

NATIONAL STEEL CO  
Form 6-K  
November 24, 2017

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# SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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## FORM 6-K

Report of Foreign Private Issuer  
Pursuant to Rule 13a-16 or 15d-16 of the  
Securities Exchange Act of 1934

For the month of November, 2017  
Commission File Number 1-14732

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## COMPANHIA SIDERÚRGICA NACIONAL

(Exact name of registrant as specified in its charter)

### National Steel Company

(Translation of Registrant's name into English)

Av. Brigadeiro Faria Lima 3400, 20º andar  
São Paulo, SP, Brazil  
04538-132

(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports  
under cover Form 20-F or Form 40-F. Form 20-F ☒ Form 40-F ☐

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby  
furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes ☐ No ☒

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(CONVENIENCE TRANSLATION INTO ENGLISH FROM THE ORIGINAL PREVIOUSLY ISSUED IN PORTUGUESE)

DFP — Annual Financial Statements – December 31, 2016 – CIA SIDERURGICA NACIONAL **Version:**  
**1**

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**Company Information / Capital Breakdown**

| <b>Number of Shares</b> | <b>Current Quarter</b> |
|-------------------------|------------------------|
| <b>(Units)</b>          | <b>12/31/2016</b>      |
| <b>Paid-in Capital</b>  |                        |
| <b>Common</b>           | 1,387,524,047          |
| <b>Preferred</b>        | 0                      |
| <b>Total</b>            | 1,387,524,047          |
| <b>Treasury Shares</b>  |                        |
| <b>Common</b>           | 30,391,000             |
| <b>Preferred</b>        | 0                      |
| <b>Total</b>            | 30,391,000             |

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**Parent Company Financial Statements / Balance Sheet - Assets**  
**(R\$ thousand)**

| <b>Code</b> | <b>Description</b>                | <b>Current Quarter</b> | <b>First prior year</b> | <b>Second prior year</b> |
|-------------|-----------------------------------|------------------------|-------------------------|--------------------------|
|             |                                   | <b>12/31/2016</b>      | <b>12/31/2015</b>       | <b>12/31/2014</b>        |
| 1           | Total assets                      | 41,716,949             | 44,570,369              | 0                        |
| 1.01        | Current assets                    | 7,989,806              | 8,842,440               | 0                        |
| 1.01.01     | Cash and cash equivalents         | 1,466,746              | 1,885,199               | 0                        |
| 1.01.02     | Financial investments             | 758,433                | 763,599                 | 0                        |
|             | Financial investments measured at |                        |                         |                          |
| 1.01.02.02  | amortized cost                    | 758,433                | 763,599                 | 0                        |
| 1.01.03     | Trade receivables                 | 2,624,853              | 2,467,523               | 0                        |
| 1.01.04     | Inventories                       | 2,504,230              | 2,850,744               | 0                        |
| 1.01.08     | Other current assets              | 635,544                | 875,375                 | 0                        |
| 1.02        | Non-current assets                | 33,727,143             | 35,727,929              | 0                        |
| 1.02.01     | Long-term receivables             | 1,395,962              | 1,281,470               | 0                        |
| 1.02.01.09  | Other non-current assets          | 1,395,962              | 1,281,470               | 0                        |
| 1.02.02     | Investments                       | 22,703,508             | 25,517,369              | 0                        |
| 1.02.03     | Property, plant and equipment     | 9,580,126              | 8,866,348               | 0                        |
| 1.02.04     | Intangible assets                 | 47,547                 | 62,742                  | 0                        |

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**Parent Company Financial Statements / Balance Sheet – Liabilities**  
**(R\$ thousand)**

| <b>Code</b>   | <b>Description</b>                                                    | <b>Current<br/>Quarter<br/>12/31/2016</b> | <b>First prior year<br/>12/31/2015</b> | <b>Second prior year<br/>12/31/2014</b> |
|---------------|-----------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-----------------------------------------|
| 2             | Total liabilities                                                     | 41,716,949                                | 44,570,369                             | 0                                       |
| 2.01          | Current liabilities                                                   | 4,108,798                                 | 4,272,372                              | 0                                       |
| 2.01.01       | Payroll and related taxes                                             | 135,676                                   | 141,496                                | 0                                       |
| 2.01.02       | Trade payables                                                        | 1,312,183                                 | 742,364                                | 0                                       |
| 2.01.03       | Tax payables                                                          | 66,445                                    | 5,814                                  | 0                                       |
| 2.01.04       | Borrowings and financing                                              | 2,051,882                                 | 2,879,073                              | 0                                       |
| 2.01.05       | Other payables                                                        | 464,531                                   | 411,699                                | 0                                       |
| 2.01.06       | Provisions                                                            | 78,081                                    | 91,926                                 | 0                                       |
| 2.01.06.01    | Provision for tax, social security, labor and civil risks             | 78,081                                    | 91,926                                 | 0                                       |
| 2.02          | Non-current liabilities                                               | 31,413,623                                | 34,334,448                             | 0                                       |
| 2.02.01       | Long term Borrowings and financing                                    | 28,196,893                                | 31,109,017                             | 0                                       |
| 2.02.02       | Other payables                                                        | 76,499                                    | 126,450                                | 0                                       |
| 2.02.03       | Deferred taxes                                                        | 587,357                                   | 666,081                                | 0                                       |
| 2.02.04       | Provisions                                                            | 2,552,874                                 | 2,432,940                              | 0                                       |
| 2.02.04.01    | Provision for tax, social security, labor and civil risks             | 548,537                                   | 564,372                                | 0                                       |
| 2.02.04.02    | Other provisions                                                      | 2,004,337                                 | 1,868,568                              | 0                                       |
| 2.02.04.02.03 | Provision for environmental liabilities and decommissioning of assets | 265,772                                   | 259,115                                | 0                                       |
| 2.02.04.02.04 | Pension and healthcare plan                                           | 719,266                                   | 514,367                                | 0                                       |
| 2.02.04.02.05 | Provision for losses on investments                                   | 1,019,299                                 | 1,095,086                              | 0                                       |
| 2.03          | Consolidated Shareholders' equity                                     | 6,194,528                                 | 5,963,509                              | 0                                       |
| 2.03.01       | Share Capital                                                         | 4,540,000                                 | 4,540,000                              | 0                                       |
| 2.03.02       | Capital reserves                                                      | 30                                        | 30                                     | 0                                       |

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|            |                            |             |           |   |
|------------|----------------------------|-------------|-----------|---|
| 2.03.04    | Earnings reserves          | 238,976     | 238,976   | 0 |
| 2.03.04.09 | Treasury shares            | (238,976)   | (238,976) | 0 |
| 2.03.05    | Profits/losses acumulated  | (1,301,961) | (367,214) | 0 |
| 2.03.08    | Other comprehensive income | 2,956,459   | 1,790,693 | 0 |

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**Parent Company Financial Statements / Statements of Income****(R\$ thousand)**

| <b>Code</b> | <b>Description</b>                                    | <b>Current Quarter<br/>12/31/2016</b> | <b>01/01/2016 to<br/>12/31/2015</b> | <b>First prior<br/>year<br/>01/01/2015 to<br/>12/31/2015</b> | <b>Second prior<br/>year<br/>01/01/2014 to<br/>12/31/2014</b> |
|-------------|-------------------------------------------------------|---------------------------------------|-------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------|
|             |                                                       |                                       |                                     |                                                              |                                                               |
| 3.01        | Revenues from sale of goods and rendering of services | 8,999,915                             | 11,718,369                          |                                                              | 0                                                             |
| 3.02        | Costs from sale of goods and rendering of services    | (7,353,490)                           | (9,137,528)                         |                                                              | 0                                                             |
| 3.03        | Gross profit                                          | 1,646,425                             | 2,580,841                           |                                                              | 0                                                             |
| 3.04        | Operating expenses/income                             | (1,432,043)                           | 5,055,198                           |                                                              | 0                                                             |
| 3.04.01     | Selling expenses                                      | (612,917)                             | (683,516)                           |                                                              | 0                                                             |
| 3.04.02     | General and administrative expenses                   | (264,235)                             | (374,253)                           |                                                              | 0                                                             |
| 3.04.04     | Other operating income                                | 587,390                               | 1,690,934                           |                                                              | 0                                                             |
| 3.04.05     | Other operating expenses                              | (771,938)                             | (1,181,006)                         |                                                              | 0                                                             |
| 3.04.06     | Equity in income of affiliates and join ventures      | (370,343)                             | 5,603,039                           |                                                              | 0                                                             |
| 3.05        | Profit before finance income (expenses) and taxes     | 214,382                               | 7,636,039                           |                                                              | 0                                                             |
| 3.06        | Finance income (expenses)                             | (1,236,385)                           | (6,029,784)                         |                                                              | 0                                                             |
| 3.06.01     | Finance income                                        | 198,551                               | 914,350                             |                                                              | 0                                                             |
| 3.06.02     | Finance expenses                                      | (1,434,936)                           | (6,944,134)                         |                                                              | 0                                                             |
| 3.06.02.01  | Net exchange differences over financial instruments   | 2,001,588                             | (3,919,811)                         |                                                              | 0                                                             |
| 3.06.02.02  | Finance expenses                                      | (3,436,524)                           | (3,024,323)                         |                                                              | 0                                                             |
| 3.07        | Profit (loss) before taxes                            | (1,022,003)                           | 1,606,255                           |                                                              | 0                                                             |
| 3.08        | Income tax and social contribution                    | 96,817                                | (2,822,288)                         |                                                              | 0                                                             |
| 3.09        | Profit (loss) from continued operations               | (925,186)                             | (1,216,033)                         |                                                              | 0                                                             |
| 3.10        | Profit (loss) from discontinued operations            | (9,561)                               | 1,911                               |                                                              | 0                                                             |
| 3.11        | Consolidated Profit (loss) for the year               | (934,747)                             | (1,214,122)                         |                                                              | 0                                                             |
| 3.99        | Earnings per Share - (kings / share)                  |                                       |                                     |                                                              |                                                               |

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|            |                            |           |           |   |
|------------|----------------------------|-----------|-----------|---|
| 3.99,01    | Basic earnings per share   |           |           |   |
| 3.99.01.01 | Common shares              |           |           |   |
|            |                            | (0.68876) | (0.89461) | 0 |
| 3.99.02    | Diluted earnings per share |           |           |   |
| 3.99.02.01 | Common shares              | (0.68876) | (0.89461) | 0 |



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**Parent Company Financial Statements / Statement of Comprehensive  
Income  
(R\$ thousand)**

| <b>Code</b> | <b>Description</b>                                                             | <b>Current Quarter<br/>01/01/2016 to<br/>12/31/2016</b> | <b>First prior year<br/>01/01/2015 to<br/>12/31/2015</b> | <b>Second prior<br/>year<br/>01/01/2014 to<br/>12/31/2014</b> |
|-------------|--------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|
| 4.01        | Consolidated profit for the year                                               | (934,747)                                               | (1,214,122)                                              | 0                                                             |
| 4.02        | Other comprehensive income                                                     | 1,165,766                                               | (1,190,803)                                              | 0                                                             |
| 4.02.01     | Actuarial gains over pension plan of affiliates                                | 5,403                                                   | (722)                                                    | 0                                                             |
| 4.02.02     | Actuarial gains (losses) on defined benefit pension plan                       | (227,352)                                               | 93,663                                                   | 0                                                             |
| 4.02.03     | Income tax and social contribution on actuarial gains (losses) in pension plan | 0                                                       | (65,246)                                                 | 0                                                             |
| 4.02.04     | Cumulative translation adjustments for the year                                | (486,890)                                               | 513,685                                                  | 0                                                             |
| 4.02.05     | Available-for-sale assets                                                      | 711,942                                                 | (938,160)                                                | 0                                                             |
| 4.02.06     | Income tax and social contribution on available-for-sale assets                | 0                                                       | 163,404                                                  | 0                                                             |
| 4.02.07     | Available-for-sale assets from investments in affiliates, net of taxes         | 0                                                       | (20,817)                                                 | 0                                                             |
| 4.02.08     | Impairment of available-for-sale assets                                        | 0                                                       | 555,298                                                  | 0                                                             |
| 4.02.09     | Income tax and social contribution on impairment of available-for-sale assets  | 0                                                       | (33,269)                                                 | 0                                                             |
| 4.02.10     | (Loss) / gain on the percentage change in investments                          | 1,299                                                   | 1,980                                                    | 0                                                             |
| 4.02.11     | Gain (loss) on cash flow hedge accounting                                      | 1,005,968                                               | (1,410,896)                                              | 0                                                             |
| 4.02.12     |                                                                                | 0                                                       | (41,014)                                                 | 0                                                             |

|         |                                                                            |         |             |   |
|---------|----------------------------------------------------------------------------|---------|-------------|---|
|         | Income tax and social contribution on cash flow hedge accounting           |         |             |   |
| 4.02.13 | Gain (Loss) on net investment hedge from investments in affiliates         | 77,952  | (20,148)    | 0 |
| 4.02.14 | Realization of cash flow hedge accounting reclassified to income statement | 77,444  | 11,439      | 0 |
| 4.03    | Consolidated comprehensive income for the year                             | 231,019 | (2,404,925) | 0 |

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**Parent Company Financial Statements / Statement of Cash Flows – Indirect Method**  
**(R\$ thousand)**

| <b>Code</b> | <b>Description</b>                                                       | <b>Current Year<br/>01/01/2016 to<br/>12/31/2016</b> | <b>First prior year<br/>01/01/2015 to<br/>12/31/2015</b> | <b>Second prior<br/>year<br/>01/01/2014 to<br/>12/31/2014</b> |
|-------------|--------------------------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|
| 6.01        | Net cash from operating activities                                       | 1,257,546                                            | 3,277,089                                                | 0                                                             |
| 6.01.01     | Cash from operations                                                     | 290,446                                              | 3,964,641                                                | 0                                                             |
| 6.01.01.01  | Profit (loss) for the period                                             | (934,747)                                            | (1,214,122)                                              | 0                                                             |
| 6.01.01.02  | Finance charges in borrowing                                             | 2,537,652                                            | 2,852,609                                                | 0                                                             |
| 6.01.01.03  | Finance charges in lending                                               | (40,557)                                             | (26,073)                                                 | 0                                                             |
| 6.01.01.04  | Depreciation, depletion and amortization                                 | 596,443                                              | 863,741                                                  | 0                                                             |
| 6.01.01.05  | Equity in income (losses) of affiliates                                  | 370,343                                              | (5,604,950)                                              | 0                                                             |
| 6.01.01.06  | Deferred income tax and social contribution                              | (59,299)                                             | 2,824,757                                                | 0                                                             |
| 6.01.01.07  | Provision for tax, social security, labor, civil and environmental risks | (29,680)                                             | 37,228                                                   | 0                                                             |
| 6.01.01.08  | Exchange differences, net                                                | (2,278,812)                                          | 4,875,358                                                | 0                                                             |
| 6.01.01.10  | Impairment of available-for-sale - assets                                |                                                      | 555,298                                                  | 0                                                             |
| 6.01.01.11  | Write-off of PPE and Intangible assets                                   | 39,397                                               | 3,990                                                    | 0                                                             |
| 6.01.01.12  | Provision for actuarial liabilities                                      | (18,899)                                             | 1,499                                                    | 0                                                             |
| 6.01.01.13  | Provision for environmental liabilities and decommissioning of assets    | 6,657                                                | -                                                        | 0                                                             |

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|            |                                                  |           |             |   |
|------------|--------------------------------------------------|-----------|-------------|---|
| 6.01.01.14 | Gain on business combination                     | (66,496)  | (1,274,104) | 0 |
| 6.01.01.15 | Gain on disposal of available for<br>sale assets | (252,023) | -           | 0 |
| 6.01.01.16 | Impairment Fair Value of<br>Transnordestina      | 387,989   | -           | 0 |
| 6.01.01.17 | Other provisions                                 | 32,478    | 69,410      | 0 |

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**Parent Company Financial Statements / Statement of Cash Flows – Indirect Method  
(R\$ thousand)**

| <b>Code</b> | <b>Description</b>                        | <b>Current Year<br/>01/01/2016 to<br/>12/31/2016</b> | <b>First prior year<br/>01/01/2015 to<br/>12/31/2015</b> | <b>Second prior<br/>year<br/>01/01/2014 to<br/>12/31/2014</b> |
|-------------|-------------------------------------------|------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|
| 6.01.02     | Changes in assets and liabilities         | 967,100                                              | (687,552)                                                | 0                                                             |
| 6.01.02.01  | Trade receivables - third parties         | (172,057)                                            | 149,439                                                  | 0                                                             |
| 6.01.02.02  | Trade receivables - related parties       | 204,070                                              | (1,235,843)                                              | 0                                                             |
| 6.01.02.03  | Inventories                               | 346,514                                              | (265,868)                                                | 0                                                             |
| 6.01.02.04  | Receivables - related parties / Dividends | 2,281,801                                            | 3,309,886                                                | 0                                                             |
| 6.01.02.05  | Tax assets                                | 297,827                                              | (456,924)                                                | 0                                                             |
| 6.01.02.06  | Judicial deposits                         | 30,995                                               | (16,622)                                                 | 0                                                             |
| 6.01.02.09  | Trade payables                            | 580,185                                              | 303,316                                                  | 0                                                             |
| 6.01.02.10  | Payroll and related taxes                 | (6,129)                                              | 129,147                                                  | 0                                                             |
| 6.01.02.11  | Taxes in installments - REFIS             | 63,783                                               | (82,025)                                                 | 0                                                             |
| 6.01.02.13  | Payables to related parties               | 10,278                                               | 85,163                                                   | 0                                                             |
| 6.01.02.15  | Interest paid                             | (2,571,987)                                          | (2,663,272)                                              | 0                                                             |

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**Parent Company Financial Statements / Statement of Cash Flows – Indirect Method**  
**(R\$ thousand)**

| Code       | Description                                               | Current Year<br>01/01/2016 to<br>12/31/2016 | First prior year<br>01/01/2015 to 12/31/2015 | Second prior year<br>01/01/2014 to 12/31/2014 |
|------------|-----------------------------------------------------------|---------------------------------------------|----------------------------------------------|-----------------------------------------------|
| 6.01.02.18 | Interest on swaps paid                                    | 69                                          | 651                                          | 0                                             |
| 6.01.02.19 | Others                                                    | (98,249)                                    | 55,400                                       | 0                                             |
| 6.02       | Net cash investment activities                            | (1,093,142)                                 | (4,319,281)                                  | 0                                             |
| 6.02.01    | Investments / AFAC /<br>Acquisitions of Shares            | (229,624)                                   | (2,762,754)                                  | 0                                             |
| 6.02.02    | Purchase of property, plant and<br>equipment              | (1,203,640)                                 | (1,413,091)                                  | 0                                             |
| 6.02.03    | Cash from incorporation of<br>affiliates                  | -                                           | 129,745                                      | 0                                             |
| 6.02.04    | Acquisition of intangible assets                          | (1,500)                                     | -                                            | 0                                             |
| 6.02.05    | Capital reduction of<br>subsidiaries                      | -                                           | 486,758                                      | 0                                             |
| 6.02.10    | Intercompany loans granted                                | (125,536)                                   | (61,217)                                     | 0                                             |
| 6.02.11    | Intercompany loans received                               | 4,646                                       | 5,546                                        | 0                                             |
| 6.02.12    | Exclusive funds                                           | 84,809                                      | 59,331                                       | 0                                             |
| 6.02.13    | Financial Investments, net of<br>redemption               | 5,166                                       | (763,599)                                    | 0                                             |
| 6.02.14    | Cash received by disposal of<br>available for sale assets | 372,537                                     | -                                            | 0                                             |
| 6.03       | Net cash used in financing<br>activities                  | (589,034)                                   | (230,272)                                    | 0                                             |
| 6.03.01    | Borrowings and financing                                  | 100,837                                     | 1,327,231                                    | 0                                             |

|         |                                                                   |           |             |   |
|---------|-------------------------------------------------------------------|-----------|-------------|---|
| 6.03.02 | Borrowings of cost                                                | (24,887)  | (34,646)    | 0 |
| 6.03.03 | Borrowings and financing,<br>related parties                      | 40,239    | 1,725,595   | 0 |
| 6.03.04 | Amortization of borrowings and<br>financing                       | (664,931) | (2,120,355) | 0 |
| 6.03.05 | Amortization of borrowings and<br>financing - related parties     | (40,239)  | (568,872)   | 0 |
| 6.03.06 | Payments of dividends and<br>interests on shareholder's<br>equity | (53)      | (549,835)   | 0 |
| 6.03.09 | Treasury shares                                                   | -         | (9,390)     | 0 |
| 6.04    | Exchange rate on translating<br>cash and cash equivalents         | 6,177     | 11,270      | 0 |
| 6.05    | Increase (decrease) in cash<br>and cash equivalents               | (418,453) | (1,261,194) | 0 |
| 6.05.01 | Cash and equivalents at the<br>beginning of the year              | 1,885,199 | 3,146,393   | 0 |
| 6.05.02 | Cash and equivalents at the<br>end of the year                    | 1,466,746 | 1,885,199   | 0 |

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**Parent Company Financial Statements / Statement of Changes in Equity - 1/1/2016 to 12/31/2016****(R\$ thousand)**

| <b>Code</b> | <b>Description</b>                                  | <b>Paid-in capital</b> | <b>Capital reserve, granted options and treasury shares</b> | <b>Earnings reserve</b> | <b>Retained earnings (accumulated losses)</b> | <b>Other comprehensive income</b> | <b>Shareholders' equity</b> |
|-------------|-----------------------------------------------------|------------------------|-------------------------------------------------------------|-------------------------|-----------------------------------------------|-----------------------------------|-----------------------------|
| 5.01        | Opening balances                                    | 4,540,000              | 30                                                          | -                       | (367,214)                                     | 1,790,693                         | 5,963,509                   |
| 5.03        | Adjusted opening balances                           | 4,540,000              | 30                                                          | -                       | (367,214)                                     | 1,790,693                         | 5,963,509                   |
| 5.05        | Total comprehensive income                          | -                      | -                                                           | -                       | (934,747)                                     | 1,165,766                         | 231,019                     |
| 5.05.01     | Profit for the period                               | -                      | -                                                           | -                       | (934,747)                                     | -                                 | (934,747)                   |
| 5.05.02     | Other comprehensive income                          | -                      | -                                                           | -                       | -                                             | 1,165,766                         | 1,165,766                   |
| 5.05.02.04  | Translation adjustments for the year                | -                      | -                                                           | -                       | -                                             | (486,890)                         | (486,890)                   |
| 5.05.02.06  | Actuarial (loss)/gain on pension plan, net of taxes | -                      | -                                                           | -                       | -                                             | (221,949)                         | (221,949)                   |
| 5.05.02.07  | Available-for-sale assets, net of                   | -                      | -                                                           | -                       | -                                             | 711,942                           | 711,942                     |



|            |                                                                         |           |    |   |             |           |           |
|------------|-------------------------------------------------------------------------|-----------|----|---|-------------|-----------|-----------|
| 5.05.02.08 | taxes<br>(Loss) / gain on<br>the percentage<br>change in<br>investments | -         | -  | - | -           | 1,299     | 1,299     |
| 5.05.02.09 | (Loss) / gain on<br>cash flow hedge<br>accounting, net of<br>taxes      | -         | -  | - | -           | 1,083,412 | 1,083,412 |
| 5.05.02.10 | (Loss) / gain on<br>net investment<br>hedge                             | -         | -  | - | -           | 77,952    | 77,952    |
| 5.07       | Closing balance                                                         | 4,540,000 | 30 | - | (1,301,961) | 2,956,459 | 6,194,528 |

**(CONVENIENCE TRANSLATION INTO ENGLISH FROM THE ORIGINAL PREVIOUSLY ISSUED IN PORTUGUESE)**

DFP — Annual Financial Statements – December 31, 2016 – CIA SIDERURGICA NACIONAL **Version: 1**

**Parent Company Financial Statements / Statement of Changes in Equity - 1/1/2015 to 12/31/2015****(R\$ thousand)**

| <b>Code</b> | <b>Description</b>                     | <b>Paid-in capital</b> | <b>Capital reserve, granted options and treasury shares</b> | <b>Earnings reserve</b> | <b>Retained earnings (accumulated losses)</b> | <b>Other comprehensive income</b> | <b>Shareholders' equity</b> |
|-------------|----------------------------------------|------------------------|-------------------------------------------------------------|-------------------------|-----------------------------------------------|-----------------------------------|-----------------------------|
| 5.01        | Opening balances                       | 4,540,000              | 30                                                          | 1,131,298               | -                                             | 25,140                            | 5,696,438                   |
| 5.03        | Adjusted opening balances              | 4,540,000              | 30                                                          | 1,131,298               | -                                             | 25,140                            | 5,696,438                   |
| 5.04        | Capital transactions with shareholders | -                      | -                                                           | (284,390)               | -                                             | -                                 | (284,390)                   |
| 5.04.04     | Treasury shares acquired               | -                      | -                                                           | (9,390)                 | -                                             | -                                 | (9,390)                     |
| 5.04.06     | Dividends                              | -                      | -                                                           | (275,000)               | -                                             | -                                 | (275,000)                   |
| 5.05        | Total comprehensive income             | -                      | -                                                           | -                       | (1,214,122)                                   | 1,765,553                         | 551,431                     |
| 5.05.01     | Profit for the period                  | -                      | -                                                           | -                       | (1,214,122)                                   | -                                 | (1,214,122)                 |
| 5.05.02     | Other comprehensive income             | -                      | -                                                           | -                       | -                                             | 1,765,553                         | 1,765,553                   |
| 5.05.02.04  | Translation adjustments for the period | -                      | -                                                           | -                       | -                                             | 513,685                           | 513,685                     |
| 5.05.02.06  |                                        | -                      | -                                                           | -                       | -                                             | 27,695                            | 27,695                      |

|            |                    |           |    |           |           |             |             |
|------------|--------------------|-----------|----|-----------|-----------|-------------|-------------|
|            | Actuarial (losses) |           |    |           |           |             |             |
|            | gains on pension   | -         | -  | -         | -         |             |             |
|            | plan, net of taxes |           |    |           |           |             |             |
|            | Available-for-sale |           |    |           |           |             |             |
|            | assets, net of     |           |    |           |           |             |             |
| 5.05.02.07 | taxes              | -         | -  | -         | -         | (273,544)   | (273,544)   |
|            | (Loss) / gain on   |           |    |           |           |             |             |
|            | the percentage     |           |    |           |           |             |             |
|            | change in          |           |    |           |           |             |             |
| 5.05.02.08 | investments        | -         | -  | -         | -         | 1,980       | 1,980       |
|            | (Loss) gain on     |           |    |           |           |             |             |
|            | cash flow hedge    |           |    |           |           |             |             |
|            | accounting, net    |           |    |           |           |             |             |
| 5.05.02.09 | of taxes           | -         | -  | -         | -         | (1,440,471) | (1,440,471) |
|            | (Loss) / gain on   |           |    |           |           |             |             |
|            | net investment     |           |    |           |           |             |             |
| 5.05.02.10 | hedge              | -         | -  | -         | -         | (20,148)    | (20,148)    |
|            | (Loss)/ gain on    |           |    |           |           |             |             |
|            | business           |           |    |           |           |             |             |
| 5.05.02.11 | combination        | -         | -  | -         | -         | 2,956,356   | 2,956,356   |
|            | Internal changes   |           |    |           |           |             |             |
|            | in shareholders'   |           |    |           |           |             |             |
| 5.06       | equity             | -         | -  | (846,908) | 846,908   | -           | -           |
|            | Absorption of      |           |    |           |           |             |             |
| 5.06.04    | losses in 2015     | -         | -  | (846,908) | 846,908   | -           | -           |
| 5.07       | Closing balances   | 4,540,000 | 30 | -         | (367,214) | 1,790.693   | 5,963.693   |

**(CONVENIENCE TRANSLATION INTO ENGLISH FROM THE ORIGINAL PREVIOUSLY ISSUED IN PORTUGUESE)**

DFP — Annual Financial Statements – December 31, 2016 – CIA SIDERURGICA NACIONAL **Version:**  
**1**

**Parent Company Financial Statements / Statement of Value Added  
(R\$thousand)**

| Code       | Description                                      | Current year | 01/01/2016 to 12/31/2016 | 01/01/2015 to 12/31/2015 | Second                                    |
|------------|--------------------------------------------------|--------------|--------------------------|--------------------------|-------------------------------------------|
|            |                                                  |              |                          |                          | First prior year 01/01/2014 to 31/12/2014 |
| 7.01       | Revenues                                         | 11,441,279   |                          | 14,141,702               | 0                                         |
| 7.01.01    | Sales of products and rendering of services      | 11,214,780   |                          | 13,869,552               | 0                                         |
| 7.01.02    | Other revenues                                   | 238,348      |                          | 293,934                  | 0                                         |
| 7.01.04    | Allowance for (reversal of) doubtful debts       | (11,849)     |                          | (21,784)                 | 0                                         |
| 7.02       | Raw materials acquired from third parties        | (8,623,098)  |                          | (9,238,893)              | 0                                         |
| 7.02.01    | Cost of sales and services                       | (7,616,318)  |                          | (8,152,169)              | 0                                         |
| 7.02.02    | Materials, electric power, outsourcing and other | (990,323)    |                          | (542,698)                | 0                                         |
| 7.02.03    | Impairment/recovery of assets                    | (16,457)     |                          | 11,272                   | 0                                         |
| 7.02.04    | Others                                           | -            |                          | (555,298)                | 0                                         |
| 7.02.04.01 | Impairment of available-for-sale assets          | -            |                          | (555,298)                | 0                                         |
| 7.03       | Gross value added                                | 2,818,181    |                          | 4,902,809                | 0                                         |
| 7.04       | Retentions                                       | (596,443)    |                          | (863,741)                | 0                                         |
| 7.04.01    | Depreciation, amortization and depletion         | (596,443)    |                          | (863,741)                | 0                                         |
| 7.05       | Wealth created                                   | 2,221,738    |                          | 4,039,068                | 0                                         |
| 7.06       | Value added received                             | (450,677)    |                          | 7,628,902                | 0                                         |

|               |                                        |             |             |   |
|---------------|----------------------------------------|-------------|-------------|---|
| 7.06.01       | Equity in income of affiliates         | (370,343)   | 5,603,039   | 0 |
| 7.06.02       | Finance income                         | 198,551     | 914,350     | 0 |
| 7.06.03       | Others                                 | (278,885)   | 1,111,513   | 0 |
| 7.06.03.01    | Others and exchange gains              | (278,885)   | 1,111,513   | 0 |
| 7.07          | Wealth for distribution                | 1,771,061   | 11,667,970  | 0 |
| 7.08          | Wealth distributed                     | 1,771,061   | 11,667,970  | 0 |
| 7.08.01       | Personnel                              | 1,129,727   | 1,450,801   | 0 |
| 7.08.01.01    | Salaries and wages                     | 872,840     | 1,115,124   | 0 |
| 7.08.01.02    | Benefits                               | 195,886     | 262,697     | 0 |
| 7.08.01.03    | Severance payment (FGTS)               | 61,001      | 72,980      | 0 |
| 7.08.02       | Taxes, fees and contributions          | 410,640     | 3,371,670   | 0 |
| 7.08.02.01    | Federal                                | 271,821     | 3,238,824   | 0 |
| 7.08.02.02    | State                                  | 138,818     | 122,819     | 0 |
| 7.08.02.03    | Municipal                              | 1           | 10,028      | 0 |
| 7.08.03       | Remuneration on third-party capital    | 1,155,880   | 8,061,531   | 0 |
| 7.08.03.01    | Interest                               | 3,436,377   | 3,022,863   | 0 |
| 7.08.03.02    | Leases                                 | 10,721      | 9,891       | 0 |
| 7.08.03.03    | Others                                 | (2,291,218) | 5,028,777   | 0 |
| 7.08.03.03.01 | Others and exchange losses             | (2,291,218) | 5,028,777   | 0 |
| 7.08.04       | Remuneration on Shareholders' capital  | (934,747)   | (1,214,122) | 0 |
| 7.08.04.03    | Retained earnings (accumulated losses) | (934,747)   | (1,214,122) | 0 |
| 7.08.05       | Others                                 | 9,561       | (1,911)     | 0 |
| 7.08.05.01    | Gain (loss) on discontinued operations | 9,561       | (1,911)     | 0 |

**(CONVENIENCE TRANSLATION INTO ENGLISH FROM THE ORIGINAL PREVIOUSLY ISSUED IN PORTUGUESE)**

DFP — Annual Financial Statements – December 31, 2016 – CIA SIDERURGICA NACIONAL **Version:**  
**1**

**Consolidated Financial Statements / Balance Sheet – Assets**  
**(R\$ thousand)**

| <b>Code</b> | <b>Description</b>                         | <b>Current Quarter<br/>12/31/2016</b> | <b>First prior year<br/>12/31/2015</b> | <b>Second prior year<br/>12/31/2014</b> |
|-------------|--------------------------------------------|---------------------------------------|----------------------------------------|-----------------------------------------|
| 1           | Total Assets                               | 44,153,623                            | 47,339,409                             | 0                                       |
| 1.01        | Current assets                             | 12,444,918                            | 16,430,691                             | 0                                       |
| 1.01.01     | Cash and cash equivalent                   | 4,871,162                             | 7,861,052                              | 0                                       |
| 1.01.02     | Financial investments                      | 760,391                               | 763,599                                | 0                                       |
| 1.01.02.02  | Financial investments at<br>amortized cost | 760,391                               | 763,599                                | 0                                       |
| 1.01.03     | Trade receivables                          | 1,997,216                             | 1,578,277                              | 0                                       |
| 1.01.04     | Inventory                                  | 3,964,136                             | 4,941,314                              | 0                                       |
| 1.01.08     | Other current assets                       | 852,013                               | 1,286,449                              | 0                                       |
| 1.02        | Non-current assets                         | 31,708,705                            | 30,908,718                             | 0                                       |
| 1.02.01     | Long-term assets                           | 1,745,971                             | 1,661,987                              | 0                                       |
| 1.02.01.06  | Deferred tax assets                        | 70,151                                | 78,066                                 | 0                                       |
| 1.02.01.09  | Other non-current assets                   | 1,675,820                             | 1,583,921                              | 0                                       |
| 1.02.02     | Investments                                | 4,568,451                             | 3,998,239                              | 0                                       |
| 1.02.03     | Property, plant and equipmet               | 18,135,879                            | 17,826,226                             | 0                                       |
| 1.02.04     | Intangible assets                          | 7,258,404                             | 7,422,266                              | 0                                       |

**(CONVENIENCE TRANSLATION INTO ENGLISH FROM THE ORIGINAL PREVIOUSLY ISSUED IN PORTUGUESE)**

DFP — Annual Financial Statements – December 31, 2016 – CIA SIDERURGICA NACIONAL **Version:**  
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**Consolidated Financial Statements / Balance Sheet Liabilities  
(R\$ thousand)**

| <b>Code</b>   | <b>Description</b>                                                    | <b>Current Quarter</b> | <b>12/31/2016</b> | <b>First prior<br/>year<br/>12/31/2015</b> | <b>Second prior<br/>year<br/>12/31/2014</b> |
|---------------|-----------------------------------------------------------------------|------------------------|-------------------|--------------------------------------------|---------------------------------------------|
| 2             | Total liabilities                                                     |                        | 44,153,623        | 47,339,409                                 | 0                                           |
| 2.01          | Current liabilities                                                   |                        | 5,496,683         | 5,082,199                                  | 0                                           |
| 2.01.01       | Payroll and related taxes                                             |                        | 253,837           | 256,840                                    | 0                                           |
| 2.01.02       | Trade payables                                                        |                        | 1,763,206         | 1,293,008                                  | 0                                           |
| 2.01.03       | Tax payables                                                          |                        | 231,861           | 457,391                                    | 0                                           |
| 2.01.04       | Borrowings and financing                                              |                        | 2,117,448         | 1,874,681                                  | 0                                           |
| 2.01.05       | Other payables                                                        |                        | 1,021,724         | 1,073,017                                  | 0                                           |
| 2.01.06       | Provisions                                                            |                        | 108,607           | 127,262                                    | 0                                           |
| 2.01.06.01    | Provision for tax, social security, labor and civil risks             |                        | 108,607           | 127,262                                    | 0                                           |
| 2.02          | Non-current liabilities                                               |                        | 31,272,419        | 35,165,922                                 | 0                                           |
| 2.02.01       | Long term Borrowings and financing                                    |                        | 28,323,570        | 32,407,834                                 | 0                                           |
| 2.02.02       | Other payables                                                        |                        | 131,137           | 131,284                                    | 0                                           |
| 2.02.03       | Deferred tax liabilities                                              |                        | 1,046,897         | 1,072,033                                  | 0                                           |
| 2.02.04       | Provisions                                                            |                        | 1,770,815         | 1,554,771                                  | 0                                           |
| 2.02.04.01    | Provision for tax, social security, labor and civil risks             |                        | 704,485           | 711,472                                    | 0                                           |
| 2.02.04.02    | Other provisions                                                      |                        | 1,066,330         | 843,299                                    | 0                                           |
| 2.02.04.02.03 | Provision for environmental liabilities and decommissioning of assets |                        | 347,064           | 328,931                                    | 0                                           |
| 2.02.04.02.04 | Pension and healthcare plan                                           |                        | 719,266           | 514,368                                    | 0                                           |
| 2.03          | Consolidated Shareholders' equity                                     |                        | 7,384,521         | 7,091,288                                  | 0                                           |
| 2.03.01       | Share Capital                                                         |                        | 4,540,000         | 4,540,000                                  | 0                                           |
| 2.03.02       | Capital reserves                                                      |                        | 30                | 30                                         | 0                                           |
| 2.03.04       | Earnings reserves                                                     |                        | 238,976           | 238,976                                    | 0                                           |
| 2.03.04.09    | Treasury shares                                                       |                        | (238,976)         | (238,976)                                  | 0                                           |
| 2.03.05       | Profit/ losses acumulated                                             |                        | (1,301,961)       | (367,214)                                  | 0                                           |
| 2.03.08       | Other comprehensive income                                            |                        | 2,956,459         | 1,790,693                                  | 0                                           |
| 2.03.09       |                                                                       |                        | 1,189,993         | 1,127,779                                  | 0                                           |

Profit attributable to the non-controlling  
interests



**(CONVENIENCE TRANSLATION INTO ENGLISH FROM THE ORIGINAL PREVIOUSLY ISSUED IN PORTUGUESE)**

DFP — Annual Financial Statements – December 31, 2016 – CIA SIDERURGICA NACIONAL **Version:**  
**1**

**Consolidated Financial Statements / Statements of Income**  
**(R\$ thousand)**

| <b>Code</b> | <b>Description</b>                                    | <b>Current year<br/>01/01/2016 to<br/>12/31/2016</b> | <b>Previous year<br/>01/01/2015 to<br/>12/31/2015</b> | <b>Second prior<br/>year 01/01/2014<br/>to 12/31/2014</b> |
|-------------|-------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------|
| 3.01        | Revenues from sale of goods and rendering of services | 17,148,949                                           | 15,261,697                                            | 0                                                         |
| 3.02        | Costs from sale of goods and rendering of services    | (12,640,042)                                         | (11,740,101)                                          | 0                                                         |
| 3.03        | Gross profit                                          | 4,508,907                                            | 3,521,596                                             | 0                                                         |
| 3.04        | Operating expenses/income                             | (2,563,431)                                          | 1,528,907                                             | 0                                                         |
| 3.04.01     | Selling expenses                                      | (1,696,896)                                          | (1,430,189)                                           | 0                                                         |
| 3.04.02     | General and administrative expenses                   | (518,232)                                            | (470,332)                                             | 0                                                         |
| 3.04.04     | Other operating income                                | 663,509                                              | 3,610,347                                             | 0                                                         |
| 3.04.05     | Other operating expenses                              | (1,076,730)                                          | (1,341,191)                                           | 0                                                         |
| 3.04.06     | Equity in income of affiliates and jointly operations | 64,918                                               | 1,160,272                                             | 0                                                         |
| 3.05        | Profit before finance income (expenses) and taxes     | 1,945,476                                            | 5,050,503                                             | 0                                                         |
| 3.06        | Finance income (expenses)                             | (2,522,427)                                          | (3,365,162)                                           | 0                                                         |
| 3.06.01     | Finance income                                        | 643,590                                              | 487,720                                               | 0                                                         |
| 3.06.02     | Finance expenses                                      | (3,166,017)                                          | (3,852,882)                                           | 0                                                         |
| 3.06.02.01  | Net exchange differences over financial instruments   | 116,948                                              | (727,909)                                             | 0                                                         |
| 3.06.02.02  | Finance expenses                                      | (3,282,965)                                          | (3,124,973)                                           | 0                                                         |
| 3.07        | Profit (loss) before taxes                            | (576,951)                                            | 1,685,341                                             | 0                                                         |
| 3.08        | Income tax and social contribution                    | (266,546)                                            | (2,903,216)                                           | 0                                                         |
| 3.09        | Profit (loss) from continued operations               | (843,497)                                            | (1,217,875)                                           | 0                                                         |
| 3.10        | Profit (loss) from discontinued operations            | (9,561)                                              | 1,911                                                 | 0                                                         |
| 3.11        |                                                       | (853,058)                                            | (1,215,964)                                           | 0                                                         |

|            |                                                         |           |             |   |
|------------|---------------------------------------------------------|-----------|-------------|---|
|            | Consolidated Profit (loss) for<br>the year              |           |             |   |
| 3.11.01    | Profit attributable to the<br>controlling interests     | (934,747) | (1,214,122) | 0 |
| 3.11.02    | Profit attributable to the<br>non-controlling interests | 81,689    | (1,842)     | 0 |
| 3.99.01.01 | Common shares                                           | (0.68876) | (0.89461)   | 0 |
| 3.99.02.01 | Common shares                                           | (0.68876) | (0.89461)   | 0 |

**(CONVENIENCE TRANSLATION INTO ENGLISH FROM THE ORIGINAL PREVIOUSLY ISSUED IN PORTUGUESE)**

DFP — Annual Financial Statements – December 31, 2016 – CIA SIDERURGICA NACIONAL **Version:**  
**1**

**Consolidated Financial Statements / Statement of Comprehensive Income  
(R\$ thousand)**

| <b>Code</b> | <b>Description</b>                                                             | <b>Current Quarter<br/>01/01/2016 to<br/>12/31/2016</b> | <b>First prior year<br/>01/01/2015 to<br/>12/31/2015</b> | <b>Second prior<br/>year<br/>01/01/2014 to<br/>12/31/2014</b> |
|-------------|--------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|
| 4.01        | Consolidated profit for the year                                               | (853,058)                                               | (1,215,964)                                              | 0                                                             |
| 4.02        | Other comprehensive income                                                     | 1,065,766                                               | (1,190,803)                                              | 0                                                             |
| 4.02.01     | Actuarial gains over pension plan of affiliates                                | 87                                                      | 230                                                      | 0                                                             |
| 4.02.02     | Actuarial gains (losses) on defined benefit pension plan                       | (219,417)                                               | 92,221                                                   | 0                                                             |
| 4.02.03     | Income tax and social contribution on actuarial (losses) gains in pension plan | (2,619)                                                 | (64,756)                                                 | 0                                                             |
| 4.02.04     | Cumulative translation adjustments for the year                                | (486,890)                                               | 513,685                                                  | 0                                                             |
| 4.02.05     | Available-for-sale assets                                                      | 711,942                                                 | (969,701)                                                | 0                                                             |
| 4.02.06     | Income tax and social contribution on available-for-sale assets                | -                                                       | 174,128                                                  | 0                                                             |
| 4.02.07     | Impairment of available-for-sale assets                                        | -                                                       | 555,298                                                  | 0                                                             |
| 4.02.08     | Income tax and social contribution on impairment of available-for-sale assets  | -                                                       | (33,269)                                                 | 0                                                             |
| 4.02.09     | (Loss) / gain on the percentage change in investments                          | 1,299                                                   | 1,980                                                    | 0                                                             |
| 4.02.10     | Gain (loss) on cash flow hedge accounting                                      | 1,005,968                                               | (1,410,896)                                              | 0                                                             |
| 4.02.11     | Income tax and social contribution on cash flow hedge accounting               | -                                                       | (41,014)                                                 | 0                                                             |
| 4.02.12     | Gain (Loss) on net investment hedge                                            |                                                         |                                                          | 0                                                             |

|         |                                                                               |         |             |   |
|---------|-------------------------------------------------------------------------------|---------|-------------|---|
|         |                                                                               | 77,952  | (20,148)    |   |
| 4.02.13 | Realization of cash flow hedge accounting<br>reclassified to income statement | 77,444  | 11,439      | 0 |
| 4.03    | Consolidated comprehensive income for the<br>year                             | 312,708 | (2,406,767) | 0 |
| 4.03.01 | Attributed to controlling Shareholders                                        | 231,019 | (2,404,925) | 0 |
| 4.03.02 | Attributed to non-controlling Shareholders                                    | 81,689  | (1,842)     | 0 |

**(CONVENIENCE TRANSLATION INTO ENGLISH FROM THE ORIGINAL PREVIOUSLY ISSUED IN PORTUGUESE)**

DFP — Annual Financial Statements – December 31, 2016 – CIA SIDERURGICA NACIONAL **Version:**  
**1**

**Consolidated Financial Statements /**  
**Statement of Cash Flows – Indirect Method**  
**(R\$ thousand)**

| <b>Code</b> | <b>Description</b>                     | <b>Second prior year</b>                     |                                                  |                                                   |
|-------------|----------------------------------------|----------------------------------------------|--------------------------------------------------|---------------------------------------------------|
|             |                                        | <b>01/01/2014 to 12/31/2014</b>              |                                                  |                                                   |
|             |                                        | <b>Current Year 01/01/2016 to 12/31/2016</b> | <b>First prior year 01/01/2015 to 12/31/2015</b> | <b>Second prior year 01/01/2014 to 12/31/2014</b> |
| 6.01        | Net cash from operating activities     | 275,918                                      | 5,069,163                                        | 0                                                 |
| 6.01.01     | Cash from operations                   | 2,291,521                                    | 5,072,322                                        | 0                                                 |
|             | Profit attributable to the controlling |                                              |                                                  |                                                   |
| 6.01.01.01  | interests                              | (934,747)                                    | (1,214,122)                                      | 0                                                 |
|             | Results of non-controlling             |                                              |                                                  |                                                   |
| 6.01.01.02  | shareholders                           | 81,689                                       | (1,842)                                          | 0                                                 |
| 6.01.01.03  | Finance charges in borrowing           | 2,944,558                                    | 2,889,163                                        | 0                                                 |
| 6.01.01.04  | Finance charges in lending             | (58,731)                                     | (65,084)                                         | 0                                                 |
|             | Depreciation, depletion and            |                                              |                                                  |                                                   |
| 6.01.01.05  | amortization                           | 1,322,497                                    | 1,176,840                                        | 0                                                 |
| 6.01.01.06  | Equity in gain (loss) of affiliates    | (64,918)                                     | (1,160,348)                                      | 0                                                 |
| 6.01.01.08  | Deferred tax                           | 60,368                                       | 2,767,545                                        | 0                                                 |
|             | Provision for tax, social security,    |                                              |                                                  |                                                   |
|             | labor, civil and environmental         |                                              |                                                  |                                                   |
| 6.01.01.09  | risks                                  | (25,642)                                     | 85,965                                           | 0                                                 |
| 6.01.01.10  | Exchange differences, net              | (1,038,018)                                  | 3,389,448                                        | 0                                                 |
|             | Gain (loss) of derivative financial    |                                              |                                                  |                                                   |
| 6.01.01.11  | instruments                            | (5,467)                                      | 4,086                                            | 0                                                 |
|             | Impairment of available-for-sale       |                                              |                                                  |                                                   |
| 6.01.01.12  | assets                                 | -                                            | 555,298                                          | 0                                                 |
|             | Residual value of permanent            |                                              |                                                  |                                                   |
| 6.01.01.13  | assets written off                     | 88,339                                       | 6,466                                            | 0                                                 |
|             | Gain on repurchase of debt             |                                              |                                                  |                                                   |
| 6.01.01.14  | securities                             | (146,214)                                    | (166,642)                                        | 0                                                 |
| 6.01.01.15  | Provision for actuarial liabilities    | (18,803)                                     | 1,193                                            | 0                                                 |
| 6.01.01.16  | Gain on business combination           | (66,496)                                     | (3,297,499)                                      | 0                                                 |

|                                    |           |         |   |
|------------------------------------|-----------|---------|---|
| Gain on disposal of available for  |           |         |   |
| 6.01.01.17 sale assets             | (252,023) | -       | 0 |
| Provision for environmental        |           |         |   |
| liabilities and decommissioning of |           |         |   |
| 6.01.01.18 assets                  | 18,133    | -       | 0 |
| Impairment fair value of           |           |         |   |
| 6.01.01.18 Transnordestina         | 387,989   | -       | 0 |
| 6.01.01.20 Other provisions        | (993)     | 101,855 | 0 |

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**Consolidated Financial Statements /  
Statement of Cash Flows – Indirect  
Method  
(R\$ thousand)**

| Code       | Description                                        | Current Year 01/01/2016<br>to 12/31/2016 | First prior year<br>01/01/2015 to 12/31/2015 | Second<br>prior<br>year<br>01/01/2014<br>to<br>12/31/2014 |
|------------|----------------------------------------------------|------------------------------------------|----------------------------------------------|-----------------------------------------------------------|
|            |                                                    |                                          |                                              |                                                           |
| 6.01.02    | Changes in assets and liabilities                  | (2,015,603)                              | (3,159)                                      | 0                                                         |
| 6.01.02.01 | Trade receivables - third parties                  | (388,469)                                | 208,488                                      | 0                                                         |
| 6.01.02.02 | Trade receivables - related parties                | (3,956)                                  | 217,439                                      | 0                                                         |
| 6.01.02.03 | Inventories                                        | 947,834                                  | (726,800)                                    | 0                                                         |
| 6.01.02.04 | Receivables from related parties                   | 34,082                                   | 3,545,142                                    | 0                                                         |
| 6.01.02.05 | Tax assets                                         | 275,018                                  | (537,669)                                    | 0                                                         |
| 6.01.02.06 | Judicial deposits                                  | 38,910                                   | (35,415)                                     | 0                                                         |
| 6.01.02.08 | Trade payables                                     | 482,009                                  | 301,118                                      | 0                                                         |
| 6.01.02.09 | Payroll and related taxes                          | (5,691)                                  | 188,734                                      | 0                                                         |
| 6.01.02.10 | Taxes in installments - REFIS                      | (253,374)                                | (176,737)                                    | 0                                                         |
| 6.01.02.12 | Payables to related parties                        | (9,726)                                  | (69,412)                                     | 0                                                         |
| 6.01.02.14 | Interest paid                                      | (3,050,036)                              | (2,964,826)                                  | 0                                                         |
| 6.01.02.15 | Interest on swaps paid                             | (3,999)                                  | -                                            | 0                                                         |
| 6.01.02.16 | Interest received                                  | 19,636                                   | 8,402                                        | 0                                                         |
| 6.01.02.17 | Other                                              | (97,841)                                 | 38,377                                       | 0                                                         |
| 6.02       | Net cash used in investing activities              | (2,305,168)                              | (2,864,993)                                  | 0                                                         |
| 6.02.01    | Investments / Advances for future capital increase | (190,435)                                | (2,727,036)                                  | 0                                                         |
| 6.02.02    | Purchase of property, plant and equipment          | (1,628,694)                              | (1,616,173)                                  | 0                                                         |

|         |                                            |           |          |   |
|---------|--------------------------------------------|-----------|----------|---|
| 6.02.03 | Capital reduction on joint venture         | -         | 466,758  | 0 |
| 6.02.04 | Receipt/payment in derivative transactions | (722,443) | 903,153  | 0 |
| 6.02.05 | Purchase of intangible assets              | (3,119)   | (1,462)  | 0 |
| 6.02.06 | Intercompany loans granted                 | (96,461)  | (61,217) | 0 |



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**Consolidated Financial Statements /  
Statement of Cash Flows – Indirect  
Method  
(R\$ thousand)**

|             |                                                                  | <b>Second<br/>prior<br/>year<br/>01/01/2014</b>  |                                                      |                      |
|-------------|------------------------------------------------------------------|--------------------------------------------------|------------------------------------------------------|----------------------|
| <b>Code</b> | <b>Description</b>                                               | <b>Current Year 01/01/2016<br/>to 12/31/2016</b> | <b>First prior year<br/>01/01/2015 to 12/31/2015</b> | <b>to 12/31/2014</b> |
| 6.02.07     | Intercompany loans received                                      | -                                                | 443,345                                              | 0                    |
|             | Financial Investments net of                                     |                                                  |                                                      |                      |
| 6.02.08     | redemption                                                       | 3.208                                            | (728,725)                                            | 0                    |
|             | Cash and cash equivalent on                                      |                                                  |                                                      |                      |
| 6.02.09     | Namisa Consolidation                                             | -                                                | 456,364                                              | 0                    |
|             | Cash and cash equivalents on                                     |                                                  |                                                      |                      |
| 6.02.11     | acquisition of control                                           | 941                                              | -                                                    | 0                    |
|             | Cash received by disposal of the<br>investment from discontinued |                                                  |                                                      |                      |
| 6.02.12     | operations                                                       | 331,835                                          | -                                                    | 0                    |
|             | Net cash used in financing                                       |                                                  |                                                      |                      |
| 6.03        | activities                                                       | (883,012)                                        | (3,090,768)                                          | 0                    |
| 6.03.01     | Borrowings and financing                                         | 100,837                                          | 1,336,499                                            | 0                    |
| 6.03.02     | Cost of borrowing                                                | (26,844)                                         | (38,302)                                             | 0                    |
|             | Amortization of borrowings and                                   |                                                  |                                                      |                      |
| 6.03.05     | financing                                                        | (805,854)                                        | (3,527,274)                                          | 0                    |
|             | Amortization of borrowings and                                   |                                                  |                                                      |                      |
| 6.03.06     | financing - related parties                                      | -                                                | (52,839)                                             | 0                    |
|             | Payments of dividends and                                        |                                                  |                                                      |                      |
| 6.03.07     | interests on shareholder's equity                                | (53)                                             | (549,835)                                            | 0                    |
| 6.03.08     | Treasury shares                                                  | -                                                | (9,390)                                              | 0                    |
| 6.03.09     | Buyback of debt securities                                       | (151,098)                                        | (249,627)                                            | 0                    |
|             | Exchange rate on translating cash                                |                                                  |                                                      |                      |
| 6.04        | and cash equivalents                                             | (77,628)                                         | 61,629                                               | 0                    |
| 6.05        |                                                                  | (2,989,890)                                      | (824,969)                                            | 0                    |

|         |                                                   |           |           |   |
|---------|---------------------------------------------------|-----------|-----------|---|
|         | Increase (decrease) in cash and cash equivalents  |           |           |   |
| 6.05.01 | Cash and equivalents at the beginning of the year | 7,861,052 | 8,686,021 | 0 |
| 6.05.02 | Cash and equivalents at the end of the year       | 4,871,162 | 7,861,052 | 0 |

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**Consolidated Financial Statements / Statement of Changes in Equity - 1/1/2016 to 12/31/2016**  
**(R\$ thousand)**

| Code       | Description                                   | Paid-in capital | Capital reserve, granted options and treasury shares | Earnings reserve | Retained earnings (accumulated losses) | Other comprehensive income | Shareholders' equity | Non-current assets |
|------------|-----------------------------------------------|-----------------|------------------------------------------------------|------------------|----------------------------------------|----------------------------|----------------------|--------------------|
| 5.01       | Opening balances                              | 4,540,000       | 30                                                   | -                | (367,214)                              | 1,790,693                  | 5,963,509            | 1,790,693          |
| 5.03       | Adjusted opening balances                     | 4,540,000       | 30                                                   | -                | (367,214)                              | 1,790,693                  | 5,963,509            | 1,790,693          |
| 5.05       | Total comprehensive income                    | -               | -                                                    | -                | (934,747)                              | 1,165,766                  | 231,019              |                    |
| 5.05.01    | Profit for the year                           | -               | -                                                    | -                | (934,747)                              | -                          | (934,747)            |                    |
| 5.05.02    | Other comprehensive income                    | -               | -                                                    | -                | -                                      | 1,165,766                  | 1,165,766            |                    |
| 5.05.02.04 | Translation adjustments for the year          | -               | -                                                    | -                | -                                      | (486,890)                  | (486,890)            |                    |
| 5.05.02.06 | Actuarial gains on pension plan, net of taxes | -               | -                                                    | -                | -                                      | (221,949)                  | (221,949)            |                    |
| 5.05.02.07 | Available-for-sale assets, net of taxes       | -               | -                                                    | -                | -                                      | 711,942                    | 711,942              |                    |
| 5.05.02.08 | (Loss) / gain on the percentage change in     | -               | -                                                    | -                | -                                      | 1,299                      | 1,299                |                    |

|            |                  |           |    |   |             |           |           |    |   |
|------------|------------------|-----------|----|---|-------------|-----------|-----------|----|---|
|            | investments      |           |    |   |             |           |           |    |   |
|            | (Loss) / gain on |           |    |   |             |           |           |    |   |
| 5.05.02.09 | hedge            | -         | -  | - | -           | 1,083,412 | 1,083,412 |    |   |
|            | accounting, net  |           |    |   |             |           |           |    |   |
|            | of taxes         |           |    |   |             |           |           |    |   |
|            | (Loss) / gain on |           |    |   |             |           |           |    |   |
| 5.05.02.10 | net investment   | -         | -  | - | -           | 77,952    | 77,952    |    |   |
|            | hedge, net of    |           |    |   |             |           |           |    |   |
|            | taxes            |           |    |   |             |           |           |    |   |
| 5.06       | Internal changes |           |    |   |             |           |           |    |   |
|            | in shareholders' | -         | -  | - | -           | -         | -         |    | ( |
|            | equity           |           |    |   |             |           |           |    |   |
| 5.06.04    | Non-controlling  |           |    |   |             |           |           |    |   |
|            | interests in     | -         | -  | - | -           | -         | -         |    | ( |
|            | affiliates       |           |    |   |             |           |           |    |   |
| 5.07       | Closing balance  | 4,540,000 | 30 | - | (1,301,961) | 2,956,459 | 6,194,528 | 1, |   |

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**Consolidated Financial Statements / Statement of Changes in Equity - 1/1/2015 to 12/31/2015****(R\$ thousand)**

| <b>Code</b> | <b>Description</b>                     | <b>Paid-in capital</b> | <b>Capital reserve, granted options and treasury shares</b> | <b>Earnings reserve</b> | <b>Retained earnings (accumulated losses)</b> | <b>Other comprehensive income</b> | <b>Shareholders' equity</b> | <b>Non-current assets</b> |
|-------------|----------------------------------------|------------------------|-------------------------------------------------------------|-------------------------|-----------------------------------------------|-----------------------------------|-----------------------------|---------------------------|
| 5.01        | Opening balances                       | 4,540,000              | 301,131,298                                                 |                         | -                                             | 25,140                            | 5,696,468                   |                           |
| 5.03        | Adjusted opening balances              | 4,540,000              | 301,131,298                                                 |                         | -                                             | 25,140                            | 5,696,468                   |                           |
| 5.04        | Capital transactions with shareholders | -                      | -                                                           | (284,390)               | -                                             | -                                 | (284,390)                   |                           |
| 5.04.04     | Treasury shares acquired               | -                      | -                                                           | (9,390)                 | -                                             | -                                 | (9,390)                     |                           |
| 5.04.06     | Dividends                              | -                      | -                                                           | (275,000)               | -                                             | -                                 | (275,000)                   |                           |
| 5.05        | Total comprehensive income             | -                      | -                                                           | -                       | (1,214,122)                                   | 1,765,553                         | 551,431                     |                           |
| 5.05.01     | Profit for the period                  | -                      | -                                                           | -                       | (1,214,122)                                   | -                                 | (1,214,122)                 |                           |
| 5.05.02     | Other comprehensive income             | -                      | -                                                           | -                       | -                                             | 1,765,553                         | 1,765,553                   |                           |
| 5.05.02.04  | Translation adjustments for the period | -                      | -                                                           | -                       | -                                             | 513,685                           | 513,685                     |                           |
| 5.05.02.06  |                                        | -                      | -                                                           | -                       | -                                             | 27,695                            | 27,695                      |                           |

|            |                                                                                        |           |    |           |           |             |             |    |
|------------|----------------------------------------------------------------------------------------|-----------|----|-----------|-----------|-------------|-------------|----|
|            | (Actuarial<br>(losses) gains on<br>pension plan, net<br>of taxes<br>Available-for-sale |           |    |           |           |             |             |    |
| 5.05.02.07 | assets, net of<br>taxes                                                                | -         | -  | -         | -         | (273,544)   | (273,544)   |    |
| 5.05.02.08 | (Loss)/gain on<br>percentage<br>change in<br>investments                               | -         | -  | -         | -         | 1,980       | 1,980       |    |
| 5.05.02.09 | (Loss) gain on<br>hedge<br>accounting, net<br>of taxes                                 | -         | -  | -         | -         | (1,440,471) | (1,440,471) |    |
| 5.05.02.10 | (Loss) / gain on<br>net investment<br>hedge                                            | -         | -  | -         | -         | (20,148)    | (20,148)    |    |
| 5.05.02.11 | (Loss)/gain<br>business<br>combination                                                 | -         | -  | -         | -         | 2,956,356   | 2,956,356   |    |
| 5.06       | Internal changes<br>in shareholders'<br>equity                                         | -         | -  | (846,908) | 846,908   | -           | -           | 1, |
| 5.06.01    | Earnings reserve                                                                       | -         | -  | (846,908) | 846,908   | -           | -           |    |
| 5.06.04    | Non-controlling<br>interests in<br>subsidiaries                                        | -         | -  | -         | -         | -           | -           | 1, |
| 5.07       | Closing balances                                                                       | 4,540,000 | 30 | -         | (367,214) | 1,790,693   | 5,963,509   | 1, |

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**Consolidated Financial Statements / Statement of Value Added**  
**(R\$thousand)**

| <b>Code</b> | <b>Description</b>                               | <b>Current Year</b>             | <b>First prior year</b>         | <b>Second prior year</b>        |
|-------------|--------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|
|             |                                                  | <b>01/01/2016 to 12/31/2016</b> | <b>01/01/2015 to 12/31/2015</b> | <b>01/01/2014 to 12/31/2014</b> |
| 7.01        | Revenues                                         | 19,793,391                      | 17,930,992                      | 0                               |
| 7.01.01     | Sales of products and rendering of services      | 19,587,410                      | 17,640,609                      | 0                               |
| 7.01.02     | Other revenues                                   | 227,979                         | 314,980                         | 0                               |
| 7.01.04     | Allowance for (reversal of) doubtful debts       | (21,998)                        | (24,597)                        | 0                               |
| 7.02        | Raw materials acquired from third parties        | (13,596,651)                    | (9,919,703)                     | 0                               |
| 7.02.01     | Cost of sales and services                       | (10,827,219)                    | (9,846,011)                     | 0                               |
| 7.02.02     | Materials, electric power, outsourcing and other | (2,699,488)                     | 466,009                         | 0                               |
| 7.02.03     | Impairment/recovery of assets                    | (69,944)                        | 15,597                          | 0                               |
| 7.02.04     | Others                                           | -                               | (555,298)                       | 0                               |
| 7.02.04.01  | Impairment of available-for-sale assets          | -                               | (555,298)                       | 0                               |
| 7.03        | Gross value added                                | 6,196,740                       | 8,011,289                       | 0                               |
| 7.04        | Retentions                                       | (1,322,497)                     | (1,171,937)                     | 0                               |
| 7.04.01     | Depreciation, amortization and depletion         | (1,322,497)                     | (1,171,937)                     | 0                               |
| 7.05        | Wealth created                                   | 4,874,243                       | 6,839,352                       | 0                               |
| 7.06        | Value added received                             | (390,560)                       | 4,873,844                       | 0                               |

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|               |                                                |             |             |   |
|---------------|------------------------------------------------|-------------|-------------|---|
| 7.06.01       | Equity in income of affiliates                 | 64,918      | 1,160,272   | 0 |
| 7.06.02       | Finance income                                 | 643,590     | 487,720     | 0 |
| 7.06.03       | Others                                         | (1,099,068) | 3,225,852   | 0 |
| 7.06.03.01    | Others and exchange gains                      | (1,099,068) | 3,225,852   | 0 |
| 7.07          | Wealth for distribution                        | 4,483,683   | 11,713,196  | 0 |
| 7.08          | Wealth distributed                             | 4,483,683   | 11,713,196  | 0 |
| 7.08.01       | Personnel                                      | 2,031,183   | 1,979,633   | 0 |
| 7.08.01.01    | Salaries and wages                             | 1,623,744   | 1,586,300   | 0 |
| 7.08.01.02    | Benefits                                       | 314,698     | 309,481     | 0 |
| 7.08.01.03    | Severance payment (FGTS)                       | 92,741      | 83,852      | 0 |
| 7.08.02       | Taxes, fees and contributions                  | 1,216,681   | 3,861,185   | 0 |
| 7.08.02.01    | Federal                                        | 953,466     | 3,521,805   | 0 |
| 7.08.02.02    | State                                          | 254,950     | 314,855     | 0 |
| 7.08.02.03    | Municipal                                      | 8,265       | 24,525      | 0 |
| 7.08.03       | Remuneration on third-party capital            | 2,079,316   | 7,090,253   | 0 |
| 7.08.03.01    | Interest                                       | 3,282,816   | 3,122,862   | 0 |
| 7.08.03.02    | Leases                                         | 23,848      | 16,271      | 0 |
| 7.08.03.03    | Others                                         | (1,227,348) | 3,951,120   | 0 |
| 7.08.03.03.01 | Others and exchange losses                     | (1,227,348) | 3,951,120   | 0 |
| 7.08.04       | Remuneration on Shareholders' capital          | (853,058)   | (1,215,964) | 0 |
| 7.08.04.03    | Retained earnings (accumulated losses)         | (934,747)   | (1,214,122) | 0 |
| 7.08.04.04    | Non-controlling interests in retained earnings | 81,689      | (1,842)     | 0 |
| 7.08.05       | Others                                         | 9,561       | (1,911)     | 0 |
| 7.08.05.01    | Gain (loss) on discontinued operations         | 9,561       | (1,911)     | 0 |





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## **2016 MANAGEMENT REPORT**

### **1- MESSAGE FROM MANAGEMENT**

In 2016, Brazil faced a strong economic and political crisis which, when combined with the adverse scenario on the international market, particularly in the steel sector, required enormous resilience from CSN. We are winning this challenge. To do so, we were able to count on the strength and quality of our team, improved our business strategies, increased exports, reduced costs and gained competitiveness.

Last year was also marked by the consolidation of the transaction to merge CSN's mining and logistics activities, involving CSN Mineração S.A. (formerly, Congonhas Minérios S.A.) and Nacional Minérios S.A. In 2016, the company traded approximately 37 million tons of iron ore.

In the steel segment, CSN traded 4.9 million tons, selling 43% of this total on the foreign market, through direct exports or through sales made by our offshore subsidiaries. This consolidates the increased share of exports in CSN's sales, following the trend seen last year.

In the cement sector, CSN showed that it intends to become an important player in the industry. In Arcos (State of Minas Gerais), the largest clinker furnace in Brazil is operating at full steam. We will continue investing in the expansion of production capacity to 5.7 million tons per year.

Another milestone in the year was the receipt of the “Pro-Ética” Seal issued by the Ministry of Transparency, Surveillance and Comptroller General of Brazil. The seal vouches for our concern for ethics, and our respect for best compliance practices. CSN is doing its bit to construct a more ethical business environment and collaborating towards a better society.

The year 2017 has brought challenges and will continue to do so. However, CSN sees these challenges as opportunities for improvement in our productive and management processes. We continue to believe in our work and in Brazil's recovery.

**Benjamin Steinbruch**

**Chairman of the Board of Directors**

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## **2- THE COMPANY**

With interests in steel, mining, cement, logistics and energy, CSN operates throughout the entire steel production chain, from the mining of iron ore to the production and sale of a diversified range of high value-added steel products. Thanks to this integrated production system and exemplary management, CSN's production costs are among the lowest in the sector where it operates.

CSN has an installed capacity of 5.9 million tons of crude steel, reaching 4.9 million tons sold in 2016, 57% of which in the domestic market and 43% in exports and sales by our overseas subsidiaries.

In 2016, CSN produced and sold approximately 3.1 million tons of cement from two production units located in Volta Redonda (RJ) and Arcos (MG).

CSN is one of the largest industrial electricity consumers in Brazil, holding electricity generation assets through interest in consortiums of hydropower plants. It also generates energy integrated to its production process, thereby ensuring its energy self-sufficiency.

## **3- OUTLOOK, STRATEGY and INVESTMENTS**

CSN has been investing in its five operational segments to enhance its units' competitive advantages and review the Company's business portfolio and projects to maximize the return to the shareholders.

### **3.1- STEEL**

The Presidente Vargas Steelworks in Volta Redonda is CSN's most important steel production unit, with an installed crude steel production capacity of 5.9 million tons per year. In addition to its units in Brazil, CSN has three subsidiaries abroad: CSN LLC, in the State of Indiana, U.S.A., Lusosider, in Portugal, and SWT - Stahlwerk Thuringen, in Germany. In 2016, the main strategies of the steel units included: i) maximizing the use and sale of coated products; ii) the reduction of finished product inventory; and iii) cost reduction and increase in energy efficiency.

### **3.2- MINING**

CSN Mineração is Brazil's second largest iron ore exporter in terms of sales of iron ore. In 2016, it sold approximately 37 million tons of iron ore, of which 4.1 million tons went to the Presidente Vargas Steelworks. In turn, Tecar, a port terminal operated by CSN Mineração and located in Itaguaí Port, shipped approximately 32 million tons of iron ore in 2016.

### **3.3- CEMENT**

The Company has continued to invest in expanding its production capacity to 5.7 million tons per year. In Arcos (MG), two new crushing facilities were delivered in 2015, and in 2016, the new clinker furnace was installed, increasing annual capacity by 2.3 million tons of cement. Currently, CSN is self-sufficient in the production of clinker and cement, being one of the most competitive players in the regions where it operates.

### **3.4 – LOGISTICS**

#### **Ports**

Tecon, a port managed by Sepetiba Tecon, a subsidiary of CSN, is the largest terminal in terms of container turnover in Rio de Janeiro and one of the largest in its segment in Brazil. In order to expand the terminal, the Company has been investing in infrastructure, including the acquisition of new equipment, as well as the equalization of Berth 301, which was transformed into a continuous quay, enabling the handling of several large vessels simultaneously, thereby raising capacity to more than 600,000 TEUs per year. The Company continues to expand its commercial lines through new services. Its portfolio includes long-haul, direct connection lines to Asia and the Gulf of Mexico, in addition to coastal navigation, reaching the Mercosur and Brazil's coast.



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**Railways**

CSN retains an interest in three rail companies: MRS Logística S.A., Transnordestina Logística S.A. and FTL Ferrovia Transnordestina Logística.

**MRS**

CSN holds, directly and indirectly, a 34.94% interest in MRS Logística, which operates the former Southeastern Network of the Federal Railways (RFFSA), in the Rio de Janeiro - São Paulo - Belo Horizonte corridor. MRS' rail services play a vital role in supplying the Presidente Vargas Steelworks with raw materials, such as iron ore, coke and coal. It also transports all the iron ore for export, as well as some of CSN's steel and cement output.

**Transnordestina Logística S.A. (TLSA)**

TLSA is the concession holder for the construction of Nova Transnordestina, a 1,753 km railway connecting the rail terminal in Eliseu Martins (PI) to the Ports of Suape (PE) and Pecém (CE), crossing several cities in the states of Piauí, Pernambuco and Ceará. The railway's projected annual operating capacity of 30 million tons will play a crucial role in the development of the Northeast region, providing logistical support for the oil and by-product, agriculture and mining sectors, among others.

**FTL - Ferrovia Transnordestina Logística S.A. (FTL)**

FTL operates the former Northeastern network of the RFFSA, traversing seven states: Maranhão, Piauí, Ceará, Rio Grande do Norte, Paraíba, Pernambuco and Alagoas, with a total extension of 4,534 km and a current operating capacity of around two million tons per year, with emphasis to fuel cargo, cement and pulp, among others. Currently, FTL's operational railway network connects the states of Maranhão, Piauí and Ceará through its 1,191 kilometers. The traffic on the remaining rail stretches has been suspended. Said stretches are under negotiations to return to the ANTT and DNIT.

#### **4- MAIN CORPORATE EVENTS**

##### **Corporate restructuring of indirect subsidiaries**

- **CGPAR Construção Pesada S.A. ("CGPAR")**

On September 30, 2016, CSN acquired 50% stake in CGPAR, which used to be held by GPA Construção Pesada e Mineração Ltda. CSN became holder of 100% of the CGPAR's capital stock.

- **Cia. Metalic Nordeste ("Metalic")**

On November 30, 2016, CSN sold all shares issued by Metalic, a CSN subsidiary, to Can-Pack Brasil Indústria de Embalagens Ltda., a subsidiary of Can-Pack S.A., a Polish metal packaging manufacturer and trader. The transaction amounted to R\$372,536,929.29.

- **Other transactions**

At the end of 2016, CSN Islands IX, located in the Cayman Islands, and Namisa Europe Lda., located in Portugal, were sold.

##### **Constitution of subsidiaries**



In 2016, the subsidiaries CSN Américas S.L.U. and CSN Steel S.L.U. founded Aceros México CSN as a commercial and steel office (imports for resale or imports for account and order).

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## **5- CORPORATE GOVERNANCE**

### **Restatement of the Financial Statements for the year ended December 31, 2015**

At the end of 2016, the Company decided to review the accounting treatment given to the transaction it conducted on November 30, 2015 and concluded on December 31, 2015, which resulted in the business combination of the related logistics and mining segments involving its subsidiary CSN Mineração S.A (former Congonhas Minérios S.A.) and Nacional Minérios S.A. (NAMISA), with no changes in its business structure, which led significant adjustments and, consequently, the need to restate the financial statements for the year ended December 31, 2015. It is worth noting that said financial statements, in turn, had already been voluntarily restated on November 14, 2016 due to changes in interpretation for the application of the Technical Pronouncement CPC 15/ IFRS 3 – Business Combinations identified in discussions that the Company had with its independent auditors on the accounting procedure for the presentation of the item of non-controlling interest of CSN Mineração S.A. in the consolidated financial statements. Due to the restatement of the financial statements for the year ended December 31, 2015, the revalidation process had to be extended and the procedures expanded in view of the auditing standards to which the Company is subject, extensions applicable to the financial statements for the year ended December 31, 2016 which, in the end, prevented the reissue and issue of the financial statements for the year ended December 31, 2015 and 2016, respectively.

### **Investor Relations**

CSN continues to expand its communication channels, aiming to increase the Company's transparency and exposure through new coverage by financial institutions and participation in events and conferences.

### **Capital Stock**

CSN's capital stock is divided into 1,387,524,047 book-entry common shares with no par value, each common share having the right of one vote at the Company's Shareholders' Meetings.

Controlled by Vicunha Aços S.A., Rio Iaco Participações S.A., CFL Participações S.A. and Vicunha Têxtil S.A., which retain 49.21%, 4.19%, 0.29% and 0.36% of the Company's total capital, respectively, CSN's management is exercised by the Board of Directors and Board of Executive Officers.

### **CSN – Ownership Breakdown on December 31, 2016 (%)**

**Annual Shareholders' Meeting**

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In accordance with the prevailing legislation, once a year the shareholders meet at the Annual Shareholders' Meeting to elect the members of the Board of Directors, examine management's accounts and the financial statements, and resolve on the allocation of annual net income and the eventual payment of dividends. Whenever necessary, Extraordinary Shareholders' Meetings may be called to resolve on specific issues that are not within the normal scope of the Annual Meeting.

### **Board of Directors**

The Board of Directors comprises up to eleven members, who meet on a routine basis on the dates established by the annual calendar approved by it and on an extraordinary basis whenever necessary. Members are elected for a two-year term of office, re-election being permitted. The current Board of Directors is composed of seven members. Its responsibilities include defining and monitoring the Company's policies and strategies, overseeing the activities of the Board of Executive Officers and deciding on relevant matters involving the Company's businesses and operations. It is also responsible for electing and removing the Executive Officers and may, if necessary, constitute special advisory committees.

### **Board of Executive Officers**

Currently composed of five Officers, one of whom is the CEO, the Board of Executive Officers is responsible for managing and administering the Company's social businesses, respecting the guidelines and resolutions of the Board of Directors and the Annual Shareholders' Meeting. The members of the Board of Executive Officers meet whenever called to do so by the CEO or two other officers. Each officer is responsible for conducting the operations of his or her respective area. Officers are elected for a two-year term, re-election being permitted.

### **Audit Committee**

The Audit Committee has autonomy to make decisions on all matters concerning Sections 301 and 407 of the Sarbanes-Oxley Act. Its main responsibilities include reviewing the financial statements and other public information about the Company's operating performance and financial condition and making recommendations to the Board of Directors on matters concerning the indication, hiring and compensation of the external auditors, as well as accompanying the internal and external audits.

## Internal Audit

CSN maintains an Internal Audit Department, which acts independently within the organization to assist and communicate material facts to the Board of Directors, the Audit Committee and the Board of Executive Officers. It is responsible for ensuring the appropriate allocation of resources and protecting the assets of the CSN Group companies, providing support for compliance with the planned results, upgrading processes and internal controls in order to enhance financial and operating performance, as well as preventing the risk of losses or fraud and, consequently, any damage to CSN's corporate image.

## Independent Auditors

The independent auditors, Deloitte Touche Tohmatsu, who provided auditing services to CSN and its subsidiaries in 2016, were also hired to issue an opinion about the quarterly and annual financial statements.

No additional services were provided in 2016.

| <b>Amounts related to services provided by the Company's auditors</b> | <b>(R\$ thousand)</b> |
|-----------------------------------------------------------------------|-----------------------|
| External audit fees                                                   | 5,646                 |
| <b>Total</b>                                                          | <b>5,646</b>          |

Services additional to the examination of the financial statements are submitted for prior approval to the Audit Committee in order to ensure that, based on the pertinent legislation, they do not represent a conflict of interest or jeopardize the auditors' independence or objectivity. In accordance with CVM Instruction 480/09, the Board of Executive Officers declared on 10/27/2017 that they had discussed, reviewed, and were in full agreement with the opinions expressed in the independent auditor's report and with the financial statements for the fiscal year ended December 31, 2016.



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**Sarbanes-Oxley Act**

The Company's governance structure includes Corporate Risk Management, which reports to the Risk and Compliance Department whose responsibilities include assessing the risks that may impact the financial statements and defining internal controls to mitigate such risks, together with the managers responsible for business processes. The Company evaluates the effectiveness of its internal control structure, in compliance with 2013 COSO principles and the Sarbanes-Oxley Act (SOX), and the result of this assessment is reported to senior management and to the Audit Committee.

The Company's governance structure also includes the Internal Audit department, responsible for auditing business processes and the independent monitoring of internal controls.

The Company is in the final stage of certification of its internal controls related to the 2016 Consolidated Financial Statements, in compliance with Section 404 of the Sarbanes-Oxley Act.

**Code of Ethics**

The CSN companies maintain a Code of Ethics, whose objective is to establish guidelines governing the personal and professional conduct expected in relations with employees, clients, shareholders, suppliers, communities, competitors and the environment. The code is made available to all stakeholders and business partners, and is used as a declaration of conduct in the company and of the commitments assumed. Its content is in the public domain and is available at [www.csn.com.br](http://www.csn.com.br).

The Company's Risk and Compliance Department is responsible for the Integrity Program aimed at ensuring business transparency and compliance with the standards of ethical conduct in the exercise of our activities. This process includes the continuous training of employees and the monitoring of compliance with laws, regulations, internal policies and standards. In 2016, the Company was granted the "Pro-Ética" Seal issued by the Ministry of Transparency, Surveillance and Comptroller-General of Brazil. The seal was the result of the annual evaluation of the Integrity Program, and it reflects the efforts made by the public and private sectors to foster a corporate environment that is fairer, more ethical and more transparency.

The Company also provides whistleblowing channels for reporting improper conduct or suspicions. The employees, third parties and external audiences can blow the whistle anonymously, or identify themselves. Secrecy, confidentiality and non-retaliation are assured. Complaints are handled by Compliance Investigation Management, which reports to the Risk and Compliance Department.

### **Disclosure of Material Acts and Facts**

CSN maintains a Material Act or Fact Disclosure Policy, which determines that all such disclosures must contain information that is accurate, consistent, appropriate, transparent, unified and within the proper timeframes, in accordance with CVM Instruction 358/2002 and Section 409 – Real Time Issuer Disclosure of the Sarbanes-Oxley Act. In late 2016, the Company approved a new Disclosure and Trading Policy that changed the way it discloses its Material Acts and Facts, which are now published in the News Portal of the Folha de São Paulo newspaper, as well as on the websites of the Comissão de Valores Mobiliários [Brazilian Securities Commission], and the B3 S.A. – Brasil Bolsa, Balcão [São Paulo Stock Exchange], as well as on the Company's Investor Relations website.

## **6- INNOVATION**

The Company has a tradition of pioneering spirit and innovation as an intrinsic part of its history. For more than 60 years, our Research Center has been recognized for developing new products and new solutions to the market. This represents the true essence of its activities, turning innovation into the engine powering economic growth.



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In 2015, the company created the INOVA CSN unit, whose purpose is to enable innovation projects related to products, processes, energy efficiency and the environment in the Company's business units. INOVA CSN connects the company to the technological and scientific development environment, in Brazil and abroad, in the pursuit of innovations that add value to the Company, its clients and the communities in which we operate. One of the highlights of the Strategic Innovation Plan in force is the Product Innovation project with industrial-scale development of Advanced High-Strength Steels used in the automobile industry.

CSN manages intellectual property rights, including trademarks, patents, and industrial designs, ensuring adequate protection for the Company and encouraging sales, through contracts for the technological transfer of know-how resulting from its own innovation developments.

## **7- PEOPLE**

CSN's People Management model is based on the conviction that human capital is our competitive advantage and the best way to ensure our performance in the market where we operate.

CSN's integrated and efficient people management is based on five pillars: Attract; Align and Engage; Evaluate; Develop; Recognize and Reward –, investing in projects aimed at professional development and improvement, thereby contributing to the growth of the organization and its people.

To maintain a high-performing and qualified team, each year, we improve our programs to attract, develop and retain talent at different levels. These programs are in line with our strategic guidelines. In 2016, we invested 345,482 thousand hours in training, with the goal of generating knowledge and developing the skills necessary to achieve corporate goals.

The year of 2016 was marked by the update of our new Performance Evaluation model, which is now named “SuperAÇÃO.” The program assesses the performance (measured through the monitoring of targets) and competences (which are behaviors rooted in CSN’s Essence: doing more, doing better, doing always). We take into account the following competencies: Delivery, Leadership (for Managers only), Teamwork, Communication, Passion, Innovation, Initiative, Optimization, Learning, Change, Sustainability and Future. The behavioral evaluation is structured in three stages (self-assessment, manager’s assessment and a consensus meeting).

SuperAÇÃO results are part of our PPR indices, which seek to continuously leverage our results and encourage meritocracy, in addition to supporting corporate development actions.

Where Leadership is concerned, we wish to highlight the performance of the Key Player Leadership module, whose purpose is to develop a change in attitude in the face of daily challenges, and expand people’s view of playing a leading role, even in situations lacking flexibility and/or resources, focusing on common business objectives. This module applied an innovative method that allowed a greater adherence by the participating managers.

Another highlight in 2016 were the actions to develop the employees identified as potential successors, through the Career and Succession program. Through this practice, we identify and evaluate potential successors, continuously bringing forward new leaders in line with the organization’s culture and strategies, with the aim of the sustainability and growth of CSN group’s business.

CSN closed 2016 with around 23,000 direct employees and 12,000 indirect employees and a turnover rate of around 13%, one of the lowest in the industrial sector.

## **8 - SOCIAL RESPONSIBILITY**

CSN’s social responsibility projects are created to value the potential of each region where it operates and their respective communities, in partnership with the local government and society. From 2006 to 2016, the amount invested by CSN surpassed R\$167 million. In 2016 alone, investments amounted to R\$11.9 million in the educational, cultural, sporting and health areas through CSN Foundation initiatives and through projects developed by partner institutions, supported by tax incentives.

The CSN Foundation’s cultural and educational initiatives are present in the “Garoto Cidadão” project, which provides social and cultural activities for 1,500 socially vulnerable children and teenagers in the communities where the company operates. In 2016, in order to foster education and contribute to the construction of equal opportunities, the CSN Foundation innovated with its international scholarship program called “Ganhar o Mundo,” in which 781 people were enrolled to compete for 30 scholarships. The “Histórias que Ficam” program, a N Foundation initiative that provides consulting services, and stimulates

and promotes Brazilian documentary films, conducted a public debate about film editing and offered consulting services for the four films selected, which are now being produced. The program was also a partner in DocSP, an event sponsored by CSN to promote distribution labs with renowned professionals of the audiovisual sector.

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CSN Foundation maintains two technical schools, one in Volta Redonda (RJ) and another in Congonhas (MG), which had 1,023 students in 2016, 281 of whom on scholarships, while the Bela Vista Hotel-School, in Volta Redonda, offers 176 places per year for courses in hotel management, providing professional qualification in various areas. 1,012 students have been trained since 2007.

Among the initiatives sponsored by CSN, we highlight the Unibes Cultural programming, the “Diálogo no Escuro” exhibition, the restoration of Palácio Laranjeiras, in addition to sports training projects of Volta Redonda and Audax clubs. CSN also sponsored projects in the National Cancer Care Support Program and the Health Care Support Program for People with Special Needs (PRONAS and PRONON) and the Senior Citizens’ Fund, as well as the initiatives of the Support Group for Children with Special Needs (AACD) and the Barretos-SP Cancer Hospital.

## **9 - SOCIAL AND ENVIRONMENTAL RESPONSIBILITY**

CSN maintains various social, environmental and sustainability management instruments in order to act in a purposeful way and meet the needs of the various stakeholders involved in the communities and businesses where it operates. The Company's sustainability practices have as main objectives the creation of sustainable values and the management of environmental risks; the optimization and efficiency in the use of natural resources and the control of potential impacts.

The companies that received the ISO 14001 Certification are: Casa de Pedra (Congonhas, MG), Presidente Vargas Steelworks (Volta Redonda/ RJ), Porto Real Branch (Porto Real/RJ), Bocaina Mine (Arcos, MG), Paraná Branch (Araucária/PR), TECON (Sepetiba/RJ), Prada distribution unit (Mogi das Cruzes/ SP). All other units are currently in the process of implementing the SGA, and they have been following a corporate program in order to progressively advance based on ISO 14001 Certification guidelines.

SGA development is under the responsibility of the Internal Environmental Management Committee (CIGA), which includes professionals of the environmental and operating areas of the units. This group meets on a monthly basis to ensure continuous improvement of the SGA being implemented, and to detect and prevent possible environmental impacts.

With the potential risk of scarce water resources, mainly in the Southeast, CSN has been continuing several actions to increase the efficiency of water use in its production processes, with emphasis on the water reuse index of over 92% in Presidente Vargas Steelworks (UPV). The Company prepared the Water Inventory in the following units: UPV (RJ), CSN Cimentos (RJ), Namisa and Casa de Pedra (MG), TECAR and TECON (RJ), enabling plans and measures to be efficiency and reduction of potential impacts.

Since 2010, CSN has been undertaking an inventory of its greenhouse gas emissions in line with GHG Protocol guidelines, in order to provide input for managing carbon, mitigating risks and adapting to climate change. In response to requests from investors, the Company reports on a yearly basis, to the Carbon Disclosure Project (CDP), the guidelines it follows regarding climate change, supply chain and water resources.

The Company has also adopted other sustainability strategies. Since 2012, CSN has participated in the Climate Forum promoted by the Ethos Social Responsibility Institute. In 2015, the Company joined the “Open Letter to Brazil on Climate Change” initiative, according to which the Brazilian government would assume a leading role during the 21st United Nations Framework Convention on Climate Change (UNFCCC), or COP-21.

In 2015, the company was an early mover by participating in the first ABNT Carbon Footprint certification program, receiving the seal for its Hot Rolled Coil products and mapping out all emissions from its production chain. This certification gives our product greater transparency regarding process quality, risk management and climate change- related opportunities.

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In 2015, CSN's SGR – Waste Management System at the Presidente Vargas Steelworks was among the award-winning projects at the 56<sup>th</sup> Congress of the Latin American Steel Association (ALACERO). Among the 33 projects enrolled, the jury elected CNS's initiative due to its innovation and applicability at other plants.

Finally, CSN has been constantly mapping its stakeholders and, since 2012, it uses mapping criteria to assess environmental, social and economic impacts, in accordance with the Global Reporting Initiative (GRI) guidelines, for all its operations. The data and indicators obtained in this process allow CSN to monitor its performance and assess its exposure to social and environmental risks and future opportunities.

## **10 - DISCLAIMER**

Certain of the statements contained herein are forward-looking statements and projections, which express or imply results, performance or events that are expected in the future. Actual results, performance or events may differ materially from those expressed or implied by the forward-looking statements as a result of several factors, including general and economic conditions in Brazil and in other countries, interest rate and exchange rate levels, future renegotiations and prepayment of foreign-currency liabilities or loans, protectionist measures in Brazil, the United States and other countries, changes in laws and regulations and general competitive factors (on a regional, national or global basis).

CSN's financial information presented herein is in accordance with international financial reporting standards (IFRS) issued by the International Accounting Standards Board (IASB), and with the accounting practices adopted in Brazil. Non-financial information, as well as other operating information, has not been audited by the independent auditors.



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**1. DESCRIPTION OF BUSINESS**

Companhia Siderúrgica Nacional “CSN”, also referred to as the Company or Parent Company, is a publicly-held company incorporated on April 9, 1941, under the laws of the Federative Republic of Brazil (Companhia Siderúrgica Nacional, its subsidiaries, joint ventures, joint operations and associates are collectively referred to herein as the “Group”). The Company’s registered office is located in São Paulo, SP, Brazil.

CSN is listed on the São Paulo Stock Exchange (BM&F BOVESPA) and on the New York Stock Exchange (NYSE). Accordingly, the Company reports its information to the Brazilian Securities Commission (CVM) and the U.S. Securities and Exchange Commission (SEC).

The Group's main operating activities are divided into five (5) operating segments as follows:

- **Steel:**

The Company’s main industrial facility is the Presidente Vargas steelworks (“UPV”), located in the city of Volta Redonda, State of Rio de Janeiro. This segment consolidates production, distribution and sale of flat



steel, long steel, metallic containers and galvanized steel. In addition to the facilities in Brazil, CSN has operations in the United States, Portugal and Germany, all of them are in line with the plan to achieve new markets and perform excellent services for final consumers. Its steel has been used in home appliances, civil construction and automobile industries.

- **Mining:**

The production of iron ore is developed in the city of Congonhas, State of Minas Gerais.

Iron ore is sold basically in the international market, especially in Europe and Asia. The prices charged in these markets are historically cyclical and subject to significant fluctuations over short periods of time, driven by several factors related to global demand, strategies adopted by the major steel producers, and the foreign exchange rate. All these factors are beyond the Company's control. The ore transportation is accomplished by Terminal de Carvão e Minérios do Porto de Itaguaí - TECAR, a solid bulk terminal, one of the four terminals that compose the Port of Itaguaí, located in Rio de Janeiro. Imports of coal and coke are held through this terminal and directed to the steel industry of CSN.

On November 30, 2015 the Company has transferred to its subsidiary CSN Mineração S.A. (previous Congonhas Minérios S.A.) the mining assets, the logistical infrastructure, including the mine Casa de Pedra, the right to operate the terminal TECAR, S.A. and equity interest in MRS Logística S.A. ("MRS"). On the same date, the business combination of Nacional Minérios S.A. ("Namisa"), result in participation of Asian Consortium of 12.48% stake in CSN Mineração S. A.

The Company's mining activities also comprises tin exploitation, which is based in the State of Rondônia, this facility is engaged to supply the needs of UPV, with the excess of raw materials being sold to subsidiaries and third parties.

- **Cement:**

CSN entered in the cement market boosted by the synergy between this new activity and its existing businesses. Next to the Presidente Vargas Steelworks (UPV) in Volta Redonda (RJ) is installed the new business unit CSN Cimentos, which produces CP-III type of cement by using slag produced by the UPV blast furnaces in Volta Redonda. It also explores limestone and dolomite at the Arcos unit, located in the State of Minas Gerais, to satisfy the needs of UPV as of the cement plant.



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In the second half of 2016, the Company started the operation of a new clinker kiln in Arcos, where the company already operates a clinker kiln using its limestone of a company-owned mine and two cement mills. With this project, the cement production capacity in the Southeast will reach 4.4 million tons per year. At a later stage the Company evaluates the deployment of an advanced milling unit, adding another 1 million tons.

- **Logistics**

*Railroads:*

CSN has interests in three railroad companies: MRS Logística S.A., which explores the former Southeast Railway System of Rede Ferroviária Federal S.A. (“RFFSA”), Transnordestina Logística S.A. (“TLSA”) and FTL - Ferrovia Transnordestina Logística S.A. (“FTL”), concessionaires of the former Northeast Railway System of RFFSA, in the States of Maranhão, Piauí, Ceará, Rio Grande do Norte, Paraíba, Pernambuco and Alagoas, with TLSA being responsible for the rail links of Missão Velha-Salgueiro, Salgueiro-Trindade, Trindade-Eliseu Martins, Salgueiro-Porto de Suape and Missão Velha-Porto de Pecém (Railway System II) and FTL being responsible for the rail links of São Luiz-Mucuripe, Arrojado-Recife, Itabaiana-Cabedelo, Paula Cavalcante-Macau and Propriá-Jorge Lins (Railway System I).

*Ports:*

In the State of Rio de Janeiro, by means of its subsidiaries Sepetiba Tecon S.A. and CSN Mineração, the Company operates the Container Terminal (Tecon) and the solid bulk terminal (Tear), respectively, both located at the Itaguaí Port. Established in the harbor of Sepetiba, the mentioned port has a privileged highway, railroad and maritime access.

Tecon is responsible for the shipments of CSN's steel products, movement and storage of containers, consolidation and deconsolidation of cargo; The Tecar's port terminal is engaged to the iron ore shipment overseas and to the landing of coal, petroleum, coke, sulfur and zinc concentrate for our own operation and for third parties.

- **Energy:**

Since the energy supply is fundamental in CSN's production process, the Company owns and operates facilities to generate electric power for guaranteeing its self-sufficiency.

The note 27 - "Segment Information" details the financial information per each of CSN's business segment.

- **Going Concern**

On December 31, 2016, the Company has borrowings amounting to R\$30.5 billion, of which R\$28.3 billion have maturities in the long term, as mentioned in note 13 to the financial statements. Until the 3rd quarter of 2017, the Company amortized principal and interest the amount of R\$2.9 billion, and for the 4th quarter of 2017 it expects to amortize principal and interest in the amount of R\$1.1 billion. During 2018 the borrowings are expected to be repaid and, including interest to be incurred next year, amount to approximately R\$7.7billion.

The financial leverage may adversely affect the businesses, financial conditions and operating results. Which can entail the following considerations:

- Allocation of a substantial part of the cash generated from operations for repayment of the borrowings.
- Exposure (i) to fluctuations in interest rates due to the renegotiation of debts and new borrowings taken, and fluctuations in exchange rates since a significant part of the borrowings is denominated in foreign currency.
- Increase in the economic and financial vulnerability due to adverse conditions of the industry and segment, limiting the funds available in the short term, considering the high financial leverage and the expected cash disbursements;

- Limitation of the Company's ability to enter into new businesses (acquisitions) until the financial leverage is reduced;
- Limitation of the Company's ability to obtain new credit lines under more favorable interest conditions due to the risks associated to the current financial leverage.

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The Company reported accounting losses in recent periods (R\$0.9 billion in 2016), mainly due to the financial leverage since the cost of debt (R\$3.3 billion in 2016) is currently higher than the pre-tax operating income (R\$ 1.0 billion in 2016). The Company's ability to continue operating depends, therefore, on the achievement of operating targets defined by Management, in addition to refinancing of contracted debts, and/or actions related to financial deleveraging.

In addition to the continuous focus on improvement in operating income, which showed an evolution in 2016 when compared to the previous year, Management has various actions in progress to increase the Company's liquidity through an extension of borrowing payment terms.

This plan was started in 2015, with the renegotiation of R\$ 2.5 billion with Caixa Econômica Federal and R\$ 2.2 billion with Banco do Brasil S.A, postponing the maturities from 2016 and 2017 to 2018 through 2022. In 2016, the Company extended the installments of certain NCE contracts amounting to R\$ 100 million and prepayments of US\$ 66 million with Bradesco, postponing the maturities from 2016 to 2019. For 2017, Management remains committed to the plan to extend its debt payment term, mainly those of short term, estimating the renegotiation of borrowings at R\$ 1.5 billion.

Additionally, Management studies alternatives to financial deleverage from the disposal of non-strategic assets; however, it is not possible to affirm that the sale of assets will occur within a 12-month period. Thus, the Company did not segregate and did not reclassify any assets in the financial statements as discontinued operations in accordance with CPC 31 (IFRS 5).

Based on Management's cash flow projections that covered the period until December 2018 as of the date of these financial statements, which depend on factors such as the achievement of production targets, sales volumes and prices, as well as on renegotiations of borrowings, Management believes that the Company has appropriate resources to continue as a going concern in a reasonably estimable period of time. Accordingly, the Company's financial statements for the year ended December 31, 2016 have been prepared on the assumption that the Company will continue as a going concern.

## **2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

### **2.a) Basis of preparation**

The consolidated and parent company financial statements have been prepared and are being presented in accordance with accounting practices adopted in Brazil in compliance with Brazilian Corporate Law, pronouncements, guidelines and Interpretations issued CPC (Accounting Pronouncements Committee), rules issued by CVM (Brazilian Securities Commission) and International Financial Reporting Standards (IFRS) issued by the International Accounting Standards Board (IASB) and highlight all the relevant information of the financial statements, and only this information, which correspond to those used by the Company's management.

The preparation of financial statements in conformity with IFRS and CPC requires the use of certain critical accounting estimates. It also requires management to exercise its judgment in the process of applying the Company's accounting policies. It is disclosed in the notes to this report all subjects involving a high degree of judgment or complexity, or when assumptions and estimates are significant to the consolidated financial statements, those subjects are related to the allowance for doubtful debts, provision for inventory losses, provision for labor, civil, tax, environmental and social security contingences, depreciation, amortization, depletion, provision for impairment, deferred taxes, financial instruments and employee benefits. Actual results may differ from these estimates.

The financial statements are presented in thousands of Brazilian reais (R\$). Depending on the applicable IFRS standard, the measurement criteria used in preparing the financial statements considers the historical cost, net realizable value, fair value or recoverable amount. When the IFRS and the CPC allows us to option between acquisition cost and other measurement criteria, the acquisition cost was the criteria used.

The consolidated and parent company interim financial statements were approved by the Board of Directors on October 27, 2017.

### **2.b) Consolidated financial statements**





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The accounting policies have been consistently applied to all consolidated companies. The consolidated financial statements for the years ended December 31, 2016 and 2015 include the following direct and indirect subsidiaries, joint ventures and joint operations, as well as the exclusive funds, as follows:

| <b>Companies</b>                                           | <b>Equity interests (%)</b> |                                 |
|------------------------------------------------------------|-----------------------------|---------------------------------|
|                                                            | <b>12/31/2016</b>           | <b>12/31/2015 Core business</b> |
| <b>Direct interest in subsidiaries: full consolidation</b> |                             |                                 |
| CSN Islands VII Corp.                                      | 100.00                      | 100.00 Financial transactions   |
| CSN Islands IX Corp. (1)                                   |                             | 100.00 Financial transactions   |
| CSN Islands XI Corp.                                       | 100.00                      | 100.00 Financial transactions   |
| CSN Islands XII Corp.                                      | 100.00                      | 100.00 Financial transactions   |
| CSN Minerals S.L.U.                                        | 100.00                      | 100.00 Equity interests         |
| CSN Export Europe, S.L.U.                                  | 100.00                      | 100.00 Financial transactions   |
| CSN Metals S.L.U.                                          | 100.00                      | 100.00 Equity interests and F   |
| CSN Americas S.L.U.                                        | 100.00                      | 100.00 Equity interests and F   |
| CSN Steel S.L.U.                                           | 100.00                      | 100.00 Equity interests and F   |
| TdBB S.A (*)                                               | 100.00                      | 100.00 Equity interests         |
| Sepetiba Tecon S.A.                                        | 99.99                       | 99.99 Port services             |
| Minérios Nacional S.A. (2)                                 | 99.99                       | 99.99 Mining and Equity inte    |
| Companhia Florestal do Brasil                              | 99.99                       | 99.99 Reforestation             |
| Estanho de Rondônia S.A.                                   | 99.99                       | 99.99 Tin Mining                |
| Cia Metalic Nordeste (3)                                   |                             | 99.99 Manufacture of conta      |
| Companhia Metalúrgica Prada                                | 99.99                       | 99.99 Manufacture of conta      |
| CSN Gestão de Recursos Financeiros Ltda. (*)               | 99.99                       | 99.99 Management of funds       |
| CSN Mineração S.A. (4)                                     | 87.52                       | 87.52 Mining and Equity inte    |
| CSN Energia S.A.                                           | 100.00                      | 99.99 Sale of electric power    |
| FTL - Ferrovia Transnordestina Logística S.A.              | 90.78                       | 89.79 Railroad logistics        |
| Nordeste Logística S.A.                                    | 99.99                       | 99.99 Port services             |
| CGPAR - Construção Pesada S.A. (5)                         | 100.00                      | Mining support servic           |

**Indirect interest in subsidiaries: full consolidation**

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|                                         |        |                               |
|-----------------------------------------|--------|-------------------------------|
| Companhia Siderúrgica Nacional LLC      | 100.00 | 100.00 Steel                  |
| CSN Europe Lda.                         | 100.00 | 100.00 Financial transactions |
| CSN Ibéria Lda.                         | 100.00 | 100.00 Financial transactions |
| Lusosider Projectos Siderúrgicos S.A.   | 99.94  | 99.94 Equity interests and p  |
| Lusosider Aços Planos, S. A.            | 99.99  | 99.99 Steel and Equity inter  |
| CSN Acquisitions, Ltd. (1)              |        | 100.00 Financial transactions |
| CSN Resources S.A.                      | 100.00 | 100.00 Financial transactions |
| CSN Holdings (UK) Ltd (1)               |        | 100.00 Financial transactions |
| CSN Handel GmbH (6)                     |        | 87.52 Financial transactions  |
| Companhia Brasileira de Latas           | 100.00 | 100.00 Sale of cans and com   |
| Companhia de Embalagens Metálicas MMSA  | 99.67  | 99.67 Production and sale o   |
| Companhia de Embalagens Metálicas - MTM | 99.67  | 99.67 Production and sale o   |
| CSN Steel Holdings 1, S.L.U.            | 100.00 | 100.00 Financial transactions |
| CSN Productos Siderúrgicos S.L.         | 100.00 | 100.00 Financial transactions |
| Stalwerk Thüringen GmbH                 | 100.00 | 100.00 Production and sale o  |
| CSN Steel Sections UK Limited (*)       | 100.00 | 100.00 Sale of long steel     |
| CSN Steel Sections Polska Sp.Z.o.o      | 100.00 | 100.00 Financial transactions |
| CSN Asia Limited                        | 100.00 | 100.00 Commercial represen    |
| Namisa International Minérios SLU       | 87.52  | 87.52 Financial transactions  |
| Namisa Europe, Unipessoal Lda. (1)      |        | 87.52 Equity interests, prod  |
| CSN Mining GmbH (7)                     | 87.52  | 87.52 Financial transactions  |
| CSN Mining Asia Limited (8)             | 87.52  | 87.52 Commercial represen     |
| Aceros México CSN (9)                   | 100.00 | Commercial represen           |

**Direct interest in joint operations: proportionate consolidation**

|                                              |       |                             |
|----------------------------------------------|-------|-----------------------------|
| Itá Energética S.A.                          | 48.75 | 48.75 Electric power genera |
| CGPAR - Construção Pesada S.A. (5)           |       | 50.00 Mining support servic |
| Consórcio da Usina Hidrelétrica de Igarapava | 17.92 | 17.92 Electric power consor |

**Direct interest in joint ventures: equity method**

|                                                           |       |                              |
|-----------------------------------------------------------|-------|------------------------------|
| MRS Logística S.A.                                        | 18.64 | 18.64 Railroad transportatio |
| Aceros Del Orinoco S.A.                                   | 31.82 | 31.82 Dormant company        |
| CBSI - Companhia Brasileira de Serviços de Infraestrutura | 50.00 | 50.00 Equity interests and p |
| Transnordestina Logística S.A.                            | 49.02 | 56.92 Railroad logistics     |

**Indirect interest in joint ventures: equity method**

|                    |       |                              |
|--------------------|-------|------------------------------|
| MRS Logística S.A. | 16.30 | 16.30 Railroad transportatio |
|--------------------|-------|------------------------------|

**Direct interest in associates: equity method**

|                                |       |                             |
|--------------------------------|-------|-----------------------------|
| Arvedi Metalfer do Brasil S.A. | 20.00 | 20.00 Metallurgy and Equity |
|--------------------------------|-------|-----------------------------|

(\*) They are Dormant Companies therefore they do not appear in the note 10.a, where is disclosed business information under the equity method and classified as available for sale.

**• Events in 2016:**

- (1) Company terminated;
- (2) New corporate name of Mineração Nacional;
- (3) Company sold to Can-Pack, as note 4;
- (4) New corporate name of Congonhas Minérios S.A.;
- (5) Control acquisition, as note 3.2;
- (6) Company was incorporated by indirect subsidiary CSN Mining GmbH;

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(7) New corporate name of Namisa Handel GmbH;

(8) New corporate name of Namisa Asia Limited;

(9) Company constituted;

• **Exclusive funds**

| Exclusive funds                                     | Equity interests (%) |            | Core business   |
|-----------------------------------------------------|----------------------|------------|-----------------|
|                                                     | 12/31/2016           | 12/31/2015 |                 |
| Direct interest: full consolidation                 |                      |            |                 |
| Diplic II - Private credit balanced mutual fund     | 100.00               |            | Investment fund |
| Caixa Vértice - Private credit balanced mutual fund | 100.00               | 100.00     | Investment fund |
| VR1 - Private credit balanced mutual fund           | 100.00               | 100.00     | Investment fund |
| Diplic - Private credit balanced mutual fund (1)    |                      | 100.00     | Investment fund |
| BB Steel - Private credit balanced mutual fund (1)  |                      | 100.00     | Investment fund |

(1) Multimarket investment fund fully redeemed.

In preparing the consolidated financial statements, we have adopted the following consolidation procedures:

- **Transactions between subsidiaries, associates, joint ventures and joint operations**

Unrealized gains on transactions with subsidiaries, joint ventures and associates are eliminated to the extent of CSN's equity interests in the related entity by the consolidation process. Unrealized losses are eliminated in the same manner as unrealized gains, although only to the extent that there are not indications of impairment. The Company eliminates the effect on profit or loss of transactions carried out with joint ventures and, as a result, reclassifies part of the equity in results of joint ventures to financial costs, cost of sales and income tax and social contribution.

The base date to the financial statements of the subsidiaries and joint ventures is the same as of the Company, and their accounting policies are also in line with the policies adopted by the CSN.

## **Subsidiaries**

Subsidiaries are all entities (including special purpose entities) which financial and operating policies can be conducted by the Company and when it is exposed to, or has rights to, variable returns from its involvement with the entity and has the ability to use its power to affect its returns. The existence and effect of potential voting rights that are actually exercisable or convertible are taken into consideration when assessing whether the Company controls another entity. Subsidiaries are fully consolidated from the date when the control is transferred to the Company and are deconsolidated from the date when such control ceases.

## **Joint ventures and joint operations**

Joint arrangements are all entities over which the Company has joint control with one or more other parties. The investments in joint arrangements are classified as joint operations or joint ventures depending on the contractual rights and obligations of each investor.

Joint operations are accounted for in the financial statements in order to represent the Company's contractual rights and obligations. Therefore, the assets, liabilities, revenues and expenses related to its interests in joint operations are accounted for individually in the financial statements.

Joint ventures are accounted for under the equity method and are not consolidated.

The Company eliminates the effect on profit or loss of transactions carried out with joint ventures and, as a result, eliminates part of the equity in results of joint ventures to financial costs, cost of sales, net sales and income tax and social contribution.

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**Associates**

Associates are all entities over which the Company has significant influence but not control, generally through a shareholding percentage from 20% up to 50% of the voting rights. Investments in associates are accounted for under the equity method and are initially recognized at cost.

- **Transactions and non-controlling interests**

The Company treats transactions with non-controlling interests as transactions with owners of the Company. For purchases from non-controlling interests, the difference between any consideration paid and the relevant share acquired of the carrying value of subsidiary net assets is recorded in shareholders' equity. Gains and losses on disposals to non-controlling interests are also recognized directly in shareholders' equity.

When the Company no longer holds control, any retained interest in the entity is remeasured to its fair value, with the change in the carrying amount recognized in profit or loss. The fair value is the initial carrying amount for the purposes of subsequently accounting for the retained interest in an associate, joint venture or financial asset. In addition, any amounts previously recognized in other comprehensive income in respect of that entity are accounted for as if the Company had disposed of the related assets or liabilities. This may mean that amounts previously recognized in other comprehensive income are reclassified to profit or loss.

**2.c) Parent company financial statements**

In the parent company financial statements, investments in subsidiaries and associates are accounted for by the equity method. To get the same result and equity attributable to equity holders in parent company and consolidated financial statements, are made in both financial statements, the same practice of adjustments upon adoption of IFRS and CPCs.

## **2.d) Foreign currencies**

### **i. Functional and presentation currency**

Items included in the financial statements are related to each one of the Company's subsidiaries are measured using the currency of the primary economic environment in which the subsidiary operates ("functional currency"). The consolidated financial statements are presented in Brazilian reais (R\$), which is the Company's functional currency and the Group's presentation currency.

### **ii. Transactions and balances**

Transactions in foreign currencies are translated into the functional currency using the exchange rates in effect at the dates of the transactions or valuations when their values are remeasured. Foreign exchange gains and losses resulting from the settlement of those transactions and from the translation at exchange rates in effect as of December 31, 2016 related to monetary assets and liabilities denominated in foreign currencies are recognized in the income statement, except when they are recognized in shareholders' equity as a result of foreign operation characterized as foreign investment.

The balances of assets and liabilities are translated by exchange rates prevailing at the end of the reporting period. As of December 31, 2016, US\$1 is equal to R\$3.2591 (R\$3.9048 at December 31, 2015) and €1 is equal to R\$3.4384 (R\$4.2504 at December 31, 2015), according to the rates obtained from Central Bank of Brazil website.

All other foreign exchange gains and losses, including foreign exchange gains and losses related to borrowings and cash and cash equivalents, are presented in the income statement as finance income or costs.



Changes in the fair value of monetary securities denominated in foreign currency, classified as available-for-sale, are segregated into exchange differences related to the amortized cost of the security and other changes in the carrying amount of the security. Exchange differences related to amortized cost are recognized in profit or loss, and other changes in the carrying amount are recognized in shareholders' equity.

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Exchange differences on non-monetary financial assets and liabilities classified as measured at fair value through profit or loss are recognized in profit or loss as part of the gain or loss on the fair value. Exchange differences on investments classified as available-for-sale are included in comprehensive income in shareholders' equity.

**iii. Group companies**

The results and financial position of all the Group's entities (none of which has the currency of a hyper-inflationary economy) that have a functional currency different from the presentation currency are translated into the presentation currency as follows:

- The assets and liabilities of each balance sheet presented are translated by exchange rate at the end of the reporting period;
- The income and expenses of each income statement are translated at average exchange rates (unless this average is not a reasonable approximation of the cumulative effect of the rates at the transaction dates, in which case income and expenses are translated at the rate in effect at the transaction dates);

- All resulting exchange differences are recognized as a separate component in other comprehensive income; and
- Gains and losses accumulated in shareholders' equity are included in the income statement when the foreign operation is partially disposed or sold.

On consolidation, exchange differences resulting from the translation of monetary items with characteristics of net investment in foreign operations are recognized in shareholders' equity. When a foreign operation is partly disposed of or sold, exchange differences previously recorded into other comprehensive income are recognized in the income statement as part of the gain or loss on sale.

## **2.e) Cash and cash equivalents**

Cash and cash equivalents include cash on hand, in bank accounts and other short-term highly liquid investments redeemable within 90 days from the end of the reporting period, readily convertible into a known amount of cash and subject to an insignificant risk of change in value. Bank certificates of deposit and government securities that do not meet the above criteria are not considered cash equivalents and are classified as financial investments, according to note 6.

## **2.f) Trade receivables**

Trade receivables are initially recognized at fair value, including the related taxes and expenses. Foreign currency-denominated trade receivables are adjusted at the exchange rate in effect at the end of the reporting period. The allowance for estimated losses on doubtful debts were recognized in an amount considered sufficient to cover any losses. Management's assessment takes into consideration the customer's history and financial position, as well as the opinion of their legal counsel regarding the collection of these receivables for recognizing the allowance for estimated losses.

## **2.g) Inventories**

Inventories are carried at the lower of cost and net realizable value. Cost is determined using the weighted average cost method on the acquisition of raw materials. The costs of finished goods and work in process comprise raw materials, labor and other direct costs (based on the normal production capacity). Net realizable value represents the estimated selling price in the normal course of business, less estimated costs of completion and costs necessary to make the sale. The allowance for estimated losses on

slow-moving or obsolete inventories are recognized when considered necessary.

Stockpiled ore inventories are accounted for as processed when removed from the mine. The cost of finished goods comprises all direct costs necessary to transform stockpiled inventories into finished goods.

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**2.h) Investments**

Investments in subsidiaries, joint ventures and associates are accounted for under the equity method of accounting and are initially recognized at cost. The gains or losses are recognized in profit or loss as operating income (or expenses). In the case of foreign exchange differences arising on translating foreign investments that have a functional currency different from the Company's, changes in investments due exclusively to foreign exchange differences, as well as adjustments to pension plans and available-for-sale investments that impact the subsidiaries' shareholders' equity, are recognized in line item "Cumulative translation adjustments", in the Company's shareholders' equity, and are only recognized in profit or loss when the investment is disposed or written off due to impairment loss. Other investments are recognized at cost or fair value.

When necessary, the accounting policies of subsidiaries, joint ventures and associates are changed to ensure consistency with the policies adopted by the Company.

**2.i) Business combination**

The acquisition method is used to account for on each business combination conducted by the Company. The payment obligation transferred by acquiring an entity is measured by the fair value of the assets transferred, liabilities incurred and equity instruments issued by the Company. The consideration transferred includes the fair value of any asset or liability resulting from a contingent consideration arrangement, where applicable. Acquisition-related costs are recognized in profit or loss for the year, as incurred. Identifiable assets acquired and liabilities assumed in a business combination are initially measured at their fair values at the acquisition date.

## 2.j) Property, plant and equipment

Property, plant and equipment are carried at cost of acquisition, formation or construction, less accumulated depreciation or depletion and any impairment loss. Depreciation is calculated under the straight-line method based on the remaining economic useful economic lives of assets, as mentioned in note 11. The depletion of mines is calculated based on the quantity of ore mined. Land is not depreciated since their useful life is considered indefinite. However, if the tangible assets are mine-specific, that is, used in the mining activity, they are depreciated over the shorter between the normal useful lives of such assets and the useful life of the mine. The Company recognizes in the carrying amount of property, plant and equipment the cost of replacement, and consequently reducing the carrying amount of the part that is replaced if it is probable that future economic benefits embodied therein will revert to the Company, and if the cost of the asset can be reliably measured. All other disbursements are expensed as incurred. Borrowing costs related to funds obtained for construction in progress are capitalized until these projects are completed.

If some components of property, plant and equipment have different useful lives, these components are accounted for in separate line items of property, plant and equipment.

Gains and losses on disposal are determined by comparing the sale value less the residual value and are recognized in 'Other operating income (expenses)'.

Exploration expenditures are recognized as expenses until the viability of mining activities is established; after this period the subsequent development costs are capitalized. Exploration and valuation expenditures include:

- Research and analysis of historical data related to area exploration;
- Topographic, geological, geochemical and geophysical studies;
- Determine the mineral asset's volume and quality/grade;
- Examine and test the extraction processes and methods;
- Topographic surveys of transportation and infrastructure needs;
- Market and financial studies;

The development costs from new mineral deposits or from capacity expansion in mine operations are capitalized and amortized using the produced (extracted) units method based on the probable and proven ore quantities.

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The development stage includes:

- Drillings to define the ore body;
- Access and draining plans;
- Advance removal of overburden (top soil and waste material removed prior to initial mining of the ore body) and waste material (non-economic material that is intermingled with the ore body).

Stripping costs (the costs associated with the removal of overburden and other waste materials) incurred during the development of a mine, before production commences, they are capitalized as part of the depreciable cost of developing the property. Such costs are subsequently amortized over the useful life of the mine based on proven and probable reserves.

Stripping costs in the production phase are included in the cost of the inventory produced, except when a specific extraction campaign is made to access deeper deposits of than where ore body is located. In these cases, costs are capitalized and taken to noncurrent assets when the mineral ore deposit is extracted and are amortized over the useful life of the ore body.

The Company holds spare parts that will be used to replace parts of property, plant and equipment and that used to increase the asset's useful life when it exceeds 12 months. These spare parts are classified in property, plant and equipment and not in inventories.

**2.k) Intangible assets**



Intangible assets comprise assets acquired from third parties, including through business combinations.

These assets are recognized at cost of acquisition or formation, less amortization calculated on a straight-line basis on the exploration or recovery periods estimated.

Mineral rights acquired are classified in line item "other assets" in intangible assets.

Intangible assets with indefinite useful lives and goodwill based on expected future profitability are not amortized.

- **Goodwill**

Goodwill represents the positive difference between the amount paid and/or payable for the acquisition of a business and the net fair values of the acquiree's assets and liabilities. Goodwill on acquisitions of subsidiaries is recognized as intangible assets in the consolidated financial statements. In the parent company statements, goodwill is included in investments. The gain on purchase is recognized as a gain in profit for the period at the acquisition date. Goodwill is annually tested for impairment. Impairment losses on goodwill are not reversed. Gains and losses on the disposal of a Cash-Generating Unit (CGU) include the carrying amount of goodwill related to the CGU sold.

Goodwill is allocated to CGUs for impairment testing purposes. The allocation is made to CGUs of CGUs that are expected to benefit from the business combination in which the goodwill arose, and recalling that unit is not greater than the operating segment.

- **Software**

Software licenses purchased are capitalized based on the costs incurred to purchase the software and make it ready for use. These costs are amortized on a straight-line basis over the estimated useful lives from one to five years.

## **2.I) Impairment of non-financial assets**

Assets with infinite useful lives, such as goodwill, are not subject to amortization and are annually tested for impairment. Assets subject to amortization and/or depreciation, such as property, plant and equipment, are tested for impairment whenever events or changes in circumstances indicate that their carrying amounts may not be recoverable. An impairment loss is recognized by the exciding value of an asset's recoverable amount. The recoverable amount is the higher of the fair value of an asset less costs to sell and its value in use. For impairment testing purposes, assets are grouped at their lowest levels for which there are separately identifiable cash flows (Cash Generating Units, or CGUs). Non-financial assets, except for goodwill, are subsequently reviewed for possible reversal of the impairment at the reporting date.

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**2.m) Employee benefits**

**i. Employee benefits**

**Defined contribution plans**

A defined contribution plan is as a post-employment benefit plan whereby an entity pays fixed contributions to a separate entity (pension fund) and will not have any legal or constructive obligation to pay additional amounts. Obligations for contributions to defined contribution pension plans are recognized as employee benefit expenses in the periods during which services are provided by employees. Contributions paid in advance are recognized for an asset since it is agreed that either cash reimbursement or future reduction on payables will flow back to CSN. Contributions to a defined contribution plan that is expected to mature twelve (12) months after the end of the period in which the employee provides services are discounted to their present values.

**Defined benefit plans**

A defined benefit plan is a post-employment benefit plan other than a defined contribution plan. The Company's net obligation regarding defined pension benefit plans is calculated individually for each plan by estimating the value of the future benefit that the employees accrue as return for services provided in the current period and in prior periods; such benefit is discounted to its present value. The discount rate is the yield presented at the end of the reporting period for top line debt securities whose maturity dates approximate the terms and conditions of the Company's obligations and which are denominated in the same currency as the one in which it is expected that the benefits will be paid. The calculation is made

annually by a qualified actuary using the projected unit credit method. When the calculation results in a benefit for the Company, the asset to be recognized is limited to the total amount of any unrecognized costs of past services and the present value of the economic benefits available in the form of future plan reimbursements or reduction in future contributions to the plan. The present value of economic benefits is calculated taking into account the funding requirements applicable to the Company's plans. An economic benefit is available to the Company if it is realizable during the life of the plan or upon settlement of the plan's liabilities.

The Company and some of its subsidiaries offered a postretirement healthcare benefit to its employees. The right to these benefits is usually contingent to their remaining in employment until the retirement age and the completion of the minimum length of service. The expected costs of these benefits are accumulated during the employment period, and are calculated using the same accounting method used for defined benefit pension plans. These obligations are annually valued by qualified independent actuaries.

When the benefits of a plan are increased, the portion of the increased benefit related to past services of employees is recognized in profit or loss until the benefits become vested. When benefits became vesting rights, all actuarial gains or losses are immediately recognized in profit or loss.

The Company recognizes all actuarial gains or losses resulting from defined benefit plans immediately in other comprehensive income. If the plan is extinguished, actuarial gains and losses are recognized in profit or loss.

## **ii. Profit sharing and bonus**

Employee profit sharing and executives' variable compensation are linked to the achievement of operating and financial targets. The Company recognizes a liability and an expense substantially allocated to production cost and, where applicable, to general and administrative expenses when such goals are met.

## **2.n) Provisions**

Provisions are recognized when the Company has a present obligation (legal or constructive) as a result of a past event, it is probable that the Company will be required to settle the obligation and it has reliable cost estimation.



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The amount recognized as a provision is the best value estimation required to settle the present obligation at the end of the reporting period, taking into account the risks and uncertainties surrounding the obligation. When a provision is measured using the cash flows estimated to settle the present obligation, its carrying amount is the present value of those cash flows (when the effect of the time value of money is material). Success fees are accrued to the extent that they make it probable that disbursements will occur. When some or all of the economic benefits required to settle a provision are expected to be recovered from a third party, a receivable is recognized as an asset if it is probable that reimbursement will be received and that the amount of the receivable can be measured reliably.

## **2.o) Concessions**

The Company has governmental concessions to provide the following types of services: railway and port transportation managed by Company's subsidiaries and joint-ventures. The concessions included in the consolidated financial statements are related to the rail network in the Northeast area, managed by the subsidiary FTL, the container terminal in Itaguaí, managed by the subsidiary Sepetiba Tecon and the port terminal TECAR for exporting ore and importing coal, which is managed by the subsidiary CSN Mineração.

The Company's concession contracts are not within the scope of the international interpretative standard ICPC01/IFRIC12, considering that the grantor (refers to the government) has effectively no control over what, to whom and at what price the services will be provided by the dealer (refers to the private part) to the customers. In essence, all concession contracts have operating leasing characteristics. Therefore, the accounting should follow the accounting rules applicable to leases. Our concession agreements provide for the use of a specific asset for an agreed period of time, but without any transfer of ownership to the Company or option to buy these assets after the completion of these contracts.

Payments made under operating leases are recognized in the income statement on a straight line basis over the period of the contracts.

There are assets related to our concessions which are subject to reversion to the grantor at the end of the concession agreement.

The residual carrying amounts of these assets on December 31, 2016 are listed below with an indication of their classification in our financial statements:

| <b>Concession</b>                              | <b>Net book value<br/>(R\$)</b> | <b>Classification in balance sheet</b> |
|------------------------------------------------|---------------------------------|----------------------------------------|
| Sepetiba Tecon S.A. (TECON)                    | 239 million                     | Fixed assets<br>intangible: Software   |
| Tecar                                          | 1,514 million                   | Fixed assets<br>intangible: Software   |
| Ferrovias Transnordestina Logistica S.A. (FTL) | 280 million                     | Fixed assets                           |
| Transnordestina Logística S.A. (TLSA)          | 7,413 Million (1)               | Investment                             |
| MRS Logística S.A. (MRS)                       | 3,576 Million (2)               | Investment                             |

(1) The amount of fixed and intangible assets is recognized in TLISA's financial statements. We recognize our interest in the net assets of TLISA under the equity method and our investment balance in TLISA as of December 31, 2016 was R\$1,491,358.

(2) The amount of fixed and intangible assets is recognized in MRS's financial statements. We recognize our interest in the net assets of MRS by the de equity method and our investment balance consolidated in MRS as of December 31, 2016 was R\$ 1,711,558.

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**2.p) Share capital**

Common shares are classified in shareholders' equity.

Incremental costs directly attributable to the issue of new shares or options are shown in shareholders' equity as a deduction to the amount received, net of taxes.

When any Company of the Group buys Company shares (treasury shares), the amount paid, including any directly additional costs (net of income tax), is deducted from shareholders' equity attributable to owners of the Company until the shares are canceled or sold. When these shares are subsequently sold, any amount received, net of any directly attributable additional transaction costs and the related income tax and social contribution effects, is included in shareholders' equity attributable to owners of the Company.

**2.q) Revenue recognition**

Operating revenue from the sale of goods in the normal course of business is measured at the fair value of the receivables. Revenue is recognized when there is convincing evidence that the most significant risks and rewards of ownership of goods have been transferred to the buyer, it is probable that future economic benefits will flow to the entity, the associated costs and possible return of goods can be reliably estimated, there is no continued involvement with the goods sold, and the amount of the operating revenue can be reliably measured. If it is probable that discounts will be granted and the value thereof can be reliably measured, then the discount is recognized as a reduction of the operating revenue as sales are recognized. Revenue from services provided is recognized as it is realized.



The appropriate timing for transfer of risks and rewards varies depending on the individual terms and conditions of the sales contract. For international sales, this timing depends on the type of term of the contract term.

## **2.r) Finance income and finance costs**

Finance income includes interest income from funds invested (except available-for-sale financial assets), dividend income not accounted for under the equity method, gains on disposal of available-for-sale financial assets, changes in the fair value of financial assets measured at fair value through profit or loss, and gains on derivative instruments that are recognized in profit or loss. Interest income is recognized in profit or loss under the effective interest method. Dividend income is recognized in profit or loss when the Company's right to receive payment has been established. Distributions received from investees accounted for under the equity method reduce the investment value.

Finance costs comprise interest expenses on borrowings, dividends on preferred shares classified as liabilities, losses on the fair value of financial instruments measured at fair value through profit or loss, impairment losses recognized in financial assets, and losses on derivative instruments that are recognized in profit or loss. Borrowing costs that are not directly attributable to the acquisition, construction or production of a qualifying asset are measured through profit or loss under the effective interest method.

Foreign exchange gains and losses are reported on a net basis.

## **2.s) Income tax and social contribution**

Current income tax and social contribution are calculated based on the tax laws enacted by the end of the reporting period, including in the countries where the Group entities operate and generate taxable profit. Management periodically assesses the positions taken in the tax calculations with respect to situations where applicable tax regulations are open to interpretations. The Group recognizes provisions where appropriate, based on the estimated payments to tax authorities. The income tax and social contribution expense comprises current and deferred taxes. Current and deferred taxes are recognized in profit or loss unless they are related to business combinations or items recognized directly in shareholders' equity.

Current tax is the expected tax payable or receivable on taxable profit or loss for the year at tax rates that have been enacted by the end of the reporting period and any adjustment to taxes payable in relation to prior years.

Deferred tax is recognized on temporary differences between the carrying amounts of assets and liabilities in the financial statements and the corresponding tax bases used in the computation of taxable profit. Deferred tax is not recognized for the following temporary differences: initial recognition of assets and liabilities in a transaction that is not a business combination and does not affect either the accounting or taxable profit or loss, and differences associated with investments in subsidiaries and joint ventures when it is probable that they will not reverse in the foreseeable future.

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Moreover, a deferred tax liability is not recognized for taxable temporary differences resulting from the initial recognition of goodwill. The deferred tax is measured at the rates that are expected to be applied on temporary differences when they reverse, based on the laws enacted by the end of the reporting period.

Current income tax and social contribution are carried at their net amounts by the taxpayer, in liabilities when there are amounts payable or in assets when prepaid amounts exceed the total amount due at the end of the reporting period.

Deferred tax assets and liabilities are offset when there is a legally enforceable right to set off current tax assets against current tax liabilities and when they relate to income taxes levied by the same taxation authority on the same entity subject to taxation.

A deferred income tax and social contribution asset is recognized for all tax losses, tax credits, and deductible temporary differences to the extent that it is probable that taxable profits will be available against which those tax losses, tax credits, and deductible temporary differences can be utilized. Annually, the Company reviews and verifies the existence of future taxable income and a provision for loss is recognized when the realization of these credits is not likely.

**2.t) Earnings/(Loss) per share**

Basic earnings/loss per share are calculated by means of the profit/loss for the year attributable to owners of the Group and the weighted average number of common shares outstanding in the related period. Diluted earnings/loss per share are calculated by means of the average number of shares outstanding, adjusted by instruments potentially convertible into shares, with diluting effect, in the reported periods. The Group does not have any instruments potentially convertible into shares and, accordingly, diluted earnings/loss per share are equal to basic earnings/loss per share.

## **2.u) Environmental and restoration costs**

The Company recognizes a provision for the recovery costs and fines when a loss is probable and the amounts of the related costs can be reliably measured. Generally, the period when the provision for recovery is recognized coincides with the end of a feasibility study or the commitment to adopt a formal action plan.

Expenses related to compliance with environmental regulations are charged to profit or loss or capitalized, as appropriate. Capitalization is considered appropriate when the expenses refer to items that will continue to benefit the Group and that are basically related to the acquisition and installation of equipment to control and/or prevent pollution.

## **2.v) Research and development**

Research expenditures are recognized as expenses when incurred. Expenditures on project developments (related to the design and testing stages of new or improved products) are recognized as intangible assets when it is probable that projects will be successful, based on their commercial and technological feasibility, and only when the cost can be reliably measured. When capitalized, development expenditures are amortized from the start of a product commercial production, on a straight-line basis and over the period of the expected benefit.

## **2.w) Financial instruments**

### **i) Financial assets**

Financial assets are classified into the following categories: measured at fair value through profit or loss, loans and receivables, held-to-maturity, and available-for-sale. The classification depends on the purpose for which the financial assets were acquired. Management determines the classification of its financial assets at the time of initial recognition.

- **Financial assets measured at fair value through profit or loss**

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Financial assets at fair value through profit or loss are financial assets held for active and frequent trading. Derivatives are also categorized as held for trading and, accordingly, are classified in this category unless they have been designed as cash flow hedging instruments. Assets in this category are classified in current assets.

- **Loans and receivables**

This category includes loans and receivables that are non-derivative financial assets with fixed or determinable payments not quoted in an active market. They are included in current assets, except those with maturity of more than 12 months after the end of the reporting period (which are classified as non-current assets). Loans and receivables include loans to associates, trade receivables, other receivables and cash and cash equivalents, except short-term investments. Cash and cash equivalents are recognized at fair value. Loans and receivables are carried at amortized cost using the effective interest method.

- **Held-to-maturity assets**

These are basically financial assets acquired with the positive intent and ability to hold to maturity. Held-to-maturity investments are initially recognized at their value plus any directly attributable transaction costs. Subsequent to initial recognition, they are measured at amortized cost using the effective interest method, less any impairment loss.

- **Available-for-sale financial assets**

These are non-derivative financial assets, designated as available-for-sale, that are not classified in any other category. They are included in non-current assets when they are strategic investments for the Company, unless Management intends to dispose of the investment within 12 months from the end of the reporting period. Available-for-sale financial assets are recognized at fair value.

- **Recognition and measurement**

Regular purchases and sales of financial assets are recognized at the trading date - the date on which the Company undertakes to buy or sell the asset. Investments are initially recognized at their fair value, plus transaction costs for all financial assets not classified as at fair value through profit or loss. Financial assets at fair value through profit or loss are initially recognized at their fair value and the transaction costs are charged to the income statement. Financial assets are derecognized when the rights to receive cash flows from the investments have expired or have been transferred, in the latter case, provided that the Company has transferred significantly all risks and rewards of ownership. Available-for-sale financial assets and financial assets measured at fair value through profit or loss are subsequently carried at fair value. Loans and receivables are carried at amortized cost using the effective interest method.

Gains or losses resulting from changes in the fair value of financial assets measured at fair value through profit or loss are presented in the income statement under "finance income" in the period in which they arise. Dividend income from financial assets at fair value through profit or loss is recognized in the income statement as part of other finance income when the Company's right to receive the dividends has been established.

The changes in the fair value of available-for-sale financial assets are recognized as follows: (i) the effects of foreign exchange differences and the changes in the fair value of the investment in the investee's capital are recognized directly in the Company's shareholders' equity, in "Other comprehensive income" and; (ii) the effects of foreign exchange differences and the changes in the option's fair value are recognized in the income statement for the year.

Interest on available-for-sale securities, calculated under the effective interest method, is recognized in the income statement as part of other income. Dividends from available-for-sale equity instruments, such as shares, are recognized in the income statement as part of other finance income when the Company's right to receive payments has been established.

The fair values of publicly quoted investments are based on current purchase prices. If the market for a financial asset (and for instruments not listed on a stock exchange) is not active, the Company establishes the fair value by using valuation techniques. These techniques include the use of recent transactions contracted with third parties, reference to other instruments that are substantially similar, analysis of discounted cash flows, and option pricing models that make maximum use of market inputs and relies as

little as possible on entity-specific inputs.



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**ii) Impairment of financial assets**

The Company evaluates in the end of each reporting period whether there is an evidence that a financial asset or a group of financial assets are impaired.

- **Assets measured at amortized cost**

A financial asset or a group of financial assets is impaired and impairment losses are incurred only if there are evidences of impairment as a result of one or more events that occurred after the initial recognition of the asset (a “loss event”), such loss event (or events) has an impact on the estimated future cash flows of the financial asset or group of financial assets and the future cash flow estimation can be reliably calculated.

The criteria used by CSN to determine whether there are evidences of impairment loss includes:

- significant financial weakness related to the issuer or counterparty;
- a breach of contract, such as default or delinquency at interest or principal payments;

- the issuer, for economic or legal reasons relating to the borrower's financial weakness, grants to the borrower a concession that the lender would not otherwise consider;
- it becomes probable that the borrower will incur in bankruptcy or other financial reorganization;
- the disappearance of an active market for the related financial asset because of financial weakness; or
- observable data indicating that there is a measurable decrease in the estimated future cash flows from a portfolio of financial assets since the initial recognition of such assets, although the decrease cannot yet be identified with the individual financial assets in the portfolio, including:
  - Adverse changes in the payment status of borrowers in the portfolio;
  - National or local economic conditions that correlate with defaults on the assets in the portfolio.

The amount of the loss is measured by the difference between the carrying amount of the asset and the present value of estimated future cash flows (excluding future credit losses that have not been incurred) discounted at the original effective interest rate of the financial asset. The carrying amount of the asset is reduced and the amount of the loss is recognized in the income statement. If a loan or held-to-maturity investment has a variable interest rate, the discount rate to measure an impairment loss is the current effective interest rate determined pursuant to the contract. As a practical expedient, the Company may measure impairment on the basis of an instrument's fair value using an observable market price.

If, in a subsequent period, the amount of the impairment loss decreases and the decrease can be related objectively to an event occurring after the impairment was recognized (such as an improvement in the debtor's credit rating), the previously recognized impairment loss is reversed and recognized in the consolidated income statement.

- **Assets classified as available-for-sale**

In the case of equity securities classified as available-for-sale, a significant or prolonged decline at the fair value of an investment in an equity instrument below of its cost is also an evidence of impairment. Determining what is considered a "significant" or "prolonged" decline requires judgment. For this judgment we assess, among other factors, the historical changes in the equity prices, the duration and proportion in which the fair value of the investment is lower than its cost as well as the financial health and short-term

business prospects for the investee, including factors such as: industry and segment performance, changes in technology and operating/financial cash flows. If any of the impairment evidences is observed for available-for-sale financial assets, the cumulative loss—measured as the difference between the acquisition cost and the current fair value, less any impairment loss on the financial asset previously recorded in profit or loss—is reclassified from equity to profit or loss. Impairment losses recognized in the income statement as available-for-sale instruments are not reversed.

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CSN tested for impairment its available-for-sale investment in Usiminas shares, see note 14 – Financial Instruments.

**iii) Financial liabilities**

Financial liabilities are classified categories “measured at fair value through profit or loss” and “other financial liabilities”. Management determines the classification of its financial liabilities at the time of initial recognition.

- **Financial liabilities measured at fair value through profit or loss**

Financial liabilities measured at fair value through profit or loss are financial liabilities held for trading or designated as at fair value through profit or loss.

Derivatives are also classified as trading securities, and thereby are classified so, unless they have been designated as effective hedging instruments.

- **Other financial liabilities**

Other financial liabilities are measured at amortized cost using the effective interest method.

The Company holds the following non-derivative financial liabilities: borrowings, financing and debentures, as well as trade payables.

- **Offsetting of financial instruments**

Financial assets and financial liabilities are offset and the net amount is reported in the balance sheet when there is a legally enforceable right to set off the recognized amounts as well as the intention to either settle them on a net basis or to realize the asset and settle the liability simultaneously.

#### **iv) Derivative instruments and hedging activities**

- **Derivatives measured at fair value through profit or loss**

Derivatives are initially recognized at fair value on the date when a derivative contract is entered, thereafter they are subsequently measured at their fair value and any changes are recognized as "Finance income (costs)" in the income statement.

- **Cash flow Hedge**

The Company adopts hedge accounting and designates certain financial liabilities as a hedging instrument of a foreign exchange risk associated to the cash flows from forecast, highly probable exports (cash flow hedges).

At the inception of the transaction, the Company documents the relationships between the hedging instruments and the hedged items, as well as its risk management objectives and strategy for undertaking hedging transactions. The Company also documents its assessment, both at the inception of the hedge and on an ongoing basis, of whether the hedging transactions are highly effective in offsetting changes in the cash flows of the hedged items.

The effective portion of the changes in the fair value of financial liabilities designated and qualifying as cash flow hedge is recognized on equity, in line item "Hedge accounting". Any gain or loss related to the ineffective portion is recognized immediately in other expenses / revenues operational, if applicable.

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The amounts accumulated in equity are realized at the on operating expenses/income in the periods when the forecast exports affect the result.

When a hedging instrument expires, is settled in advance or the hedging relationship no longer meets the hedge accounting criteria, or even when Management decides to discontinue hedge accounting, all cumulative gains or losses recorded in equity at the time remain recognized in equity and, from that moment, the exchange variations are recorded in the financial income (expenses). When the forecast transaction is completed, the gain or loss is reclassified to operating expenses/income. When a forecast transaction is no longer expected to take place, the cumulative gain or loss previously recognized in shareholders' equity is immediately transferred to the income statement, in line item "Other operational".

The movements in the hedge amounts designated as exporting cash flow hedges are stated in note 14 – Financial Instruments.

- **Net investment hedge**

For net investment hedge, the Company designates part of its financial liabilities as hedging instruments of its overseas investments with functional currencies other than the Group's functional currency, according to CPC38/IAS39. Such relationship occurs since the maturity of the financial liabilities is related to the exchange variation of the investments in the amounts required for the effective relationship.

At the inception of the hedge relationship, the Company documents the relationship between the hedging instrument and the hedged item, along with its risk management objectives and its strategy for undertaking out various hedge transactions. Furthermore, at the inception of the hedge and on an ongoing basis, the Company documents whether the hedging instrument is highly effective in offsetting changes in fair values of the hedged item.

The effective portion of changes in the fair value of financial liabilities that are designated and qualify as a net investment hedge is recognized in equity in line item "Hedge Accounting". The gain or loss relating to the ineffective portion is recognized in other operating, when applicable. If at some point of the hedging relationship the balance of the debt is higher than the balance of the investment, the exchange variation on the excess debt will be reclassified to the statement of profit or loss as a other operating income / expenses (ineffectiveness of the hedge).

The amounts accumulated in equity will be realized in the statement of profit or loss upon disposal or partial disposal of the foreign operation.

The changes in the amounts of hedge denominated as Net investment hedge are shown in note 14 – Financial Instruments.

## **2.x) Segment information**

An operating segment is a component of the Group committed to the business activities from which it can obtain revenues and incur expenses, including revenues and expenses related to transactions with any other components of the Group. All the operating results of operating segments are reviewed regularly by the Executive Officers of CSN to enable decisions regarding resources to be allocated to the segment and assessment of its performance. The Company maintains distinct financial information for the distinct segments.

## **2.y) Government grants**

Government grants are not recognized until there is reasonable assurance that the Company will comply to the conditions attaching to them and assurance that the grants will be received, so then they will be recognized in profit or loss on a systematic basis over the periods in which the Company recognizes as expenses the related costs that the grants are intended to compensate.

The Company has state tax incentives in the North and Northeast regions, which are recognized in profit or loss as a reduction of the corresponding costs, expenses and taxes.



**2.z) Noncurrent assets held for sale and discontinued operations**

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Noncurrent assets and groups of assets are classified as held for sale if their carrying amount is recovered mainly through a sale transaction and not through continued use.

The criteria for classification of items held for sale are considered to be met only when the sale is highly probable and the asset or group of assets is available for immediate sale.

Assets and liabilities classified as held for sale are presented separately as current items in the balance sheet.

Classification as a discontinued operation occurs through disposal, or when the transaction meets the criteria to be classified as held for sale if this occurs earlier. A discontinued operation is a component of a Group business which comprises operations and cash flows that may be clearly distinct from the rest of the Group and represent a separate business line or geographical area of operations.

The result of discontinued operations is presented in a single amount in the income statement, including the total income after income tax of these operations, less any impairment loss.

**2.aa) New standards and interpretations issued and not yet adopted**

The following standards and interpretations have been issued, but have not yet effective and were not early adopted by the Group for the year ended December 31, 2016:

| Standard                                       | Main items introduced by the standard                                                                                                                                                                                                                                                                      | Effective date  |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| IFRS 9 – Financial Instruments                 | IFRS 9 retains, but simplifies, the combined measurement model and establishes two main measurement categories of financial assets: amortized cost and fair value. The classification basis depends on the entity's business model and the characteristics of the financial asset's contractual cash flow. | January 1, 2018 |
|                                                | IFRS 9 retains most of IAS 39 requirements for financial liabilities.                                                                                                                                                                                                                                      |                 |
|                                                | The main change refers to those cases where the fair value of the financial liabilities must be segregated so that the fair value portion related to the entity's credit risk is recognized in "Other comprehensive income" and not in profit or loss for the period.                                      |                 |
| IFRS15 – Revenue from Contracts with Customers | The guidance on IAS 39 on the impairment of financial assets and hedge accounting is still applicable. This new standard introduces the principles that an entity will apply to determine the revenue measurement and when such revenue shall be recognized.                                               | January 1, 2018 |
|                                                | IFRS15 replaces IAS 11 <i>Construction Contracts</i> , IAS 18 <i>Revenue</i> , and related interpretations.                                                                                                                                                                                                |                 |

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|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| IFRS16 – Leases                                                                                  | <p>This new standard defines the principles for recognition, measurement, presentation and disclosure of leases and introduces a single model for the accounting of leases in the balance sheet for the lessees. A lessee recognizes a right of use asset that represents his right to use the leased asset and a lease liability that represents his obligation to make lease payments. Optional exemptions are available for short-term leases and low-value items.</p> <p>For lessors, accounting treatment remains practically the same, with the classification of leases as operating leases or financial leases, and accounting for these two types of lease differently. IFRS 16 replaces existing lease standards, including IAS 17 / CPC 06 (R1) - Leasing operations and ICPC 03 (IFRIC 4, SIC 5 and SIC 27) - Complementary aspects of leasing operations</p> <p>The amendments require additional disclosures that allow users of financial statements to understand and evaluate changes in liabilities arising from financing activities, both changes in cash flows and other changes</p> | January 1, 2019 |
| Initiative disclosure<br>(Amendments to CPC 26 / IAS 7)                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | January 1, 2017 |
| Recognition of<br>Deferred Tax Assets<br>for Unrealized Losses<br>(Amendments to CPC 32/ IAS 12) | The amendments clarify the accounting of deferred tax assets for unrealized losses on debt instruments measured at fair value.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | January 1, 2017 |
| IFRIC 22 – Foreign<br>Currency Transaction<br>and Advance<br>Consideration                       | <p>The Interpretation covers foreign currency transactions when an entity recognises a non-monetary asset or non-monetary liability arising from the payment or receipt of advance consideration before the entity recognises the related asset, expense or income</p> <p>The Interpretation covers foreign currency transactions when an entity recognises a non-monetary asset or</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | January 1, 2018 |

non-monetary liability arising from the payment or receipt of advance consideration before the entity recognises the related asset, expense or income

The Interpretation covers foreign currency transactions (or part of them) when an entity recognizes a non-monetary asset or non-monetary liability arising from the payment or receipt of advance consideration before the entity recognizes the related asset, expense or income (or part of it).

IFRIC 23 – Uncertainty over Income Tax Treatments Can be unclear how tax law applies to a particular transaction or circumstance. This interpretation complements the CPC 32/ IAS 12 – Income Tax, clarify how to reflect the effects of uncertainty over income tax treatments.

January 1, 2019

The Accounting Pronouncements Committee has not yet issued an accounting pronouncement or amendment to pronouncements in effect corresponding to all new IFRSs.

Therefore, the early adoption of these IFRS is not allowed for entities that disclose their financial statements in accordance with accounting practices adopted in Brazil.

The Company will adopt the applicable standards when they became effective. Until now, the impact of these new standards are being studied and evaluated and therefore is not possible to the Company's Administration to determine qualitative and quantitative effects of these pronouncements.

There are no other standards and interpretations issued and not yet adopted that may have, in Management's opinion, a material impact on its financial statements.

## **2.a.b) Restatement of the Financial Statements of December 31, 2015**

In addition to the detailed review of the business combination transaction explained in item (a) below, the Company's management performed a thorough review of various components and transactions, including the studies that support the recognition and maintenance of the amounts of long-lived assets, such as investments in subsidiaries and associates, goodwill, property, plant and equipment and tax credits. As a result of this review, a long-lived asset whose realization depends on projections with observable assumptions was revalued and its expected realization was adjusted. Accordingly, the financial statements for the year ended December 31, 2015, originally dated March 28, 2016 and restated on November 14, 2016 due to adjustments in noncontrolling interests, are being restated for the second time as a result of the detailed review mentioned above, which resulted in material adjustments to the following items:



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- (a) Business combination between CSN Mineração and Namisa; and
- (b) Expected realization of income tax and social contribution tax credits.

We present below further details of items that led management to decide for the second restatement of the financial statements for the year ended December 31, 2015.

**a. Business Combination**

The Company is restating the balances of the financial statements for the year ended December 31, 2015, as a result of a detailed review of all aspects of the business combination occurred on November 30, 2015, by which the Company's mining activities were restructured and concentrated on a primary entity, CSN Mineração S.A. This review occurred after the first restatement, on November 14, 2016, of those financial statements resulting from a change in the interpretation of the gains attributed to owners and to non-controlling, as disclosed in note 2.a.b, of those financial statements.

Within this context, the Company identified errors in certain assumptions used in the fair value determination of the entities involved in the transaction, Namisa and CSN Mineração as well as in the accounting for the clause of the Investment Agreement signed in December 2014 that approached the treatment to be given to Namisa's assets excluded from the transaction, Fernandinho, Cayman and Pedras Pretas ("excluded assets"). As per that clause, Fernandinho, Cayman and Pedras Pretas assets included in the made for fair value determination of Namisa should have been transferred directly to any entity other

than CSN Mineração. By mistake, those assets were included within the net assets of Namisa contributed to CSN Mineração and, in a subsequent act, were transferred from CSN Mineração to another entity, Minérios Nacional (current corporate name of Mineração Nacional S.A.). Lastly, the review appointed to a change in the interpretation of the determination of the gain or loss in the pre-existing relationship between the acquirer and the acquiree entities as established in the accounting pronouncement CPC15/IFRS3.

As mentioned in Note 3, on November 30, 2015, CSN Mineração acquired the majority control of the joint venture NAMISA and applied CPC 15/IFRS3 to account for the business combination under the acquisition method.

The legal implementation of the transaction took place on November 30, 2015 by the primary issuance of shares by CSN Mineração, paid up the Asian Consortium with its shares held in NAMISA after split of the excluded assets. Subsequent act but on the same date, CSN Mineração and CSN signed a new Shareholders' Agreement of NamisaA giving to CSN Mineração the majority control of NAMISA. With the disproportionate spin-off, the consortium's stake in Namisa became 40.24% and CSN's stake 59.76% (before the split, the stake was 40% and 60%, respectively). Within this context, immediately after, Namisa after split of the excluded assets was merger into CSN Mineração, extinguishing the abovementioned Shareholders' Agreement.

The acquisition method applied in the business combination had resulted in net gains of R\$2.9 billion in net income for the year of the subsidiary CSN Mineração (acquirer entity) and in CSN Parent Company and Consolidated, which were changed to net gains of R\$2.2 billion in CSN Mineração and of R\$3.0 billion in CSN Parent Company and Consolidated after the review of the transaction, and that can be shown as follows:



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| <b>CSN Mineração (In R\$ Million)</b>                                                |                      |                 |
|--------------------------------------------------------------------------------------|----------------------|-----------------|
|                                                                                      | <b>As Originally</b> | <b>Restated</b> |
|                                                                                      | <b>Reported</b>      |                 |
| Gain in the fair value remeasurement of the 60% ownership previously held in NAMISA. | 2,791                | 2,516           |
| Gain (loss) in the liquidation of the pre-existing relationship                      | 622                  | (493)           |
| Income tax and social contribution                                                   | (528)                | 168             |
| <b>Net gains</b>                                                                     | <b>2,885</b>         | <b>2,191</b>    |

| <b>CSN Parent Company (In R\$ Million)</b>                                                                  |                      |                 |
|-------------------------------------------------------------------------------------------------------------|----------------------|-----------------|
|                                                                                                             | <b>As Originally</b> | <b>Restated</b> |
|                                                                                                             | <b>Reported</b>      |                 |
| Equity results                                                                                              | 2,885                | 2,191           |
| Gain in the fair value remeasurement of the 60% ownership previously held in the excluded assets of NAMISA. |                      | 1,274           |
| Income tax and social contribution                                                                          |                      | (433)           |
| <b>Net gains</b>                                                                                            | <b>2,885</b>         | <b>3,032</b>    |

| <b>CSN Consolidated (In R\$ Million)</b>                                     |                      |                 |
|------------------------------------------------------------------------------|----------------------|-----------------|
|                                                                              | <b>As Originally</b> | <b>Restated</b> |
|                                                                              | <b>Reported</b>      |                 |
| Gain in the fair value remeasurement of the 60% ownership previously held in | 2,791                | 3,790           |

## NAMISA.

|                                                                 |              |              |
|-----------------------------------------------------------------|--------------|--------------|
| Gain (loss) in the liquidation of the pre-existing relationship | 622          | (493)        |
| Income tax and social contribution                              | (528)        | (265)        |
| <b>Net gains</b>                                                | <b>2,885</b> | <b>3,032</b> |

As a result of aforementioned review of aspects of the business combination, which identified errors on assumptions used to determine the fair value of Namisa, the Company verified that the purchase price considered for accounting purposes, previously of R\$ 13.4 billion, became R\$ 17.5 billion as disclosed in the table below:

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1****(In R\$ Million)**

| Item                                                                                              | Comments                                                                                                           | As Originally | Restated      |
|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------|---------------|
|                                                                                                   |                                                                                                                    | Reported      |               |
| Assets acquired                                                                                   | Cash payment in the amount of USD707MM.                                                                            | 2,727         | 2,727         |
| Liabilities assumed                                                                               | Financial adjustment of working capital and debt.                                                                  | 6             | 6             |
| Equity instruments issued                                                                         | CSN Mineração issued equity instruments that were given to the Asian Consortium.                                   | 2,619         | 4,034         |
| Fair value of the interest previously held by the acquirer entity before the business combination | CSN Mineração held 60% of Namisa's shares post-split before the business combination and remeasured at fair value. | 8,023         | 10,700        |
| <b>Purchase price considered for the business combination</b>                                     |                                                                                                                    | <b>13,375</b> | <b>17,467</b> |

On the other hand, upon the implementation of the transaction, CSN had recognized in its previously restated financial statements filed on November 14, 2016 a gain of R\$1.6 billion directly in the net equity as a change in the ownership percentage, that has been adjusted to R\$2.9 billion, as disclosed below:

| Events                                           | As Originally | R\$ (Million) |
|--------------------------------------------------|---------------|---------------|
|                                                  | Reported      | Restated      |
| Asian Consortium's contribution to CSN Mineração | 2,619         | 4,034         |
| <b>CSN's interest - 87.52% (1)</b>               | <b>2,292</b>  | <b>3,531</b>  |
| Acquisition by CSN of 4.16%                      | 2,727         | 2,727         |

|                                                                     |              |              |
|---------------------------------------------------------------------|--------------|--------------|
| Financial adjustment of working capital and debt (closing)          |              | 6            |
| <b>Assets acquired and liabilities assumed</b>                      | <b>2,727</b> | <b>2,733</b> |
| <b>Asian Consortium's interest - 12.48% (2)</b>                     | <b>(340)</b> | <b>(341)</b> |
| <b>Adjustment in the ownership interest variation % (3)</b>         | <b>(360)</b> | <b>(274)</b> |
| <b>Other effects arisen from the corporate restructuring (4)</b>    | <b>(7)</b>   | <b>27</b>    |
| <b>Total gain of the transaction between shareholders (1+2+3+4)</b> | <b>1,585</b> | <b>2,943</b> |

These amounts are further detailed in the Note 3. The excluded assets Fernandinho, Cayman and Pedras Pretas were contributed in the wholly-owned subsidiary Minérios Nacional S.A. (former Mineração Nacional S.A.) at the book value of R\$60 million. The remeasured amount at fair value of those assets remained accounted for in CSN as investments, having as support the mining rights in the amount of R\$2.2 billion.

The aspects that raised the adjustments abovementioned in the Company's net income of the year and in the shareholders' equity are the following:

- a) Assumptions of seaborne freight in the assessment reports that determined the fair value of Namisa and CSN Mineração;
- b) Peer companies used in the determination of the discount rate used in the assessment reports that determined the fair value of Namisa and CSN Mineração;
- c) Adoption of CPC15 / IFRS3 related to the liquidation of the pre-existing relationship between the acquirer and the acquiree entities;
- d) Application of the Investment Agreement clause that determined the exclusion of certain assets of the transaction; and
- e) Assumptions of rail freight in the determination of fair value of the excluded assets Fernandinho, Cayman and Pedras Pretas.

Find below a brief description of each of the five errors above and its individual impacts in the business combination:

- **Seaborne freight** – additional gain in the Company's net income for the year of R\$1,991 million and in the shareholders' equity of R\$2,677 million.

During the review of the business combination, we identified that the prices of seaborne freight considered in the assessment reports that determined the fair value of CSN Mineração and Namisa prepared at the time of the original transaction at the end of 2015 were over-estimated and did not trace relationship with the historical curves when compared to the curves of iron ore prices as well as did not present a relationship with the market prices practiced by CSN at the time those assessment reports were prepared. Accordingly, new assessment reports to determine the fair value of Namisa and CSN Mineração were prepared considering a curve of seaborne freight prices more closely related to the variations of the curve of crude oil prices which originated a more consistent relationship seaborne freight/iron ore prices, more compatible with the historical data and with the prices effectively practiced. The change in the curve of seaborne freight accreted the fair value of CSN Mineração in R\$8 billion and of Namisa in R\$3,5 billion. These increases in the fair value of Namisa generated an additional gain of R\$1,496 million in the CSN Mineração and R\$ 495 million in the Parent Company when compared to the previously restated consolidated financial statements filed on November 14, 2016.

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- **Discount rate** – additional gain in the Company's consolidated net income for the year of R\$48 million and in the shareholders' equity of R\$ 443 million.

In the review of the business combination it was also identified in the determination of the discount rate used in the fair value of Namisa and CSN Mineração one entity that did not have relationship with iron ore mining activities. The change in the peer entities used in the determination of the discount rate considered in the fair value of Namisa and CSN Mineração reduced the discount rate from 14.36% to 13.83% in Namisa and from 13.91% to 13.19% in the result of CSN Mineração, increasing the discounted cash flow of CSN Mineração in R\$3,6 billion and R\$1.2 billion in Namisa. This increase in the discounted cash flow of Namisa generated a loss of R\$48 million in CSN Mineração and a gain of R\$96million in the Parent Company when compared to the previously restated consolidated financial statements filed on November 14, 2016. In addition, R\$ 395 million were recognized directly in shareholders' equity, as shown in the summary table below

- **Liquidation of the pre-existing relationship** – negative impact exclusively related to the prepaid part of the operational contracts of R\$2,056 million in the consolidated net income for the year and in the shareholders' equity of R\$1,799 million due to the reversal of a gain before taxes of R\$1,554 million into a loss before taxes of R\$1,225 million, when combined with the other effects related to the errors identified.

In the consolidated financial statements previously released and restated on November 14, 2016 it was considered for the determination of the gain in the liquidation of the pre-existing relationship between the acquirer and the acquiree entities a comparison of the contractual prices with the market prices without

taking into consideration that a portion of the contractual prices had been prepaid in 2008 upon the signature of the Namisa's operating agreements of ROM (run of mine) and Port Services. During the review of the transaction, it was concluded that in order to measure the gain or loss in the liquidation of the pre-existing relationship should have been considered solely the remaining cash flows of the operating agreements. This change in the comparison of the remaining cash flows versus the contractual prices and market prices reversed the gain previously generated of R\$1,554 million into a loss of R\$1,225 million.

- **Excluded assets**

In the original transaction as accounted for at the end of 2015, subsequently to the remeasurement of Namisa at its fair value the excluded assets splitted from Namisa (Fernandinho, Cayman and Pedras Pretas) and transferred to Minérios Nacional were erroneously contributed to CSN Mineração first and then transferred to Minérios Nacional. However, those assets should not have been contributed to CSN Mineração first and, as opposed, should have been transferred directly to Minérios Nacional at the transaction date November 30, 2015.

Thereby, the gain of R\$ 841 million net of tax effects in the remeasurement of the part already held by the Company related to the acquisition of Namisa excluded assets, is now reflected directly in the Parent Company.

- **Rail freight** -gain in the consolidated net income for the year of R\$235 million and shareholders' equity of R\$244 million.

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In the assessment report that determined the fair value of NAMISA's excluded assets prepared at the time the transaction was first accounted for at the end of 2015 erroneously considered a cost of rail freight over-estimated. A new assessment report was prepared to consider the correct estimates for the rail freight costs in the determination of fair value of the excluded assets.

**Other Adjustments** - loss in the consolidated net income for the year of R\$71 million and shareholders' equity of R\$59 million.

The new assessment reports also corrected effects related to non-inclusion in the discounted cash flow arising from the impact of the CFEM / TFRM contributions (Financial Compensation for the Exploration of Mineral Resources/Control, Monitoring and Inspection Fee for Research, Mining, Exploration and Exploitation of Mining Resources Activities), as well as adjustments related to the final balance used as the basis to evaluate the book value of Namisa assets.

The table below summarizes by nature of event and qualification of error the impacts above

**Note**

**As Originally Reported**

**Shareholders' equity of CSN Mineração before the business combination**

Accounting Contribution - Assets from Casa de Pedra, TECAR, MRS and 60% from Namisa

Capital contribution of CSN Mineração by the Consortium

Gain on the remeasurement of 59,76% in Namisa after split



Gain(loss) on the liquidation of the pre- existing relationship

Taxes on gain (loss) on the liquidation of the pre-existing relationship

Capital contribution - transfer of excluded

Assets acquired and Liabilities assumed

**Shareholders' equity of CSN Mineração adjusted after the business combination**

**Shareholders' equity of CSN Mineração attributed minority shareholders (a)** 12.48%

**Fair value of the shares issued by CSN Mineração to the Asian Consortium (b)** 3.3 a ii

**Gain on the transaction between shareholders (b - a)** 3.4

#### **Effect on the result for the year**

Csn Mineração (gain on the remeasurement of the remaining assets and the liquidation of contracts, net of taxes)

Parent Company (gain on the remasurament of excluded assets, net of taxes )

#### **Consolidated**

**Final effect of CSN's shareholders' equity** 3.5

#### **b. Estimated losses of deferred income tax and social contribution credits**

The Company is restating the balances of deferred income tax and social contribution credits of its financial statements for the year ended December 31, 2015 after the technical review, during 2016, of the negative and positive aspects that supported their maintenance. The main change in the decision for this restatement is the fact that the exclusion of the sale of certain non-core assets from credit recovery studies, reducing the future taxable base of the projections, together with the greater weight to be given to the observable evidence of tax losses existing in the last years, according to the interpretation given by accounting standard IAS 12 / CPC 32. As established in the standard, in the case of existence of recent history of successive losses or losses alternated in several years, this becomes the primary evidence for assessing the maintenance or recording of tax credits offsetable against future taxable profits, with the study of projections of these profits remaining as a source of secondary evidences and with lower weight in the assessment.

Thus, the Company elected to maintain in assets an amount of tax losses and negative basis of social contribution equivalent to 30% of the deferred income tax liability balance, an amount that will be used as the deferred tax liability becomes current income tax payable. With this, the total credits arising from temporary differences were accrued and maintained in inventory of credits in the Company's tax books for future utilization. This system of maintenance of tax credits equivalent to 30% of the deferred income tax liability will remain until a new history of taxable profits is formed and the studies of projections of future profits become again primary evidences for the recording of tax credits, when the Company will recognize the temporary differences and higher amounts of tax losses and negative basis of social contribution losses that will be utilized to offset income tax payable arising from future taxable profits.

Based on the study mentioned above, the Company recognized in 2015 an estimated loss on deferred income tax and social contribution credits of R\$3,173 million, of which R\$2,949 million recognized in profit or loss and R\$224 million in equity, as detailed in Note 16(c) Deferred IR/CS Recovery Test.

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1****2.a.c) Restatement of accounting balances of 2015**

(i) The Company reclassified the result of Cia Metalic Nordeste in the amount of R \$ 1,911 in discontinued operations, for comparative purposes, as detailed in note 4.

(ii) Additionally, it reclassified the cash flow hedge result from 2015 from the financial income caption to other revenues operating in the amount of R \$ 11,439 taking into account the classification used in 2016.

**2.a.d) The impacts in the financial statements can be shown as follows:**

The impacts on the financial statements of the items mentioned in notes 2ab and 2.ac are presented as follows:

- Statement of Income**

|                                    | <b>Consolidated</b>           |                    |                     | <b>Parent Company</b>         |                    |
|------------------------------------|-------------------------------|--------------------|---------------------|-------------------------------|--------------------|
|                                    | <b>December 31, 2015</b>      |                    |                     | <b>December 31, 2015</b>      |                    |
|                                    | <b>As Originally Reported</b> | <b>Adjustments</b> | <b>Restated</b>     | <b>As Originally Reported</b> | <b>Restated</b>    |
| <b>Net revenues</b>                | <b>15,331,852</b>             | <b>(70,155)</b>    | <b>15,261,697</b>   | <b>15,261,697</b>             | <b>11,718,369</b>  |
| <b>Cost of goods sold</b>          | <b>(11,799,758)</b>           | <b>59,657</b>      | <b>(11,740,101)</b> | <b>(11,740,101)</b>           | <b>(9,137,528)</b> |
| <b>Operating Income (Expenses)</b> | <b>1,645,531</b>              | <b>(116,624)</b>   | <b>1,528,907</b>    | <b>536,935</b>                | <b>5,055,198</b>   |

|                                                         |                  |                    |                    |                    |                    |
|---------------------------------------------------------|------------------|--------------------|--------------------|--------------------|--------------------|
| Selling expenses                                        | (1,436,000)      | 5,811              | (1,430,189)        | (683,516)          |                    |
| General and administrative expenses                     | (470,368)        | 36                 | (470,332)          | (374,253)          |                    |
| Equity results                                          | 1,160,348        | (76)               | 1,160,272          | (725,730)          | 5,603,039          |
| Other operating income (expenses), net                  | 2,391,551        | (122,395)          | 2,269,156          | 1,262,665          | 509,928            |
| <b>Income before financial results</b>                  | <b>5,177,625</b> | <b>(127,122)</b>   | <b>5,050,503</b>   | <b>536,935</b>     | <b>7,636,039</b>   |
| Financial results, net                                  | (3,373,050)      | 7,888              | (3,365,162)        | 11,439             | (6,029,784)        |
| <b>Income before income tax and social contribution</b> | <b>1,804,575</b> | <b>(119,234)</b>   | <b>1,685,341</b>   | <b>548,374</b>     | <b>1,606,255</b>   |
| Income tax and social contribution                      | (188,624)        | (2,714,592)        | (2,903,216)        | (3,382,200)        | (2,822,288)        |
| Profit (loss) from continued operations                 | <b>1,615,951</b> | <b>(2,833,826)</b> | <b>(1,217,875)</b> | <b>(2,833,826)</b> | <b>(1,216,033)</b> |
| Profit (loss) from discontinued operations              |                  | 1,911              | 1,911              | 1,911              | 1,911              |
| <b>Net income for the year</b>                          | <b>1,615,951</b> | <b>(2,831,915)</b> | <b>(1,215,964)</b> | <b>(2,831,915)</b> | <b>(1,214,122)</b> |
| <b>Attributed to:</b>                                   |                  |                    |                    |                    |                    |
| Controlling interest                                    | 1,617,793        | (2,831,915)        | (1,214,122)        | (2,831,915)        | (1,214,122)        |
| Non-controlling interest                                | (1,842)          |                    | (1,842)            |                    |                    |
|                                                         | <b>1,615,951</b> | <b>(2,831,915)</b> | <b>(1,215,964)</b> | <b>(2,831,915)</b> | <b>(1,214,122)</b> |

- Balance Sheet

## Consolidated

## Parent Company

|                               | December 31,<br>2015         |                    |                   | December 31, 2015            |                    |                   |
|-------------------------------|------------------------------|--------------------|-------------------|------------------------------|--------------------|-------------------|
|                               | As<br>Originally<br>Reported | Adjustments        | Restated          | As<br>Originally<br>Reported | Adjustments        | Restated          |
| <b>ASSETS</b>                 |                              |                    |                   |                              |                    |                   |
| <b>Current</b>                | <b>16,430,691</b>            |                    | <b>16,430,691</b> | <b>8,842,440</b>             |                    | <b>8,842,440</b>  |
| <b>Non-current</b>            | <b>32,219,283</b>            | <b>(1,035,157)</b> | <b>30,908,718</b> | <b>36,763,086</b>            | <b>(1,035,157)</b> | <b>35,727,929</b> |
| Long-term receivables         | 4,890,948                    | (3,228,961)        | 1,661,987         | 4,510,431                    | (3,228,961)        | 1,281,470         |
| Investments                   | 3,998,227                    | 12                 | 3,998,239         | 23,323,565                   | 2,193,804          | 25,517,369        |
| Property, plant and equipment | 17,871,599                   | (45,373)           | 17,826,226        | 8,866,348                    |                    | 8,866,348         |
| Intangibles                   | 5,458,509                    | 9,963,757          | 7,422,266         | 62,742                       |                    | 62,742            |
| <b>TOTAL ASSETS</b>           | <b>48,649,974</b>            | <b>(1,035,157)</b> | <b>47,339,409</b> | <b>45,605,526</b>            | <b>(1,035,157)</b> | <b>44,570,369</b> |
| <b>LIABILITIES</b>            |                              |                    |                   |                              |                    |                   |
| <b>Current</b>                | <b>5,325,571</b>             | <b>(243,372)</b>   | <b>5,082,199</b>  | <b>4,272,372</b>             |                    | <b>4,272,372</b>  |
| <b>Non-current</b>            | <b>34,588,740</b>            | <b>577,182</b>     | <b>35,165,922</b> | <b>33,668,407</b>            | <b>666,081</b>     | <b>34,334,488</b> |
| <b>Shareholders' equity</b>   | <b>8,735,663</b>             | <b>(644,375)</b>   | <b>7,091,288</b>  | <b>7,664,747</b>             | <b>(1,701,238)</b> | <b>5,963,509</b>  |
| Common stock                  | 4,540,000                    |                    | 4,540,000         | 4,540,000                    |                    | 4,540,000         |

|                                                 |                   |                    |                   |                   |                    |
|-------------------------------------------------|-------------------|--------------------|-------------------|-------------------|--------------------|
| Capital reserves                                | 30                | 30                 | 30                |                   | 30                 |
| Income reserves                                 | 2,464,701         | (2,464,701)        | 2,464,701         | (2,464,701)       |                    |
| Other comprehensive income                      | 660,016           | 1,130,677          | 1,790,693         | 660,016           | 1,130,677          |
|                                                 |                   |                    |                   |                   | 1,790,693          |
| Accumulated losses                              | (367,214)         | (367,214)          |                   | (367,214)         | (367,214)          |
| Non-controlling interest                        | 1,070,916         | 56,863             | 1,127,779         |                   |                    |
| <b>TOTAL LIABILITIES + SHAREHOLDERS' EQUITY</b> | <b>48,649,974</b> | <b>(1,431,565)</b> | <b>47,339,409</b> | <b>45,605,526</b> | <b>(1,035,157)</b> |
|                                                 |                   |                    |                   |                   | <b>44,570,369</b>  |

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## • Statement of Value Added

|                                             | As Originally Reported | Reclassifications | Consolidated<br>12/31/2015<br>Restated | As O |
|---------------------------------------------|------------------------|-------------------|----------------------------------------|------|
| Revenues                                    | 18,022,991             | (91,999)          | 17,930,992                             |      |
| Inputs acquired from third parties          | (9,885,152)            | (34,551)          | (9,919,703)                            |      |
| <b>Gross added value</b>                    | <b>8,137,839</b>       | (126,550)         | <b>8,011,289</b>                       |      |
| Withholdings                                | (1,176,840)            | 4,903             | (1,171,937)                            |      |
| <b>Net added value</b>                      | <b>6,960,999</b>       | (121,647)         | <b>6,839,352</b>                       |      |
| <b>Added value received on transfer</b>     | <b>4,875,970</b>       | (2,126)           | <b>4,873,844</b>                       |      |
| Equity in earnings of subsidiaries          | 1,160,348              | (76)              | 1,160,272                              |      |
| Others                                      | 3,715,622              | (2,050)           | 3,713,572                              |      |
| <b>VALUE ADDED TOTAL TO BE DISTRIBUTED</b>  | <b>11,836,969</b>      | (123,773)         | <b>11,713,196</b>                      |      |
| <b>Staff and Charges</b>                    | <b>1,981,402</b>       | <b>(1,769)</b>    | <b>1,979,633</b>                       |      |
| <b>Taxes, fees and contributions</b>        | <b>1,150,868</b>       | <b>2,710,317</b>  | <b>3,861,185</b>                       |      |
| <b>Remuneration of third-party capital</b>  | <b>7,088,748</b>       | <b>1,505</b>      | <b>7,090,253</b>                       |      |
| <b>Remuneration of shareholders' equity</b> | <b>1,615,951</b>       | (2,831,915)       | <b>(1,215,964)</b>                     |      |
| (Loss) profit for the year                  | 1,617,793              | (2,831,915)       | (1,214,122)                            |      |
| Non-controlling interest                    | (1,842)                |                   | (1,842)                                |      |
| <b>Others</b>                               |                        | <b>(1,911)</b>    | <b>(1,911)</b>                         |      |
| Result Discontinued Operations              |                        | (1,911)           | (1,911)                                |      |
| <b>DISTRIBUTION OF VALUE ADDED</b>          | <b>11,836,969</b>      | <b>(123,773)</b>  | <b>11,713,196</b>                      |      |

## • Statement of Changes in Equity

Par  
Comp  
12/31/2

|                      |                   | <b>Paid - in<br/>Capital</b> | <b>Capital<br/>reserve, granted<br/>options and<br/>treasury</b> | <b>Earnings<br/>reserve</b> | <b>Retained<br/>earnings<br/>(accumulated<br/>losses)</b> | <b>Other<br/>comprehensive<br/>income</b> | <b>Sharehold<br/>equity</b> |
|----------------------|-------------------|------------------------------|------------------------------------------------------------------|-----------------------------|-----------------------------------------------------------|-------------------------------------------|-----------------------------|
| <b>As Originally</b> | <b>12/31/2015</b> | <b>4,540,000</b>             | <b>30</b>                                                        | <b>2,464,701</b>            |                                                           | <b>660,016</b>                            | <b>7,664,</b>               |
| Reclassifications    |                   |                              |                                                                  | (2,464,701)                 | (367,214)                                                 | 1,130,677                                 | (1,701,2                    |
| <b>Restated</b>      | <b>12/31/2015</b> | <b>4,540,000</b>             | <b>30</b>                                                        |                             | <b>(367,214)</b>                                          | <b>1,790,693</b>                          | <b>5,963,</b>               |

• **Statement of Cash Flows**

The Company did not restate the balances of the December cash flow statement because the change had no material effect.

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### **3. BUSINESS COMBINATION**

#### **3.1 Acquisition of control of Nacional Minérios S.A. – NAMISA**

##### **3.1.1 Object of transaction**

On December 11, 2014, the Board of Directors of CSN approved the establishment of a strategic alliance with an Asian Consortium comprised by the companies ITOCHU Corporation, JFE Steel Corporation, POSCO, Kobe Steel Ltd., Nisshin Steel Co, Ltd. and China Steel Corp. (“Asian Consortium”).

The transaction consisted of a business combination through which the Asian Consortium contributed equity interest in Namisa into CSN Mineração, a mining subsidiary of CSN. Those excluded assets were net assets and mining rights of Fernandinho, Cayman and Pedras Pretas.

After the corporate restructuring, CSN Mineração became the holder of the commercial establishment related to CSN’s iron ore mine Casa de Pedra, CSN’s 60% equity interest in Namisa, 8.63% direct interest in MRS, as well as the right to manage and operate the solid bulk terminal of TECAR in Itaguaí Port (“TECAR”). The excluded assets Fernandinho, Cayman and Pedras Pretas were contributed to Minérios Nacional, subsidiary of the parent company.

The transaction was concluded by the signing of a shareholder’s agreement by the shareholders of CSN Mineração, on November 30, 2015.



The following steps were carried out in order to conclude the transaction:

- Payment of dividends by Namisa before the closing of the transaction, amounting to US\$1.4 billion (equivalent to R\$5.4 billion);
- Disproportionate split of certain assets of NAMISA, such as the mining rights of Fernandinho, Cayman and Pedras Pretas, as well as the net assets of Fernandinho, for subsequent contribution to Minérios Nacional, a wholly-owned subsidiary of CSN. After the split, CSN held 59.76% in NAMISA;
- Restructuring of CSN Mineração through the contribution, by CSN, of the assets and liabilities related to Casa de Pedra, the rights to operate TECAR, 59.76% of Namisa's shares post-split of the excluded assets, 8.63% of MRS' shares, and US\$850 million in debt (equivalent to R\$3,370 million, as presented in note 10.c);
- Liquidation of the pre-existing agreements with Namisa for supply of high-silicon and low-silicon content ROM (Run of Mine), port services and ore beneficiation;
- Acquisition, by CSN Mineração, of of the NAMISA shares post-split of the excluded assets held by the Asian Consortium, resulting in the merger of NAMISA into CSN Mineração;
- Signing of a shareholder's agreement ("Shareholders' Agreement") by the shareholders of CSN Mineração;
- Payment by CSN of US\$680 million relating to the acquisition of 4% of the shares held by the Asian Consortium in CSN Mineração and additional US\$ 27 million relating to the acquisition of 0.16% of the shares held by the Asian Consortium in CSN Mineração, amounting to US\$ 707 million (equivalent to R\$2.7 billion).

The following charts show the corporate structure before and after the transaction:

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Considering the position of CSN Mineração' assets, the contributions made by the Asian Consortium in the transaction, as well as adjustments resulting from the negotiations between the parties and adjustments of debt, cash and working capital, CSN and the Asian Consortium held at the end of the transaction, equity stakes of 87.52% and 12.48% in the capital stock of CSN Mineração, respectively.

The transaction also includes an earn-out mechanism by which, in the event of a qualified liquidity event occurred under certain valuation parameters and within a defined time period after the closing of the transaction, the Asian Consortium's equity interest in CSN Mineração could be diluted, at CSN's sole discretion, from 12.48% to 8.71%. This mechanism was considered as a contingent asset and no related value was accounted thereto.

Part of the iron ore produced by CSN Mineração will be sold to the members of the Asian Consortium and to CSN. Such rights are reflected in long-term supply agreements entered into on November 30, 2015, which terms were negotiated on usual market conditions. CSN also ensured the use of TECAR for import of raw materials through a long-term agreement.

### **3.1.2 Application of CPC15/IFRS3 to the transaction**

Prior to the transaction, Namisa was managed by means of a shareholder's agreement, through which the Asian Consortium had sufficient vetoes that grant it substantial management rights over the operations. With respect to accounting, Namisa was classified as a joint venture within the scope of IFRS 10 and 11. CSN recorded its 60% equity interest in Namisa according to the equity method.

As mentioned above, CSN carried out a corporate restructuring involving the transfer of its mining operations, rights to operate the port terminal TECAR and equity interests in Namisa and MRS to CSN Mineração. This step of the transaction was carried out based on the book value of the assets, since there was no change control over the assets and equity stakes transferred. Upon conclusion of the corporate restructuring, CSN Mineração became the controlled company of CSN that concentrates the group's mining businesses.

As a result of the transaction, Namisa became fully controlled by CSN Mineração. The Asian Consortium holds only protective vetoes in relation to the assets resulting from the business combination, usual in this type of transaction.

Accordingly, since there has been a change of control over NAMISA's assets, CPC 15/IFRS3 should be applied. Under the parameters of such accounting standards, the acquisition date for purposes of accounting records was November 30, 2015, the date as from the new Shareholders' Agreement of CSN Mineração became effective. Before the acquisition, NAMISA was split to set apart certain assets, such as the mining rights of Fernandinho, Cayman and Pedras Pretas, as well as the net assets of Fernandinho, which were transferred to Minérios Nacional, and the main assets were acquired by CSN Mineração.

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**3.1.3 Application of the acquisition method**

Under CPC15/ IFRS3, the acquisition method shall be applied for recording the transaction. The method consists of the following:

- a) determining the purchase price;
- b) recognizing the amount of the goodwill based on expectations for future profitability; and
- c) recognizing a gain or loss on pre-existing relations that should be settled with the business combination.

These three steps are applicable to the acquisition of control over Namisa, and they are detailed as follows.

**a) Determination of the purchase price**

According to CPC15/IFRS3, the purchase price is determined by the sum of the assets acquired, liabilities assumed, equity instruments issued, non-controlling equity interests and the fair value of any equity interest held prior to the transaction. The following table summarizes the price considered for accounting purposes:

**Item**

**Comments**

**Reference**

|                                                                                                   |                                                                                                                    | <b>R\$<br/>(Million)</b> |       |
|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------|-------|
| Assets acquired                                                                                   | Cash payment in the amount of USD707MM.                                                                            | 2,727                    | (i)   |
| Liabilities assumed                                                                               | Financial adjustment of working capital and debt.                                                                  | 6                        | (i)   |
| Equity instruments issued                                                                         | CSN Mineração issued equity instruments that were given to the Asian Consortium.                                   | 4,034                    | (ii)  |
| Fair value of the interest previously held by the acquirer entity before the business combination | CSN Mineração held 60% of Namisa's shares post-split before the business combination and remeasured at fair value. | 10,700                   | (iii) |
| <b>Purchase price considered for the business combination</b>                                     |                                                                                                                    | <b>17,467</b>            |       |

**i. Assets acquired and liabilities assumed**

Subsequent to the capital increase, the transaction included a cash payment made for acquisition of 4.16% of CSN Mineração's shares held by the Asian Consortium in the amount of US\$707 million, equivalent to R\$2,727 Million as of November 30, 2015 and a liability amounting to R\$6 Million to be paid 1<sup>st</sup>. quarter 2016.

Even though such payment was carried out by CSN for the acquisition of 4.16 % CSN Mineração shares, its economic effect was recorded at CSN Mineração as an integral part of the consideration received due to the control acquisition over Namisa, according to the guidelines provided by CPC15/IFRS3.

**ii. Equity instruments issued – shares of CSN Mineração**

CSN Mineração performed the primary issue of shares to the Asian Consortium represented 12.48% of its total capital. Pursuant to CPC 15/ IFRS3, such shares were appraised at fair value as of the acquisition date.

Such appraisal was performed using the discounted cash flow method, considering the business plans approved by the shareholders of CSN Mineração. The main premises of such appraisal and the results

thereof are described in the table below:

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| <b>Assumptions</b>                                                                | <b>Data</b>                 |
|-----------------------------------------------------------------------------------|-----------------------------|
| Iron Ore Volumes                                                                  | 60Mt/year in the long-term  |
| Price - Platts CFR China 62% Fe                                                   | Range from US\$56 to US\$75 |
| Discount rate                                                                     | Nominal WACC of 13.19%      |
|                                                                                   | <b>R\$ (Million)</b>        |
| Fair Value on November 30, 2015 (equity value)                                    | R\$ 32,334                  |
| Quantity of shares held by the Asian Consortium after the<br>acquisition of 4.16% | <b>12.48%</b>               |
| <b>Fair Value attributed to the equity instruments issued</b>                     | <b>R\$ 4,034</b>            |

The fair value of CSN Mineração was calculated by independent appraisers who issued a new assessment report considering the adjustments identified by the Company's management.

**iii. Equity interest in NAMISA held prior to the acquisition**

CSN Mineração held of Namisa's shares immediately prior to the transaction regarding the acquisition of control be concluded. Such shares were appraised under the equity method.

According to item 41 of CPC15/IFRS3, such shares are part of the consideration transferred and should be measured at their fair value as of the acquisition date. A gain or loss resulting from the difference between the fair value and the carrying amount recorded immediately prior to the acquisition should be recognized in profit or loss for the year.



The appraisal of the fair value of NAMISA was conducted according to the discounted cash flow method, considering the business plans in effect prior to the transaction and approved by the shareholders. NAMISA's fair value remeasurement contained certain assets that were split to CSN and immediately after were transferred to a CSN's wholly-owned subsidiary called Minérios Nacional, whilst NAMISA's main assets were acquired by CSN Mineração. The main assumptions of such appraisal and the results thereof are shown in the following table:

| <b>Assumptions</b>                                              | <b>Data</b>                    |                          |               |
|-----------------------------------------------------------------|--------------------------------|--------------------------|---------------|
| Iron Ore Volumes                                                | 40Mt/year in the long-term     |                          |               |
| Price - Platts CFR China 62% Fe                                 | Range from US\$56 to US\$75    |                          |               |
| Discount rate                                                   | Nominal WACC of 13.83%         |                          |               |
|                                                                 | <b>Excluded Assets</b>         | <b>Namisa Post-Split</b> | <b>Total</b>  |
| % ownership (a)                                                 | 60%                            | 59.76%                   |               |
|                                                                 | <b>R\$(Million) - Restated</b> |                          |               |
| Fair Value of the assets (b)                                    | <b>2,184</b>                   | <b>15,649</b>            | <b>17,833</b> |
| Book Value on November 30, 2015 (c )                            | <b>61</b>                      | <b>10,213</b>            | <b>10,274</b> |
| <b>Gain in the fair value remeasurement (b-c) * a</b>           | <b>1,274</b>                   | <b>3,248</b>             | <b>4,522</b>  |
| (-) Elimination of 59.76 from loss in pre-existing relationship |                                | (732)                    | (732)         |
| <b>Gain in the fair value remeasurement</b>                     | <b>1,274</b>                   | <b>2,516</b>             | <b>3,790</b>  |

The fair value of CSN Mineração was calculated by independent appraisers who issued a new assessment report considering the adjustments identified by the Company's management.

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**1****b) Goodwill on acquisition of control over Namisa**

According to item 32 of the CPC15/IFRS3, the acquirer shall recognize goodwill based on expectations for future profitability as of the acquisition date, measured by the amount at which the purchase price exceeds the fair value of the assets and liabilities acquired (Purchase Price Allocation – PPA). The transaction generated goodwill of R\$3,197 million, according the table below:

| <b>Item</b>                                               | <b>Reference</b>   | <b>R\$ (Million) – (Restated)</b> |                                              | <b>Shareholders' equity</b> |
|-----------------------------------------------------------|--------------------|-----------------------------------|----------------------------------------------|-----------------------------|
|                                                           |                    |                                   | <b>Elimination relationship pre-existing</b> |                             |
| Purchase price considered                                 | Item 3.1.3 (a)     | 17,467                            | (10,649)                                     | 6,818                       |
| Fair value of the assets acquired and liabilities assumed | Item 3.1.3 (b) (i) | 14,270                            | (10,649)                                     | 3,621                       |
| <b>Goodwill for future profitability expected</b>         |                    | <b>3,197</b>                      |                                              | <b>3,197</b>                |

The goodwill based on future profitability expected is recorded under Intangible Assets and, since it does not have a definite useful life, it is not amortized, according to CPC01/IAS 38. As from 2016, CSN started to perform conducting impairment testing for this asset according to the requirements established by CPC01/IAS 36.

**(i) Fair value of the assets acquired and liabilities assumed**

The following table shows the fair value allocation breakdown for 100% of the assets acquired and liabilities assumed as of November 30, 2015, calculated on the basis of reports prepared by independent appraisers:

|                                                                    |                |                           |                                                                       | Consolidated (In<br>Million) |
|--------------------------------------------------------------------|----------------|---------------------------|-----------------------------------------------------------------------|------------------------------|
|                                                                    | Book value     | Fair value<br>adjustments | (-) Write-off of<br>goodwill<br>previously<br>recognized in<br>Namisa | Total fair value             |
| <b>Current assets</b>                                              | <b>1,294</b>   |                           |                                                                       | <b>1,294</b>                 |
| Cash and cash equivalents                                          | 783            |                           |                                                                       | 783                          |
| Trade accounts receivable                                          | 253            |                           |                                                                       | 253                          |
| Prepayment ROM and Port -<br>Congonhas                             | 114            |                           |                                                                       | 114                          |
| Other assets                                                       | 144            |                           |                                                                       | 144                          |
| <b>Non-current assets</b>                                          | <b>10,887</b>  | <b>5,002</b>              | <b>(579)</b>                                                          | <b>15,310</b>                |
| Prepayment ROM and Port -<br>Congonhas                             | 9,310          | 1,225                     |                                                                       | 10,535                       |
| Other assets                                                       | 138            |                           |                                                                       | 138                          |
| MRS interest- 10%                                                  | 306            | 481                       |                                                                       | 787                          |
| Property, plant and equipment                                      | 551            | 111                       |                                                                       | 662                          |
| Intangibles                                                        | 582            | 3,185                     | (579)                                                                 | 3,188                        |
| <b>Total assets acquired</b>                                       | <b>12,181</b>  | <b>5,002</b>              | <b>(579)</b>                                                          | <b>16,604</b>                |
| <b>Current liabilities</b>                                         | <b>1,641</b>   |                           |                                                                       | <b>1,641</b>                 |
| Loans and financings                                               | 5              |                           |                                                                       | 5                            |
| Suppliers                                                          | 29             |                           |                                                                       | 29                           |
| Taxes payable                                                      | 297            |                           |                                                                       | 297                          |
| Proposed dividends (US\$ 300<br>million)                           | 1,157          |                           |                                                                       | 1,157                        |
| Other accounts payable                                             | 153            |                           |                                                                       | 153                          |
| <b>Non-current liabilities</b>                                     | <b>266</b>     | <b>625</b>                | <b>(198)</b>                                                          | <b>693</b>                   |
| Loans and financings                                               | 25             |                           |                                                                       | 25                           |
| Provision for contingencies                                        | 7              |                           |                                                                       | 7                            |
| Taxes (deferred and in<br>installments)                            | 216            | 625                       | (198)                                                                 | 643                          |
| Other accounts payable                                             | 18             |                           |                                                                       | 18                           |
| <b>Total liabilities assumed</b>                                   | <b>1,907</b>   | <b>625</b>                | <b>(198)</b>                                                          | <b>2,334</b>                 |
| <b>Net equity before<br/>Elimination Relation<br/>Pre-Existing</b> | <b>10,274</b>  | <b>4,377</b>              | <b>(381)</b>                                                          | <b>14,270</b>                |
| <b>Elimination Relation<br/>Pre-Existing</b>                       | <b>(9,424)</b> | <b>(1,225)</b>            |                                                                       | <b>(10,649)</b>              |
| <b>Net equity acquired</b>                                         | <b>850</b>     | <b>3,152</b>              | <b>(381)</b>                                                          | <b>3,621</b>                 |

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According to CPC15/IFRS3, the goodwill based on future profitability expected existing in the Namisa's financial statements, as of the acquisition date, should be written off so that a new goodwill is recognized.

The allocation of the fair value resulted in a gain in the total amount of R\$ 3,152 million, distributed among the principal assets of Namisa. The following table shows the breakdown of the amounts allocated and a summary of the calculation methodology:

| <b><u>R\$(Million)</u></b>          |                                                                                                                                                                                                                                                                                                                                                                                                  |                       |                                  |                             |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------|-----------------------------|
| <b>Assets<br/>acquired</b>          | <b>Remeasurement method</b>                                                                                                                                                                                                                                                                                                                                                                      | <b>Book<br/>value</b> | <b>Fair value<br/>adjustment</b> | <b>Total fair<br/>value</b> |
| MRS interest<br>- 10%               | Entity's discounted cash flow based on the long-term business plan approved by the shareholders.                                                                                                                                                                                                                                                                                                 | 306                   | 481                              | 787                         |
| Property,<br>plant and<br>equipment | The amounts of property, plant and equipment were adjusted by the difference between the fair value of the PP&E and their respective net carrying amounts, as per the technical valuation conducted by an independent appraiser for the groups of assets represented by improvements, constructions, vehicles, furniture and fixtures. The useful lives follow the periods disclosed in Note 11. | 551                   | 111                              | 662                         |

|                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |              |
|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|
| Mining rights<br>- Engenho,<br>Fernandinho<br>and Cayman<br>mines    | The income approach was used based on the excess profitability methodology in multiple periods, due to the possibility of attributing the directly generated cash flow to the asset identified. Under this methodology, the amount of the mining rights is estimated based on their future profitability, discounting all costs and investments that would be necessary for extracting and processing the iron ore to their fair value. These rights will be amortized according to the depletion of the mines. | 3,184      | 3,184        |
| Relationship<br>with supplier<br>- iron ore<br>purchase<br>agreement | For the fair value calculation of the contract with Itaminas we used the income approach, comparing the future cash flows generated by operation in two scenarios, through the contract and market conditions.                                                                                                                                                                                                                                                                                                  | 1          | 1            |
| Deferred<br>taxes                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (625)      | (625)        |
|                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>857</b> | <b>3,152</b> |
|                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            | <b>4,009</b> |

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**c) Liquidation of pre-existing relationships between CSN Mineração and NAMISA**

The CPC15/IFRS3 determines that the increase or decrease in fair value resulting from an advantage or disadvantage in the transaction between the acquirer and the acquiree should be liquidated, with recognition of a gain or loss in the income statement of the year as of the transaction date. Such assets or relationships are referred as pre-existing relationship in the context of CPC15/ IFRS3.

CSN Mineração and Namisa had a pre-existing relationship resulting from long-term agreements for the rendering of port services, supply of ROM iron ore and processing of ore. With the business combination, such agreements were extinct, since CSN's mining activities have now been centralized at CSN Mineração.

The liquidation of the pre-existing relationship generated a loss of R\$1,225 million (R\$493 million after the elimination of CSN Mineração's 60% stake in Namisa), which considered the comparison of discounted cash flows at market prices with the contractual discounted cash flows remaining after the installments prepaid in 2008 when the operating agreements of ROM and Porto were entered into.

**3.1.4 Effects reflected in CSN parent company - Transaction between partners recorded in equity**

As mentioned above, CSN Mineração was considered the acquirer for the application of IFRS3/CPC15. As a result, to the completion of the transaction, there was a change in CSN's shareholding in CSN Mineração, which has not represented a loss of control in CSN Mineração by CSN. The Company's participation decreased from 100% to 87.52%. According to CPC36/IFRS10, this change should be classified as an equity transaction and the resulting gain or loss on the new value of the participation shall be recorded directly in net equity. Due to this percentage variation, a gain of R\$2,943 million was recorded. The table

below shows the reconciliation of this amount:

| Events                                                              | R\$ (Million) |
|---------------------------------------------------------------------|---------------|
|                                                                     | Restated      |
| Asian Consortium's contribution to CSN Mineração - item 3.3 (a)     | 4,034         |
| <b>CSN's interest - 87.52% (1)</b>                                  | <b>3,531</b>  |
| Acquisition by CSN of 4.16%                                         | 2,727         |
| Financial adjustment of working capital and debt                    | 6             |
| <b>Transferred assets and liabilities - Item 3.1.3 (a) (i)</b>      | <b>2,733</b>  |
| <b>Asian Consortium's interest - 12.48% (2)</b>                     | <b>(341)</b>  |
| <b>Adjustment in the ownership interest variation % (3)</b>         | <b>(274)</b>  |
| <b>Other effects arisen from the corporate restructuring (4)</b>    | <b>27</b>     |
| <b>Total gain of the transaction between shareholders (1+2+3+4)</b> | <b>2,943</b>  |

### 3.1.5 Summary of the accounting impacts

The following table shows the full impact of the business combination described above in the results and equity of the Company:

| Events                                                                                           | R\$ (Million) Restated Accounting effect |              |
|--------------------------------------------------------------------------------------------------|------------------------------------------|--------------|
|                                                                                                  | P&L                                      | Net Equity   |
| Gain in the fair value remeasurement of 59.76% interest in Namisa - item 3.1.3 (a) iii           | 2,516                                    | 2,516        |
| Gain in the fair value remeasurement of 60% interest in the excluded assets - item 3.1.3 (a) iii | 1,274                                    | 1,274        |
| Gain in the liquidation of pre-existing relationship - item 3.1.3 (c)                            | (493)                                    | (493)        |
| <b>Gain in the business combination before income tax and social contribution</b>                | <b>3,297</b>                             | <b>3,297</b> |
| Deferred income taxes                                                                            | (265)                                    | (265)        |
| Gain in the transaction between shareholders - item 3.1.4                                        |                                          | 2,943        |
| <b>Total impact of the business combination</b>                                                  | <b>3,032</b>                             | <b>5,975</b> |

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**1****3.1.6. Statement of income for the year - Pro forma**

The following table presents the pro forma effects on the CSN income statement considering the acquisition at the beginning of the annual reporting period, as required by CPC 15.

|                                                                | <b>Consolidated</b> | <b>Parent Company</b>             |
|----------------------------------------------------------------|---------------------|-----------------------------------|
|                                                                | <b>12/31/2015</b>   | <b>R\$ Million<br/>12/31/2015</b> |
| <b>Net Revenue</b>                                             | <b>15,824</b>       | <b>11,718</b>                     |
| Cost of sales and services                                     | (12,108)            | (9,138)                           |
| <b>Gross profit</b>                                            | <b>3,716</b>        | <b>2,580</b>                      |
| <b>Operantig income (expenses)</b>                             | <b>273</b>          | <b>5,840</b>                      |
| <b>(Loss)/profit before income tax and social contribution</b> | <b>3,989</b>        | <b>8,420</b>                      |
| Finance income (costs), net                                    | (1,383)             | (6,041)                           |
| <b>(Loss)/profit before income tax and social cotribution</b>  | <b>2,606</b>        | <b>2,379</b>                      |
| Income tax and social contribution                             | (3,051)             | (2,822)                           |
| <b>Profit for the year, net</b>                                | <b>(445)</b>        | <b>(443)</b>                      |
| <b>Attributable to:</b>                                        |                     |                                   |
| Owners of the company                                          | (443)               | (443)                             |
| Non-controlling interests                                      | (2)                 |                                   |



### 3.2 CONTROL AQUISITION OF CGPAR CONSTRUÇÃO PESADA S.A. (“CGPAR”)

On September 30, 2016, CSN acquired 50% shares of CGPAR previously held by GPA Construção Pesada e Mineração Ltda., increasing its participation to 100%. The total amount paid in consideration for the shares was R\$ 1.00 (One Real).

The consideration paid reflects an agreement to solve a legal dispute involving corporate and commercial issues, as well as to release dividends declared in previous fiscal years.

The method consists of:

#### 3.2.1 Determination of the purchase price

| Description                                                                                                   | R\$           | Ref. |
|---------------------------------------------------------------------------------------------------------------|---------------|------|
| Fair value of the equity interest held by the acquiring company in CGPAR immediately prior to the combination | 49,726        | (i)  |
| Consideration paid in CGPAR acquisition                                                                       | -             | (ii) |
| <b>Purchase price considered for the business combination</b>                                                 | <b>49,726</b> |      |

(i) Fair value of 50% stake in CGPAR held immediately before the acquisition.

(ii) Amount related to the consideration paid for the acquiring company R\$ 1.00 (One real).

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CSN held 50% shares of CGPAR immediately before the conclusion of the control acquisition, this investment was measured by the equity method.

According to the item 41 of the CPC 15/IFRS 3, those shares are part of the consideration paid and must be measured by their fair value on the acquisition date. The accounting rule determines that a gain or loss must be recorded resulting from the difference between the fair value and the book value before the transaction. Therefore, the CGPAR valuation by its fair value was calculated based in the discounted cash flow method, considering the business plan valid until the transaction date.

The results are presented in the following table:

| <b>Premises</b>                                                                                                                      | <b>R\$</b>    |
|--------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Fair value as of September 30, 2016 (equity value)                                                                                   | 99,452        |
| Fair value attributed to 50% equity interest prior acquisition (a)                                                                   | 49,726        |
| <b><u>Accounting Balances</u></b>                                                                                                    |               |
| The equity interest prior acquisition (a) on September 30, 2016                                                                      | 8,608         |
| <b>Gain in the valuation of the 50% interest by the fair value of the equity interest prior to the acquisition (a)-(b) (Note 25)</b> | <b>41,118</b> |

**3.2.2 Gain from a bargain purchase generated from the control acquisition of CGPAR**

According to the item 32 of the CPC15/IFRS 3, the acquirer must recognize the goodwill generated from the future economic benefits or a gain from a bargain purchase at the acquisition date. The fair value of assets acquired and liabilities assumed (Purchase Price Allocation - PPA) exceeded the purchase price and the transaction generated a gain from a bargain purchase of R\$ 25,378 million.

|                           | <b>Carrying amounts</b> | <b>Fair value adjustments</b> | <b>09/30/2016<br/>Shareholder's equity<br/>acquired, after tax</b> |
|---------------------------|-------------------------|-------------------------------|--------------------------------------------------------------------|
| Total assets acquired     | 49,726                  |                               | 49,726                                                             |
| Total liabilities assumed | 75,104                  | (22,609) (a)                  | 52,495                                                             |
|                           | <b>25,378</b>           | <b>(22,609)</b>               | <b>2,769</b>                                                       |

a) Includes deferred taxes on fair value adjustment and gain on bargain purchase.

In the following table its presented the fair value allocation for 100% of assets acquired and liabilities assumed on September 30, 2016.

|                                   | <b>Carrying amounts</b> | <b>Fair value adjustments</b> | <b>09/30/2016<br/>Total fair value</b> |
|-----------------------------------|-------------------------|-------------------------------|----------------------------------------|
| <b>Current assets</b>             |                         |                               |                                        |
| Cash and cash equivalents         | 1,881                   |                               | 1,881                                  |
| Trade receivables                 | 27,101                  |                               | 27,101                                 |
| Other assets                      | 4,394                   |                               | 4,394                                  |
| Property, plant and equipment (*) | 16,281                  | 57,889(a)                     | 74,170                                 |
| Intangible assets                 | 93                      |                               | 93                                     |
| <b>Total assets acquired</b>      | <b>49,750</b>           | <b>57,889</b>                 | <b>107,639</b>                         |
| <b>Current liabilities</b>        |                         |                               |                                        |
| Borrowings and financing          | 15,089                  |                               | 15,089                                 |
| Trade payables                    | 3,234                   |                               | 3,234                                  |
| Payroll and related taxes         | 8,889                   |                               | 8,889                                  |
| Taxes payable                     | 2,154                   |                               | 2,154                                  |
| Other payables                    | 3,169                   |                               | 3,169                                  |
| Deferred taxes                    |                         | 22,609(b)                     | 22,609                                 |
| <b>Total liabilities assumed</b>  | <b>32,535</b>           | <b>22,609</b>                 | <b>55,144</b>                          |
| <b>Total equity acquired</b>      | <b>17,215</b>           | <b>35,280</b>                 | <b>52,495</b>                          |

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a) Refers to fixed assets adjusted for the difference between the restated amount of the fixed assets and their respective net book value.

b) Refers to deferred taxes.

**3.2.3 Result of the accounting impacts on the acquisition of control of CGPAR**

The table below shows the total impact of the business combination previously described on the Company's profit or loss and equity:

| Events                                                                        | R\$ (Millions)                |
|-------------------------------------------------------------------------------|-------------------------------|
|                                                                               | Restated<br>Accounting effect |
| Gain on the valuation of the 50% interest in CGPAR at fair value - item 3.2.1 | 41,118                        |
| Gain with advantageous purchase - item 3.2.2                                  | 25,378                        |
| <b>Gain on business combination before IR / CSLL (note 25)</b>                | <b>66,496</b>                 |
| Deferred income tax and social contribution on deferred income (Note 16)      | (22,609)                      |
| <b>Total impact of business combination</b>                                   | <b>43,887</b>                 |

**4 NON CURRENT ASSETS HELD FOR SALE AND RESULTS FROM DISCONTINUED  
OPERATIONS**

On August 23, 2016 the Company concluded a negotiation and signed a contract with Can-Pack S.A. to sell its 100% shares of the subsidiary Cia. Metalic do Nordeste ("Metalic"), which is a player in the metallic packaging business. The agreement has been previously disclosed in the statement of material fact. The transaction value amounted to US\$ 98 million.

Due to the above facts, with base on CPC 31 (Non-current assets held for sale and discontinued operations) attempted, the Company reclassified the investment and the result of September 30, 2016 to the group of Assets Held for Sale in the amount of R\$123,290 and accumulated results for 2016 and 2015 in the amount of R\$ (6,786) and R\$1,911, respectively, to the discontinued operations group to meet CPC requirements and allow better comparability, see note 10.b.

On November 30, 2016, the sale of Metalic was completed, generating a gain as shown below:

|                                      |                |
|--------------------------------------|----------------|
| Receipt by sale investment           | 372,537        |
| Equity on November 30, 2016          | (120,514)      |
| <b>Gain on transaction (note 25)</b> | <b>252,023</b> |

The results and cash flows of discontinued operations are summarized below:

#### 4.a) Results from discontinued operations

|                                                                | 11/30/2016      | 12/31/2015     |
|----------------------------------------------------------------|-----------------|----------------|
| <b>Net revenue</b>                                             | <b>91,669</b>   | <b>119,926</b> |
| Cost of sales and services                                     | (89,188)        | (101,699)      |
| <b>Gross profit</b>                                            | <b>2,481</b>    | <b>18,227</b>  |
| Selling expenses                                               | (3,921)         | (5,811)        |
| General and administrative expenses                            | (6,171)         | (7,654)        |
| Other operating expenses, net                                  | (4,346)         | (4,575)        |
| <b>Profit/ (loss) before financial result</b>                  | <b>(11,957)</b> | <b>187</b>     |
| Finance income (costs), net                                    | 2,396           | 3,512          |
| <b>Profit/(loss) before income tax and social contribution</b> | <b>(9,561)</b>  | <b>3,699</b>   |
| Income tax and social contribution                             |                 | (1,788)        |
| <b>(Loss) profit for the year, net</b>                         | <b>(9,561)</b>  | <b>1,911</b>   |

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**1****4.b) Cash flow from discontinued operations**

|                                                                        | <b>09/30/2016</b> | <b>12/31/2015</b> |
|------------------------------------------------------------------------|-------------------|-------------------|
| Net cash generated / (used) by operating activities                    | 22,659            | (25,668)          |
| Net cash generated / (used) by investing activities                    | (234)             | (1,622)           |
| Net cash generated/ (used) by financing activities                     |                   | (20,000)          |
| <b>Increase (decrease) in cash and cash equivalents for the period</b> | <b>22,425</b>     | <b>(47,290)</b>   |
| Cash and cash equivalents at beginning of period                       | 18,277            | 65,567            |
| <b>Cash and cash equivalents at end of period</b>                      | <b>40,702</b>     | <b>18,277</b>     |

**Effects of disposal over the Company's financial position**

|                                                                                         |                |
|-----------------------------------------------------------------------------------------|----------------|
| - Receipt from the disposal of the investment                                           | 372,537        |
| - Cash and cash equivalents from discontinued operations                                | (40,702)       |
| <b>Net cash provided by the disposal of the investment from discontinued operations</b> | <b>331,835</b> |

**5 CASH AND CASH EQUIVALENTS**

|                                  | <b>12/31/2016</b> | <b>Consolidated<br/>12/31/2015</b> | <b>12/31/2016</b> | <b>Parent Company<br/>12/31/2015</b> |
|----------------------------------|-------------------|------------------------------------|-------------------|--------------------------------------|
| <b>Current</b>                   |                   |                                    |                   |                                      |
| <b>Cash and cash equivalents</b> |                   |                                    |                   |                                      |
| <b>Cash and banks</b>            | <b>502,480</b>    | <b>434,014</b>                     | <b>30,308</b>     | <b>37,003</b>                        |

**Short-term investments****In Brazil:**

|                       |                  |                  |                  |                |
|-----------------------|------------------|------------------|------------------|----------------|
| Government securities | 17,929           | 165,520          | 17,178           | 164,311        |
| Private securities    | 1,390,707        | 945,420          | 1,216,461        | 570,284        |
|                       | <b>1,408,636</b> | <b>1,110,940</b> | <b>1,233,639</b> | <b>734,595</b> |

**Abroad:**

|                                     |                  |                  |                  |                  |
|-------------------------------------|------------------|------------------|------------------|------------------|
| <i>Time deposits</i>                | 2,960,046        | 6,316,098        | 202,799          | 1,113,601        |
| <b>Total short-term investments</b> | <b>4,368,682</b> | <b>7,427,038</b> | <b>1,436,438</b> | <b>1,848,196</b> |
| <b>Cash and cash equivalents</b>    | <b>4,871,162</b> | <b>7,861,052</b> | <b>1,466,746</b> | <b>1,885,199</b> |

The funds available in the Group and parent company set up in Brazil are basically invested in investment funds, classified as exclusive and its financial statements were consolidated within CSN the financial statements, consolidated and parent company. The funds include repurchase agreements backed by private and public securities, with pre-fixed income, with immediate liquidity.

Private securities are short-term investments in Bank Deposit Certificates (CDBs) with yields pegged to the Interbank Deposit Certificate (CDI) fluctuation, and government securities are basically repurchasing agreements backed by National Treasury Notes and National Treasury Bills. The funds are managed by BNY Mellon Serviços Financeiros DTVM S.A. and Caixa Econômica Federal (CEF) and their assets collateralize possible losses on investments and transactions carried out. The investments in those funds were consolidated.

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A significant part of the funds of the Company and its foreign subsidiaries is invested in time deposits in banks considered by the administration as top rated banks and the returns are based on fixed interest rates.

## **6 FINANCIAL INVESTMENTS**

|                                     |                   | <b>Consolidated</b> |                   | <b>Parent<br/>Company</b> |
|-------------------------------------|-------------------|---------------------|-------------------|---------------------------|
|                                     | <b>12/31/2016</b> | <b>12/31/2015</b>   | <b>12/31/2016</b> | <b>12/31/2015</b>         |
| CDB - Bank deposit certificated (1) | 658,476           |                     | 658,476           |                           |
| Government securities (2)           | 101,915           | 763,599             | 99,957            | 763,599                   |
|                                     | <b>760,391</b>    | <b>763,599</b>      | <b>758,433</b>    | <b>763,599</b>            |

(1) Financial investments linked to Bank Certificates of Deposit (CDBs), to be used as a collateral to a guarantee letter.

(2) In 2016, financial investments in Public Securities managed by its exclusive funds, which were used as collateral for future CDI rate's contracts in the period as detailed in note 14 (b). In 2015, bound as guarantee of real exchange rate futures contracts for Commercial dollar settled in December 2016.

## **7 TRADE RECEIVABLES**



|                                      | <b>Consolidated</b> |                   |                   | <b>Parent Company</b> |
|--------------------------------------|---------------------|-------------------|-------------------|-----------------------|
|                                      | <b>12/31/2016</b>   | <b>12/31/2015</b> | <b>12/31/2016</b> | <b>12/31/2015</b>     |
| <b>Trade receivables</b>             |                     |                   |                   |                       |
| <b>Third parties</b>                 |                     |                   |                   |                       |
| Domestic market                      | 1,027,639           | 772,617           | 733,608           | 425,108               |
| Foreign market                       | 919,936             | 818,562           | 67,652            | 250,588               |
|                                      | <b>1,947,575</b>    | <b>1,591,179</b>  | <b>801,260</b>    | <b>675,696</b>        |
| Allowance for doubtful debts         | (172,782)           | (151,733)         | (124,351)         | (112,502)             |
|                                      | <b>1,774,793</b>    | <b>1,439,446</b>  | <b>676,909</b>    | <b>563,194</b>        |
| Related parties (Note 20 b)          | 129,837             | 61,366            | 1,034,098         | 1,140,172             |
|                                      | <b>1,904,630</b>    | <b>1,500,812</b>  | <b>1,711,007</b>  | <b>1,703,366</b>      |
| <b>Other receivables</b>             |                     |                   |                   |                       |
| Dividends receivable (Note 20 b) (*) | 37,679              | 27,817            | 873,473           | 737,668               |
| Advances to employees                | 34,607              | 40,190            | 21,953            | 24,465                |
| Other receivables                    | 20,300              | 9,458             | 18,420            | 2,024                 |
|                                      | <b>92,586</b>       | <b>77,465</b>     | <b>913,846</b>    | <b>764,157</b>        |
|                                      | <b>1,997,216</b>    | <b>1,578,277</b>  | <b>2,624,853</b>  | <b>2,467,523</b>      |

(\*) Refers mainly to dividends receivable from CSN Mineração S.A. totaling R\$ 822,319.

In accordance with Group' internal sales policy the Group performs operations relating to assignment of receivables without co-obligation in which, after assigning the customer's trade notes/bills and receiving the amounts from each transaction closed, CSN settles the trade receivables and becomes entirely free of the credit risk on the transaction. This transaction totals R\$263,644 as of December 31, 2016 (R\$232,275 as of December 31, 2015), less the trade receivables.

The breakdown of gross trade receivables from third parties is as follows:

|                         | <b>Consolidated</b> |                   |                   | <b>Parent Company</b> |
|-------------------------|---------------------|-------------------|-------------------|-----------------------|
|                         | <b>12/31/2016</b>   | <b>12/31/2015</b> | <b>12/31/2016</b> | <b>12/31/2015</b>     |
| Current                 | 1,381,255           | 1,049,033         | 404,259           | 423,801               |
| Past-due up to 180 days | 245,012             | 353,443           | 139,036           | 118,488               |
| Past-due over 180 days  | 321,308             | 188,703           | 257,965           | 133,407               |
|                         | <b>1,947,575</b>    | <b>1,591,179</b>  | <b>801,260</b>    | <b>675,696</b>        |



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The movements in the Group's allowance for doubtful debts are as follows

|                                          | <b>Consolidated</b> |                   | <b>Parent Company</b> |                   |
|------------------------------------------|---------------------|-------------------|-----------------------|-------------------|
|                                          | <b>12/31/2016</b>   | <b>12/31/2015</b> | <b>12/31/2016</b>     | <b>12/31/2015</b> |
| <b>Opening balance</b>                   | <b>(151,733)</b>    | <b>(127,223)</b>  | <b>(112,502)</b>      | <b>(93,536)</b>   |
| Estimated losses                         | (25,474)            | (35,631)          | (16,347)              | (26,288)          |
| Recovery of receivables                  | 4,425               | 11,121            | 4,498                 | 4,504             |
| Incorporation of CSN Cimentos and assets |                     |                   |                       | 2,818             |
| Spin-off to Congonhas                    |                     |                   |                       |                   |
| <b>Closing balance</b>                   | <b>(172,782)</b>    | <b>(151,733)</b>  | <b>(124,351)</b>      | <b>(112,502)</b>  |

**8 INVENTORIES**

|                          | <b>Consolidated</b> |                   | <b>Parent Company</b> |                   |
|--------------------------|---------------------|-------------------|-----------------------|-------------------|
|                          | <b>12/31/2016</b>   | <b>12/31/2015</b> | <b>12/31/2016</b>     | <b>12/31/2015</b> |
| Finished goods           | 1,183,619           | 1,912,868         | 784,130               | 1,078,554         |
| Work in progress         | 674,860             | 1,007,630         | 557,598               | 746,614           |
| Raw materials            | 1,124,158           | 1,062,557         | 767,020               | 563,119           |
| Spare parts              | 824,478             | 962,078           | 412,206               | 489,816           |
| Iron ore                 | 255,029             | 95,461            | 18,899                | 6,912             |
| Advances to suppliers    | 3,168               | 12,147            | 1,689                 | 6,191             |
| (-) Provision for losses | (101,176)           | (111,427)         | (37,312)              | (40,462)          |
|                          | <b>3,964,136</b>    | <b>4,941,314</b>  | <b>2,504,230</b>      | <b>2,850,744</b>  |

The movements in the provision for inventory losses are as follows:

|                                                        | <b>Consolidated</b> |                   | <b>Parent Company</b> |                   |
|--------------------------------------------------------|---------------------|-------------------|-----------------------|-------------------|
|                                                        | <b>12/31/2016</b>   | <b>12/31/2015</b> | <b>12/31/2016</b>     | <b>12/31/2015</b> |
| <b>Opening balance</b>                                 | <b>(111,427)</b>    | <b>(112,581)</b>  | <b>(40,462)</b>       | <b>(88,056)</b>   |
| Reversal / (losses) for slow - moving and obsolescence | 10,251              | 1,154             | 3,150                 | 15,835            |
| Drop down of assets to Congonhas                       |                     |                   |                       | 31,759            |
| <b>Closing balance</b>                                 | <b>(101,176)</b>    | <b>(111,427)</b>  | <b>(37,312)</b>       | <b>(40,462)</b>   |

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1****9 OTHER CURRENT AND NON-CURRENT ASSETS**

The group of other current and non-current assets is comprised as follows:

|                                              | <b>Current</b>    |                   | <b>Consolidated<br/>Non-current</b> |                   | <b>Current</b>    |                   | <b>Parent Company<br/>Non-current</b> |                   |
|----------------------------------------------|-------------------|-------------------|-------------------------------------|-------------------|-------------------|-------------------|---------------------------------------|-------------------|
|                                              | <b>12/31/2016</b> | <b>12/31/2015</b> | <b>12/31/2016</b>                   | <b>12/31/2015</b> | <b>12/31/2016</b> | <b>12/31/2015</b> | <b>12/31/2016</b>                     | <b>12/31/2015</b> |
| Judicial deposits (note 18)                  |                   |                   | 331,258                             | 328,542           |                   |                   | 273,038                               | 263,046           |
| Credits with the PGFN (1)                    |                   |                   | 46,774                              | 87,761            |                   |                   | 46,774                                | 87,761            |
| Recoverable taxes (2)                        | 780,715           | 996,679           | 386,872                             | 445,926           | 471,955           | 702,722           | 178,773                               | 245,833           |
| Prepaid expenses                             | 27,011            | 119,456           | 20,421                              | 28,119            | 2,785             | 19,440            |                                       | 4,500             |
| Actuarial asset-related party (note 20 b)    |                   |                   | 119,854                             | 114,433           |                   |                   | 109,106                               | 112,660           |
| Derivative financial instruments (note 14 I) | 2,298             | 118,592           |                                     |                   |                   |                   |                                       |                   |
| Exclusive Funds                              |                   |                   |                                     |                   |                   | 110,075           |                                       |                   |
| Securities held for trading (note 14 I)      | 2,966             | 10,778            |                                     |                   | 2,818             | 10,659            |                                       |                   |
| Iron ore inventory (3)                       |                   |                   | 144,499                             | 144,499           |                   |                   |                                       |                   |
|                                              |                   |                   | 26,598                              | 10,888            |                   |                   | 26,598                                | 8,452             |

|                                                    |                |                  |                  |                  |                |                |                  |                  |  |
|----------------------------------------------------|----------------|------------------|------------------|------------------|----------------|----------------|------------------|------------------|--|
| Northeast Investment Fund – FINOR                  |                |                  |                  |                  |                |                |                  |                  |  |
| Other receivables (note 14 I)                      |                |                  | 15,291           | 6,877            |                |                | 2,847            | 1,439            |  |
| Loans with related parties (note 20 b and 14 I)    |                |                  | 479,960          | 373,214          | 25,602         |                | 375,716          | 239,930          |  |
| Others receivables from related parties (note 20b) | 5,768          | 9,420            | 32,020           | 29,020           | 132,384        | 32,479         | 311,414          | 303,441          |  |
| Others                                             | 33,255         | 31,524           | 72,273           | 14,642           |                |                | 71,696           | 14,408           |  |
|                                                    | <b>852,013</b> | <b>1,286,449</b> | <b>1,675,820</b> | <b>1,583,921</b> | <b>635,544</b> | <b>875,375</b> | <b>1,395,962</b> | <b>1,281,470</b> |  |

(1) Refers to the excess of judicial deposit originated by the 2009 REFIS (Tax Debt Refinancing Program). After the settlement of the tax debt refinancing program, the amount related to one of the lawsuits was fully redeemed through a judicial authorization.

(2) Refers mainly to taxes on revenue (PIS/COFINS) and State VAT (ICMS) recoverable and income tax and social contribution for offset.

(3) Long-term iron ore inventories that will be used after the construction of the processing plant, which will produce pellet feed, expected to start operating in the second half of 2018.

## 10 INVESTMENTS

- **Reduce of financial leverage**

With the primary objective of reducing the Company's financial leverage, Management is committed to a plan to dispose of a set of assets, however, it is not possible to confirm that the sale within a period of 12

months is highly probable for any of the assets contemplated. The Company considers several sales scenarios that vary according to different macroeconomic and operational assumptions. In this context, the Company did not segregate and did not reclassify such assets in the financial statements as discontinued operations in accordance with CPC 31 (IFRS 5).

The sale of the subsidiary Cia Metalic Nordeste, as mentioned in note 4, is part of the Company's efforts in the sale of assets.

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**1****10.a) Direct equity interests in subsidiaries, joint ventures, joint operations, associates and other  
investments**

| Companies                                     | Number of shares held |             | %<br>Direct<br>equity<br>interest | Participation In |             |                       |
|-----------------------------------------------|-----------------------|-------------|-----------------------------------|------------------|-------------|-----------------------|
|                                               | by CSN in units       |             |                                   | Assets           | Liabilities | Shareholder<br>equity |
|                                               | Common                | Preferred   |                                   |                  |             |                       |
| Investments under the equity method           |                       |             |                                   |                  |             |                       |
| Subsidiaries                                  |                       |             |                                   |                  |             |                       |
| CSN Islands VII Corp.                         | 20,001,000            |             | 100.00                            | 6,436,140        | 6,228,374   | 207,76                |
| CSN Islands IX Corp.                          | (1)                   |             |                                   |                  |             |                       |
| CSN Islands X Corp.                           | (1)                   |             |                                   |                  |             |                       |
| CSN Islands XI Corp.                          | 50,000                |             | 100.00                            | 2,530,563        | 2,509,866   | 20,69                 |
| CSN Islands XII Corp.                         | 1,540                 |             | 100.00                            | 2,244,240        | 3,263,539   | (1,019,299            |
| CSN Minerals S.L.U.                           | 3,500                 |             | 100.00                            | 3,833,669        | 9,840       | 3,823,82              |
| CSN Export Europe, S.L.U.                     | 3,500                 |             | 100.00                            | 666,362          | 30,077      | 636,28                |
| CSN Metals S.L.U.                             | 16,504,020            |             | 100.00                            | 636,408          | 20,668      | 615,74                |
| CSN Americas S.L.U.                           | 3,500                 |             | 100.00                            | 1,492,678        | 4,445       | 1,488,23              |
| CSN Steel S.L.U.                              | 22,042,688            |             | 100.00                            | 2,537,179        | 1,585,977   | 951,20                |
| Sepetiba Tecon S.A.                           | 254,015,052           |             | 99.99                             | 441,214          | 165,172     | 276,04                |
| Minérios Nacional S.A.                        | 66,393,587            |             | 99.99                             | 74,738           | 28,038      | 46,70                 |
| Fair value - Minérios Nacional                | (2)                   |             |                                   |                  |             | 2,123,50              |
| Estanho de Rondônia S.A.                      | 121,861,697           |             | 99.99                             | 32,816           | 21,552      | 11,26                 |
| Cia Metalic Nordeste                          | (3)                   |             |                                   |                  |             |                       |
| Companhia Metalúrgica Prada                   | 313,651,399           |             | 99.99                             | 769,337          | 620,509     | 148,82                |
| CSN Cimentos S.A.                             | (4)                   |             |                                   |                  |             |                       |
| CSN Mineração S.A.                            | (5)                   | 158,419,480 | 87.52                             | 13,039,767       | 4,943,090   | 8,096,67              |
| CSN Energia S.A.                              |                       | 43,150      | 100.00                            | 109,290          | 39,654      | 69,63                 |
| FTL - Ferrovia Transnordestina Logística S.A. |                       | 395,302,149 | 90.78                             | 484,218          | 126,334     | 357,88                |
| Companhia Florestal do Brasil                 |                       | 38,364,462  | 99.99                             | 35,206           | 5,179       | 30,02                 |
| Nordeste Logística                            |                       | 99,999      | 99.99                             | 81               | 55          | 2                     |
| CGPAR - Construção Pesada S.A.                | (6)                   | 100,000     | 100.00                            | 40,889           | 27,558      | 13,33                 |



|                                                              |             |           |       |                   |                   |                  |
|--------------------------------------------------------------|-------------|-----------|-------|-------------------|-------------------|------------------|
| Fair Value Fixed Assets - CGPAR (6)                          |             |           |       |                   |                   | 53,94            |
|                                                              |             |           |       | <b>35,404,795</b> | <b>19,629,927</b> | <b>17,952,32</b> |
| <b>Joint-venture and Joint-operation</b>                     |             |           |       |                   |                   |                  |
| Nacional Minérios S.A. (4)                                   |             |           |       |                   |                   |                  |
| Itá Energética S.A.                                          | 253,606,846 |           | 48.75 | 282,383           | 27,728            | 254,65           |
| MRS Logística S.A.                                           | 26,611,282  | 2,673,312 | 18.64 | 1,411,526         | 795,903           | 615,62           |
| CBSI - Companhia Brasileira de<br>Serviços de Infraestrutura | 1,876,146   |           | 50.00 | 13,574            | 11,517            | 2,05             |
| CGPAR - Construção Pesada S.A. (6)                           |             |           |       |                   |                   |                  |
| Transnordestina Logística S.A.                               | 22,761,085  | 1,397,545 | 49.02 | 3,786,556         | 2,566,315         | 1,220,24         |
| <i>Fair Value allocated to TLSA in loss of control</i>       |             |           |       |                   |                   | 271,11           |
|                                                              |             |           |       | <b>5,494,039</b>  | <b>3,401,463</b>  | <b>2,363,69</b>  |
| <b>Associates</b>                                            |             |           |       |                   |                   |                  |
| Arvedi Metalfer do Brasil                                    | 27,239,971  |           | 20.00 | 53,101            | 48,258            | 4,84             |
|                                                              |             |           |       | <b>53,101</b>     | <b>48,258</b>     | <b>4,84</b>      |
| <b>Classified as available for sale (note 14 I)</b>          |             |           |       |                   |                   |                  |
| Usiminas                                                     |             |           |       |                   |                   | 1,353,66         |
| Panatlântica                                                 |             |           |       |                   |                   | 20,60            |
|                                                              |             |           |       |                   |                   | <b>1,374,26</b>  |
| <b>Others Investments</b>                                    |             |           |       |                   |                   |                  |
| Revenue from subsidiaries'<br>inventories                    |             |           |       |                   |                   | (74,459          |
| Others                                                       |             |           |       |                   |                   | 63,54            |
|                                                              |             |           |       |                   |                   | <b>(10,918</b>   |
| <b>Total Investments</b>                                     |             |           |       |                   |                   | <b>21,684,20</b> |
| <b>Classification of investments in the balance sheet</b>    |             |           |       |                   |                   |                  |
| Investments in assets                                        |             |           |       |                   |                   | 22,703,50        |
| Investment with short term liabilities                       |             |           |       |                   |                   | (1,019,299       |
|                                                              |             |           |       |                   |                   | <b>21,684,20</b> |

(1) Company extinguished;

(2) Fair Value of mining rights and property, plant and equipment arising from the business combination as detailed in note 3.1

(3) Investment reclassified to non-current assets held for sale on September, 2016 and sell made on November, 2016 as detailed in note 4;

(4) Company incorporated in 2015;

(5) The amounts presented reflect the off-book adjustments made at the Company CSN Mineração;

(6) Control acquisition, according note 3.2, Which was evaluate at fair value on the acquisition date.

The number of shares, the carrying amounts of assets, liabilities and shareholders' equity, and the amounts of profit or loss for the year refer to the equity interests held by CSN in those companies.

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**1****10.b) Changes of investments balances in subsidiaries, joint ventures, joint operations, associates  
and other investments**

|                                                                                               |                   | <b>Consolidated</b>            |                    | <b>Parent<br/>Company</b>      |
|-----------------------------------------------------------------------------------------------|-------------------|--------------------------------|--------------------|--------------------------------|
|                                                                                               | <b>12/31/2016</b> | <b>12/31/2015<br/>Restated</b> | <b>12/31/2016</b>  | <b>12/31/2015<br/>Restated</b> |
| <b>Opening balance of investments</b>                                                         | <b>3,998,239</b>  | <b>13,665,453</b>              | <b>25,517,369</b>  | <b>24,199,129</b>              |
| <b>Opening balance of loss<br/>provisions</b>                                                 |                   |                                | <b>(1,095,086)</b> | <b>(1,088,559)</b>             |
| Investment balance of Namisa<br>11.30.15                                                      |                   | (10,160,981)                   |                    |                                |
| Capital increase/acquisition of shares                                                        | 190,651           | 3,575                          | 242,854            | 490,842                        |
| Acquisition of Congonhas Minérios<br>shares - 4.16%                                           |                   |                                |                    | 2,732,605                      |
| Capital reduction                                                                             |                   | (466,758)                      |                    | (546,796)                      |
| Dividends (1)                                                                                 | (36,765)          | (54,464)                       | (2,469,827)        | (3,985,128)                    |
| Comprehensive income (2)                                                                      | 713,442           | (967,447)                      | 314,230            | (426,622)                      |
| Comprehensive income - Business<br>Combination                                                |                   |                                |                    | 2,943,244                      |
| Contribution of capital for the transfer<br>of spin-off assets                                |                   |                                |                    | (547,494)                      |
| Equity pickup (4)                                                                             | 108,031           | 1,192,034                      | (370,343)          | 5,603,039                      |
| Incorporation of subsidiary - CSN<br>Cimentos                                                 |                   |                                |                    | (1,061,005)                    |
| Drop down of MRS assets to<br>Congonhas                                                       |                   | 786,812                        |                    | (6,173,113)                    |
| Transfer of assets - Casa de Pedra<br>and Tecar                                               |                   |                                |                    | 156,723                        |
| Reclassification of metallic investment<br>on September 30, 2016 to held for<br>sale (note 4) |                   |                                | (123,290)          |                                |
| Reclassification of Metalic's result<br>from discontinued operations (note 4)                 |                   |                                | (6,786)            | 1,911                          |
|                                                                                               |                   |                                | 8,608              |                                |

|                                                                                       |                  |                  |                    |                    |
|---------------------------------------------------------------------------------------|------------------|------------------|--------------------|--------------------|
| Acquisition of 50% interest in CGPAR (note 3)                                         |                  |                  |                    |                    |
| Fair value of property, plant and equipment - Acquisition of control - CGPAR (note 3) |                  |                  | 57,889             |                    |
| Asset capital gains - Minérios Nacional                                               |                  |                  |                    | 2,123,507          |
| Amortization of fair value - Invest.MRS                                               | (11,746)         |                  |                    |                    |
| Amortization of fair value - Invest. CGPAR                                            | (3,940)          |                  |                    |                    |
| Impairment of the Fair Value of Transnordestina (3)                                   | (387,989)        |                  | (387,989)          |                    |
| Others                                                                                | (1,472)          | 15               | (3,420)            |                    |
| <b>Closing balance of investments</b>                                                 | <b>4,568,451</b> | <b>3,998,239</b> | <b>22,703,508</b>  | <b>25,517,369</b>  |
| <b>Balance of provision for investments with negative equity</b>                      |                  |                  | <b>(1,019,299)</b> | <b>(1,095,086)</b> |
| <b>Total</b>                                                                          | <b>4,568,451</b> | <b>3,998,239</b> | <b>21,684,209</b>  | <b>24,422,283</b>  |

(1) In 2016 refers to the allocation of dividends from subsidiaries Sepetiba Tecon, MRS Logistica, CSN Energia, Itá Energética, CGPAR Construção Pesada, CSN Minerals, CSN Export, CSN Steel, CSN Metals, CSN Mineração and CSN Americas.

(2) Refers to the mark-to-market of investments classified as available for sale and translation to the reporting currency of the foreign investments (the functional currency of which is not the Brazilian Reais), actuarial gain/loss and gain/loss on net investment hedge from investments measured by equity method.

(3) Refers to impairment of the fair value of Transnordestina Logística S.A, see note 10.d).

(4) The table below shows the reconciliation of the equity in results of affiliated companies included on investment balance with the amount disclosed in the income statement and it is due to the elimination of the results of the CSN's transactions with these companies

|                                                  | 12/31/2016 | Consolidated<br>12/31/2015 |
|--------------------------------------------------|------------|----------------------------|
| <b>Equity in results of affiliated companies</b> |            | <b>Restated</b>            |
| Nacional Minérios S.A.                           |            | 1,156,714                  |

|                                                           |                |                  |
|-----------------------------------------------------------|----------------|------------------|
| MRS Logística S.A.                                        | 155,617        | 78,684           |
| CBSI - Companhia Brasileira de Serviços de Infraestrutura | 2,953          | (2,979)          |
| Transnordestina                                           | (52,127)       | (31,137)         |
| Arvedi Metalfer do Brasil                                 | 1,372          | (15,690)         |
| Others                                                    | 216            | 6,442            |
|                                                           | <b>108,031</b> | <b>1,192,034</b> |
| <b>Eliminations</b>                                       |                |                  |
| To cost of sales                                          | (41,556)       | (50,815)         |
| To net revenues                                           |                | 2,805            |
| To taxes                                                  | 14,129         | 16,324           |
| <b>Others</b>                                             |                |                  |
| Amortization of fair value - Investment in MRS            | (11,746)       |                  |
| Amortization of fair value - Investment in CGPAR          | (3,940)        |                  |
| Others                                                    |                | (76)             |
| <b>Equity in results</b>                                  | <b>64,918</b>  | <b>1,160,272</b> |

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**10.c) Additional information about the main operating subsidiaries**

- SEPETIBA TECON S.A. (“Tecon”)

The Container Terminal was created to exploit the terminal nº 1 in Itaguaí Port, located in the State of Rio de Janeiro. The terminal is connected to the UPV by the Southeast railroad network. The Southeast railroad network is the contract object of the concession that has been granted to MRS Logística S. A. The range of services includes the move operation of cargo, storage of containers and steel products, general cargo, cleaning and maintenance.

Tecon won the auction held on September 3, 1998 to enter into a lease agreement for operation of the port terminal for a period of 25 years, extendable for an equal period. With the publication of Presidential Decree 9048 of May 10, 2017, the operation of the terminal may be successively extended in distinct periods with a maximum term of 70 years.

When the of the lease expires, it will return to the Union as well as all the rights and privileges transferred to Teccon, along with the ownership of assets and those resulting from investments, declared reversible by the Federal Government for being necessary to the continuity of terminal’s operation. The reversible assets will be indemnified by the Federal Government at the residual value of cost, based on the accounting records of Teccon after deducting depreciation.

- ESTANHO DE RONDÔNIA S.A. (“ERSA”)

Headquartered in the state of Rondônia, the subsidiary operates two units, which are based in the cities of Itapuã do Oeste and Ariquemes. In Itapuã do Oeste is extracted the cassiterite (tin ore) and in Ariquemes is located the casting operation, where the metallic tin is made, which is the raw material used in UPV for the production of tin plates.

- COMPANHIA METALÚRGICA PRADA ("Prada")

Prada operates in the area of two segments: steel metal packaging, production and processing and distribution of flat steel.

*Metal packaging*

In the steel metal packaging segment, Prada produces its supply chain includes the chemical and food segments, providing packaging and printing services to leading companies in the market.

Prada holds a 100% interest in the capital stock of Companhia Brasileira de Latas - "CBL".

On 2015, Prada has incorporated its subsidiary Rimet Empreendimentos Industriais e Comerciais.

*Distribution*

Prada is a player in the market of processing and distribution regarding flat steel products, with a diversified product line. It provides coils, rolls, strips, blanks, metal sheets, profiles, tubes and tiles, among other products, to the most different industry segments - from automotive to construction. It is also specialized in providing service steel processing, meeting the demand of the all national companies.

- CSN ENERGIA S.A.

Its main objective is the distribution of the excess electric power generated by CSN and Companies, consortiums or other entities in which CSN holds an interest.

- FTL - FERROVIA TRANSNORDESTINA LOGÍSTICA S.A. (“FTL”)

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FTL was created on the purpose of incorporating the spun-off portion of TLSA, the Company holds the concession to operate the railway cargo transportation, the public service is provided in northeastern of Brazil, which includes the railway between the towns of Sao Luis to Fortaleza, Recife Daredevil, Itabaiana Cabedelo, Paula Cavalcante Macau and Propriá Jorge Lins ("Network I").

As of November 2016, the CSN subscribed shares by capitalization of advances for future capital increase amounting R\$ 39,341, therefore its participation in the share capital of the company increased from 89.79% to 90.78%. As a result of the operations described above that caused a change in the shareholder's participation, the Company recorded a loss in the amount of R \$ (25) recorded in shareholders' equity in other comprehensive income.

- **CSN MINERAÇÃO S.A.**

Headquartered in Congonhas, Minas Gerais, it is primarily engaged in the production, purchase and sale of iron ore. CSN Mineração S.A. commercializes its products mainly in the overseas market. From 30 November 2015, the CSN Mineração S.A. has centralized mining operations of CSN, including the establishments of the mine Casa de Pedra, the port TECAR and the participation of 18.63% in MRS. The participation of the CSN in this subsidiary is 87.52%.

- **MINÉRIOS NACIONAL S.A.**

Headquartered in Congonhas, Minas Gerais, Mineração Nacional is mainly engaged in the production and commercialization of iron ore. This subsidiary concentrates the mining rights assets related to the



Fernandinho, Cayman and Casa de Pedra mines transferred to this subsidiary in the business combination process that took place in 2015.

- CGPAR CONSTRUÇÃO PESADA S.A. (“CGPAR”)

A CGPAR foi constituída entre a CSN e a GPA Construção Pesada e Mineração Ltda. The investment was considered a joint operation until Moment in that it started being controlled by CSN as explained in note 3.2. Based in the city of Belo Horizonte, MG, CGPAR is mainly engaged in providing services related to the support to the extraction of iron ore, earth leveling, earthmoving, and dam construction.

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1****10.d) Joint ventures and joint operations financial information**

The balances of the balance sheets and income statements of joint venture and joint operation are presented as follows and refer to 100% of the companies' profit/loss:

| Equity interest (%)                               | 12/31/2016           |               |                        |                        |
|---------------------------------------------------|----------------------|---------------|------------------------|------------------------|
|                                                   | <i>Joint-Venture</i> |               |                        | <i>Joint-Operation</i> |
|                                                   | <b>MRS</b>           | <b>CBSI</b>   | <b>Transnordestina</b> | <b>Itá Energética</b>  |
|                                                   | <b>Logística</b>     |               | <b>Logística</b>       |                        |
|                                                   | <b>34.94%</b>        | <b>50.00%</b> | <b>49.02%</b>          | <b>48.75%</b>          |
| <b>Balance sheet</b>                              |                      |               |                        |                        |
| <b>Current assets</b>                             |                      |               |                        |                        |
| Cash and cash equivalents                         | 345,164              | 2,925         | 1,899                  | 17,689                 |
| Advances to suppliers                             | 7,452                | 951           | -                      | 99                     |
| Other current assets                              | 406,170              | 19,603        | 54,652                 | 16,054                 |
| <b>Total current assets</b>                       | <b>758,786</b>       | <b>23,479</b> | <b>56,551</b>          | <b>33,842</b>          |
| <b>Non-current assets</b>                         |                      |               |                        |                        |
| Other non-current assets                          | 598,577              | 234           | 261,292                | 29,219                 |
| Investments, PP&E and intangible assets           | 6,215,442            | 3,434         | 7,407,189              | 516,186                |
| <b>Total non-current assets</b>                   | <b>6,814,019</b>     | <b>3,668</b>  | <b>7,668,481</b>       | <b>545,405</b>         |
| <b>Total Assets</b>                               | <b>7,572,805</b>     | <b>27,147</b> | <b>7,725,032</b>       | <b>579,247</b>         |
| <b>Current liabilities</b>                        |                      |               |                        |                        |
| Borrowings and financing                          | 653,491              |               | 76,441                 |                        |
| Other current liabilities                         | 740,319              | 23,034        | 134,747                | 53,858                 |
| <b>Total current liabilities</b>                  | <b>1,393,810</b>     | <b>23,034</b> | <b>211,188</b>         | <b>53,858</b>          |
| <b>Non-current liabilities</b>                    |                      |               |                        |                        |
| Borrowings and financing                          | 2,176,357            |               | 5,024,404              |                        |
| Other non-current liabilities                     | 699,830              | -             | -                      | 3,020                  |
| <b>Total non-current liabilities</b>              | <b>2,876,187</b>     | <b>-</b>      | <b>5,024,404</b>       | <b>3,020</b>           |
| <b>Shareholders' equity</b>                       | <b>3,302,808</b>     | <b>4,113</b>  | <b>2,489,440</b>       | <b>522,369</b>         |
| <b>Total liabilities and shareholders' equity</b> | <b>7,572,805</b>     | <b>27,147</b> | <b>7,725,032</b>       | <b>579,247</b>         |

01/01/2016 to 12/31/2016 11/30/2015

| Equity interest (%)                                     | <i>Joint-Venture</i> |               |                           | <i>Joint-Operation</i> |                       |
|---------------------------------------------------------|----------------------|---------------|---------------------------|------------------------|-----------------------|
|                                                         | MRS Logística        | CBSI          | Transnordestina Logística | Itá Energética         | Nacional Minérios (*) |
|                                                         | <b>34.94%</b>        | <b>50.00%</b> | <b>49.02%</b>             | <b>48.75%</b>          | <b>59.76%</b>         |
| <b>Statements of Income</b>                             |                      |               |                           |                        |                       |
| Net revenue                                             | 3,279,420            | 122,870       |                           | 172,263                | 751,595               |
| Cost of sales and services                              | (2,208,786)          | (105,692)     |                           | (91,568)               | (557,504)             |
| Gross profit                                            | 1,070,634            | 17,178        | -                         | 80,695                 | 194,091               |
| Operating (expenses) income                             | (160,187)            | (8,367)       | (97,596)                  | (54,616)               | (113,533)             |
| Finance income (costs), net                             | (249,300)            | (1,676)       | (6,032)                   | 397                    | 1,996,261             |
| Income before income tax and social contribution        | 661,147              | 7,135         | (103,628)                 | 26,476                 | 2,076,819             |
| Current and deferred income tax and social contribution | (243,602)            | (1,229)       |                           | (8,854)                | (148,964)             |
| <b>(Loss) profit for the year</b>                       | <b>417,545</b>       | <b>5,906</b>  | <b>(103,628)</b>          | <b>17,622</b>          | <b>1,927,855</b>      |

(\*) Refers to the consolidated results of Namisa until November 30, 2015

• ITÁ ENERGÉTICA S.A. - ("ITASA")

ITASA is a corporation established in July 1996 that was engaged to operate under a shared concession, the Itá Hydropower Plant (UHE Itá), with 1,450 MW of installed power, located on the Uruguay River, on the Santa Catarina and Rio Grande do Sul state border.

• MRS LOGÍSTICA S.A. ("MRS")

With registered offices in the City of Rio de Janeiro-RJ, this subsidiary is engaged in public railroad transportation, on the basis of an onerous concession, on the domain routes of the Southeast Grid of the federal railroad network (Rede Ferroviária Federal S.A. – RFFSA), located in the Southeast (Rio de Janeiro, São Paulo and Belo Horizonte). The concession has a 30-year term as from December 1, 1996, extendable for an equal term by exclusive decision of the concession grantor.

MRS may further engage in services involving transportation modes related to railroad transportation and participate in projects aimed at expanding the railroad service concessions granted.

For performance of the services covered by the concession for a, MRS leased from RFFSA for the same concession period, the assets required for operation and maintenance of the freight railroad transportation

activities. At the end of the concession, all the leased assets are to be transferred to the ownership of the railroad transportation operator designated at that time.

In 2014, the Company had a direct equity interest of 27.27% in the capital stock of MRS, as well as an indirect equity interest of 10% therein, together with its joint venture Namisa.

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On 2015, the Company has transferred 8.63% of its direct participation in MRS to CSN Mineração S.A. under the business combination. Owing to the transaction in question, the Company had a direct equity interest of 18.64% in the capital stock of MRS and an indirect equity interest of 18.63% through its subsidiary CSN Mineração S.A., consequently the total participation is 37.27%.

- **CONSÓRCIO DA USINA HIDRELÉTRICA DE IGARAPAVA**

The Igarapava Hydroelectric Power Plant is located on the Grande River, in the city of Conquista, MG, and has installed capacity of 210 MW. It consists of 5 bulb-type generating units.

CSN holds a 17.92% investment in the consortium, whose specific purpose is the distribution of electric power, which is made according to the percentage equity interest of each company.

The balance of property, plant and equipment less depreciation as of December 31, 2016 is R\$25,921 (R\$27,084 as of December 31, 2015) and the expense in 2016 amounted to R\$6,041 (R\$5,040 in 2015).

- **CBSI - COMPANHIA BRASILEIRA DE SERVIÇOS DE INFRAESTRUTURA (“CBSI”)**

CBSI is the result of a joint operation between CSN and CKTR Brasil Ltda. Based in the city of Araucária, PR, CBSI is primarily engaged in providing services CSN and other third-party entities, and can operate activities related to the refurbishment and maintenance of industrial machinery and equipment, construction maintenance, industrial cleaning, logistic preparation of products, among other activities.

- **TRANSNORDESTINA LOGÍSTICA S.A. (“TLSA”)**

TLSA is primarily engaged in the public service operation and development of a railroad network in the Northeast of Brazil network, comprising the rail segments Missão Velha-Salgueiro, Salgueiro-Trindade, Trindade-Eliseu Martins, Salgueiro- Porto de Suape, and Missão Velha-Porto de Pecém sections (“Railway System II”).

It is in preoperational phase and should remain so until the completion of Rail Network II. The approved schedule, which considered the completion of the work by January 2017, is currently under review and discussion with the responsible bodies; However, Management understands that new deadlines for project completion will not have material adverse effects on the expected return on investment. After assessing this matter, its Management has concluded as appropriate the use of the accounting basis of operating continuity of the project in the preparation of its financial statements.

During the year 2016, the others shareholders of TLSA subscribed 6,842,806 shares in amounting to R\$360,000, diluting CSN on TLSA share capital to 49.02%. Therefore, due to the transactions described above and the participation change of the shareholders in the share capital of TLSA on 2016, the Company recognized a gain of R\$1,324, recorded in equity in others comprehensive income.

Even though at December 31, 2016, the Company has negative net working capital of R\$ 182,339, management receives funds from its shareholders and third parties for completion of the works, which are expected to be available, based on agreements previously entered into and recent discussions between the involved parties. After analyzing this matter, Management concluded as adequate the use of the accounting base of the project’s going concern in the preparation of the financial statements for the year ended December 31, 2016.

In this direction, TLSA performed an impairment test of its own long-live assets using the discount cash flow method and considered the main assumptions, as follows:

Measurement of recoverable value:

|                             |                   |
|-----------------------------|-------------------|
| <b>Cash Flow Projection</b> | <b>Until 2057</b> |
| Gross Margin                |                   |

|                           |                                                                                                                                          |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Estimated Costs           | Based on market studies to capture operations costs and loads, according studied of market trends.                                       |
| Growth rate in perpetuity | Costs based on studies and market trends.<br>Growth rate was not considered due to the projection model until the end of the concession. |
| Discount rate             | Between 4.25% to 7.90% in real terms.                                                                                                    |

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In addition, CSN, as an investor, performed an impairment test of its stake in TLSA, through TLSA ability to distribute dividends, methodology known as Dividend Discount Model, or DDM, to remunerate the capital invested by shareholders. In order to perform this test, some aspects were taken into account, such as:

- The flow of dividends was obtained from the TLSA nominal cash flow;
- The flow of dividends was calculated considering the annual percentages of participation, considering the dilutions of the CSN's stakes due to the amortization of debts;
- This flow of dividends was discounted at present value using the cost of equity (Ke) embedded in the WACC rate of TLSA; and
- This Ke obtained was the one calculated in the "rolling WACC" of TLSA.

Another important aspect that was considered in the analysis of the impairment of CSN's investment in the TLSA, was the need to apply an additional percentage of risk to the discount rate in addition to the one already used to determine the discounted cash flow of TLSA. Due to the sharing of investors risks, and by the fact that the asset that is being tested represents the cash-generating unit itself, which is equal to the legal entity, the risk determined by CSN Management is the same applied by TLSA when the evaluation of their own investments, not applying an additional risk factor to the model.

As a result, the Company recognized a loss in the fair value of the investments of TLSA in the amount of R\$ 387,989 recorded in other operations and R \$ 131,916 in deferred taxes



#### 10.e) Additional information on indirect participation in abroad operations

- STAHLWERK THÜRINGEN GMBH (“SWT”)

SWT was formed from the former industrial steel complex of Maxhütte, located in the Germany city of Unterwellenborn, which produces steel shapes used for construction in accordance with international quality standards.

Its main raw material is steel scrap; the Company has an installed production capacity of 1.1 million metric tons’ steel/year. The SWT is a wholly owned indirect subsidiary of CSN Steel S.L.U, a subsidiary of CSN.

- COMPANHIA SIDERURGICA NACIONAL – LLC (“CSN LLC”)

The CSN LLC has an industrial plant in Terre Haute, Indiana State - USA, where is located the cold rolled and galvanized steel production lines. The LLC assets and liabilities came from the extinct Heartland Steel Inc., Incorporated in 2001. CSN LLC is a wholly owned indirect subsidiary of CSN Americas S.L.U, a subsidiary of CSN.

- LUSOSIDER AÇOS PLANOS S.A. (“Lusosider”)

Incorporated in 1996 in succession to Siderurgia Nacional (a company privatized by the Portuguese government that year), Lusosider is the only Portuguese company of the steel industry to produce cold rolled and galvanized anti-corrosion steel. Based in Paio Pires, The Lusosider has an installed capacity of about 550,000 tons / year to produce four large groups of steel products: galvanized sheet, cold rolled sheet, pickled and oiled plate. The products are manufactured by Lusosider and may be used in the

packaging industry, construction (pipes and metallic structures) and in home appliance components.

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**10.f) Other investments**

- PANATLÂNTICA S. A. (“Panatlântica”)

Panatlântica is a publicly-held company, headquartered in the city of Gravataí, State of Rio Grande do Sul, engaged in the manufacturing, trade, import, export and processing of steel and ferrous or non-ferrous metals, coated or not. This investment is classified as available-for-sale and measured at fair value.

The Company currently holds 11.35% (11.38% as of December 31, 2015) of Panatlântica’s total share capital.

- USINAS SIDERURGICAS DE MINAS GERAIS S.A. – USIMINAS (“USIMINAS”)

Usiminas, headquartered in Belo Horizonte, State of Minas Gerais, is engaged in steel and related operations. Usiminas produces flat rolled steel in the Intendente Câmara and José Bonifácio de Andrada e Silva plants, located in Ipatinga, Minas Gerais, and Cubatão, São Paulo, respectively, the final product is sold in the domestic and foreign market. Usiminas also exploits iron ore mines located in Itaúna, Minas Gerais, to meet its verticalization and production cost optimization strategies. Usiminas also has service and distribution centers located in several regions of Brazil, and the Cubatão, São Paulo, and Praia Mole, Espírito Santo, all centers are located in strategic locations for the shipment of its production.

On April 9, 2014, the Administrative Council for Economic Defense (CADE - Conselho Administrativo de Defesa Econômica) issued its decision on the matter about the Usiminas shares held by CSN signing a Performance Commitment Agreement), also called TCD, between CADE and CSN. Under the terms of the

decision of CADE and TCD, CSN must reduce its interest in USIMINAS, within a specified period. The deadline and percentage reduction are confidential. In addition, the political rights in Usiminas will continue suspended until the Company reaches the limits established in the TCD.

In March 2016, the Board of Directors of Usiminas approved a capital increase of R \$ 64,882, through the issue of up to 50,689,310 preferred shares. On April 22, 2016, CSN exercised its preemptive rights in full, paying R \$ 11,603 for 9,064,856 preferred shares. This increase was approved by the Board of Directors of Usiminas on June 3, 2016.

On March 24, 2016, the Company requested to CADE (Brazilian Antitrust Agency) the flexibilization of the PAT (Performance Commitment Agreement (TCD), in order to enable us the exercise of certain political rights, namely the power to elect independent members of the board of directors and supervisory board. On April 27, 2016, CADE approved the Company's request to permit such election. On April 28, at the Usiminas' annual general meeting, the Company elected 2 independent members of the board of directors and 1 of the supervisory board, as well as the same number of alternates.

In April 2016, the Extraordinary Shareholders' Meeting of Usiminas approved a capital increase of R\$ 1,000,000 through the issue of 200,000,000 common shares. On May 20, 2016, CSN exercised its preemptive right in full, paying R \$ 178,832 for 35,766,351 common shares. This increase was approved by the Extraordinary General Meeting of Usiminas on July 19, 2016.

As of December 31, 2016, the Company reached holdings of 15.19% in common shares and 20.86% in preferred shares (As of December 31, 2015 14.13% in common shares and 20.69% in preferred shares) of USIMINAS share capital.

USIMINAS is listed on the São Paulo Stock Exchange ("BM&F BOVESPA": USIM3 and USIM5).

- ARVEDI METALFER DO BRASIL S.A. ("Arvedi")

Arvedi, headquartered in Salto, State of São Paulo, is engaged in pipe production. As of December 31, 2016 and 2015 CSN held 20.00% of Arvedi's share capital.

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**1****11 PROPERTY, PLANT AND EQUIPMENT**

|                                                              | <b>Land</b>    | <b>Buildings and<br/>Infrastructure</b> | <b>Machinery,<br/>equipment<br/>and<br/>facilities</b> | <b>Furniture<br/>and<br/>fixtures</b> |
|--------------------------------------------------------------|----------------|-----------------------------------------|--------------------------------------------------------|---------------------------------------|
| <b>Balance at December 31, 2014</b>                          | <b>216,458</b> | <b>2,432,450</b>                        | <b>10,499,676</b>                                      | <b>36,633</b>                         |
| Cost                                                         | 216,458        | 3,021,437                               | 16,791,750                                             | 167,410                               |
| Accumulated depreciation                                     |                | (588,987)                               | (6,292,074)                                            | (130,777)                             |
| <b>Balance at December 31, 2014</b>                          | <b>216,458</b> | <b>2,432,450</b>                        | <b>10,499,676</b>                                      | <b>36,633</b>                         |
| Effect of foreign exchange differences                       | 16,418         | 51,910                                  | 230,588                                                | 1,453                                 |
| Acquisitions                                                 | 1,841          | 9,710                                   | 242,656                                                | 3,292                                 |
| Capitalized interest (notes 26 and 32)                       |                | -                                       | -                                                      | -                                     |
| Write - offs (note 25)                                       |                | -                                       | (2,507)                                                | (49)                                  |
| Depreciation                                                 |                | (103,387)                               | (1,005,848)                                            | (6,214)                               |
| Transfers to other asset categories                          | 22,623         | 95,524                                  | 880,652                                                | 81                                    |
| Transfers to intangible assets                               |                | -                                       | -                                                      | -                                     |
| Business Combination, fair value of assets acquired (note 3) | 6,199          | 208,757                                 | 229,906                                                | 3,534                                 |
| Update of the ARO estimation                                 |                | -                                       | -                                                      | -                                     |
| Others                                                       |                | (5,723)                                 | (2,879)                                                | -                                     |
| <b>Balance at December 31, 2015 (Restated)</b>               | <b>263,539</b> | <b>2,689,241</b>                        | <b>11,072,244</b>                                      | <b>38,730</b>                         |
| Cost                                                         | 263,539        | 3,429,573                               | 18,601,088                                             | 182,830                               |
| Accumulated depreciation                                     |                | (740,332)                               | (7,528,844)                                            | (144,100)                             |
| <b>Balance at December 31, 2015 (Restated)</b>               | <b>263,539</b> | <b>2,689,241</b>                        | <b>11,072,244</b>                                      | <b>38,730</b>                         |
| Effect of foreign exchange differences                       | (13,348)       | (38,538)                                | (149,908)                                              | (915)                                 |
| Acquisitions                                                 | 4              | 100                                     | 205,488                                                | 867                                   |
| Capitalized interest (notes 26 and 32)                       |                | -                                       | -                                                      | -                                     |
| Write - offs (note 25)                                       | (144)          | (2,723)                                 | (10,423)                                               | (77)                                  |
| Depreciation                                                 |                | (116,760)                               | (1,096,668)                                            | (5,822)                               |
| Transfers to other asset categories                          | 14,951         | 298,121                                 | 2,318,728                                              | 444                                   |
| Transfers to intangible assets                               |                | -                                       | -                                                      | -                                     |
| Aquisition control - CGPAR                                   |                |                                         | 7,377                                                  | 189                                   |
| Goodwill - Aquisition control CGPAR (note 3)                 |                |                                         | 57,889                                                 |                                       |

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|                                      |                |                  |                   |               |
|--------------------------------------|----------------|------------------|-------------------|---------------|
| Transfer of metallic - Held for sale | (373)          | (13,466)         | (30,440)          | (208)         |
| Others                               |                | (296)            | (4,657)           | (45)          |
| <b>Balance at December 31, 2016</b>  | <b>264,629</b> | <b>2,815,679</b> | <b>12,369,630</b> | <b>33,163</b> |
| Cost                                 | 264,629        | 3,637,903        | 20,712,371        | 173,821       |
| Accumulated depreciation             |                | (822,224)        | (8,342,741)       | (140,658)     |
| <b>Balance at December 31, 2016</b>  | <b>264,629</b> | <b>2,815,679</b> | <b>12,369,630</b> | <b>33,163</b> |

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|                                                            | Land           | Buildings and<br>Infrastructure | Machinery,<br>equipment<br>and<br>facilities | Furniture<br>and<br>fixtures |
|------------------------------------------------------------|----------------|---------------------------------|----------------------------------------------|------------------------------|
| <b>Balance at December 31, 2014</b>                        | <b>110,181</b> | <b>1,786,572</b>                | <b>8,882,070</b>                             | <b>29,036</b>                |
| Cost                                                       | 110,181        | 2,003,303                       | 13,877,027                                   | 136,041                      |
| Accumulated depreciation                                   | -              | (216,731)                       | (4,994,957)                                  | (107,005)                    |
| <b>Balance at December 31, 2014</b>                        | <b>110,181</b> | <b>1,786,572</b>                | <b>8,882,070</b>                             | <b>29,036</b>                |
| Acquisitions                                               |                |                                 | 203,870                                      | 2,030                        |
| Incorporation of subsidiaries                              | 1,400          | 214,879                         | 175,298                                      | 561                          |
| Transfers of the assets related to Casa de Pedra and Tecar | (50,854)       | (1,287,945)                     | (3,332,850)                                  | (9,268)                      |
| Capitalized interest (notes 26 and 32)                     |                |                                 |                                              |                              |
| Write - offs (note 25)                                     |                |                                 | (91)                                         | (14)                         |
| Depreciation                                               |                | (57,055)                        | (782,928)                                    | (4,680)                      |
| Transfers to other asset categories                        | 22,623         | 218,343                         | 959,632                                      | 14                           |
| Transfers to intangible assets                             |                |                                 |                                              |                              |
| Others                                                     |                | (5,723)                         | (1,281)                                      |                              |
| <b>Balance at December 31, 2015</b>                        | <b>83,350</b>  | <b>869,071</b>                  | <b>6,103,720</b>                             | <b>17,679</b>                |
| Cost                                                       | 83,350         | 1,025,848                       | 10,677,122                                   | 118,301                      |
| Accumulated depreciation                                   | -              | (156,777)                       | (4,573,402)                                  | (100,622)                    |
| <b>Balance at December 31, 2015</b>                        | <b>83,350</b>  | <b>869,071</b>                  | <b>6,103,720</b>                             | <b>17,679</b>                |
| Acquisitions                                               |                | -                               | 156,929                                      | 253                          |
| Capitalized interest (notes 26 and 32)                     | -              | -                               | -                                            | -                            |
| Write - offs (note 25)                                     | -              | (34)                            | (41)                                         | (78)                         |
| Depreciation                                               | -              | (26,696)                        | (544,382)                                    | (2,854)                      |
| Transfers to other asset categories                        | -              | 251,465                         | 1,731,890                                    | 14                           |
| Transfers to intangible assets                             | -              | -                               | -                                            | -                            |
| Others                                                     | -              | -                               | (463)                                        | -                            |
| <b>Balance at December 31, 2016</b>                        | <b>83,350</b>  | <b>1,093,806</b>                | <b>7,447,653</b>                             | <b>15,014</b>                |
| Cost                                                       | 83,350         | 1,275,784                       | 12,567,114                                   | 114,141                      |
| Accumulated depreciation                                   | -              | (181,978)                       | (5,119,461)                                  | (99,127)                     |
| <b>Balance at December 31, 2016</b>                        | <b>83,350</b>  | <b>1,093,806</b>                | <b>7,447,653</b>                             | <b>15,014</b>                |

(\*) Refer basically to railway assets such as courtyards, tracks and leasehold improvements, vehicles, hardware, mines, ore deposits, and spare part inventories.

The breakdown of the projects comprising construction in progress is as follows:

|                                                                |  |            |                 | Consolidated |            |
|----------------------------------------------------------------|--|------------|-----------------|--------------|------------|
| Project description                                            |  | Start date | Completion date | 12/31/2016   | 12/31/2015 |
| Logistics                                                      |  |            |                 |              |            |
| Current investments for maintenance of current operations.     |  |            |                 | 103,284      | 35,457     |
|                                                                |  |            |                 | 103,284      | 35,457     |
| Mining                                                         |  |            |                 |              |            |
| Expansion of Casa de Pedra Mine capacity production.           |  | 2007       | 2018            | (1) 689,160  | 709,945    |
| Expansion of TECAR export capacity.                            |  | 2009       | 2020            | (2) 253,545  | 390,920    |
| Current investments for maintenance of current operations.     |  |            |                 | 261,056      | 302,764    |
|                                                                |  |            |                 | 1,203,761    | 1,403,629  |
| Steel                                                          |  |            |                 |              |            |
| Supply of 16 Torpedos Cars for operation in the steel industry |  | 2008       | 2019            | 91,779       | 105,697    |
| Expansion of the service center/Mogi.                          |  | 2013       | 2016            | (3)          | 14,950     |
| Current investments for maintenance of current operations.     |  |            |                 | (4) 307,448  | 375,579    |
|                                                                |  |            |                 | 399,227      | 496,226    |
| Cement                                                         |  |            |                 |              |            |
| Construction of cement plants.                                 |  | 2011       | 2020            | (5) 529,631  | 1,254,897  |
| Current investments for maintenance of current operations.     |  |            |                 | 24,961       | 9,177      |
|                                                                |  |            |                 | 554,592      | 1,264,074  |
| Construction in progress                                       |  |            |                 | 2,260,864    | 3,199,386  |

(1) Estimated completion date of the Central Plant Step 1;

(2) Estimated completion date of phase 60 Mtpa;

(3) Completion date of Mogi Service Center;

(4) Refers substantially to the reforming of batteries for coke ovens and reuse of the carbochemical cooling waters;

(5) Refers substantially to the acquisition of new Integrated Cement Plants

The estimated useful lives are as follows, in years:



|                                     | 12/31/2016 | Consolidated<br>12/31/2015 | 12/31/2016 | Parent Company<br>12/31/2015 |
|-------------------------------------|------------|----------------------------|------------|------------------------------|
| <b><i>In Years</i></b>              |            |                            |            |                              |
| Buildings                           | 41         | 43                         | 42         | 43                           |
| Machinery, equipment and facilities | 18         | 18                         | 19         | 18                           |
| Furniture and fixtures              | 12         | 11                         | 11         | 11                           |
| Others                              | 14         | 14                         | 11         | 11                           |

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**11.a) Depreciation, amortization and depletion expenses:**

Additions to depreciation, amortization and depletion for the period were distributed as follows:

|                                     | <b>Consolidated</b> |                   | <b>Parent Company</b> |                   |
|-------------------------------------|---------------------|-------------------|-----------------------|-------------------|
|                                     | <b>12/31/2016</b>   | <b>12/31/2015</b> | <b>12/31/2016</b>     | <b>12/31/2015</b> |
|                                     |                     | <b>Restated</b>   |                       |                   |
| Production costs                    | 1,241,425           | 1,107,878         | 568,988               | 847,725           |
| Sales expenses                      | 9,163               | 9,115             | 7,576                 | 7,484             |
| General and Administrative Expenses | 28,228              | 13,876            | 19,879                | 8,532             |
|                                     | <b>1,278,816</b>    | <b>1,130,869</b>  | <b>596,443</b>        | <b>863,741</b>    |
| Other operating expenses (*)        | 43,681              | 41,068            |                       |                   |
|                                     | <b>1,322,497</b>    | <b>1,171,937</b>  | <b>596,443</b>        | <b>863,741</b>    |

(\*) Refers to the amortization of intangible assets as described in note 25.

**11.b) Capitalized Interest**

As of December 31, 2016, the Company capitalized borrowing costs amounting to R\$215,794 in consolidated and R\$127,675 in parent company (as of December 31, 2015, R\$166,366 in consolidated and

R\$160,777 in parent company). These costs are basically estimated for the cement and mining projects, mainly relating to: new integrated cement plant; and (ii) Casa de Pedra (MG) expansion and TECAR (RJ), see notes 26 and 32.

The rates used to capitalize borrowing costs are as follows:

| <b>Rates</b>         | <b>12/31/2016</b> | <b>12/31/2015</b> |
|----------------------|-------------------|-------------------|
| Unspecified projects | 10.48%            | 11.35%            |

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## 12 INTANGIBLE ASSETS

|                                                                      |                  |                           |               |                              |                               | Consolidated |                |
|----------------------------------------------------------------------|------------------|---------------------------|---------------|------------------------------|-------------------------------|--------------|----------------|
|                                                                      | Goodwill         | Customer<br>relationships | Software      | Trademarks<br>and<br>patents | Rights and<br>licenses<br>(*) | Others       | Total          |
| <b>Balance at December 31, 2014</b>                                  | <b>407,434</b>   | <b>347,115</b>            | <b>79,867</b> | <b>109,052</b>               |                               | <b>185</b>   | <b>943,6</b>   |
| Cost                                                                 | 666,768          | 415,964                   | 153,080       | 109,052                      |                               | 185          | 1,345,0        |
| Accumulated amortization                                             | (150,004)        | (68,849)                  | (73,213)      |                              |                               | -            | (292,0         |
| Adjustment for accumulated<br>recoverable value                      | (109,330)        |                           |               |                              |                               | -            | (109,3         |
| <b>Balance at December 31, 2014</b>                                  | <b>407,434</b>   | <b>347,115</b>            | <b>79,867</b> | <b>109,052</b>               |                               | <b>185</b>   | <b>943,6</b>   |
| Effect of foreign exchange<br>differences                            |                  | 104,136                   | 192           | 34,584                       |                               | 60           | 138,9          |
| Acquisitions and expenditures                                        |                  |                           | 1,234         |                              | 77                            | 150          | 1,4            |
| Incorporation of subsidiary - CSN<br>Cimentos                        |                  |                           |               |                              |                               |              |                |
| Transfers of the assets related to<br>Casa de Pedra and Tecar        |                  |                           |               |                              |                               |              |                |
| Business combination, fair value<br>of assets and goodwill (note 3b) | 3,196,588        | 1,420                     | 3,437         |                              | 3,184,701                     |              | 6,386,1        |
| Transfer of property, plant and<br>equipment                         |                  |                           | 930           |                              | 922                           |              | 1,8            |
| Amortization                                                         |                  | (39,395)                  | (10,423)      |                              |                               |              | (49,8          |
| <b>Balance at december 31,2015<br/>(Restated)</b>                    | <b>3,604,022</b> | <b>413,276</b>            | <b>75,237</b> | <b>143,636</b>               | <b>3,185,700</b>              | <b>395</b>   | <b>7,422,2</b> |
| Cost                                                                 | 3,974,128        | 549,302                   | 173,154       | 143,636                      | 3,185,700                     | 395          | 8,026,3        |
| Accumulated amortization                                             | (260,776)        | (136,026)                 | (97,917)      | -                            | -                             | -            | (494,7         |
| Adjustment for accumulated<br>recoverable value                      | (109,330)        | -                         | -             | -                            | -                             | -            | (109,3         |
| <b>Balance at december 31,2015<br/>(Restated)</b>                    | <b>3,604,022</b> | <b>413,276</b>            | <b>75,237</b> | <b>143,636</b>               | <b>3,185,700</b>              | <b>395</b>   | <b>7,422,2</b> |
|                                                                      | -                | (74,167)                  | (236)         | (27,440)                     | -                             | (79)         | (101,9         |

Effect of foreign exchange differences

|                                              |                  |                |               |                |                  |                    |
|----------------------------------------------|------------------|----------------|---------------|----------------|------------------|--------------------|
| Acquisitions and expenditures                | -                | 2,995          | -             | -              | 124              | 3,1                |
| Transfer of property, plant and equipment    | -                | 16,538         | -             | -              |                  | 16,5               |
| Write - offs (note 25)                       | (13,091)         | (3)            | -             | -              |                  | (13,0              |
| Amortization                                 | -                | (41,449)       | (26,093)      | -              | (776)            | (68,3              |
| Aquisition control - CGPAR                   | -                | -              | 47            | -              | -                |                    |
| Transfer of metallic - Held for sale         | -                | -              | (232)         | -              | -                | (2                 |
| <b>Balance at December 31, 2016</b>          | <b>3,590,931</b> | <b>297,660</b> | <b>68,253</b> | <b>116,196</b> | <b>3,184,924</b> | <b>440 7,258,4</b> |
| Cost                                         | 3,834,234        | 444,635        | 183,166       | 116,196        | 3,185,700        | 440 7,764,3        |
| Accumulated amortization                     | (133,973)        | (146,975)      | (114,913)     | -              | (776)            | - (396,6           |
| Adjustment for accumulated recoverable value | (109,330)        | -              | -             | -              | -                | - (109,3           |
| <b>Balance at December 31, 2016</b>          | <b>3,590,931</b> | <b>297,660</b> | <b>68,253</b> | <b>116,196</b> | <b>3,184,924</b> | <b>440 7,258,4</b> |

(\*) Composed mainly by mineral rights with estimated resources of 1,101 million tons (Not reviewed by independent auditors). Corresponding amortization is recorded based on production volumes.

The average useful lives by nature are as follows, in years:

|                        | <b>Consolidated</b> |                   | <b>Parent Company</b> |                   |
|------------------------|---------------------|-------------------|-----------------------|-------------------|
| <b>In Years</b>        | <b>12/31/2016</b>   | <b>12/31/2015</b> | <b>12/31/2016</b>     | <b>12/31/2015</b> |
| Software               | 8                   | 8                 | 8                     | 8                 |
| Customer relationships | 13                  | 13                |                       |                   |

## 12.a) Impairment testing

The goodwill arising from expectations for future profitability of the companies acquired and the intangible assets with indefinite useful lives (trademarks) have been allocated to the operational divisions (cash-generating units) of CSN, which represent the lowest level of assets or group of assets. According to CPC 01, when a CGU has an intangible asset with indefinite useful life allocated, the Company performs an impairment test. The CGU with intangible assets in this situation are as follows:

| <b>Cash<br/>generating<br/>unity</b> | <b>Segment</b> | <b>Goodwill</b>   |                   | <b>Trademarks</b> |                   | <b>Consolidated<br/>Total</b> |                   |
|--------------------------------------|----------------|-------------------|-------------------|-------------------|-------------------|-------------------------------|-------------------|
|                                      |                | <b>12/31/2016</b> | <b>12/31/2015</b> | <b>12/31/2016</b> | <b>12/31/2015</b> | <b>12/31/2016</b>             | <b>12/31/2015</b> |
| Packaging<br>(1)                     | Steel          | 158,748           | 158,748           |                   |                   | 158,748                       | 158,748           |
| Flat steel                           | Steel          |                   | 13,091            |                   |                   |                               | 13,091            |
| Long steel<br>(2)                    | Steel          | 235,595           | 235,595           | 116,196           | 143,636           | 351,791                       | 379,231           |
| Minning (3)                          | Mining         | 3,196,588         | 3,196,588         |                   |                   | 3,196,588                     | 3,196,588         |
|                                      |                | <b>3,590,931</b>  | <b>3,604,022</b>  | <b>116,196</b>    | <b>143,636</b>    | <b>3,707,127</b>              | <b>3,747,658</b>  |

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(1) (1) The goodwill of the Packaging cash-generating unit is shown net of impairment loss in the amount of R\$109,330, recognized in 2011.

(2) The goodwill and trademark that are recorded in line item intangible assets at long steel segment, those transactions are derived from the business combination of Stahlwerk Thuringen GmbH ("SWT") and Gallardo Sections CSN. The assets mentioned are considered to have indefinite useful lives as they are expected to contribute indefinitely to the Company's cash flows.

(3) Refers to the goodwill based on expectations for future profitability, resulting from the acquisition of Namisa by CSN Mineração, an operation that was concluded in December 2015. From 2016, the balance started to be tested annually for impairment analysis. See further details relating to calculation of the goodwill in note 3.1.3b – Business Combination.

The impairment testing of the goodwill and the trademark include the balance of property, plant and equipment of the cash-generating units and also the intangible. The test is based on the comparison between the actual balances and the value in use of those units, determining based on the projections of discounted cash flows and use of such assumptions and judgements as: growth rate, costs and expenses, discount rate, working capital, future Capex investment and macroeconomic assumptions observable in the market.

The main assumptions used in calculations of value in use at December 31, 2016 are as follows:

|                                         | <b>Metal packaging</b>                                                                                                                                                                                                                  | <b>Long steel (***)</b>                                                                                                                                                        | <b>Mining</b>                                                                                                                                                                               |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Measurement of recoverable value</b> | Discounted Cash Flow                                                                                                                                                                                                                    | Discounted Cash Flow                                                                                                                                                           | Discounted Cash Flow                                                                                                                                                                        |
| <b>Cash flow projection</b>             | Business cycle (approx. 10 years )<br>With perpetuity                                                                                                                                                                                   | Business cycle (approx. 10 years )<br>With perpetuity                                                                                                                          | Until 2067                                                                                                                                                                                  |
| <b>Gross Margin</b>                     | Growth of the gross margin due to reduction of energy / natural gas and direct labor costs                                                                                                                                              | Average of the Gross Margin based on the history and projections for the next 8 years, mainly for sales volume, sales price and metallic spread, grounded on industry reports. | Average of the Gross Margin of each Cash - Generating unit based on the history and projections for the next 50 years and long - term price and exchange rate curves from industry reports. |
| <b>Cost atualization</b>                | Costs based on historical data of each product by can and expected gains on business restructuring.                                                                                                                                     | Costs based on historical data and market trends                                                                                                                               | Costs based on historical data and market trends.                                                                                                                                           |
| <b>Growth Rate</b>                      | Without growth in real terms.                                                                                                                                                                                                           | Without growth in real terms.                                                                                                                                                  | The growth rate was not considered.                                                                                                                                                         |
| <b>Discount rate</b>                    | These cash flows were considered using a discount rate after taxes between 4% and 8% in real terms. The discount rate was based on the weighted average cost of capital (WACC) that reflects the specific risk of each segment/country. |                                                                                                                                                                                |                                                                                                                                                                                             |

(\*) Includes the assets related to the plant of Aços Longos located at Usina Presidente Vargas and the subsidiary SWT. For the assets that are located in Germany, the discount rate was applied on the discounted cash flow prepared in Euros, the functional currency of this subsidiary.

Based on the analyses conducted by Management, was not necessary to record losses by impairment to those assets in the year ended on December 31, 2016.





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1****13 BORROWINGS, FINANCING AND DEBENTURES**

The balances of borrowings, financing and debentures, which are carried at amortized cost, are as follows:

|                         | <b>Rates<br/>p.a.<br/>(%)</b>           | <b>Current liabilities</b> |                   | <b>Non-current liabilities</b> |                   | <b>Current liabilities</b> |                   | <b>Parent Comp<br/>Non-current</b> |                   |
|-------------------------|-----------------------------------------|----------------------------|-------------------|--------------------------------|-------------------|----------------------------|-------------------|------------------------------------|-------------------|
|                         |                                         | <b>12/31/2016</b>          | <b>12/31/2015</b> | <b>12/31/2016</b>              | <b>12/31/2015</b> | <b>12/31/2016</b>          | <b>12/31/2015</b> | <b>12/31/2016</b>                  | <b>12/31/2015</b> |
| <b>FOREIGN CURRENCY</b> |                                         |                            |                   |                                |                   |                            |                   |                                    |                   |
| Prepayment (*)          | 1% to 3.5%                              | 110,944                    | 207,657           | 482,347                        | 2,633,137         | 110,944                    | 207,657           | 482,347                            | 2,633,137         |
| Prepayment (*)          | 3.51% to 8%                             | 438,802                    | 286,487           | 4,290,062                      | 3,429,716         | 510,930                    | 372,474           | 9,166,901                          | 7,650,191         |
| Perpetual bonds         | 7%                                      | 4,436                      | 5,315             | 3,259,100                      | 3,904,800         |                            |                   |                                    |                   |
| Fixed rate notes (*)    | 4.14% to 10% Libor                      | 137,126                    | 175,768           | 5,529,380                      | 6,910,992         | 27,044                     | 32,402            | 3,385,587                          | 4,140,992         |
| Intercompany (*)        | 6M to 3% Libor + Spread                 |                            |                   |                                |                   | 149,654                    | 1,261,861         | 2,719,420                          | 22,719,420        |
| Forfeiting              | 1.2% to 8%                              | -                          | 288,772           |                                |                   |                            | 288,772           |                                    |                   |
| Others                  |                                         | 95,983                     | 115,594           | 259,262                        | 425,635           |                            |                   |                                    |                   |
|                         |                                         | <b>787,291</b>             | <b>1,079,593</b>  | <b>13,820,151</b>              | <b>17,304,280</b> | <b>798,572</b>             | <b>2,163,166</b>  | <b>15,754,255</b>                  | <b>19,810,613</b> |
| <b>LOCAL CURRENCY</b>   |                                         |                            |                   |                                |                   |                            |                   |                                    |                   |
| BNDES/FINAME            | 1.3% + TJLP and Fixed 2.5% to 6% + 1.5% | 73,736                     | 55,435            | 1,012,268                      | 1,018,189         | 43,467                     | 27,847            | 945,633                            | 945,633           |

|                                                           |                                     |                  |                  |                   |                   |                  |                  |                   |                   |
|-----------------------------------------------------------|-------------------------------------|------------------|------------------|-------------------|-------------------|------------------|------------------|-------------------|-------------------|
| Debt                                                      | 110.8% to 113.7% CDI                | 538,003          | 60,670           | 1,270,383         | 1,750,000         | 538,003          | 60,670           | 1,270,383         | 1,750,000         |
| Prepayment (*)                                            | 109.5% to 116.5% CDI and fixa of 8% | 570,778          | 522,418          | 5,080,000         | 5,200,000         | 519,806          | 473,139          | 3,080,000         | 3,080,000         |
| CCB                                                       | 112.5% and 113% CDI                 | 181,143          | 92,976           | 7,200,000         | 7,200,000         | 181,143          | 92,976           | 7,200,000         | 7,200,000         |
| Drawee risk                                               |                                     |                  | 84,063           |                   |                   |                  | 84,063           |                   |                   |
| Others                                                    |                                     |                  | 6,229            |                   | 12,107            |                  |                  |                   |                   |
|                                                           |                                     | <b>1,363,660</b> | <b>821,791</b>   | <b>14,562,651</b> | <b>15,180,296</b> | <b>1,282,419</b> | <b>738,695</b>   | <b>12,496,016</b> | <b>12,496,016</b> |
| <b>Total Borrowings and financing (note 14 I)</b>         |                                     | <b>2,150,951</b> | <b>1,901,384</b> | <b>28,382,802</b> | <b>32,484,576</b> | <b>2,080,991</b> | <b>2,901,861</b> | <b>28,250,271</b> | <b>32,484,576</b> |
| Transaction Costs and Issue Premiums                      |                                     | (33,503)         | (26,703)         | (59,232)          | (76,742)          | (29,109)         | (22,788)         | (53,378)          | (76,742)          |
| <b>Total Borrowings and Financing + Transaction Costs</b> |                                     | <b>2,117,448</b> | <b>1,874,681</b> | <b>28,323,570</b> | <b>32,407,834</b> | <b>2,051,882</b> | <b>2,879,073</b> | <b>28,196,893</b> | <b>32,407,834</b> |

(\*) The balances of Pre-export loans, Fixed Rate Notes and Intercompany Bonds from related parties of the parent company totals R\$11,230,673 on December 31, 2016 (R\$13,416,687 on December 31, 2015), see note 20b.

### 13.a) Maturities of borrowings, financing and debentures presented in non-current liabilities

As of December 31, 2016, the breakdown of principal plus interest of long-term liabilities as borrowings, financing and debentures by maturity date is presented as follows:

|      | Consolidated |     |           | Parent Company |  |
|------|--------------|-----|-----------|----------------|--|
| 2018 | 5,593,215    | 20% | 7,295,578 | 26%            |  |
| 2019 | 7,168,873    | 25% | 5,532,286 | 20%            |  |
| 2020 | 7,484,315    | 26% | 4,662,477 | 17%            |  |
| 2021 | 2,219,779    | 8%  | 2,812,235 | 10%            |  |
| 2022 | 1,839,804    | 6%  | 2,108,339 | 7%             |  |

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|                 |                   |             |                   |             |
|-----------------|-------------------|-------------|-------------------|-------------|
| After 2022      | 817,716           | 3%          | 5,839,356         | 20%         |
| Perpetual bonds | 3,259,100         | 12%         |                   |             |
|                 | <b>28,382,802</b> | <b>100%</b> | <b>28,250,271</b> | <b>100%</b> |

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**1****13.b) Amortization and new borrowings, financing and debentures**

The table below presents the capitalizations and amortizations during the year:

|                                                 | <b>12/31/2016</b> | <b>Consolidated<br/>12/31/2015</b> | <b>12/31/2016</b> | <b>Parent Company<br/>12/31/2015</b> |
|-------------------------------------------------|-------------------|------------------------------------|-------------------|--------------------------------------|
| <b>Opening balance</b>                          | <b>34,282,515</b> | <b>30,354,058</b>                  | <b>33,988,090</b> | <b>29,560,826</b>                    |
| Funding transactions                            | 30,034            | 978,206                            | 62,836            | 2,694,533                            |
| Forfaiting funding / Drawee Risk                | 78,240            | 924,706                            | 78,240            | 924,706                              |
| Repayment                                       | (695,938)         | (2,850,077)                        | (298,015)         | (1,542,921)                          |
| Payments - Forfaiting / Drawee Risk             | (407,155)         | (1,146,306)                        | (407,155)         | (1,146,306)                          |
| Payment of charges                              | (3,044,342)       | (2,957,762)                        | (2,566,293)       | (2,656,208)                          |
| Payment of charges – Forfaiting / Drawee        | (5,694)           | (7,064)                            | (5,694)           | (7,064)                              |
| Provision of charges                            | 3,156,120         | 3,052,164                          | 2,661,090         | 2,996,662                            |
| Provision of charges - Forfaiting / Drawee Risk | 4,237             | 2,032                              | 4,237             | 2,032                                |
| Others (1)                                      | (2,956,999)       | 5,932,558                          | (3,268,561)       | 3,161,830                            |
| <b>Closing balance</b>                          | <b>30,441,018</b> | <b>34,282,515</b>                  | <b>30,248,775</b> | <b>33,988,090</b>                    |

(1) Includes interests and unrealized foreign exchange variances.

In 2016, the Group capitalized and amortized loans as shown below:

- Capitalization**

| Transaction                              | Financial institution              | Date        | Amount         | Consolidated Maturity |
|------------------------------------------|------------------------------------|-------------|----------------|-----------------------|
| Financing - Acquisitions of SWT's assets | Kreissparkasse Saalfeld-Rudolstadt | June/16     | 7,437          | January/18            |
| Financing - FINEP (1)                    | FINEP                              | October/16  | 22,597         | February/26           |
| Drawee risk                              | Itaú                               | February/16 | 78,240         | June/16               |
| <b>Total</b>                             |                                    |             | <b>108,274</b> |                       |

1. In 2016, CSN contracted a credit line from FINEP (Financiadora de Estudos e Projetos) in the amount of R\$173,822, of which R\$ 22,597 has already been partially disbursed. At December 31, 2016, the Company had a financial investment linked to CDB to secure a letter of guarantee in the amount of R \$ 25,750, see note 6.

- Amortization**

| Transaction          | Principal | Consolidated Charges |
|----------------------|-----------|----------------------|
| Fixed Rate Notes     | 107,948   | 700,982              |
| Debentures           |           | 263,750              |
| Bank Credit Bill     |           | 995,006              |
| Export Credit Note   | 65,000    | 813,701              |
| Pre - Export Payment | 170,731   | 210,676              |
| BNDES/FINAME         | 50,856    | 58,900               |
| Pre-Debt Payment     | 297,239   |                      |
| Drawee risk          | 162,303   |                      |
| Forfaiting           | 244,852   | 5,694                |

|              |                  |                  |
|--------------|------------------|------------------|
| Others       | 4,164            | 1,327            |
| <b>Total</b> | <b>1,103,093</b> | <b>3,050,036</b> |

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- **Covenants**

The Company's loan agreements establish the fulfillment of certain non financial obligations, as well as maintenance of certain parameters and performance indicators, such as disclosure of its audited financial statements according to regulatory deadlines or payment of commission on risk assumption, if the net debt-EBITDA ratio reaches the levels in those agreements.

Exceptionally the Company did not file the financial statements for the year ended December 31, 2016 within the regulatory period, according to a significant event disclosed on March 27, 2017. Due to this exceptionality, the Company requested the debenture holders of its 5th, 7th, 8th and 9th Debentures Issuance to grant additional term for the disclosure of these financial statements until October 31, 2017. There was no early maturity decree of the Company's financings, due to the late disclosure of the financial statements in question.

On December 31, 2016, the Company has provisioned R\$ 30,843 in the Consolidated and R\$ 13,413 in the Parent Company for risk assumption.



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**1****14 FINANCIAL INSTRUMENTS****I - Identification and measurement of financial instruments**

The Company enters into transactions involving various financial instruments, mainly cash and cash equivalents, including short-term investments, marketable securities, trade receivables, trade payables, and borrowings and financing. The Company also enters into derivative transactions, especially interest rate and foreign exchange rate swaps.

Considering the nature of these instruments, their fair value is basically determined by using Brazil's money market and mercantile and futures exchange quotations. The amounts recognized in current assets and current liabilities have immediate liquidity or short-term maturity, mostly less than three months. Considering the maturities and characteristics of such instruments, their carrying amounts approximate their fair values.

**• Classification of financial instruments**

|                                         |       |                       |                                               |                          |                                                             | 12/31/2016 |        |
|-----------------------------------------|-------|-----------------------|-----------------------------------------------|--------------------------|-------------------------------------------------------------|------------|--------|
| Consolidated                            | Notes | Available<br>for sale | Fair<br>value<br>through<br>profit or<br>loss | Loans and<br>receivables | Other<br>liabilities<br>measured<br>at<br>amortized<br>cost | Balances   | A<br>f |
| <b>Assets</b>                           |       |                       |                                               |                          |                                                             |            |        |
| <b>Current</b>                          |       |                       |                                               |                          |                                                             |            |        |
| Cash and cash equivalents               | 5     |                       |                                               | 4,871,162                |                                                             | 4,871,162  |        |
| Short-term investments - margin deposit | 6     |                       |                                               | 760,391                  |                                                             | 760,391    |        |
| Trade receivables                       | 7     |                       |                                               | 1,904,630                |                                                             | 1,904,630  |        |
| Derivative financial instruments        | 9     |                       | 2,298                                         |                          |                                                             | 2,298      |        |
| Trading securities                      | 9     |                       | 2,966                                         |                          |                                                             | 2,966      |        |
| Dividends Receivable                    | 7     |                       |                                               |                          | 37,679                                                      | 37,679     |        |

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|                                  |    |                  |              |                  |                   |                   |
|----------------------------------|----|------------------|--------------|------------------|-------------------|-------------------|
| <b>Total</b>                     |    |                  | <b>5,264</b> | <b>7,536,183</b> | <b>37,679</b>     | <b>7,579,126</b>  |
| <b>Non-current</b>               |    |                  |              |                  |                   |                   |
| Other trade receivables          | 9  |                  |              | 15,291           |                   | 15,291            |
| Investments                      | 10 | 1,374,268        |              |                  |                   | 1,374,268         |
| Borrowings - related parties     | 9  |                  |              | 479,960          |                   | 479,960           |
| <b>Total</b>                     |    | <b>1,374,268</b> |              | <b>495,251</b>   |                   | <b>1,869,519</b>  |
| <b>Total Assets</b>              |    | <b>1,374,268</b> | <b>5,264</b> | <b>8,031,434</b> | <b>37,679</b>     | <b>9,448,645</b>  |
| <b>Liabilities</b>               |    |                  |              |                  |                   |                   |
| <b>Current</b>                   |    |                  |              |                  |                   |                   |
| Borrowings and financing         | 13 |                  |              |                  | 2,150,951         | 2,150,951         |
| Derivative financial instruments | 15 |                  | 121          |                  |                   | 121               |
| Trade payables                   |    |                  |              |                  | 1,763,206         | 1,763,206         |
| Dividends and JCP                | 15 |                  |              |                  | 484,570           | 484,570           |
| <b>Total</b>                     |    |                  | <b>121</b>   |                  | <b>4,398,727</b>  | <b>4,398,848</b>  |
| <b>Non-current</b>               |    |                  |              |                  |                   |                   |
| Borrowings and financing         | 13 |                  |              |                  | 28,382,802        | 28,382,802        |
| <b>Total</b>                     |    |                  |              |                  | <b>28,382,802</b> | <b>28,382,802</b> |
| <b>Total Liabilities</b>         |    |                  | <b>121</b>   |                  | <b>32,781,529</b> | <b>32,781,650</b> |

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- **Fair value measurement**

The following table shows the financial instruments recognized at fair value through profit or loss using a valuation method:

| <b>Consolidated</b>                                                   | <b>Level 1</b>   | <b>Level 2</b> | <b>12/31/2016<br/>Balances</b> | <b>Level 1</b> | <b>Level 2</b> | <b>12/31/2015<br/>Balances</b> |
|-----------------------------------------------------------------------|------------------|----------------|--------------------------------|----------------|----------------|--------------------------------|
| <b>Assets</b>                                                         |                  |                |                                |                |                |                                |
| <b>Current</b>                                                        |                  |                |                                |                |                |                                |
| <b>Financial assets at fair value<br/>through profit or loss</b>      |                  |                |                                |                |                |                                |
| Derivative financial instruments                                      |                  | 2,298          | 2,298                          |                | 118,592        | 118,592                        |
| Trading securities                                                    | 2,966            |                | 2,966                          | 10,778         |                | 10,778                         |
| <b>Non-current</b>                                                    |                  |                |                                |                |                |                                |
| <b>Available-for-sale financial assets</b>                            |                  |                |                                |                |                |                                |
| Investments                                                           | 1,374,268        |                | 1,374,268                      | 471,674        |                | 471,674                        |
| <b>Total Assets</b>                                                   | <b>1,377,234</b> | <b>2,298</b>   | <b>1,379,532</b>               | <b>482,452</b> | <b>118,592</b> | <b>601,044</b>                 |
| <b>Liabilities</b>                                                    |                  |                |                                |                |                |                                |
| <b>Current</b>                                                        |                  |                |                                |                |                |                                |
| <b>Financial liabilities at fair value<br/>through profit or loss</b> |                  |                |                                |                |                |                                |
| Derivative financial instruments                                      |                  | 121            | 121                            |                | 26,257         | 26,257                         |
| <b>Total Liabilities</b>                                              |                  | <b>121</b>     | <b>121</b>                     |                | <b>26,257</b>  | <b>26,257</b>                  |

**Level 1** - quoted prices (unadjusted) in active markets for identical assets or liabilities.

**Level 2** - Includes observable inputs in market such as interest rates, exchange etc., but not prices traded in active markets.

There are no assets and liabilities classified as level 3.

## **II – Investments in financial instruments classified as available-for-sale and measured at fair value through OCI**

The Company has investments in common (USIM3) and preferred (USIM5) shares of Usiminas (“Usiminas Shares”), designated as available-for-sale financial assets. The Company adopts this designation because the nature of the investment is not comprised in any other categories of financial instruments (loans and receivables, held-to-maturity investments or financial assets at fair value through profit or loss). The asset is classified as a non-current asset in line item “investments” and is carried at fair value based on the quoted price on the stock exchange (BM&FBOVESPA). According to the Company's policy, the gains and losses arising from changes in the price of shares are recorded directly in equity, as other comprehensive income.

The Company's accounting policy requires a quarterly analysis based on quantitative and qualitative information available in the market from the moment the instrument demonstrates a drop of more than 20% of their market value or from a significant drop in market value compared to their acquisition cost for more than 12 months. If the Company concludes that there was a significant drop in the price of the instrument, an impairment loss must be recognized. In 2012, considering the price of Usiminas shares on BM & FBovespa, a first impairment loss on these shares was recorded. Pursuant to this policy, whenever the share price reaches a level lower than the last impairment recorded, the Company must record new losses in the result, redefining the new minimum level of value of the shares.

During the year 2016, there was no impairment recorded and the gain from the change in share price in the period was recorded in other comprehensive income (the impairment recorded as of December 31, 2015 amounted to R\$ 555,298):

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| Class of<br>shares | Quantity           | 12/31/2016     |                    | Quantity           | 12/31/2015     |                    | Variation in the<br>year<br>Variation<br>in the<br>carrying<br>amount |                |
|--------------------|--------------------|----------------|--------------------|--------------------|----------------|--------------------|-----------------------------------------------------------------------|----------------|
|                    |                    | Share<br>price | Closing<br>balance |                    | Share<br>price | Closing<br>balance | Share<br>price                                                        |                |
| Common             | 107,156,651        | 8.26           | 885,114            | 71,390,300         | 4.02           | 286,989            | 4.24                                                                  | 598,125        |
| Preferred          | 114,280,556        | 4.10           | 468,550            | 105,215,700        | 1.55           | 163,084            | 2.55                                                                  | 305,466        |
|                    | <b>221,437,207</b> |                | <b>1,353,664</b>   | <b>176,606,000</b> |                | <b>450,073</b>     |                                                                       | <b>903,591</b> |

- Share market price risks**

The Company is exposed to the risk of changes in share prices due to the investments made and classified as available-for-sale.

According to the Company's accounting policies, any negative changes in the investment in Usiminas considered significant (impairment) are recognized in profit or loss and the other variations not resulting from impairment in changes are recognized in comprehensive income until the investment is realized.

As of December,31 2016, the amount recognized in comprehensive income for investments available for sale, net of taxes is R\$678,035 (R\$(73) as of December 31, 2015).

### III - Financial risk management

The Company has and follows a policy of managing its risks, with guidelines regarding the risks incurred by the company. Pursuant to this policy, the nature and general position of financial risks are regularly monitored and managed in order to assess the results and the financial impact on cash flow. The quality of counterparties' hedging instruments and the credit limit are also periodically reviewed.

Under this policy, market risks are hedged when it is considered necessary to support the corporate strategy or when it is necessary to maintain a level of financial flexibility.

Under the terms of the risk management policy, the Company manages some risks by using derivative instruments. The Company's risk policy prohibits any speculative deals or short sales.

#### 14.a) Foreign exchange and interest rate risks

- **Exchange rate risk**

The exchange rate risk arises from the existence of assets and liabilities denominated in US dollars or Euros since the Company's functional currency is substantially the real is called natural currency exposure. Net exposure is the result of offsetting the natural currency exposure by hedging instruments adopted by CSN.

The consolidated net exposure as of December 31, 2016 is as follows:

|                                    |                              | 12/31/2016                |
|------------------------------------|------------------------------|---------------------------|
| <b>Foreign Exchange Exposure</b>   | <b>(Amounts in US\$'000)</b> | <b>(Amounts in €'000)</b> |
| Cash and cash equivalents overseas | 913,513                      | 6,614                     |
| Trade receivables                  | 372,613                      | 3,497                     |
| Other assets                       | 3,906                        | 13,157                    |
| <b>Total Assets</b>                | <b>1,290,032</b>             | <b>23,268</b>             |
| Borrowings and financing           | (4,373,046)                  | (97,602)                  |
| Trade payables                     | (97,231)                     | (2,438)                   |
| Other liabilities                  | (17,946)                     | (9,288)                   |
| <b>Total Liabilities</b>           | <b>(4,488,223)</b>           | <b>(109,328)</b>          |

|                                                     |                    |                 |
|-----------------------------------------------------|--------------------|-----------------|
| <b>Foreign exchange exposure</b>                    | <b>(3,198,191)</b> | <b>(86,060)</b> |
| Cash flow hedge accounting                          | 1,457,667          |                 |
| Net Investment hedge accounting                     |                    | 96,000          |
| <b>Net foreign exchange exposure</b>                | <b>(1,740,524)</b> | <b>9,940</b>    |
| Perpetual Bonds                                     | 1,000,000          |                 |
| <b>Net currency exposure of the perpetual bonds</b> | <b>(740,524)</b>   | <b>9,940</b>    |

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During the second quarter of 2016, CSN began a process of reviewing its currency hedge strategy, which resulted in the settlement of the future dollar derivatives portfolio. As a result, the net foreign currency exposure at the consolidated balance sheet as of December 31, 2016 was US\$1,740,524 thousand, as shown in the table above. It should be noted that the balance of net foreign currency exposure including a liability of US\$1 billion, in the line item of Loans and Financing related to perpetual bond that, considering its characteristics, will not require disbursement for settlement of the principal in a foreseeable future.

Therefore, excluding perpetual bonds, the Company's net foreign exchange exposure amounts to R\$ 740,524 thousand. The company has focused its hedge strategy on preserving its cash flow, so it is evaluating a replacement of the exposure generated by the settlement of derivatives with new hedge accounting designations, capturing the existing natural hedges, as well as using other derivative instruments with the purpose of hedging CSN's future cash flows.

- **Interest rate risk**

Risk arises from short and long term liabilities with fixed or post fixed interest rates and inflation rates.

Item 14 b) shows the derivatives and hedging strategies to protect exchange and interest rates risks.

**14.b) Hedging instruments: Derivative and hedge accounting**

CSN uses several instruments for protection of foreign currency risk and interest rate risk, as shown in the following topics:



- **Portfolio of derivative financial instruments**

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| Counterparties                                    | Expiration<br>of<br>operation | Functional<br>Currency | Notional<br>amount | Appreciation<br>(R\$) |                       | Fair value<br>(market)               |
|---------------------------------------------------|-------------------------------|------------------------|--------------------|-----------------------|-----------------------|--------------------------------------|
|                                                   |                               |                        |                    | Asset<br>position     | Liability<br>position | Amounts<br>receivable<br>/ (payable) |
| BM&FBovespa<br><b>Total forward dollar</b>        |                               | Dollar                 |                    |                       |                       |                                      |
| BBVA                                              |                               | Dollar                 |                    |                       |                       |                                      |
| BNPP                                              | 03/09/2017                    | Dollar                 | 10,250             | 33,435                | (31,137)              | 2,298                                |
| <b>Total dollar-to-euro swap</b>                  |                               |                        | <b>10,250</b>      | <b>33,435</b>         | <b>(31,137)</b>       | <b>2,298</b>                         |
| Itaú BBA                                          |                               | Real                   |                    |                       |                       |                                      |
| HSBC                                              |                               | Real                   |                    |                       |                       |                                      |
| Deutsche Bank                                     |                               | Real                   |                    |                       |                       |                                      |
| <b>Total Fixed rate-to-CDI interest rate swap</b> |                               |                        |                    |                       |                       |                                      |
| Itaú BBA                                          |                               | Real                   |                    |                       |                       |                                      |
| HSBC                                              |                               | Real                   |                    |                       |                       |                                      |
| <b>Total interest rate- to-CDI swap</b>           |                               |                        |                    |                       |                       |                                      |
| BM&FBovespa                                       | 01/02/2017                    | Real                   | 1,641,378          |                       |                       | (121)                                |
| <b>Total DI futuro</b>                            |                               |                        | <b>1,641,378</b>   |                       |                       | <b>(121)</b>                         |
|                                                   |                               |                        |                    | <b>33,435</b>         | <b>(31,137)</b>       | <b>2,177</b>                         |

Forward DI contracts

The Company to hedge part or all of its exposure to assets whose interest rates are pre-fixed may obtain DI derivative operations on the stock exchange or the over-the-counter market, linking these assets to market trends. As of December 31, 2016 the Company held in its portfolio forward CDI rate contracts traded at BM&F Bovespa which totaled the notional amount of R\$1,641 billion.

The forward DI contract is defined as the accumulative value of the average daily DI rates of one day, calculated between the date of the transaction and the last trading date, being used to hedge and manage the interest rate risk of assets / liabilities in DI. The purchase and sale transactions, originally contracted in rate, will be converted into sale and purchase transactions, respectively, in PU.

The contract settlement is exclusively financial, on the due date and occurs daily until the maturity. The position held by the Company is set at the end of each session based on the difference of the day's settlement price (D0) compared to the previous day price (D-1), and is settled on the following day (D+1), according to the rules of BM&F.

For as much as the Company maintains contracts traded on the BM&F Bovespa, it is required by the clearing house a guarantee margin to cover those commitments in these contracts, which is only a percentage of the contract's total amount. CSN maintains securities linked to this guarantee margin, consisting mainly of government bonds, which will be redeemed after the end position. The amounts of these investments are described in Note 6.

### **Dollar x Euro swap**

The subsidiary Lusosider has derivative transactions to protect its dollar exposure versus euro.

- **Classification of the derivatives in the balance sheet and statement of income**

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| <b>Instruments</b>                        | <b>Assets</b>  |              | <b>Liabilities</b> |              | <b>12/31/2016</b>                           |
|-------------------------------------------|----------------|--------------|--------------------|--------------|---------------------------------------------|
|                                           | <b>Current</b> | <b>Total</b> | <b>Current</b>     | <b>Total</b> | <b>Net Finance<br/>Income (note<br/>26)</b> |
| <i>Future Dollar BM&amp;F</i>             |                |              |                    |              | (805,760)                                   |
| <i>Dollar - to - euro swap</i>            | 2,298          | 2,298        |                    |              | (6,467)                                     |
| <i>Fixed rate - to - CDI<br/>swap (*)</i> |                |              |                    |              | (299)                                       |
| <i>CDI - to - fixed rate<br/>swap (*)</i> |                |              |                    |              | (63)                                        |
| <i>Foward DI</i>                          |                |              | (121)              | (121)        | 5,829                                       |
|                                           | <b>2,298</b>   | <b>2,298</b> | <b>(121)</b>       | <b>(121)</b> | <b>(806,760)</b>                            |

| <b>Instruments</b>                    | <b>Assets</b>  |                | <b>Liabilities</b> |               | <b>12/31/2015</b>                           |
|---------------------------------------|----------------|----------------|--------------------|---------------|---------------------------------------------|
|                                       | <b>Current</b> | <b>Total</b>   | <b>Current</b>     | <b>Total</b>  | <b>Net Finance<br/>Income (note<br/>26)</b> |
| <i>Dollar - to - CDI swap</i>         |                |                |                    |               | (18)                                        |
| <i>Dollar - to - real NDF</i>         |                |                |                    |               | 785,702                                     |
| <i>Future Dollar BM&amp;F</i>         | 110,075        | 110,075        |                    |               | 25,381                                      |
| <i>Dollar - to - euro NDF</i>         |                |                |                    |               | 39,668                                      |
| <i>Dollar - to - euro swap</i>        | 7,647          | 7,647          |                    |               | (4,405)                                     |
| <i>Fixed rate - to - CDI<br/>swap</i> |                |                | 26,257             | 26,257        | (4,956)                                     |
| <i>CDI - to - fixed rate<br/>swap</i> | 870            | 870            |                    |               | 870                                         |
|                                       | <b>118,592</b> | <b>118,592</b> | <b>26,257</b>      | <b>26,257</b> | <b>842,242</b>                              |

(\*) Swap positions were settled in February, March and April 2016.

• **Hedge accounting – cash flow**

Beginning November 1, 2014, the Company formally designated cash flow hedging relationships to protect highly probable future cash flows against US dollar fluctuations.

In order to better reflect the accounting impacts of this foreign exchange hedging strategy on its profit, CSN designated part of its US dollar-denominated liabilities as a hedging instrument of its future exports. As a result, foreign exchange differences arising on translating the designated liabilities will be temporarily recognized in shareholders' equity and allocated to profit or loss when such exports are carried out, which will allow recognizing the US dollar impact on liabilities and exports concurrently. Note that adopting hedge accounting does not entail contracting any financial instrument. As of December 31, 2016 the Company designated for hedge accounting US\$1,5 billion in exports to be carried out between October, 2017 and October, 2022.

To support these designated amounts, the Company prepared formal documentation indicating how hedging is aligned with the goal and strategy of CSN's Risk Management Policy by identifying the hedging instruments used, the hedging purpose, the nature of the hedged risk, and showing the expected high effectiveness of the designated relationships. The designated debt instruments total an amount equivalent to the portion of future exports. Thus, the exchange differences on translating the instrument and the hedged item are similar. According to the Company's accounting policy, continuous assessments of the prospective and retrospective effectiveness must be carried out by comparing the designated amounts with the expected amounts, approved in Management's budgets, and the actual export amounts.

Through hedge accounting, the exchange gains and losses of the debt instruments do not immediately affect the Company's profit or loss except to the extent that exports are carried out.

The table below shows a summary of the hedging relationships as of December 31, 2016:

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| Designation<br>Date | Hedging<br>Instrument                                | Hedged<br>item                                                                                                                                                       | Type of<br>hedged<br>risk                             | Hedged<br>period                       | Exchange<br>rate on<br>designation | Designated<br>amounts<br>(US\$'000) | Amortized<br>part<br>(USD'000) | Effect<br>on<br>Result<br>(*)<br>(R\$'000) | St |
|---------------------|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------------------------------|------------------------------------|-------------------------------------|--------------------------------|--------------------------------------------|----|
| 3/11/2014           | Export<br>prepayments<br>in US\$ to<br>third parties | Part of<br>the<br>highly<br>probable<br>future<br>monthly<br>iron ore<br>exports<br>Part of<br>the<br>highly<br>probable<br>future<br>monthly<br>iron ore<br>exports | Foreign<br>exchange<br>- R\$ vs.<br>US\$ spot<br>rate | October<br>2016 -<br>September<br>2019 | 2.4442                             | 500,000                             | (66,667)                       | 45,793                                     |    |
| 1/12/2014           | Export<br>prepayments<br>in US\$ to<br>third parties | Part of<br>the<br>highly<br>probable<br>future<br>monthly<br>iron ore<br>exports<br>Part of<br>the<br>highly<br>probable<br>future<br>monthly<br>iron ore<br>exports | Foreign<br>exchange<br>- R\$ vs.<br>US\$ spot<br>rate | October<br>2015 -<br>February<br>2019  | 2.5601                             | 175,000                             | (41,667)                       | 31,651                                     |    |
| 12/18/2014          | Export<br>prepayments<br>in US\$ to<br>third parties | Part of<br>the<br>highly<br>probable<br>future<br>monthly<br>iron ore<br>exports                                                                                     | Foreign<br>exchange<br>- R\$ vs.<br>US\$ spot<br>rate | May 2020                               | 2.6781                             | 100,000                             |                                |                                            |    |
| 07/21/2015          | Export<br>prepayments<br>in US\$ to                  | Part of<br>the<br>highly                                                                                                                                             | Foreign<br>exchange<br>- R\$ vs.                      | July 2019 -<br>March<br>2021           | 3.1813                             | 60,000                              |                                |                                            |    |

|            |                                             |                                                                                                      |                                           |                             |        |         |
|------------|---------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------|--------|---------|
|            | third parties                               | probable future monthly iron ore exports Part of the highly probable future monthly iron ore exports | US\$ spot rate                            |                             |        |         |
| 07/23/2015 | Export prepayments in US\$ to third parties | Part of the highly probable future monthly iron ore exports                                          | Foreign exchange - R\$ vs. US\$ spot rate | July 2019 - March 2021      | 3.2850 | 100,000 |
| 07/23/2015 | Export prepayments in US\$ to third parties | Part of the highly probable future monthly iron ore exports                                          | Foreign exchange - R\$ vs. US\$ spot rate | October 2018 - October 2022 | 3.2850 | 30,000  |
| 07/24/2015 | Export prepayments in US\$ to third parties | Part of the highly probable future monthly iron ore exports                                          | Foreign exchange - R\$ vs. US\$ spot rate | October 2018 - October 2022 | 3.3254 | 100,000 |
| 07/27/2015 | Export prepayments in US\$ to third parties | Part of the highly probable future monthly iron ore exports                                          | Foreign exchange - R\$ vs. US\$ spot rate | October 2018 - October 2022 | 3.3557 | 25,000  |
| 07/27/2015 | Export prepayments in US\$ to third parties | Part of the highly probable future monthly iron ore exports                                          | Foreign exchange - R\$ vs. US\$ spot rate | October 2018 - October 2022 | 3.3557 | 70,000  |
| 07/27/2015 | Export prepayments in US\$ to third parties | Part of the highly probable future monthly iron ore exports                                          | Foreign exchange - R\$ vs. US\$ spot rate | October 2018 - October 2022 | 3.3557 | 30,000  |

|              |                                             |                                                                                 |                                           |                             |                  |                  |               |
|--------------|---------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------|-----------------------------|------------------|------------------|---------------|
| 07/28/2015   | Export prepayments in US\$ to third parties | iron ore exports<br>Part of the highly probable future monthly iron ore exports | Foreign exchange - R\$ vs. US\$ spot rate | October 2018 - October 2022 | 3.3815           | 30,000           |               |
| 08/01/2015   | Export prepayments in US\$ to third parties | iron ore exports<br>Part of the highly probable future monthly iron ore exports | Foreign exchange - R\$ vs. US\$ spot rate | (1)                         | 3.3940           | (9,000)          |               |
| 08/03/2015   | Export prepayments in US\$ to third parties | iron ore exports<br>Part of the highly probable future monthly iron ore exports | Foreign exchange - R\$ vs. US\$ spot rate | October 2018 - October 2022 | 3.3940           | 355,000          |               |
| <b>Total</b> |                                             |                                                                                 |                                           |                             | <b>1,566,000</b> | <b>(108,334)</b> | <b>77,444</b> |

(\*) The effect on the result was recorded in other operating expenses.

(1) During the designation on August 2015, we reviewed the future export projections and identified that the amount of US\$ 9 million designated previously were not highly probable due to Platt's quotation reduction. Therefore, the hedge relationship was discontinued from August 2015. The exchange rate of the effective period remains recorded in Stockholders' Equity until the time of debt settlement.

In the hedging relationships described above, the amounts of the debt instruments were fully designated for equivalent iron ore export portions.

The movements in the hedge accounting amounts recognized in shareholders' equity as of December 31, 2016 are as follows:

**12/31/2015   Movement   Realization   12/31/2016**



|                                                                               |                  |                    |                 |                |
|-------------------------------------------------------------------------------|------------------|--------------------|-----------------|----------------|
| Cash flow hedge accounting                                                    | 1,520,089        | (1,005,968)        | (77,444)        | 436,677        |
| Income tax and social contribution on cash flow hedge accounting              | (516,831)        |                    |                 | (516,831)      |
| Not recorded Income tax and social contribution on cash flow hedge accounting | 516,831          |                    |                 | 516,831        |
| <b>Fair value of cash flow hedge, net of taxes</b>                            | <b>1,520,089</b> | <b>(1,005,968)</b> | <b>(77,444)</b> | <b>436,677</b> |

As of December 31, 2016, the hedging relationships established by the Company were effective, according to the prospective tests conducted. Thus, no reversal for hedge accounting ineffectiveness was recognized.

• **Net investment hedge in foreign subsidiaries**

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CSN has a natural foreign exchange exposure in Euros substantially arising from a loan made by a foreign subsidiary with functional currency in Reais, for the acquisition of investments abroad whose functional currency is Euro. Such exposure arises from converting the balance sheets of these subsidiaries for consolidation in CSN, and the exchange rate of the loans affected the income statement in the financial result item and the exchange variation of the net assets of the foreign operation directly affected the equity in other comprehensive income.

As from September 1<sup>st</sup>, 2015 CSN began to adopt hedge of net investment to eliminate exposure and cover future fluctuations of the Euro on such loans. Non-derivative financial liabilities have been designated represented by loan agreements with financial institutions in the amount of € 120 million. The carrying amounts on December 31, 2016 are:

| <b>Designation Date</b> | <b>Hedging Instrument</b>                                   | <b>Hedged item</b>                                               | <b>Type of hedged risk</b>               | <b>Exchange rate on designation</b> | <b>Designated amounts (EUR'000)</b> | <b>12/31/2016 Impact on shareholders' equity</b> |
|-------------------------|-------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------------------|
| 9/1/2015                | Non-derivative financial liabilities in EUR – Debt contract | Investments in subsidiaries which EUR is the functional currency | Foreign exchange - R\$ vs. EUR spot rate | 4.0825                              | 120,000                             | 57,804                                           |
| 01/31/2016              | Non-derivative financial liabilities in EUR – Debt contract | Investments in subsidiaries which EUR is the functional currency | Foreign exchange - R\$ vs. EUR spot rate | (1)                                 | (24,000)                            |                                                  |
| <b>Total</b>            |                                                             |                                                                  |                                          |                                     | <b>96,000</b>                       | <b>57,804</b>                                    |

(1) In January 2016 it was settled the portion of debt designated as a hedge instrument.

The changes in the amounts related to net investment hedge as of December 31, 2016 are presented below:

|                                                                 | 12/31/2015    | Movement        | Realization | 12/31/2016      |
|-----------------------------------------------------------------|---------------|-----------------|-------------|-----------------|
| Net Investment hedge accounting                                 | 20,148        | (77,952)        |             | (57,804)        |
| <b>Fair value of net investment hedge in foreign operations</b> | <b>20,148</b> | <b>(77,952)</b> |             | <b>(57,804)</b> |

On December 31, 2016 hedge relationships established by the Company found to be effective, according to prospective tests. Therefore, no reversal by ineffectiveness of the hedge was recorded.

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**14.c) Sensitivity analysis**

We present below the sensitivity analysis for currency risk and interest rate.

**• Sensitivity analysis of Derivative Financial Instruments and consolidated Foreign Exchange Exposure**

The Company considered scenarios 1 and 2 as 25% and 50% of deterioration for volatility of the currency, using as reference the closing exchange rate as of December 31, 2016.

The currencies used in the sensitivity analysis and its scenarios are shown below:

| Currency  | Exchange rate | Probable scenario | 12/31/2016 |            |
|-----------|---------------|-------------------|------------|------------|
|           |               |                   | Scenario 1 | Scenario 2 |
| USD       | 3.2591        | 3.1412            | 4.0739     | 4.8887     |
| EUR       | 3.4384        | 3.7230            | 4.2980     | 5.1576     |
| USD x EUR | 1.0541        | 1.1867            | 1.3176     | 1.5812     |

| Interest | Interest rate | Scenario 1 | 12/31/2016 |
|----------|---------------|------------|------------|
|          |               |            | Scenario 2 |
| CDI      | 13.63%        | 17.04%     | 20.45%     |

|       |       |       |        |
|-------|-------|-------|--------|
| TJLP  | 7.50% | 9.38% | 11.25% |
| LIBOR | 1.32% | 1.65% | 1.98%  |

The effects on income statement, considering scenarios 1 and 2 are shown below:

| Instruments                                                                     | Notional amount    | Risk          | Probable scenario (*) | 12/31/2016         |                    |
|---------------------------------------------------------------------------------|--------------------|---------------|-----------------------|--------------------|--------------------|
|                                                                                 |                    |               |                       | Scenario 1         | Scenario 2         |
| Hedge accounting of exports                                                     | 1,457,667          | Dollar        | (38,191)              | 1,187,670          | 2,375,340          |
| Currency position<br>(not including exchange derivatives above)                 | (3,198,191)        | Dollar        | 83,793                | (2,605,806)        | (5,211,612)        |
| <b>Consolidated exchange position</b><br>(Including exchange derivatives above) | <b>(1,740,524)</b> | <b>Dollar</b> | <b>45,602</b>         | <b>(1,418,136)</b> | <b>(2,836,272)</b> |
| Net Investment hedge accounting                                                 | 96,000             | Euro          | (6,278)               | 82,520             | 165,040            |
| Currency position                                                               | (86,060)           | Euro          | 5,628                 | (73,975)           | (147,950)          |
| <b>Consolidated exchange position</b><br>(Including exchange derivatives above) | <b>9,940</b>       | <b>Euro</b>   | <b>(650)</b>          | <b>8,545</b>       | <b>17,090</b>      |
| Dollar-to-euro swap                                                             | 10,250             | Dólar         | (418)                 | (4,389)            | (8,847)            |

(\*) The probable sceneries were calculated considering the fallowing variations to the specified risks: Real x Dollar – appreciation of Real in 3.62% / Real x Euro – depreciation of Real in 8.28% / Dollar x Euro – depreciation of dollar in 12.58%. Source: Quotation from Central Bank of Brazil and Central Bank of Europe on 09/25/2017.

- **Sensitivity analysis of interest rate swaps**

| <b>Instruments</b> | <b>Notional amount</b> | <b>Risk</b> | <b>Probable scenario (*)</b> | <b>Scenario 1</b> | <b>12/31/2016<br/>Scenario 2</b> |
|--------------------|------------------------|-------------|------------------------------|-------------------|----------------------------------|
| <b>Foward DI</b>   | 1,641,378              | CDI         | (121)                        | 55,930            | 111,860                          |

(\*) The sensitivity analysis is based on the assumption of maintaining as probable scenario the market values as of December 31, 2016 recognized in the company's assets and liabilities.

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- Sensitivity analysis of changes in interest rates**

The Company considered the scenarios 1, and 2 as 25% and 50% of evolution for volatility of the interest as of December 31, 2016.

| Changes<br>in interest<br>rates | % p.a | Assets    | Liabilities  | Probable<br>scenario<br>(*) | Consolidated<br>Impact on profit or loss |            |
|---------------------------------|-------|-----------|--------------|-----------------------------|------------------------------------------|------------|
|                                 |       |           |              |                             | Scenario<br>1                            | Scenario 2 |
| TJLP                            | 7.50  |           | (1,070,088)  | (3,349)                     | (20,064)                                 | (40,128)   |
| Libor                           | 1.32  |           | (5,277,569)  | (44,586)                    | (17,385)                                 | (34,770)   |
| CDI                             | 13.63 | 1,390,707 | (14,442,567) | (229,164)                   | (444,742)                                | (889,484)  |

(\*) The sensitivity analysis is based on the assumption of maintaining as probable scenario the market rates at December 31, 2016 recorded in the Company's assets and liabilities.

**14.d) Liquidity risk**

It is the risk that the Company may not have sufficient net funds to honor its financial commitments as a result of mismatching of terms or volumes between scheduled receipts and payments.

To manage cash liquidity in domestic and foreign currency, assumptions of future disbursements and receipts are established and daily monitored by the treasury area. The payment schedules for the long-term portions of borrowings, financing and debentures are shown in note 13.

The following table shows the contractual maturities of financial liabilities, including accrued interest.

| <b>At December 31, 2016</b>          | <b>Less than one year</b> | <b>From one to two years</b> | <b>From two to five years</b> | <b>Over five years</b> | <b>Consolidated Total</b> |
|--------------------------------------|---------------------------|------------------------------|-------------------------------|------------------------|---------------------------|
| Borrowings, financing and debentures | 2,150,951                 | 12,762,088                   | 11,543,898                    | 4,076,816              | 30,533,753                |
| Derivative financial instruments     | 121                       |                              |                               |                        | 121                       |
| Trade payables                       | 1,763,206                 |                              |                               |                        | 1,763,206                 |
| Dividends and Interest on capital    | 484,570                   |                              |                               |                        | 484,570                   |

#### **IV - Fair values of assets and liabilities as compared to their carrying amounts**

Financial assets and liabilities at fair value through profit or loss are recognized in current and non-current assets and liabilities, and any gains and losses are recognized as finance income or finance costs, respectively.

The amounts are recognized in the financial statements at their carrying amounts, which are substantially similar to those that would be obtained if they were traded in the market. The fair values of other long-term assets and liabilities do not differ significantly from their carrying amounts, except the amounts below.

The estimated fair values for certain consolidated long-term borrowings and financing were calculated at prevailing market rates, taking into consideration the nature, terms and risks similar to those of the recorded contracts, as below:

|                  | <b>Carrying amount</b> | <b>12/31/2016<br/>Fair value</b> | <b>Carrying amount</b> | <b>12/31/2015<br/>Fair value</b> |
|------------------|------------------------|----------------------------------|------------------------|----------------------------------|
| Perpetual bonds  | 3,263,536              | 1,702,134                        | 3,910,115              | 1,330,685                        |
| Fixed Rate Notes | 5,666,506              | 4,907,339                        | 7,086,760              | 3,915,310                        |





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- Credit risks

The exposure to credit risks of financial institutions complies with the parameters established by financial policy. The Company has as practice the detailed analysis of the patrimonial and financial situation of its clients, the establishment of a credit limit and permanent monitoring of its debit balance.

With regard to financial investments, the Company only made investments in institutions with low credit risk rated by rating agencies. Since part of the funds is invested in repurchase agreements that are backed by Brazilian Government Bonds, there is also exposure to the credit risk of the Brazilian State.

- Capital Management

The Company manages its capital structure in order to safeguard its ability to continue to offer shareholder returns and benefits to other stakeholders, as well as maintaining an ideal capital structure to reduce this cost.

## 15 OTHER PAYABLES

The group of other payables classified in current and non-current liabilities is comprised as follows:

|                                         | <b>Current</b>    |                   | <b>Consolidated<br/>Non-current</b> |                   |                   |
|-----------------------------------------|-------------------|-------------------|-------------------------------------|-------------------|-------------------|
|                                         | <b>12/31/2016</b> | <b>12/31/2015</b> | <b>12/31/2016</b>                   | <b>12/31/2015</b> | <b>12/31/2015</b> |
| Payables to related parties (note 20 b) | 10,927            | 6,798             |                                     |                   | 18                |

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|                                                           |                  |                  |                |                |           |
|-----------------------------------------------------------|------------------|------------------|----------------|----------------|-----------|
| Derivative financial instruments (note 14 I)              | 121              | 26,257           |                |                |           |
| Exclusive Funds (1) (note 20b)                            |                  |                  |                |                |           |
| Dividends and interest on capital payable (note 14 I) (2) | 484,570          | 464,982          |                |                |           |
| Advances from customers                                   | 90,720           | 49,505           |                |                | 8         |
| Taxes in installments (note 17)                           | 24,444           | 24,237           | 83,312         | 87,890         | 14        |
| Profit sharing - employees                                | 211,791          | 171,695          |                |                | 1         |
| Freight provision                                         | 57,586           | 105,104          |                |                |           |
| Provision for industrial restructuring                    | 13,000           | 122,854          |                |                |           |
| Taxes payable                                             |                  |                  | 8,518          | 7,805          |           |
| Other provisions                                          | 23,162           | 30,784           |                |                |           |
| Third party materials in our possession                   | 288              | 184              |                |                |           |
| Other payables                                            | 105,115          | 70,617           | 39,307         | 35,589         | 2         |
|                                                           | <b>1,021,724</b> | <b>1,073,017</b> | <b>131,137</b> | <b>131,284</b> | <b>46</b> |

(1) Refers to derivative transactions managed by exclusive funds.

(2) Dividends payable by the subsidiary CSN Mineração.

## 16 INCOME TAX AND SOCIAL CONTRIBUTION

### 16.a) Income tax and social contribution recognized in profit or loss:

The income tax and social contribution recognized in profit or loss for the year are as follows:

|                                                            |                  | Consolidated       |               | Parent             |
|------------------------------------------------------------|------------------|--------------------|---------------|--------------------|
|                                                            |                  | 12/21/2015         |               | Company            |
|                                                            | 12/31/2016       | Restated           | 12/31/2016    | Restated           |
| <b>Income tax and social contribution income (expense)</b> |                  |                    |               |                    |
| Current                                                    | (206,178)        | (135,671)          | 37,518        | 2,469              |
| Deferred                                                   | (60,368)         | (2,767,545)        | 59,299        | (2,824,757)        |
|                                                            | <b>(266,546)</b> | <b>(2,903,216)</b> | <b>96,817</b> | <b>(2,822,288)</b> |



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The reconciliation of consolidated income tax and social contribution expenses and income and the result from applying the effective rate to profit before income tax and social contribution are as follows:

|                                                                             |                   | <b>Consolidated</b> |                    | <b>Parent</b>     |
|-----------------------------------------------------------------------------|-------------------|---------------------|--------------------|-------------------|
|                                                                             |                   | <b>12/31/2015</b>   |                    | <b>Company</b>    |
|                                                                             | <b>12/31/2016</b> | <b>Restated</b>     | <b>12/31/2016</b>  | <b>12/31/2015</b> |
|                                                                             |                   |                     |                    | <b>Restated</b>   |
| <b>(Loss)/Profit before income tax and social contribution</b>              | <b>(576,951)</b>  | <b>1,685,341</b>    | <b>(1,022,003)</b> | <b>1,606,255</b>  |
| Tax rate                                                                    | 34%               | 34%                 | 34%                | 34%               |
| <b>Income tax and social contribution at combined statutory rate</b>        | <b>196,163</b>    | <b>(573,016)</b>    | <b>347,481</b>     | <b>(546,127)</b>  |
| <b>Adjustment to reflect the effective rate:</b>                            |                   |                     |                    |                   |
| Equity pickup                                                               | 22,072            | 394,492             | (125,917)          | 1,905,033         |
| Result with differentiated or untaxed current rates                         | (287,502)         | 798,603             |                    |                   |
| Transfer pricing adjustment                                                 | (63,638)          | (66,447)            | (26,679)           | (70,083)          |
| Tax loss carryforwards without recognizing deferred taxes                   | (821,920)         | (89,978)            | (788,240)          | 34,196            |
| Limit of Indebtness                                                         | (35,391)          | (54,091)            | (35,391)           | (54,091)          |
| Deferred taxes on temporary differences - non computed (1)                  | 643,990           | (1,133,091)         | 636,190            | (1,133,091)       |
| (Losses) / Reversal for deferred income and social contribution tax credits | 44,691            | (2,949,003)         | 44,691             | (2,949,003)       |
| Refis effect and early discharge program                                    |                   | (2,586)             |                    | (2,589)           |
| Income tax and social contribution on foreign profit                        | (35,613)          | 72,376              | (35,295)           | (1,784)           |
| Fair value of 59.76% interest held in Namisa                                |                   | 855,551             |                    |                   |
| Goodwill amortization of Metalic                                            | 31,439            |                     | 31,439             |                   |
| Tax incentives                                                              | 22,673            |                     | 18,145             |                   |

|                                                                  |                  |                    |               |                    |
|------------------------------------------------------------------|------------------|--------------------|---------------|--------------------|
| Other permanent deductions (additions)                           | 16,490           | (156,026)          | 30,393        | (4,749)            |
| <b>Income tax and social contribution in profit for the year</b> | <b>(266,546)</b> | <b>(2,903,216)</b> | <b>96,817</b> | <b>(2,822,288)</b> |
| <b>Effective tax rate</b>                                        | <b>-46%</b>      | <b>172%</b>        | <b>9%</b>     | <b>176%</b>        |

(1) As from third quarter of 2015 the Company no longer computes income tax and social contribution credits on tax losses and temporary differences.

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1****16.b) Deferred income tax and social contribution:**

The deferred income tax and social contribution maintained in noncurrent assets refer solely to tax losses and negative basis of social contribution and were limited to 30% of the income tax and negative basis of deferred social contribution recognized in liabilities. The remaining balance of tax losses and negative basis of social contribution and the total temporary differences were written off and maintained in the Company's tax books for future utilization and amounted, respectively, to R\$ 3,067,726 and R \$ 1,095,848.

|                                                                           | <b>Opening Balance<br/>12/31/2015<br/>Restated</b> | <b>Move<br/>Shareholders' Equity</b> |
|---------------------------------------------------------------------------|----------------------------------------------------|--------------------------------------|
| <b>Deferred</b>                                                           |                                                    |                                      |
| Income tax losses                                                         | 417,256                                            |                                      |
| Social contribution tax losses                                            | 161,769                                            |                                      |
| <b>Temporary differences</b>                                              | <b>(1,572,992)</b>                                 | <b>71,769</b>                        |
| - Provision for tax social security, labor, civil and environmental risks | 245,923                                            |                                      |
| - Provision for environmental liabilities                                 | 89,290                                             |                                      |
| - Assets impairment losses                                                | 87,152                                             |                                      |
| - Inventory impairment losses                                             | 29,048                                             |                                      |
| - (Gains )/ losses in financial instruments                               | (5,454)                                            |                                      |
| - (Gains )/losses on available for sale financial assets                  | 947,989                                            | (242,060)                            |
| - Actuarial liability (pension and healthcare plan)                       | 164,167                                            | (15,387)                             |
| - Accrued supplies and services                                           | 92,401                                             |                                      |
| - Allowance for doubtful debts                                            | 38,614                                             |                                      |
| - Goodwil on merger                                                       | 9,211                                              |                                      |
| - Unrealized exchange differences (2)                                     | 2,427,926                                          |                                      |
| - (Gain) in control loss on Transnordestina                               | (224,096)                                          |                                      |
| - Cash flow hedge accounting                                              | 516,831                                            | (368,360)                            |
| - Aquisition Fair Value SWT/CBL                                           | (299,574)                                          | 52,506                               |
| - Deferred taxes non computed                                             | (1,673,904)                                        | 527,520                              |
| - Estimated (Losses)/reversals to deferred taxes credits                  | (3,173,048)                                        | 114,627                              |
| - Business Combination                                                    | (1,058,088)                                        |                                      |
| - Others                                                                  | 212,620                                            | 2,923                                |
| <b>Total</b>                                                              | <b>(993,967)</b>                                   | <b>71,769</b>                        |

|                            |        |                  |
|----------------------------|--------|------------------|
| Total Deferred Assets      | 78,066 |                  |
| Total Deferred Liabilities |        | (1,072,033)      |
| <b>Total Deferred</b>      |        | <b>(993,967)</b> |

|                                                                            | Opening Balance<br>12/31/2015<br>Restated | Movemen<br>Shareholders' Equity |
|----------------------------------------------------------------------------|-------------------------------------------|---------------------------------|
| <b>Deferred tax assets</b>                                                 |                                           |                                 |
| Income tax losses                                                          | 226,246                                   |                                 |
| Social contribution tax losses                                             | 93,031                                    |                                 |
| <b>Temporary differences</b>                                               | <b>(985,358)</b>                          | <b>19,425</b>                   |
| - Provision for tax. social security, labor, civil and environmental risks | 216,862                                   |                                 |
| - Provision for environmental liabilities                                  | 88,501                                    |                                 |
| - Asset impairment losses                                                  | 67,483                                    |                                 |
| - Inventory impairment losses                                              | 13,757                                    |                                 |
| - (Gains)/losses on financial instruments                                  | (5,454)                                   |                                 |
| - (Gains)/losses on available for sale financial assets                    | 947,989                                   | (242,060)                       |
| - Actuarial liability (pension and healthcare plan)                        | 163,560                                   | (12,302)                        |
| - Accrued supplies and services                                            | 49,040                                    |                                 |
| - Allowance for doubtful debts                                             | 28,087                                    |                                 |
| - Unrealized exchange differences (2)                                      | 2,427,926                                 |                                 |
| - Gains in loss of control of the transnordestina                          | (224,096)                                 |                                 |
| - Cash flow hedge accounting                                               | 516,831                                   | (368,360)                       |
| - Deferred taxes non computed                                              | (1,491,042)                               | 527,520                         |
| - Estimated Losses/ reversals to deferred taxes credits                    | (3,173,048)                               | 114,627                         |
| - Business Combination                                                     | (721,993)                                 |                                 |
| - Deferred tax on CGPAR Business Combination (1)                           |                                           |                                 |
| - Deferred tax on amortization of CGPAR surplus value                      |                                           |                                 |
| - Other                                                                    | 110,239                                   |                                 |
| <b>Total</b>                                                               | <b>(666,081)</b>                          | <b>19,425</b>                   |
| Total Deferred Liabilities                                                 | (666,081)                                 |                                 |
| <b>Total Deferred</b>                                                      | <b>(666,081)</b>                          |                                 |

(1) Tributos diferidos na aquisição de controle – CGPAR conforme mencionado na nota 3.2

(2) The Company taxes the foreign exchange differences on a cash basis to calculate income tax and social contribution.





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The Company has foreign subsidiaries in its corporate structure, for which profits are taxed at income tax in the countries where they are domiciled by lower rates than those prevailing in Brazil. From 2012 up to 2016 such foreign subsidiaries generated profits amounting to R\$ 1,743,368. If for some reason tax authorities understand that these profits are subject to additional taxation in Brazil in respect of income tax and social contribution, which if due, would total R\$ 580,332.

The Company, based on its legal counsel's opinion, assessed the likelihood of loss in a potential claiming by tax authorities which resulted in a possible risk of loss and, therefore, no provision was recognized in the financial statements.

**16.c) Impairment test - Deferred taxes**

Annually, CSN performs a technical study to demonstrate if the generation of future taxable profits support the realization of tax credits.

This study is prepared at Entity level, in accordance with the Brazilian tax legislation, and is performed considering substantially the Company's projections (98% of the consolidated amount) since the other group companies do not have material credits for purposes of this study. The parent company engages in the following businesses:

- Flat Steel Brazil;
- Long Steel Brazil;
- Cement;

The deferred tax assets on tax losses and temporary differences refers mainly to the following:

| Nature                       | Description                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tax losses                   | In recent periods, the Company started to incur in tax losses at the parent company level, mostly because of high financial expenses, as substantially all our loans and financings are on this level.                                                                                                                                                                   |
| Exchange difference expenses | Since 2012 the Company opted by the taxation on a cash basis. As the Parent Company have operated without taxable profit (at the parent company level), it would not make sense to use this deductibility year by year (accrual basis). As a result of the cash basis tax treatment, taxes are only due and expenses are only deductible at the time of debt settlement. |
| Losses on Usiminas shares    | The losses on Usiminas shares are recognized on an accrual basis, but the taxable event will occur only at the time of divestment, expected to occur in the period projected to compensate the deferred taxes.                                                                                                                                                           |
| Other provisions             | Various accounting provisions are recognized on an accrual basis, but their taxation occurs only at the time of its realization, such as provisions for contingencies, impairment losses, environmental liabilities, etc.                                                                                                                                                |

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The study it is prepared based on the Company business plan of long-term in period reasonably estimated by management and considered several scenarios which vary according to different macroeconomic and operating assumptions.

The model for projection of taxable profit considers two main indicators:

- Pre-Tax Profit, reflecting our projected EBITDA plus depreciation, other income and expenses and financial income (expenses); and
- Taxable Profit, which is our pre-tax profit plus (minus) expenses and income items that are taxable at a time different from the time obtained on an accrual basis (temporary differences).

Taxable profit is obtained considering adjustments to pre-tax profits for the following main items:

- Foreign Exchange differences: are expected to be offset against future profits based on the original in liquidation debts owed to third parties and rescheduling of intercompany debts (to match the periods of greater profitability);
- Losses on Usiminas: the model assumed using the tax assets at the time of sale of the preferred shares (and realization of losses), exclusively;

- Other provisions: in view of the unpredictability of the occurrence of losses for which we have recorded provisions, we assumed an even 10% utilization per year; and
- Tax loss: utilization is limited under Brazilian law to 30% of the taxable income in a given year. Under Brazilian law income tax losses do not expire and may be used to offset future taxable income.

In addition, a sensitivity analysis of tax credits utilization considering a change in macroeconomic assumptions, operational performance and liquidity events took place.

On the other hand, as a negative factor, CSN has experienced income tax losses in most of the last five years resulting from the deterioration of the Brazilian political and macroeconomic environment, as well as due to the growth of financial leverage, which has unbalanced the relationship between operating and financial results at the parent company level.

In summary, the main positive and negative evidences we considered in making our projections were:

i. Positive aspects: Operating profit, non-expiration on tax losses benefit and extinguishment of the financial expenses arising from the elimination pre-existing relationship between Namisa and the Parent Company and dividends to be received from CSN Mineração.

ii. Negative aspects: history of tax losses, substantial generation of cash used for payment of debts and increase in iron ore costs since, from the business combination, the Parent Company started purchasing iron ore at market price from CSN Mineração and, pursuant to the Brazilian legislation, the utilization of the tax loss is limited to 30% of the taxable profit in the year.

The existence of tax losses generated in the last years is a material negative evidence for being objectively verifiable, and, consequently, more weight is given to this evidence than to others which may have subjectivity features, according to the interpretation of technical pronouncement IAS 12 / CPC 32.

The projections of future taxable profits for 2015 that supported the recording of deferred tax credits attributed an important weight to the sale of certain non-core assets whose technical reflection during 2016 indicated that the corresponding sales would not be subject to inclusion in these projections since they would be out of Management's control. This new understanding reduced the future taxable base for the

period estimated in these projections.

Therefore, one considers that there are not sufficiently strong evidences that support the recording of the tax credits, limiting their recognition to 30% of the deferred tax liabilities.

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**16.d) Income tax and social contribution recognized in shareholders' equity:**

The income tax and social contribution recognized directly in shareholders' equity are as follows:

**Income tax and social contribution**

|                                                                                                      | <b>12/31/2016</b> |
|------------------------------------------------------------------------------------------------------|-------------------|
| Actuarial gains on defined benefit pension plan                                                      | 30,234            |
| Estimated losses for deferred income and social contribution tax credits - actuarial gains           | (33,400)          |
| Changes in the fair value on available fo sale financial assets                                      | (33,796)          |
| Actuarial gains and assets available for sale by incorporation                                       |                   |
| Estimated losses for deferred income and social contribution tax credits - available for sale assets | 33,796            |
| Exchange differences on foreign operations                                                           | (425,510)         |
| Cash flow hedge accounting                                                                           | 109,813           |
| Estimated losses for deferred income and social contribution tax credits - Cash flow hedge           | (109,813)         |
|                                                                                                      | <b>(428,676)</b>  |

**17 Taxes in installments**

The position of the Refis debts and other tax installment payment plans, recorded in taxes in installments in current and non-current liabilities, as mentioned in note 15, is as follows:

|                             | <b>Current</b>    |                   | <b>Consolidated<br/>Non-current</b> |                   | <b>Current</b>    |                   |                   |
|-----------------------------|-------------------|-------------------|-------------------------------------|-------------------|-------------------|-------------------|-------------------|
|                             | <b>12/31/2016</b> | <b>12/31/2015</b> | <b>12/31/2016</b>                   | <b>12/31/2015</b> | <b>12/31/2016</b> | <b>12/31/2015</b> | <b>12/31/2014</b> |
| Federal REFIS Law 11.941/09 | 11,956            | 11,891            | 19,779                              | 19,247            | 9,173             | 9,173             |                   |
| Federal REFIS Law 12.865/13 | 5,572             | 4,830             | 57,905                              | 56,661            |                   |                   |                   |
| Other taxes in installments | 6,916             | 7,516             | 5,628                               | 11,982            | 224               | 34                | 1                 |
|                             | <b>24,444</b>     | <b>24,237</b>     | <b>83,312</b>                       | <b>87,890</b>     | <b>9,397</b>      | <b>9,207</b>      | <b>1</b>          |



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**18 PROVISION FOR TAX, SOCIAL SECURITY, LABOR, CIVIL AND ENVIRONMENTAL RISKS AND  
JUDICIAL DEPOSITS**

Claims of different nature are being challenged at the appropriate courts. Details of the accrued amounts and related judicial deposits are as follows:

|                      | <b>Consolidated</b>        |                   |                          |                   | <b>Consolidated</b>        |                   |                          |                   |
|----------------------|----------------------------|-------------------|--------------------------|-------------------|----------------------------|-------------------|--------------------------|-------------------|
|                      | <b>Accrued liabilities</b> |                   | <b>Judicial deposits</b> |                   | <b>Accrued liabilities</b> |                   | <b>Judicial deposits</b> |                   |
|                      | <b>12/31/2016</b>          | <b>12/31/2015</b> | <b>12/31/2016</b>        | <b>12/31/2015</b> | <b>12/31/2016</b>          | <b>12/31/2015</b> | <b>12/31/2016</b>        | <b>12/31/2015</b> |
| Tax                  | 119,523                    | 143,852           | 62,035                   | 82,472            | 70,979                     | 82,619            | 48,831                   |                   |
| Social security      | 62,574                     | 70,174            | 48,614                   | 46,193            | 61,594                     | 69,293            | 48,614                   |                   |
| Labor                | 485,422                    | 478,611           | 186,823                  | 165,027           | 381,255                    | 388,763           | 156,978                  |                   |
| Civil                | 137,857                    | 128,451           | 23,179                   | 24,634            | 110,420                    | 103,087           | 16,395                   |                   |
| Environmental        | 7,716                      | 17,646            | 2,220                    | 1,697             | 2,370                      | 12,536            | 2,220                    |                   |
| Deposit of guarantee |                            |                   | 8,387                    | 8,519             |                            |                   |                          |                   |
|                      | <b>813,092</b>             | <b>838,734</b>    | <b>331,258</b>           | <b>328,542</b>    | <b>626,618</b>             | <b>656,298</b>    | <b>273,038</b>           |                   |

The changes in the provision for tax, social security, labor, civil and environmental risks in the year ended December 31, 2016 were as follows:

**Consolidated**

| <b>Nature</b> | <b>12/31/2015</b> | <b>Additions</b> | <b>Current + Non-current</b> |
|---------------|-------------------|------------------|------------------------------|
|               |                   |                  | <b>12/31/2016</b>            |

|                 |                |                | <b>Accrued<br/>charges</b> | <b>Net utilization<br/>of reversal</b> |                |
|-----------------|----------------|----------------|----------------------------|----------------------------------------|----------------|
| Tax             | 143,852        | 5,293          | 10,533                     | (40,155)                               | 119,523        |
| Social security | 70,174         |                | 1,392                      | (8,992)                                | 62,574         |
| Labor           | 478,611        | 107,571        | 81,766                     | (182,526)                              | 485,422        |
| Civil           | 128,451        | 5,977          | 17,300                     | (13,871)                               | 137,857        |
| Environmental   | 17,646         | 2,647          | 683                        | (13,260)                               | 7,716          |
|                 | <b>838,734</b> | <b>121,488</b> | <b>111,674</b>             | <b>(258,804)</b>                       | <b>813,092</b> |

**Parent  
Company**

|                 |                   |                  |                            |                                        | <b>Current + Non-current</b> |
|-----------------|-------------------|------------------|----------------------------|----------------------------------------|------------------------------|
| <b>Nature</b>   | <b>12/31/2015</b> | <b>Additions</b> | <b>Accrued<br/>charges</b> | <b>Net utilization<br/>of reversal</b> | <b>12/31/2016</b>            |
| Tax             | 82,619            | 5,290            | 5,622                      | (22,552)                               | 70,979                       |
| Social security | 69,293            |                  | 1,293                      | (8,992)                                | 61,594                       |
| Labor           | 388,763           | 71,808           | 72,212                     | (151,528)                              | 381,255                      |
| Civil           | 103,087           | 4,920            | 12,447                     | (10,034)                               | 110,420                      |
| Environmental   | 12,536            | 163              | 404                        | (10,733)                               | 2,370                        |
|                 | <b>656,298</b>    | <b>82,181</b>    | <b>91,978</b>              | <b>(203,839)</b>                       | <b>626,618</b>               |

The provision for tax, social security, labor, civil and environmental liabilities was estimated by management and is mainly based on the legal counsel's assessment and only proceedings for which the risk is classified as probable loss are accrued. Additionally, this provision includes tax liabilities resulting from lawsuits filed by the Company, subject to SELIC (Central Bank's policy rate).

### **Tax lawsuits**

The main tax lawsuits assessed by the outside legal counsel as probable losses which CSN or its subsidiaries are parties are as follows: (i) Municipal tax assessments (ISS) incident in lease contracts; (ii) ICMS Assessment Notice for the alleged nonpayment of this tax on product imports; (iii) Tax Forfeiture to collect ICMS reported but not paid; (iv) collection of income tax and social contribution for the offset of nonexistent tax credits.

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**Labor lawsuits**

As of December 31, 2016, the Group is a defendant in 7,953 labor lawsuits, for which a provision has been recorded in the amount of R\$485,422 (R\$478,611 as of December 31, 2015). Most of the claims relate to subsidiary and/or joint liability, salary equalization, health hazard premiums and hazardous duty premiums, overtime pay, difference in the 40% fine for the severance pay fund (FGTS) related to period prior to retirement and as a result of federal government economic plans, health care plan, indemnity claims resulting from alleged occupational diseases or on-the-job accidents, breaks between working hours, and differences in profit sharing from 1997 to 1999 and from 2001 to 2003.

During the year ended December 31, 2016 there were addition or write-off movements in labor lawsuits, due to court orders issued to terminate lawsuits and the constant revision of the Company's accounting estimates related to the provision for contingencies that take into consideration the different nature of the claims made, as required by the Company's accounting policies.

**Civil lawsuits**

Among the civil lawsuits in which the Company is a defendant are claims for compensation. Generally, these lawsuits result from on-the-job accidents, occupational diseases and contractual litigation related to the industrial activities of the Group, real estate actions, healthcare plan, and reimbursement of costs incurred in labor courts. For lawsuits involving civil matters, a provision has been recognized in the amount of R\$137,857 as of December 31, 2016 (R\$128,451 as of December 31, 2015)

**Environmental lawsuits**

The environmental administrative/judicial proceedings filed against the Company include mainly administrative proceedings for alleged environmental irregularities and the regularization of environmental permits; at the judicial level, the Company is a party to actions collecting the fines imposed for such alleged environmental irregularities and public civil actions claiming regularization coupled with compensation, in most cases claiming environmental recovery. In general, these proceedings arise from alleged damages to the environment related to the Company's industrial activities. For lawsuits involving environmental matters, a provision has been recognized in the amount of R\$7,716 as of December 31, 2016 (R\$17,646 as of December 31, 2015)

In July 2012 the Company received a legal notice in the lawsuit filed by the State Attorney's Office of the State of Rio de Janeiro, related to Volta Grande IV district in the city of Volta Redonda-RJ, claiming, among others, the removal of two industrial waste cells and 750 (seven hundred and fifty) homes. This lawsuit was initially classified as probable loss risk, however, due to the fact that injunctions were dismissed at the lower and higher courts, in particular, the removal of 750 (seven hundred and fifty) families, as well as because there is still no judicial expert investigation that measures the risks and, consequently, the scope of remediation, the classification of the degree of risk became possible, considering the current phase of the lawsuit.

As a result of the lawsuit mentioned in the paragraph above, after August 2012 the Company received legal notices related to some lawsuits filed by one of the dwellers of the Volta Grande IV district, who claims the payment of compensation for property damages and pain and suffering, whose amounts are illiquid at the moment, and this lawsuit is classified as possible loss risk.

On the same matter (Bairro Volta Grande IV), in August 2013 the Company received a subpoena about the lawsuits filed by the Federal Public Prosecution Office (Federal Courts), which has the same claim of the lawsuit filed by the State Public Prosecution Office, described above.

Currently, the conflict of jurisdiction between the two actions, between the State and Federal Courts, is discussed to prosecute and adjudicate the causes.

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**1**• Other administrative and judicial proceedings

The table below shows a summary of the carrying amounts of the main legal matters with possible risk of loss on December 31, 2016 and 2015.

|                                                                                                                                                                                                    | <b>12/31/2016</b> | <b>Consolidated<br/>12/31/2015</b> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Income tax / Social contribution - Assessment Notice and imposition of fine (AIIM) - Capital gain for an alleged sale of the shares of its subsidiary NAMISA (note 34).                            | 8,415,142         | 7,743,501                          |
| Income tax / Social contribution - Assessment Notice and imposition of fine (AIIM) - Disallowance of deductions of goodwill generated in the reverse incorporation of Big Jump by Namisa (note 34) | 2,457,855         | 2,250,833                          |
| Assessment Notice and Imposition of fine (AIIM) - Income tax/ Social contribution - gross of interest on prepayment arising from supply contracts of iron ore and port services (1)                | 2,327,499         | 1,105,793                          |
| Notices of violation and imposition of fine - Income taxes and social contribution due to profits from foreign subsidiaries (years 2008,2010 and 2011) (2)                                         | 1,644,898         | 832,183                            |
| Tax foreclosures - ICMS - Electricity credits                                                                                                                                                      | 838,192           | 785,043                            |
| Installments MP 470 - alleged insufficiency of tax losses                                                                                                                                          | 652,553           | 587,205                            |
| Offset of taxes that were not approved by the Federal Revenue Service - IRPJ/CSLL, PIS/COFINS e IPI                                                                                                | 1,505,079         | 1,015,355                          |
| Disallowance of the ICMS credits - Transfer of iron ore                                                                                                                                            | 570,997           | 516,581                            |

|                                                                                                                                |                   |                   |
|--------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|
| Disallowance of the ICMS credits - ICMS - acquisition of subsidiary (3)                                                        |                   | 277,389           |
| ICMS - Refers to the transfer of imported raw material at an amount lower than the price disclosed in the import documentation | 279,511           | 252,112           |
| Disallowance of the tax losses arising on adjustments to the SAPLI                                                             | 455,214           | 409,323           |
| Assessment Notice - ICMS - shipping and return merchandise for Industrialization                                               | 749,492           | 541,338           |
| Assessment Notice- Income tax- Capital Gain of CFM vendors located outside                                                     | 185,249           | 170,835           |
| CFEM - Divergence on the understanding between CSN and DNPM on the calculation basis                                           | 348,512           | 349,908           |
| Other tax (federal, state, and municipal) lawsuits                                                                             | 2,727,258         | 2,187,718         |
| Social security lawsuits                                                                                                       | 263,951           | 289,923           |
| Law suit applied by Brazilian antitrust authorities (CADE)                                                                     | 96,316            | 70,423            |
| Other civil lawsuits                                                                                                           | 814,440           | 763,576           |
| Labor and social security lawsuits                                                                                             | 1,138,155         | 1,032,678         |
| Environmental lawsuits                                                                                                         | 375,272           | 359,046           |
|                                                                                                                                | <b>25,845,585</b> | <b>21,540,763</b> |

1. The increase is due to an assessment notice received in December 2016.

2. The increase is due to an assessment notice received in June 2016, related to the profits from foreign subsidiaries in 2011.

3. Tax assessments were canceled due to a favorable decision to the Company in the 2nd administrative judicial level, the referred judgment occurred on February 15, 2016.

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The assessments made by the legal counsel define these administrative and judicial proceedings as entailing risk of possible loss and, therefore, no provision was recorded in conformity with Management's judgment and accounting practices adopted in Brazil.

- **Environmental lawsuits**

The environmental processes present high complexity for estimating the amount at risk, should be taken into consideration, among various aspects, procedural development, the extent of damage and the projection of repairing costs.

There are other environmental processes for which it is not yet possible to assess the risk and contingency value due to the aforementioned complexity estimation, the peculiarities of the matters involving them and also their procedural steps.

## **19 PROVISION FOR ENVIRONMENTAL LIABILITIES AND ASSET RETIREMENT OBLIGATIONS**

The carrying amount of the provision for environmental liabilities and asset retirement obligation (ARO) are as follows:

|                              | <b>12/31/2016</b> | <b>Consolidated<br/>12/31/2015</b> | <b>12/31/2016</b> | <b>Parent Company<br/>12/31/2015</b> |
|------------------------------|-------------------|------------------------------------|-------------------|--------------------------------------|
| Environmental liabilities    | 273,475           | 262,290                            | 265,772           | 259,115                              |
| Asset retirement obligations | 73,589            | 66,641                             |                   |                                      |

**347,064****328,931****265,772****259,115****19.a) Environmental liabilities**

As of December 31, 2016, there is a provision recognized for expenditures relating to environmental investigation and recovery services for potentially contaminated areas surrounding establishments in the States of Rio de Janeiro, Minas Gerais and Santa Catarina. Estimated expenditures will be reviewed periodically and the amounts already recognized will be adjusted whenever necessary. These are Management's best estimates based on the environmental remediation studies and projects. This provision is recognized as other operating expenses.

The provision is measured at the present value of the expenditures required to settle the obligation, using a pretax rate that reflects current market assessments of the time value of money and the specific risks of the obligation. The increase in the obligation due to passage of time is recognized as other operating expenses.

The discount rate used to calculate the provision to present value through December 31, 2016 was 9.2% in real terms. The liability recognized is periodically updated based on the general market price index (IGP-M) for the period.

Some contingent environmental liabilities are monitored by environmental department were not recorded in provisions due to its characteristics, they do not meet the recognition criteria present in CPC 25.

**19.b) Asset retirement**

Asset retirement obligations refer to estimated costs for decommissioning, retirement or restoration of areas upon the termination of activities related to mining resources. The initial measurement is recognized as a liability discounted to present value and subsequently through increase in expenses over time. The asset retirement cost equivalent to the initial liability is capitalized as part of the carrying amount of the asset, being depreciated over the useful life of the asset.



In 2015, the Company completed a new certification of iron mineral reserves in the Casa de Pedra and Engenho mines. This certification, prepared by a specialized company, has certified reserves of 3,021 million tons of iron ore, which represents an increase of 85% compared to the amounts certified in the last audit on April 2007.

## **20 RELATED-PARTY BALANCES AND TRANSACTIONS**

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## **20.a) Transactions with holding companies**

Vicunha Siderurgia S.A. is the Company's main shareholder, with 49.21% of the voting shares.

Also integrating the Company's control block are Rio Iaco Participações S.A., CFL Participações S.A. and Vicunha Têxtil, which hold interest in CSN's voting capital of 4.19%, 0.29% and 0.36%, respectively.

Vicunha steel's corporate structure is as follows:

Vicunha Steel S.A. – holds 67.35% of Vicunha Aços S.A.

CFL Participações S.A. – holds 13.06% of National Steel S.A. and holds 40% of Vicunha Steel S.A.

Rio Purus Participações S.A. – holds 19.59% of Vicunha Aços S.A. and holds 60% of Vicunha Steel S.A.

## **20.b) Transactions with subsidiaries, joint ventures, associates, exclusive funds and other related parties**

- **By transaction**

|                                               | <b>Current</b>    |                   | <b>Non-current</b> |                                |                   |
|-----------------------------------------------|-------------------|-------------------|--------------------|--------------------------------|-------------------|
|                                               | <b>12/31/2016</b> | <b>12/31/2015</b> | <b>12/31/2016</b>  | <b>12/31/2015<br/>Restated</b> | <b>12/31/2014</b> |
| <b>Assets</b>                                 |                   |                   |                    |                                |                   |
| Trade receivables (note 7)                    | 129,837           | 61,366            |                    |                                | 129,837           |
| Dividends receivable (note 7)                 | 37,679            | 27,817            |                    |                                | 37,679            |
| Actuarial asset (note 9)                      |                   |                   | 119,854            | 114,433                        | 119,854           |
| Financial investments/ investments            | 315,319           |                   |                    |                                | 315,319           |
| Loans (note 9)                                |                   |                   | 479,960            | 373,214                        | 479,960           |
| Other receivables (note 9)                    | 5,768             | 9,420             | 32,020             | 29,020                         | 37,679            |
|                                               | <b>488,603</b>    | <b>98,603</b>     | <b>631,834</b>     | <b>516,667</b>                 | <b>1,120,119</b>  |
| <b>Liabilities</b>                            |                   |                   |                    |                                |                   |
| <b>Other payables (Note 15)</b>               |                   |                   |                    |                                |                   |
| Accounts payable                              | 10,927            | 6,798             |                    |                                | 10,927            |
| Trade payables                                | 50,623            | 67,443            |                    |                                | 50,623            |
| Actuarial liabilities                         |                   |                   | 28,004             | 25,294                         | 28,004            |
|                                               | <b>61,550</b>     | <b>74,241</b>     | <b>28,004</b>      | <b>25,294</b>                  | <b>89,554</b>     |
|                                               | <b>12/31/2016</b> | <b>12/31/2015</b> |                    |                                |                   |
| <b>P&amp;L</b>                                |                   |                   |                    |                                |                   |
| <b>Revenues</b>                               |                   |                   |                    |                                |                   |
| <b>Sales</b>                                  |                   |                   |                    |                                |                   |
| Interest (note 26)                            | 878,992           | 725,285           |                    |                                |                   |
| Expenses                                      | 60,964            | 65,084            |                    |                                |                   |
| <b>Purchases</b>                              |                   |                   |                    |                                |                   |
| Interest (note 26)                            | (1,099,851)       | (1,103,428)       |                    |                                |                   |
| Foreing exchange and monetary variations, net | (3,185)           | (1,333)           |                    |                                |                   |
|                                               | <b>(18,398)</b>   | <b>(18,398)</b>   |                    |                                |                   |
|                                               | <b>(181,478)</b>  | <b>(314,392)</b>  |                    |                                |                   |

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1**• **By company**

|                                                                      | <b>Assets</b>  |                    |                | <b>Liabilities</b> |                    |               | <b>Sales</b> |
|----------------------------------------------------------------------|----------------|--------------------|----------------|--------------------|--------------------|---------------|--------------|
|                                                                      | <b>Current</b> | <b>Non-current</b> | <b>Total</b>   | <b>Current</b>     | <b>Non-current</b> | <b>Total</b>  |              |
| <b>Joint-venture<br/>and<br/>Joint-operation</b>                     |                |                    |                |                    |                    |               |              |
| Itá Energética<br>S.A.                                               |                |                    |                | 2,742              |                    | 2,742         |              |
| MRS Logística<br>S.A.                                                | 36,959         |                    | 36,959         | 31,800             |                    | 31,800        |              |
| CBSI -<br>Companhia<br>Brasileira de<br>Serviços e<br>Infraestrutura | 2,914          |                    | 2,914          | 14,402             |                    | 14,402        | 18           |
| Transnordestina<br>Logística S.A (1)                                 | 247            | 459,762            | 460,009        | 714                |                    | 714           | 5,039        |
|                                                                      | <b>40,120</b>  | <b>459,762</b>     | <b>499,882</b> | <b>49,658</b>      |                    | <b>49,658</b> | <b>5,057</b> |
| <b>Other Related<br/>Parties</b>                                     |                |                    |                |                    |                    |               |              |
| CBS Previdência                                                      |                | 119,854            | 119,854        |                    | 28,004             | 28,004        |              |
| Fundação CSN                                                         | 1,829          |                    | 1,829          | 428                |                    | 428           |              |
| Banco Fibra (2)                                                      | 315,319        |                    | 315,319        | 10,560             |                    | 10,560        |              |
| Usiminas                                                             |                |                    |                | 537                |                    | 537           | 17,027       |
| Panatlântica (3)                                                     | 125,742        | 3,000              | 128,742        |                    |                    |               | 779,503      |
| Ibis                                                                 |                |                    |                |                    |                    |               |              |
| Participações e<br>Serviços                                          |                |                    |                |                    |                    |               | 47           |

|                                       |                |                |                  |               |               |               |                |
|---------------------------------------|----------------|----------------|------------------|---------------|---------------|---------------|----------------|
| Partifib Projetos Imobiliários        | 263            |                | 263              |               |               |               | 3,082          |
| Vicunha Imóveis Ltda.                 |                |                |                  | 79            |               | 79            |                |
| Vicunha Serviços Ltda.                |                |                |                  | 13            |               | 13            |                |
|                                       | <b>443,153</b> | <b>122,854</b> | <b>566,007</b>   | <b>11,617</b> | <b>28,004</b> | <b>39,621</b> | <b>799,659</b> |
| <b>Associates</b>                     |                |                |                  |               |               |               |                |
| Arvedi Metalfer do Brasil S.A.        | 5,330          | 49,218         | 54,548           | 275           |               | 275           | 31,020         |
| <b>Discontinued operation</b>         |                |                |                  |               |               |               |                |
| Cia Metalic Nordeste                  |                |                |                  |               |               |               | 43,250         |
| <b>Total at 12/31/2016</b>            | <b>488,603</b> | <b>631,834</b> | <b>1,120,437</b> | <b>61,550</b> | <b>28,004</b> | <b>89,554</b> | <b>878,992</b> |
| <b>Total at 12/31/2015 (Restated)</b> | <b>98,603</b>  | <b>516,667</b> | <b>615,270</b>   | <b>74,241</b> | <b>25,294</b> | <b>99,535</b> | <b>725,285</b> |

1. Transnordestina Logística S.A: Assets: Refers mainly to contracts in R\$: interest equivalent to 102.0% and 115.0% of CDI. On December 31, 2016, the borrowings carrying amounts totaled to R\$459,762 (R\$222,727 as of December 31, 2015).

2. Banco Fibra S.A: Assets: Refers to financial investments in CDB and Time deposit at market rate.

3. Panatlantica: Receivables from the sale of steel products.

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- **By transaction**

|                                                | <b>Current</b>    |                   | <b>Non-current</b> |                                | <b>Parent Company<br/>Total</b> |                                |
|------------------------------------------------|-------------------|-------------------|--------------------|--------------------------------|---------------------------------|--------------------------------|
|                                                | <b>12/31/2016</b> | <b>12/31/2015</b> | <b>12/31/2016</b>  | <b>12/31/2015<br/>Restated</b> | <b>12/31/2016</b>               | <b>12/31/2015<br/>Restated</b> |
| <b>Assets</b>                                  |                   |                   |                    |                                |                                 |                                |
| Trade receivables<br>(1) (note 7)              | 1,034,098         | 1,140,172         |                    |                                | 1,034,098                       | 1,140,172                      |
| Dividends<br>receivable (note 7)               | 873,473           | 737,668           |                    |                                | 873,473                         | 737,668                        |
| Actuarial asset<br>(note 9)                    |                   |                   | 109,106            | 112,660                        | 109,106                         | 112,660                        |
| Loans (note 9)                                 | 25,602            |                   | 375,716            | 239,930                        | 401,318                         | 239,930                        |
| Short-term<br>investments /<br>Investments (2) | 811,990           | 1,412,428         | 81,382             | 28,078                         | 893,372                         | 1,440,506                      |
| Exclusive funds<br>(note 9)                    |                   | 110,075           |                    |                                |                                 | 110,075                        |
| Other receivables<br>(3) (note 9)              | 132,384           | 32,479            | 311,414            | 303,441                        | 443,798                         | 335,920                        |
|                                                | <b>2,877,547</b>  | <b>3,432,822</b>  | <b>877,618</b>     | <b>684,109</b>                 | <b>3,755,165</b>                | <b>4,116,931</b>               |
| <b>Liabilities</b>                             |                   |                   |                    |                                |                                 |                                |
| <b>Borrowings and<br/>financing</b>            |                   |                   |                    |                                |                                 |                                |
| Prepayment (note<br>13)                        | 72,128            | 85,987            | 4,876,840          | 5,843,050                      | 4,948,968                       | 5,929,037                      |
| Fixed Rate Notes<br>(note 13)                  | 27,044            | 32,402            | 3,385,587          | 4,056,347                      | 3,412,631                       | 4,088,749                      |

|                                               |                   |                   |                   |                   |                   |                   |
|-----------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Intercompany Loans (note 13)                  | 149,654           | 1,261,861         | 2,719,420         | 2,137,040         | 2,869,074         | 3,398,901         |
|                                               | <b>248,826</b>    | <b>1,380,250</b>  | <b>10,981,847</b> | <b>12,036,437</b> | <b>11,230,673</b> | <b>13,416,687</b> |
| <b>Other payables (Note 15)</b>               |                   |                   |                   |                   |                   |                   |
| Trade payables (4)                            | 182,810           | 110,106           | 67,940            | 118,653           | 250,750           | 228,759           |
| Exclusive funds (2) (note 15)                 | 121               | 25,387            |                   |                   | 121               | 25,387            |
| Trade payables                                | 141,048           | 153,559           |                   |                   | 141,048           | 153,559           |
| Actuarial liabilities                         |                   |                   | 28,004            | 25,293            | 28,004            | 25,293            |
|                                               | <b>323,979</b>    | <b>289,052</b>    | <b>95,944</b>     | <b>143,946</b>    | <b>419,923</b>    | <b>432,998</b>    |
|                                               | <b>12/31/2016</b> | <b>12/31/2015</b> |                   |                   |                   |                   |
| <b>P&amp;L</b>                                |                   |                   |                   |                   |                   |                   |
| <b>Revenues</b>                               |                   |                   |                   |                   |                   |                   |
| Sales Others                                  | 3,050,152         | 5,852,639         |                   |                   |                   |                   |
| Interest (note 26)                            | 40,646            | 26,073            |                   |                   |                   |                   |
| Exclusive Funds (note 26)                     |                   | 812,079           |                   |                   |                   |                   |
| Foreing exchange and monetary variations, net | 2,325,086         |                   |                   |                   |                   |                   |
| <b>Expenses</b>                               |                   |                   |                   |                   |                   |                   |
| Purchases                                     | (1,474,921)       | (1,636,308)       |                   |                   |                   |                   |
| Interest (note 26)                            | (528,547)         | (983,541)         |                   |                   |                   |                   |
| Foreing exchange and monetary variations, net |                   | (3,780,650)       |                   |                   |                   |                   |
| Exclusive Funds (note 26)                     | (655,849)         |                   |                   |                   |                   |                   |
|                                               | <b>2,756,567</b>  | <b>290,292</b>    |                   |                   |                   |                   |

1. Accounts receivable derive from sales operations of goods and services between the parent company, subsidiaries and joint ventures.

2. Assets: Financial investments classified as current totaled to R\$ 811,990 as of December 31, 2016 (R\$1,412,428 at December 31, 2015) and the interests in Usiminas, classified as investments available for sale, located in non-current assets, amounted to R\$81,382 (R\$28,078 as of December 31, 2015).

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3. Current: Refers mainly to transfer of administrative expenses in the amount of R \$ 120,621.

Non-current: Refers mainly to advances for future capital increases, dividends to be received and receivables from acquisition of debentures.

4. Current: Refers mainly to commission and logistics expenses related to sale of steel to be resold by CSN LLC.

Non-current: Refers mainly to assignment of tax loss credits of income tax and social contribution related to FTL (Ferrovia Transnordestina Logistica)

- By company**

|                                 | Assets  |             |         | Liabilities |             |        | Sales/Other |
|---------------------------------|---------|-------------|---------|-------------|-------------|--------|-------------|
|                                 | Current | Non-current | Total   | Current     | Non-current | Total  |             |
| <b>Subsidiaries</b>             |         |             |         |             |             |        |             |
| Companhia Metalúrgica Prada (1) | 261,166 | 121,336     | 382,502 | 12,682      | 196         | 12,878 | 990,7       |
|                                 | 4,200   | 1,766       | 5,966   | 1,875       |             | 1,875  |             |



|                                              |                  |                |                  |                |                   |                   |                |
|----------------------------------------------|------------------|----------------|------------------|----------------|-------------------|-------------------|----------------|
| Estanho de Rondônia S.A. Sepetiba Tecon S.A. | 33,036           | 89,677         | 122,713          | 26,226         |                   | 26,226            |                |
| Minérios Nacional S.A.                       |                  | 11,096         | 11,096           |                |                   |                   |                |
| CSN Mineração S.A (2)                        | 955,575          |                | 955,575          | 52,074         |                   | 52,074            | 144,6          |
| CSN Energia S.A.                             | 4,332            |                | 4,332            | 20,638         |                   | 20,638            |                |
| Ferrovia Transnordestina Logística S.A.      |                  | 5,481          | 5,481            |                | 67,745            | 67,745            |                |
| Companhia Siderúrgica Nacional, LLC (3)      | 479,625          |                | 479,625          | 169,026        |                   | 169,026           | 798,7          |
| CSN Europe Lda.                              |                  |                |                  | 12,925         | 100,118           | 113,043           |                |
| CSN Resources S.A. (4)                       |                  |                |                  | 225,838        | 8,270,074         | 8,495,912         |                |
| Lusosider Aços Planos, S.A.                  | 157,923          |                | 157,923          | 158            |                   | 158               | 290,0          |
| CSN Islands XI Corp. (5)                     |                  |                |                  |                | 1,042,912         | 1,042,912         |                |
| CSN Islands XII Corp. (6)                    |                  |                |                  | 10,063         | 1,479,631         | 1,489,694         |                |
| CSN Ibéria Lda.                              |                  |                |                  |                | 89,111            | 89,111            |                |
| Companhia de Embalagens Metálicas MMSA       | 5,404            | 44,859         | 50,263           |                |                   |                   |                |
| Companhia Florestal do Brasil                |                  | 5,179          | 5,179            |                |                   |                   |                |
| Stahlwerk Thüringen GmbH                     |                  |                |                  | (267)          |                   | (267)             |                |
| CGPAR Construção Pesada S.A.                 | 5,219            |                | 5,219            |                |                   |                   |                |
| <b>Joint-venture and Joint - operation</b>   | <b>1,906,480</b> | <b>279,394</b> | <b>2,185,874</b> | <b>531,238</b> | <b>11,049,787</b> | <b>11,581,025</b> | <b>2,224,2</b> |
| ITA Energética S.A                           | 11,790           |                | 11,790           |                |                   |                   |                |
| MRS Logística S.A.                           | 18,484           |                | 18,484           | 21,564         |                   | 21,564            |                |
| CBSI - Companhia Brasileira de               | 722              |                | 722              | 8,553          |                   | 8,553             |                |

Serviços e  
Infraestrutura  
Transnordestina  
Logística S.A.

247 355,518 355,765

**31,243 355,518 386,761 30,117 30,117**

**Other related  
parties**

CBS Previdência 109,106 109,106 28,004 28,004

Fundação CSN 1,829 1,829 224 224

Banco Fibra 150,034 150,034 10,560 10,560

Usiminas 453 453

Panatlântica 125,742 3,000 128,742 779,5

Ibis

Participações e

Serviços

Ibis Agrária Ltda

Partifib Projetos

Imobiliários

Vicunha Imóveis

Ltda. 79 79

Vicunha

Serviços Ltda.

**277,868 112,106 389,974 11,329 28,004 39,333 782,6**

**Associates**

Arvedi Metalfer  
do Brasil S.A. 49,218 49,218

**Exclusive**

**Funds**

Diplic, Caixa

Vertice, VR1, BB 661,956 81,382 743,338 121 121

Steel

**Discontinued**

**Operation**

Cia Metalic

Nordeste

**Total at 43,2**

**12/31/2016**

**2,877,547 877,618 3,755,165 572,805 11,077,791 11,650,596 3,050,1**

**Total at**

**12/31/2015**

**3,432,822 684,109 4,116,931 1,669,302 12,180,383 13,849,685 5,852,6**

**(Restated)**

1. Companhia Metalurgica Prada refers mainly to accounts receivable and debentures from CBL amounting to R\$261,166 and 121,336, respectively, as of December 31, 2016.

2. CSN Mineração: Assets: Refers mainly to dividends declared by Namisa amounting to R\$694,080 and posteriorly assumed by CSN Mineração due to the merger on December 31, 2015, mandatory minimum dividends for 2016 in the amount of R\$128,238 and pass-through of administrative expenses of R\$120,621. Liabilities: Account payables related to purchases of iron ore and port services.

3. Companhia Siderurgica Nacional, LLC: On December 31, 2016 the carrying amounts of trade accounts receivable totaled R\$ 479,625 (R\$682,875 December 31, 2015), they are related to sale of steel to resellers.

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4. CSN Resources SA: Contracts in US dollars of Prepayment Fixed Rate Notes and Intercompany Bonds. On December 31, 2016, the loans amounted to R\$8,495,912 (R\$10,146,701 on December 31, 2015).

5. CSN Islands XI Corp.: Intercompany Contracts in US dollars. On December 31 2016, the loans amounted to R\$1,042,912 (R\$1,249,536 as of December 31, 2015).

6. CSN Islands XII Corp.: Refers mainly to pre-payment contracts and Intercompany contracts in US dollars. On December 31, 2016, the loans amounted to R\$1,489,631 (R\$1,784,417 on December 31, 2015).

**20.c) Other unconsolidated related parties**

- **CBS Previdência**

The Company is its main sponsor of CBS Previdência, a non-profit civil society established in July 1960, primarily engaged in the payment of benefits that supplement the official government Social Security benefits to participants. In its capacity as sponsor, CSN carries out transactions involving the payment of contributions and recognition of actuarial liabilities calculated in defined benefit plans, as detailed in note 28.

- **Fundação CSN**

Nowadays, the Company develops socially responsible policies concentrated in Fundação CSN, of which it is the founder. The transactions between the parties are related to the operational and financial support for Fundação CSN to conduct the social projects, developed mainly in the localities where the Company operates.

- **Banco Fibra**

Banco Fibra is under the control structure of Vicunha Siderurgia and the financial transactions carried out with this bank are mainly to movements in checking accounts and financial investments in fixed-income securities.

On December 29, 2016, the Company entered into a Private Instrument of Purchase and Sale of Credit without Co-obligation with Banco Fibra SA in the amount of R\$ 171,394, whereby CSN sold credits arising from commercial transactions with its customers, whose average term was 37 days.

- **Companies under the control of a member of the Company's management**

- Ibis Participações e Serviços Ltda.
- Ibis Agrária Ltda
- Partifib Projetos Imobiliários Ltda.
- Vicunha Imóveis Ltda.

- Vicunha Serviços Ltda.

## 20.d) Key management personnel

The key management personnel with authority and responsibility for planning, directing and controlling the Company's activities, include the members of the Board of Directors and statutory directors. The following is information on the compensation of such personnel and the related balances as of December 31, 2016.

|                                                | 12/31/2016    | P&L | 12/31/2015    |
|------------------------------------------------|---------------|-----|---------------|
| Short-term benefits for employees and officers | 71,852        |     | 47,578        |
| Post-employment benefits                       | 306           |     | 311           |
|                                                | <b>72,158</b> |     | <b>47,889</b> |

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The remuneration of key management personnel in 2016 includes payments of contracts with executives that were linked to parameters that were achieved mainly in the first quarter 2016.

## **21 SHAREHOLDERS' EQUITY**

### **21.a) Paid-in capital**

Fully subscribed and paid-in capital as of December 31, 2016 and December 31, 2015 is R\$4,540,000 comprising 1,387,524,047 book-entry common shares without par value. Each common share entitles its holder to one vote in Shareholders' Meetings.

### **21.b) Authorized capital**

The Company's bylaws in effect as of December 31, 2016 determine that the capital can be raised to up to 2,400,000,000 shares by decision of the Board of Directors.

### **21.c) Legal reserve**

This reserve is recognized at the rate of 5% of the profit for each period, as provided for by Article 193 of Law 6,404/76, up to the ceiling of 20% of share capital.

**21.d) Ownership structure**

As of December 31, 2016, the Company's ownership structure was as follows:

|                                                     | <b>12/31/2016</b>                      |                                  |                                    | <b>12/31/2015</b>                      |                                  |                                    |
|-----------------------------------------------------|----------------------------------------|----------------------------------|------------------------------------|----------------------------------------|----------------------------------|------------------------------------|
|                                                     | <b>Number of<br/>common<br/>shares</b> | <b>% of<br/>total<br/>shares</b> | <b>% of<br/>voting<br/>capital</b> | <b>Number of<br/>common<br/>shares</b> | <b>% of<br/>total<br/>shares</b> | <b>% of<br/>voting<br/>capital</b> |
| Vicunha Aços S.A.                                   | 682,855,454                            | 49.21%                           | 50.32%                             | 697,719,990                            | 50.29%                           | 51.41%                             |
| Rio Iaco Participações<br>S.A. (*)                  | 58,193,503                             | 4.19%                            | 4.29%                              | 58,193,503                             | 4.19%                            | 4.29%                              |
| CFL Participações<br>S.A. (*)                       | 3,977,536                              | 0.29%                            | 0.29%                              |                                        |                                  |                                    |
| Vicunha Textil S.A.<br>(*)                          | 4,927,000                              | 0.36%                            | 0.36%                              |                                        |                                  |                                    |
| Caixa Beneficente dos<br>Empregados da CSN<br>- CBS | 20,143,031                             | 1.45%                            | 1.48%                              | 20,143,031                             | 1.45%                            | 1.48%                              |
| BNDES Participações<br>S.A. – BNDESPAR              | 8,794,890                              | 0.63%                            | 0.65%                              | 8,794,890                              | 0.63%                            | 0.65%                              |
| NYSE (ADRs)                                         | 323,546,664                            | 23.32%                           | 23.84%                             | 336,435,464                            | 24.25%                           | 24.79%                             |
| BM&FBovespa                                         | 254,694,969                            | 18.36%                           | 18.77%                             | 235,846,169                            | 17.00%                           | 17.38%                             |
| <b>Total shares<br/>outstanding</b>                 | <b>1,357,133,047</b>                   | <b>97.81%</b>                    | <b>100.00%</b>                     | <b>1,357,133,047</b>                   | <b>97.81%</b>                    | <b>100.00%</b>                     |
| Treasury shares                                     | 30,391,000                             | 2.19%                            |                                    | 30,391,000                             | 2.19%                            |                                    |
| <b>Total shares</b>                                 | <b>1,387,524,047</b>                   | <b>100.00%</b>                   |                                    | <b>1,387,524,047</b>                   | <b>100.00%</b>                   |                                    |



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(\*) Controlling group companies.

**21.e) Treasury shares**

The Board of Directors authorized various share buyback programs in order to hold shares in treasury for subsequent disposal and/or cancelation with a view to maximizing the generation of value to the shareholder through an efficient capital structure management, as shown in the table below:

| <b>Program</b> | <b>Board's<br/>Authorization</b> | <b>Authorized<br/>quantity</b> | <b>Program<br/>period</b>            | <b>Average<br/>buyback<br/>price</b> | <b>Minimum and<br/>maximum buyback<br/>price</b> | <b>Number<br/>bought back</b> | <b>Share<br/>cancelati</b> |
|----------------|----------------------------------|--------------------------------|--------------------------------------|--------------------------------------|--------------------------------------------------|-------------------------------|----------------------------|
| 1º             | 3/13/2014                        | 70,205,661                     | From<br>3/14/2014<br>to<br>4/14/2014 | R\$ 9.34                             | R\$ 9.22 and R\$ 9.45                            | 2,350,000                     |                            |
| 2º             | 4/15/2014                        | 67,855,661                     | From<br>4/16/2014<br>to<br>5/23/2014 | R\$ 8.97                             | R\$ 8.70 and R\$ 9.48                            | 9,529,500                     |                            |
| 3º             | 5/23/2014                        | 58,326,161                     | From<br>5/26/2014<br>to<br>6/25/2014 | R\$ 9.21                             | R\$ 8.61 and R\$ 9.72                            | 31,544,500                    |                            |
| 4º             | 6/26/2014                        | 26,781,661                     | From<br>6/26/2014<br>to<br>7/17/2014 | R\$ 10.42                            | R\$ 9.33 and R\$ 11.54                           | 26,781,661                    |                            |

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|        |            |            |                              |                |                        |            |
|--------|------------|------------|------------------------------|----------------|------------------------|------------|
|        | 7/18/2014  |            |                              | Not applicable | Not applicable         | 60,000,000 |
| 5º     | 7/18/2014  | 64,205,661 | From 7/18/2014 to 8/18/2014  | R\$ 11.40      | R\$ 11.40              | 240,400    |
|        | 08/19/2014 |            |                              | Not applicable | Not applicable         | 10,446,061 |
| 6º     | 08/19/2014 | 63,161,055 | From 8/19/2014 to 9/25/2014  | R\$ 9.82       | R\$ 9.47 and R\$ 10.07 | 6,791,300  |
| 7º     | 9/29/2014  | 56,369,755 | From 9/29/2014 to 2/29/2014  | R\$ 7.49       | R\$ 4.48 and R\$ 9.16  | 21,758,600 |
| 8º     | 12/30/2014 | 34,611,155 | From 12/31/2014 to 3/31/2015 | R\$ 5.10       | R\$ 4.90 and R\$ 5.39  | 1,841,100  |
| 9º (*) | 03/31/2015 | 32,770,055 | From 4/01/2015 to 6/30/2015  |                |                        |            |

(\*) There were no share buyback in this program.

(1) In 2014 the Board of Directors approved the cancelation of 70,446,061 treasury shares without change in the Company's share capital.

As of December 31, 2016, the position of the treasury shares was as follows:

| Quantity purchased (Units) | Amount paid for the shares | Minimum  | Share price Maximum | Average  | Market price of the shares on 12/31/2016 (*) |
|----------------------------|----------------------------|----------|---------------------|----------|----------------------------------------------|
| 30,391,000                 | R\$ 238,976                | R\$ 4.48 | R\$ 10.07           | R\$ 7.86 | R\$ 325,184                                  |

(\*) Using the last share average quotation on BM&F Bovespa as of December 31, 2016 of R\$ 10.70 per share.

**21.f) Policy on investments and payment of interest on capital and dividends**

At a meeting held on December 11, 2000, the Board of Directors decided to adopt a profit distribution policy which, after compliance with the provisions in Law 6,404/76, as amended by Law 9,457/97, will entail the distribution of all the profit to the Company's shareholders, provided that the following priorities are observed, irrespective of their order: (i) carrying out the business strategy; (ii) fulfilling its obligations; (iii) making the required investments; and (iv) maintaining a healthy financial situation of the Company.

**21.g) Earnings/(loss) per share:**

Basic earnings per share were calculated based on the profit/loss attributable to the owners of CSN divided by the weighted average number of common shares outstanding during the year, excluding the common shares purchased and held as treasury shares, as follows:

|                                   | <b>12/31/2016</b>    | <b>Parent<br/>Company<br/>12/31/2015</b> |
|-----------------------------------|----------------------|------------------------------------------|
|                                   | <b>Common Shares</b> | <b>Restated</b>                          |
| <b>(Loss)/Profit for the year</b> |                      |                                          |
| Continued operations              | (925,186)            | (1,216,033)                              |
| Discontinued operations           | (9,561)              | 1,911                                    |
|                                   | <b>(934,747)</b>     | <b>(1,214,122)</b>                       |
| Weighted average number of shares | 1,357,133,047        | 1,357,150,010                            |
| <b>Basic and diluted EPS</b>      |                      |                                          |
| Continued operations              | (0.68172)            | (0.89602)                                |
| Discontinued operations           | (0.00704)            | 0.00141                                  |
|                                   | <b>(0.68876)</b>     | <b>(0.89461)</b>                         |



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The Company does not hold potential dilutable outstanding ordinary shares that could result in dilution of earnings per share.

## **22 PAYMENT TO SHAREHOLDERS**

The Company's Bylaws provide the distribution of 25% minimum dividends of adjusted net income under the law, to the shareholders. The dividends are calculated in accordance with the Company's Bylaws and in accordance with the Brazilian Corporate Law.

On March 11, 2015, the Board of Directors approved the proposal distribution of dividends the profit reserve account (statutory reserve of working capital), in the amount of R\$275,000, corresponding to R\$ 0.202633043 per share. Dividends were paid as of March 19, 2015, without monetary update.

The following table shows the history of deliberate and paid dividends:

| <b>Year</b> | <b>Approval<br/>Year</b> | <b>Dividends</b> | <b>Total</b> | <b>Year</b> | <b>Payment<br/>Year</b> | <b>Dividends</b> | <b>Total</b> |
|-------------|--------------------------|------------------|--------------|-------------|-------------------------|------------------|--------------|
| 2015        | 2015                     | 275,000          | 275,000      |             | 2015                    | 274,917          | 274,917      |
|             |                          |                  |              | 2015        | 2015                    | 274,918          | 274,918      |

|                       |                |                |                   |                |                |
|-----------------------|----------------|----------------|-------------------|----------------|----------------|
| 2016(*)               |                |                | 2016              |                |                |
|                       |                |                |                   | 53             |                |
| <b>Total approved</b> | <b>275,000</b> | <b>275,000</b> | <b>Total paid</b> | <b>549,888</b> | <b>549,835</b> |

(\*) There is no dividend deliberation on the year of 2016.

## 23 NET SALES REVENUE

Net sales revenue is comprised as follows:

|                              | 12/31/2016         | Consolidated<br>12/31/2015<br>Restated | 12/31/2016         | Parent Company<br>12/31/2015 |
|------------------------------|--------------------|----------------------------------------|--------------------|------------------------------|
| <b>Gross revenue</b>         |                    |                                        |                    |                              |
| Domestic market              | 10,206,195         | 10,212,748                             | 9,628,237          | 9,579,626                    |
| Foreign market               | 9,571,630          | 7,725,818                              | 1,733,999          | 4,581,429                    |
|                              | <b>19,777,825</b>  | <b>17,938,566</b>                      | <b>11,362,236</b>  | <b>14,161,055</b>            |
| <b>Deductions</b>            |                    |                                        |                    |                              |
| Canceled sales and discounts | (190,415)          | (297,957)                              | (147,456)          | (291,503)                    |
| Taxes on sales               | (2,438,461)        | (2,378,912)                            | (2,214,865)        | (2,151,183)                  |
|                              | <b>(2,628,876)</b> | <b>(2,676,869)</b>                     | <b>(2,362,321)</b> | <b>(2,442,686)</b>           |
| <b>Net revenue</b>           | <b>17,148,949</b>  | <b>15,261,697</b>                      | <b>8,999,915</b>   | <b>11,718,369</b>            |

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**1****24 EXPENSES BY NATURE**

|                                                         |                     | <b>Consolidated</b> |                    | <b>Parent</b>       |
|---------------------------------------------------------|---------------------|---------------------|--------------------|---------------------|
|                                                         |                     | <b>12/31/2015</b>   |                    | <b>Company</b>      |
|                                                         | <b>12/31/2016</b>   | <b>Restated</b>     | <b>12/31/2016</b>  | <b>12/31/2015</b>   |
| Raw materials and inputs                                | (4,518,718)         | (4,858,070)         | (3,556,098)        | (3,354,125)         |
| Labor cost                                              | (2,482,111)         | (1,887,735)         | (1,361,205)        | (1,569,791)         |
| Supplies                                                | (1,384,437)         | (1,095,576)         | (987,635)          | (1,061,557)         |
| Maintenance cost (services<br>and materials)            | (1,203,294)         | (1,069,404)         | (683,891)          | (1,020,110)         |
| Outsourcing services                                    | (3,492,520)         | (3,284,238)         | (1,014,438)        | (2,018,995)         |
| Depreciation, amortization and depletion<br>(note 11 a) | (1,278,816)         | (1,130,869)         | (596,443)          | (863,741)           |
| Others                                                  | (495,274)           | (314,730)           | (30,932)           | (306,978)           |
|                                                         | <b>(14,855,170)</b> | <b>(13,640,622)</b> | <b>(8,230,642)</b> | <b>(10,195,297)</b> |
| <b>Classified as:</b>                                   |                     |                     |                    |                     |
| Cost of sales                                           | (12,640,042)        | (11,740,101)        | (7,353,490)        | (9,137,528)         |
| Selling expenses                                        | (1,696,896)         | (1,430,189)         | (612,917)          | (683,516)           |
| General and administrative<br>expenses                  | (518,232)           | (470,332)           | (264,235)          | (374,253)           |
|                                                         | <b>(14,855,170)</b> | <b>(13,640,622)</b> | <b>(8,230,642)</b> | <b>(10,195,297)</b> |





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**1****25. OTHER OPERATING INCOME (EXPENSES)**

|                                                                                          | <b>12/31/2016</b> | <b>Consolidated<br/>12/31/2015<br/>Restated</b> | <b>12/31/2014</b> |
|------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------|-------------------|
| <b>Other operating income</b>                                                            |                   |                                                 |                   |
| Indemnities/gains on lawsuits                                                            | 26,871            | 5,189                                           | 3,871             |
| Rentals and leases                                                                       | 1,483             | 1,150                                           | 1,500             |
| Reversal of provisions                                                                   |                   | 5,020                                           |                   |
| Dividends received                                                                       | 567               | 5,794                                           | 5,794             |
| Untimely PIS/COFINS/ICMS credits                                                         | 203,504           | 234,287                                         | 194,000           |
| Contractual fines                                                                        | 2,501             | 2,200                                           | 1,500             |
| Gain on business combination (note 3)(*)                                                 | 66,496            | 3,297,499                                       | 66,496            |
| Actuarial pension plan                                                                   | 48,790            | 8,702                                           | 41,800            |
| Gain on sales of assets held for sale (note 4)                                           | 252,023           |                                                 | 252,023           |
| Other revenues                                                                           | 61,274            | 50,506                                          | 26,800            |
|                                                                                          | <b>663,509</b>    | <b>3,610,347</b>                                | <b>587,500</b>    |
| <b>Other operating expenses</b>                                                          |                   |                                                 |                   |
| Taxes and fees                                                                           | (88,249)          | (13,999)                                        | (5,700)           |
| Write-off/(Provision) of judicial deposits                                               | (64,886)          | (24,145)                                        | (47,200)          |
| Expenses with environmental liabilities, net                                             | (5,023)           | (41,697)                                        | (1,500)           |
| Expenses from tax, social securities, labor , civil and<br>environmental law suits       | (151,534)         | (273,890)                                       | (111,700)         |
| Contractual fines                                                                        | (16,624)          | (309)                                           | (15,600)          |
| Depreciation of paralyzed equipment and amortization of<br>intangible assets (note 11 a) | (43,681)          | (41,068)                                        |                   |
| Write-off of PPE and intangible assets (notes 11 and 12)                                 | (88,339)          | (6,466)                                         | (39,300)          |
| (Losses)/Reversals estimated in inventories                                              | (17,236)          | 1,154                                           | 8,000             |

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|                                                         |                    |                    |               |
|---------------------------------------------------------|--------------------|--------------------|---------------|
| Losses on spare parts                                   | (12,080)           | (55,790)           | (5,6          |
| Studies and project engineering expenses                | (31,156)           | (38,138)           | (29,6         |
| Research and development expenses                       | (2,269)            | (3,363)            | (2,2          |
| Advisory Expenses                                       | (20,865)           | (15,888)           | (20,8         |
| Healthcare plan expenses (note 28 f)                    | (80,489)           | (56,838)           | (80,4         |
| Impairment of available-for-sale financial assets       |                    | (555,298)          |               |
| REFIS effect - Law 11,941/09 and Law 12,865/13          |                    | (4,801)            |               |
| Reversals (Provision) industrial restructuring          | 96,390             | (122,854)          | 56,           |
| Cash flow hedge realized (note 14b)                     | (77,444)           | (11,439)           | (77,4         |
| Impairment of the Fair value Transnordestina (Note 10b) | (387,989)          |                    | (387,9        |
| Other expenses                                          | (85,256)           | (76,362)           | (4,8          |
|                                                         | <b>(1,076,730)</b> | <b>(1,341,191)</b> | <b>(771,9</b> |
| <b>Other operating income and (expenses),net</b>        | <b>(413,221)</b>   | <b>2,269,156</b>   | <b>(184,5</b> |

(\*) In 2016 refers to gain in valuation at the fair value of the participation before the acquisition in the amount of R\$41,118 and gain from bargain purchase in the amount of R\$25,378.

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1****26 FINANCE INCOME (EXPENSES)**

|                                                                   | <b>12/31/2016</b>  | <b>Consolidated<br/>12/31/2015<br/>Restated</b> | <b>12/31/2014</b> |
|-------------------------------------------------------------------|--------------------|-------------------------------------------------|-------------------|
| <b>Finance income</b>                                             |                    |                                                 |                   |
| Related parties (note 20 b)                                       | 60,964             | 65,084                                          | (1,908)           |
| Income from short-term investments                                | 301,401            | 212,826                                         | (1,908)           |
| Gain from derivative                                              | 5,829              | 870                                             | (1,908)           |
| Repurchase of debt securities                                     | 146,214            | 166,642                                         | (1,908)           |
| Other income (*)                                                  | 129,182            | 42,298                                          | (1,908)           |
|                                                                   | <b>643,590</b>     | <b>487,720</b>                                  | (7,632)           |
| <b>Finance expenses</b>                                           |                    |                                                 |                   |
| Borrowings and financing - foreign currency                       | (930,508)          | (938,047)                                       | (2,116,149)       |
| Borrowings and financing - local currency                         | (2,229,849)        | (2,116,149)                                     | (1,908)           |
| Related parties (Note 20b)                                        | (3,185)            | (1,333)                                         | (1,908)           |
| Capitalized interest (Note 11 and 32)                             | 215,794            | 166,366                                         | (1,908)           |
| Losses on derivatives                                             | (362)              | (4,956)                                         | (1,908)           |
| Interest, fines and late payment charges                          | (38,002)           | (20,511)                                        | (1,908)           |
| Comission and bank fees                                           | (155,249)          | (81,594)                                        | (1,908)           |
| PIS/COFINS over financial income                                  | (39,154)           | (23,699)                                        | (1,908)           |
| Other finance expenses (**)                                       | (102,450)          | (105,050)                                       | (1,908)           |
|                                                                   | <b>(3,282,965)</b> | <b>(3,124,973)</b>                              | (3,908)           |
| <b>Inflation adjustment and exchange differences, net</b>         |                    |                                                 |                   |
| Inflation adjustments, net                                        | 7,865              | 44,422                                          | (1,908)           |
| Exchange rates, net                                               | 921,310            | (1,618,659)                                     | (1,908)           |
| Exchange gain (losses) on derivatives                             | (812,227)          | 846,328                                         | (1,908)           |
|                                                                   | <b>116,948</b>     | <b>(727,909)</b>                                | (2,724)           |
| <b>Finance income (expenses),net</b>                              | <b>(2,522,427)</b> | <b>(3,365,162)</b>                              | (1,908)           |
| <b>Statement of gains and (losses) on derivative transactions</b> |                    |                                                 |                   |
| Dollar-to-CDI swap                                                |                    | (18)                                            | (1,908)           |
| Dollar - to - real NDF                                            |                    | 785,702                                         | (1,908)           |

|                            |                  |                |
|----------------------------|------------------|----------------|
| Future Dollar BM&F         | (805,760)        | 25,381         |
| Dollar - to - euro NDF     |                  | 39,668         |
| Dollar - to - euro swap    | (6,467)          | (4,405)        |
|                            | <b>(812,227)</b> | <b>846,328</b> |
| Fixed rate - to - CDI swap | (299)            | (4,956)        |
| CDI - to - fixed rate swap | (63)             | 870            |
| Future DI                  | 5,829            |                |
|                            | <b>5,467</b>     | <b>(4,086)</b> |
|                            | <b>(806,760)</b> | <b>842,242</b> |

(\*) Refers substantially to discounts obtained, updating of tax credits and gain on repurchase of debt securities.

(\*\*) Refers substantially to discounts granted, IOF (tax on financial transactions) and provision for IRRF (Corporate Income Tax) / CSLL (Social Contribution on Profit).

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## **27 SEGMENT INFORMATION**

According to the Group's structure, the businesses are distributed and managed in five operating segments as follows:

- **Steel**

The Steel Segment consolidates all the operations related to the production, distribution and sale of flat steel, long steel, metallic containers and galvanized steel, with operations in Brazil, United States, Portugal and Germany. The Segment supplies the following markets: construction, steel containers for the Brazilian chemical and food industries, home appliances, automobile and OEM (motors and compressors). The Company's steel units produce hot and cold rolled steel, galvanized and pre-painted steel of great durability. They also produce tinplate, a raw material used to produce metallic containers.

Overseas, Lusosider, which is based in Portugal, also produces metal sheets, as well as galvanized steel. CSN LLC in the U.S.A. meets local market needs by supplying cold rolled and galvanized steel. In January 2012, CSN acquired Stahlwerk Thüringen (SWT), a manufacturer of long steel located in Unterwellenborn, Germany. SWT is specialized in the production of shapes used for construction and has an installed production capacity of 1.1 million metric tons of steel/year.

In January 2014 the production of long steel products started with a capacity of 500,000 metric tons per year, which will consolidate the company as a source of complete construction solutions, complementing its portfolio of products with high value added in the steel chain.

- **Mining**

This segment encompasses the activities of iron ore and tin mining.

The high quality iron ore operations are located in the Iron Quadrilateral in MG, the Casa de Pedra mine in Congonhas, MG, as well as CSN Mineração S.A., which has its own mines and sells third party iron ore.

At the end of 2015, CSN and the Asian Consortium formalized a shareholders' agreement for the combination of assets linked to iron ore operations and the related logistics structure, forming a new company that has focused in mining of the Group activities from December 2015. In this context, the new company, called CSN Mineração S.A., holds the TECAR arraignment, the Casa de Pedra mine and all the shares of Namisa, which was incorporated on December 31, 2015.

Moreover, CSN controls a Estanho de Rondônia S.A. company mining units and tin casting.

- **Logistics**

- i. Railroad**

CSN has equity interests in three railroad companies: MRS Logística, which manages the former Southeast Network of Rede Ferroviária Federal S.A. (RFFSA), Transnordestina Logística S.A. and FTL - Ferrovia Transnordestina Logística S.A., which operate the former Northeast Network of the RFFSA in the states of Maranhão, Piauí, Ceará, Rio Grande do Norte, Paraíba, Pernambuco and Alagoas.

- a) MRS**

The railroad transportation services provided by MRS are fundamental to the supply of raw materials and the shipment of final products. The total amount of iron ore, coal and coke consumed by the Presidente Vargas Mill as well as part of the steel produced by CSN for the domestic market and for export are carried by MRS.

The Southeast Brazilian railroad system, encompassing 1,674 kilometers of tracks, serves the tri-state industrial area of São Paulo-Rio de Janeiro-Minas Gerais, linking the mines located in Minas Gerais to the ports located in São Paulo and Rio de Janeiro, and the steel mills of CSN, Companhia Siderúrgica Paulista, or Cosipa, and Gerdau Açominas. Besides serving other customers, the railroad system carries iron ore from the Company's mines in Casa de Pedra, Minas Gerais, and coke and coal from the Itaguaí Port, in Rio de Janeiro, to Volta Redonda, and carries CSN's export products to the ports of Itaguaí and Rio de Janeiro. Its volumes of cargo carried account for approximately 28% of the total volume carried by the Southeast railroad system.

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**b) TLSA and FTL**

TLSA and FTL hold the concession of the former RFFSA's Northeast Network. The Northeast Network totals 4,238 km, divided into two sections: i) Network I, which comprises the São Luiz–Mucuripe, Arrojado–Recife, Itabaiana–Cabedelo, Paula Cavalcante–Macau–Recife, and Propriá–Jorge Lins (Network I) sections, whose concession goes until 2027, held by FTL; and ii) Network II, which comprises the Missão Velha–Salgueiro, Salgueiro–Trindade, Trindade–Eliseu Martins, Salgueiro–Porto de Suape, and Missão Velha–Porto de Pecém sections, whose concession goes until 2057 or until the return of the investment adjusted by 6.75% of the sections, held by TLSA.

The Network links up with the main ports in the region, offering an important competitive advantage by means of opportunities for combined transportation solutions and logistics projects tailored to customer needs.

**II. Port Logistics**

The Port Logistics Segment consolidates the operation of the terminal built during the post-privatization period of the ports, Sepetiba Tecon. The Sepetiba terminal features complete infrastructure to meet all the needs of exporters, importers and ship owners. Its installed capacity exceeds that of most other Brazilian terminals. It has excellent depths of 14.5 meters in the mooring berths and a huge storage area, as well as the most modern and appropriate equipment, systems and intermodal connections.



The Company's constant investment in projects in the terminals consolidates the Itaguaí Port Complex as one of the most modern in Brazil, at present with capacity for handling 440 thousand containers and 30 million metric tons per year of bulk cargo.

- **Energy**

CSN is one of the largest industrial consumers of electric power in Brazil. As energy is fundamental in its production process, the Company invests in assets for generation of electric power to guarantee its self-sufficiency. These assets are as follows: Itá hydroelectric power plant, in the State of Santa Catarina, with rated capacity of 1,450 MW, where CSN has a share of 29.5%; Igarapava hydroelectric power plant, Minas Gerais, with rated capacity of 210 MW, in which CSN holds 17.9% of the capital; and a thermoelectric co-generation Central unit with rated capacity of 238 MW, which has been operating at the UPV since 1999. For fuel the Central Unit uses the residual gases produced by the steel mill itself. Through these three power generation assets, CSN obtains total rated capacity of 430 MW.

- **Cement**

The cement division consolidates the cement production, distribution and sale operations, which use the slag produced by the Volta Redonda plant's blast furnaces. In 2011, the clinker used in cement production was acquired from third parties; however, at the end that year, with the completion of the first stage of the Arcos Clinker plant, MG, this plant already supplied the milling needs of cement production plant, in Volta Redonda/ RJ.

In the second half of 2016, the Company started the operation of a new clinker kiln in Arcos, where the Company already operates a clinker kiln using its limestone of a company-owned mine and two cement mills.

The information presented to Management regarding the performance of each business segment is generally derived directly from the accounting records, combined with some intercompany allocations.

- **Sales by geographic area**

Sales by geographic area are determined based on the customers' location. On a consolidated basis, domestic sales are represented by revenues from customers located in Brazil and export sales are represented by revenues from customers located abroad.



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- Profit per segment**

Beginning 2013, the Company no longer proportionately consolidates joint ventures MRS and CBSI. For segment information preparation and presentation purposes, Management decided to maintain the proportionate consolidation of the joint ventures, as historically presented. For consolidated profit reconciliation purposes, the amounts of these companies were eliminated in the column “Corporate expenses/elimination”.

From the 2015, after the combination of mining assets (Casa de Pedra, Namisa and Tecar), the consolidated results shall consider all of this new company.

| <b>P&amp;L</b>                              | <b>Steel</b>      | <b>Mining</b>    | <b>Logistics<br/>Port</b> | <b>Railroads</b> | <b>Energy</b>  | <b>Cement</b> |
|---------------------------------------------|-------------------|------------------|---------------------------|------------------|----------------|---------------|
| Metric tons<br>(Thou.) -<br>(unaudited) (*) |                   |                  |                           |                  |                |               |
| Net revenues                                |                   |                  |                           |                  |                |               |
| Domestic<br>market                          | 4,857,174         | 36,983,297       |                           |                  |                | 2,814         |
| Foreign<br>market                           | 6,980,087         | 542,028          | 207,722                   | 1,319,907        | 269,095        | 490           |
| <b>Total Net<br/>Revenue<br/>(note 23)</b>  | <b>11,515,908</b> | <b>4,581,903</b> | <b>207,722</b>            | <b>1,319,907</b> | <b>269,095</b> | <b>490</b>    |
|                                             | (9,393,237)       | (3,099,236)      | (141,542)                 | (914,361)        | (195,994)      | (467)         |

|                                        |                   |                  |                |                  |                |                |
|----------------------------------------|-------------------|------------------|----------------|------------------|----------------|----------------|
| Cost of sales and services             |                   |                  |                |                  |                |                |
| <b>Gross profit</b>                    | <b>2,122,671</b>  | <b>1,482,667</b> | <b>66,180</b>  | <b>405,546</b>   | <b>73,101</b>  | <b>23,100</b>  |
| General and administrative expenses    | (914,927)         | (185,149)        | (25,180)       | (83,020)         | (25,196)       | (74,000)       |
| Depreciation (note 11 a)               | 679,074           | 461,287          | 13,430         | 227,792          | 17,140         | 73,000         |
| Proportionate EBITDA of joint ventures |                   |                  |                |                  |                |                |
| <b>Adjusted EBITDA</b>                 | <b>1,886,818</b>  | <b>1,758,805</b> | <b>54,430</b>  | <b>550,318</b>   | <b>65,045</b>  | <b>22,100</b>  |
| <b>Sales by geographic area</b>        |                   |                  |                |                  |                |                |
| Asia                                   | 30,815            | 3,519,713        |                |                  |                |                |
| North America                          | 1,891,865         |                  |                |                  |                |                |
| Latin America                          | 259,640           |                  |                |                  |                |                |
| Europe                                 | 2,324,580         | 434,378          |                |                  |                |                |
| Others                                 | 28,921            | 85,784           |                |                  |                |                |
| <b>Foreign market</b>                  | <b>4,535,821</b>  | <b>4,039,875</b> |                |                  |                |                |
| <b>Domestic market</b>                 | <b>6,980,087</b>  | <b>542,028</b>   | <b>207,722</b> | <b>1,319,907</b> | <b>269,095</b> | <b>490,000</b> |
| <b>Total</b>                           | <b>11,515,908</b> | <b>4,581,903</b> | <b>207,722</b> | <b>1,319,907</b> | <b>269,095</b> | <b>490,000</b> |

| <b>P&amp;L</b>                        | <b>Steel</b>      | <b>Mining</b>    | <b>Logistics Port</b> | <b>Railroads</b> | <b>Energy</b>  | <b>Cement</b> |
|---------------------------------------|-------------------|------------------|-----------------------|------------------|----------------|---------------|
| Metric tons (Thou.) - (unaudited) (*) |                   |                  |                       |                  |                |               |
| Net revenues                          |                   |                  |                       |                  |                |               |
| Domestic market                       | 6,757,186         | 175,223          | 212,729               | 1,156,933        | 244,549        | 43,000        |
| Foreign market                        | 4,445,813         | 3,012,027        |                       |                  |                |               |
| <b>Total Net Revenue (note 23)</b>    | <b>11,202,999</b> | <b>3,187,250</b> | <b>212,729</b>        | <b>1,156,933</b> | <b>244,549</b> | <b>43,000</b> |
| Cost of sales and services            | (9,126,889)       | (2,323,687)      | (141,809)             | (788,046)        | (195,644)      | (330,000)     |
| <b>Gross profit</b>                   | <b>2,076,110</b>  | <b>863,563</b>   | <b>70,920</b>         | <b>368,887</b>   | <b>48,905</b>  | <b>10,000</b> |
| General and administrative expenses   | (955,247)         | (69,602)         | (20,473)              | (89,678)         | (23,186)       | (72,000)      |
| Depreciation (note 11 a)              | 670,496           | 377,344          | 12,777                | 189,361          | 17,073         | 40,000        |

Proportionate  
EBITDA of  
joint ventures

**Adjusted  
EBITDA**

**1,791,359**

**1,171,305**

**63,224**

**468,570**

**42,792**

**73**

**Sales by  
geographic  
area**

Asia 16,980

2,836,505

North America 1,901,989

Latin America 376,458

42,730

Europe 2,104,944

132,792

Others 45,442

**Foreign**

**4,445,813**

**3,012,027**

**Domestic  
market**

**6,757,186**

**175,223**

**212,729**

**1,156,933**

**244,549**

**43**

**Total**

**11,202,999**

**3,187,250**

**212,729**

**1,156,933**

**244,549**

**43**

(\*) The ore sales volumes presented in this note take into consideration Company sales and the interest in its subsidiaries and joint ventures (In 2015, Namisa 60%)

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- **Adjusted EBITDA**

Adjusted EBITDA is the measurement based on which the chief operating decision maker assesses the segment performance and the capacity to generate recurring operating cash, consisting of profit for the year less net finance income (costs), income tax and social contribution, depreciation and amortization, equity in results of affiliated companies, results of discontinued operations and other operating income (expenses), plus the proportionate EBITDA of joint ventures.

Even though it is an indicator used in segment performance measurement, EBITDA is not a measurement recognized by accounting practices adopted in Brazil or IFRS, it does not have a standard definition, and may not be comparable with measurements using similar names provided by other entities.

As required by IFRS 8, the table below shows the reconciliation of the measurement used by the chief operating decision maker with the results determined using the accounting practices:

|                                                 | <b>12/31/2016</b> | <b>Consolidated<br/>12/31/2015</b> |
|-------------------------------------------------|-------------------|------------------------------------|
|                                                 |                   | <b>Restated</b>                    |
| (Loss)/Profit for the year                      | (853,058)         | (1,215,964)                        |
| Result from Discontinued Operations             | 9,561             | (1,911)                            |
| Depreciation/amortization/depletion (note 11 a) | 1,278,816         | 1,130,869                          |
| Income tax and social contribution (note 16)    | 266,546           | 2,903,216                          |
| Finance income (expenses) (note 26)             | 2,522,427         | 3,365,162                          |

|                                             |                  |                  |
|---------------------------------------------|------------------|------------------|
| <b>EBITDA</b>                               | <b>3,224,292</b> | <b>6,181,372</b> |
| Other operating income (expenses) (note 25) | 413,122          | (2,269,156)      |
| Equity in results of affiliated companies   | (64,918)         | (1,160,272)      |
| Proportionate EBITDA of joint ventures      | 502,345          | 499,475          |
| <b>Adjusted EBITDA (*)</b>                  | <b>4,074,940</b> | <b>3,251,419</b> |

(\*) The Company discloses its adjusted EBITDA net of its share of investments and other operating income (expenses) because it understands that these should not be included in the calculation of recurring operating cash generation.

## 28 EMPLOYEE BENEFITS

The pension plans granted by the Company cover substantially all employees. The plans are administered by Caixa Beneficente dos Empregados da CSN ("CBS"), a private non-profit pension fund established in July 1960 which has as members the employees (and former employees) of the Company and some subsidiaries who joined the fund through an agreement, and the employees of CBS itself. The Executive Officers of CBS is formed by a CEO and two other executive officers, all appointed by CSN, which is the main sponsor of CBS. The Decision-Making Board is the higher decision-making and guideline-setting body of CBS, presided over by the president of the pension fund and made up of ten members, six chosen by CSN, and four elected by the fund's participants.

Until December 1995, CBS Previdência administered two defined benefit plans based on years of service, salary and Social Security benefits. On December 27, 1995 the then Private Pension Secretariat ("SPC") approved the implementation of a new benefit plan, effective beginning that date, called Mixed Supplementary Benefit Plan ("Mixed Plan"), structured in the form of a variable contribution plan. Employees hired after that date can only join the new Mixed Plan. In addition, all active employees who were participants of the former defined benefit plans had the opportunity to switch to the new Mixed Plan.

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As of December 31, 2016 CBS had 34,051 participants (33,065 as of December 31, 2015), of whom 19,442 were active contributors (18,430 as of December 31, 2015), 13,783 were retired employees (13,965 as of December 31, 2015), and 826 were related beneficiaries (670 as of December 31, 2015). Out of the total participants as of December 31, 2016, 11,751 belonged to the defined benefit plan, 13,735 to the mixed plan, 1,285 to the CBSPrev Namisa plan, and 7,280 to the CBSPrev plan.

The plan assets of CBS are primarily invested in repurchase agreements (backed by federal government securities), federal government securities indexed to inflation, shares, loans and real estate. As of December 31, 2016 and 2015 CBS held 20,143,031 common shares of CSN. The total plan assets of the entity amounted to R\$5.0 billion as of December 31, 2015 (R\$4.5 billion as of December 31, 2015). The administrators of the CBS funds seek to match plan assets with benefit obligations payable on a long-term basis. Pension funds in Brazil are subject to certain restrictions regarding their capacity for investment in foreign assets and, therefore, these funds invest mainly in Brazilian securities.

Plan Assets are all available assets and the benefit plans' investments, not including the amounts of debts to sponsors.

For the defined benefit plans, called "35% of the average salary" and "average salary supplementation plan", the Company holds a financial guarantee with CBS Previdência, the entity that administers said plans, to ensure their financial and actuarial balance, in the event of any future actuarial loss or actuarial gain.

As provided for in the prevailing law that governs the pension fund market, for the years ended December 31, 2016 and 2015, CSN did not have to pay the installments because the defined benefit plans posted actuarial gains for the period.

**28.a) Description of the pension plans**



**Plan covering 35% of the average salary**

This plan began on February 1, 1966 and is a defined benefit plan aimed at paying pensions (for length of service, special situations, disability or old age) on a lifetime basis, equivalent to 35% of the adjusted average of the participant's salary for the last 12 months. The plan also guarantees sick pay to participants on Official Social Security leaves of absence and further ensures payments of savings fund, funeral allowance and pecuniary aid. This plan was discontinued on October 31, 1977 when the new supplementary plan based on average salary took effect.

**Average salary supplementation plan**

This plan began on November 1, 1977 and is a defined benefit plan aimed at complementing the difference between the adjusted average of the participant's salary for the last 12 months and the Official Social Security benefit for retirement, also on a lifetime basis. As in the 35% plan, there is coverage for the benefits of sick pay, death and pension. This plan was discontinued on December 26, 1995 with the creation of the mixed supplementary benefit plan.

**Mixed supplementary benefit plan**

This plan began on December 27, 1995 and is a variable contribution plan. Besides the scheduled retirement benefit, it also covers the payment of risk benefits (pension paid while the participant is still working, disability compensation and sick/accident pay). Under this plan, the retirement benefit is calculated based on the amount accumulated by the monthly contributions of the participants and sponsors, as well as on each participant's option for the manner in which they receive them, which can be lifetime (with or without continuity of pension for death) or through a percentage applied to the balance of the benefit-generating fund (loss for indefinite period). After retirement is granted, the plan takes on the characteristics of a defined benefit plan if the participant has chosen to receive his benefit in the form of monthly income for life. This plan was discontinued on September 16, 2013 when the CBS Prev plan became effective.

**CBS Prev Plan**



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The new CBS Prev Plan, which is a defined contribution plan, started on September 16, 2013. Under this plan, the retirement benefit is determined based on the accumulated amount by monthly contributions of participants and sponsors. To receive the benefit, each participant can opt for: (a) receiving part in cash (up to 25%) and the remaining balance through a monthly income through a percentage applied to the benefit-generating fund, not being applicable to death pension benefits, or (b) receive only a monthly income through a percentage applied to the benefit-generating fund.

With the creation of the CBS Prev Plan, the mixed supplementary benefit plan was discontinued for the entry of new participants as from September 16, 2013.

**CBSPREV Namisa Plan**

It is a Defined Contribution plan with benefits of risks during the activity (projection of the balances in case of disability or death and sickness / accident allowed). It has been in operation since January 6, 2012, when it was created exclusively for the employees of Nacional Minérios S.A. After the corporate reorganization, which took place in 2016, other Sponsors joined this Plan, among them CSN Mineração S.A.

Under this plan, all the benefits offered are calculated based on the accumulated amount from the monthly contributions of participants and sponsors, and are paid through a percentage applied to the balance of the benefit generating fund. The CBSPREV Namisa Plan is open for new entrants, but a request for analysis to close the plan is underway at Previc.

**28.b) Investment policy**

The investment policy establishes the principles and guidelines that will govern the investments of funds entrusted to the entity, in order to foster the security, liquidity and profitability required to ensure equilibrium between the plan's assets and liabilities based on an ALM (Asset Liability Management) study that takes into consideration the benefits of participants and beneficiaries for each plan.

The investment plan is reviewed annually and approved by the Decision-Making Board considering a five-year horizon, as established by resolution CGPC 7 of December 4, 2003. The investment limits and criteria established in the policy are based on Resolution 3,792/09 published by the National Monetary Council ("CMN").

### 28.c) Employee benefits

The actuarial calculations are updated at the end of each annual reporting period by outside actuaries and presented in the financial statements pursuant to CPC33(R1)/IAS19 - Employee Benefits.

|                                     | 12/31/2016       | 12/31/2015       | 12/31/2016            | Consolidated<br>12/31/2015 |
|-------------------------------------|------------------|------------------|-----------------------|----------------------------|
|                                     | Actuarial asset  |                  | Actuarial liabilities |                            |
| Pension plan benefits               | (119,854)        | (114,433)        | 28,004                | 25,294                     |
| Post-employment healthcare benefits |                  |                  | 691,262               | 489,074                    |
|                                     | <b>(119,854)</b> | <b>(114,433)</b> | <b>719,266</b>        | <b>514,368</b>             |

|                                     | 12/31/2016       | 12/31/2015       | 12/31/2016            | Parent Company<br>12/31/2015 |
|-------------------------------------|------------------|------------------|-----------------------|------------------------------|
|                                     | Actuarial asset  |                  | Actuarial liabilities |                              |
| Pension plan benefits               | (109,106)        | (112,660)        | 28,004                | 25,294                       |
| Post-employment healthcare benefits |                  |                  | 691,262               | 489,074                      |
|                                     | <b>(109,106)</b> | <b>(112,660)</b> | <b>719,266</b>        | <b>514,368</b>               |

The reconciliation of employee benefits' assets and liabilities is as follows:

|                                             | 12/31/2016       | 12/31/2015       |
|---------------------------------------------|------------------|------------------|
| Present value of defined benefit obligation | 2,872,442        | 2,430,381        |
| Fair value of plan assets                   | (3,193,493)      | (2,684,736)      |
| <b>Deficit/(Surplus)</b>                    | <b>(321,051)</b> | <b>(254,355)</b> |

|                                                                 |                 |                 |
|-----------------------------------------------------------------|-----------------|-----------------|
| Restriction to actuarial assets due to recovery limitation      | 229,201         | 165,216         |
| <b>Liabilities/(Assets), net</b>                                | <b>(91,850)</b> | <b>(89,139)</b> |
| Liabilities                                                     | 28,004          | 25,294          |
| Assets                                                          | (119,854)       | (114,433)       |
| <b>Liabilities(assets) recognized in the balance sheet, net</b> | <b>(91,850)</b> | <b>(89,139)</b> |

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The movement in the present value of the defined benefit obligation during 2016 is as follows:

|                                                                  | <b>12/31/2016</b> | <b>12/31/2015</b> |
|------------------------------------------------------------------|-------------------|-------------------|
| <b>Present value of obligations at the beginning of the year</b> | <b>2,430,381</b>  | <b>2,508,441</b>  |
| Cost of service                                                  | 1,244             | 1,807             |
| Interest cost                                                    | 311,361           | 293,533           |
| Benefits paid                                                    | (264,287)         | (235,541)         |
| Actuarial loss/ (gain)                                           | 393,743           | (137,859)         |
| <b>Present value of obligations at the end of the year</b>       | <b>2,872,442</b>  | <b>2,430,381</b>  |

The movement in the fair value of the plan assets during 2016 is as follows:

|                                                               | <b>12/31/2016</b>  | <b>12/31/2015</b>  |
|---------------------------------------------------------------|--------------------|--------------------|
| <b>Fair value of plan assets at the beginning of the year</b> | <b>(2,684,736)</b> | <b>(2,745,834)</b> |
| interest income                                               | (345,521)          | (322,460)          |
| Benefits paid                                                 | 264,287            | 235,830            |
| Expected return on plan assets (excluding interest income)    | (427,523)          | 147,728            |
| <b>Fair value of plan assets at the end of the year</b>       | <b>(3,193,493)</b> | <b>(2,684,736)</b> |

The amounts recognized in the income statement for the year ended December 31, 2016 and 2015 are comprised as follows:

|                         | <b>12/31/2016</b> | <b>12/31/2015</b> |
|-------------------------|-------------------|-------------------|
| Cost of current service | 1,244             | 1,807             |
| Interest cost           | 311,361           | 293,533           |

|                                                        |                 |                |
|--------------------------------------------------------|-----------------|----------------|
| Expected return on plan assets                         | (345,521)       | (322,460)      |
| Interest on the asset ceiling effect                   | 22,189          | 18,422         |
|                                                        | <b>(10,727)</b> | <b>(8,698)</b> |
| Total unrecognized cost/ (income) (*)                  | 7               | 4              |
| Total cost/(income) recognized in the income statement | (10,734)        | (8,702)        |
| <b>Total cost (income), net (*)</b>                    | <b>(10,727)</b> | <b>(8,698)</b> |

(\*) Effect of the limit of paragraph 58 (b) of CPC33 (R1)/IAS19 - Employee *Benefits*.

The cost/(income) is recognized in the income statement in other operating expenses.

The movement in the actuarial gains and losses in 2016 is as follows:

|                                                                       | <b>12/31/2016</b> | <b>12/31/2015</b> |
|-----------------------------------------------------------------------|-------------------|-------------------|
| Actuarial losses and (gains)                                          | <b>393,743</b>    | <b>(137,859)</b>  |
| Return on plan assets (excluding interest income)                     | (427,523)         | 147,728           |
| Change in the asset's limit (excluding the interest revenue)          | 41,796            | (4,208)           |
|                                                                       | <b>8,016</b>      | <b>5,661</b>      |
| Actuarial losses and (gains) recognized in other comprehensive income | 8,023             | 5,665             |
| Unrecognized actuarial (gains)                                        | (7)               | (4)               |
| <b>Total cost of actuarial losses and (gains) (*)</b>                 | <b>8,016</b>      | <b>5,661</b>      |

(\*) Actuarial loss results from the fluctuation in the investments comprised in the CBS's asset portfolio.

Breakdown of actuarial gains or losses, according paragraph 141 of CPC33(R1)/IAS19:

|                                                              | <b>12/31/2016</b> |
|--------------------------------------------------------------|-------------------|
| (Gain)/Loss due to change in demographic assumptions         | 9,131             |
| (Gain)/Loss due to change in financial assumptions           | 331,280           |
| (Gain)/Loss due to experience adjustments                    | 53,332            |
| Return on plan assets (excluding interest income)            | (427,523)         |
| Change in the asset's limit (excluding the interest revenue) | 41,796            |
| Actuarial losses and (gains)                                 | <b>8,016</b>      |

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The main actuarial assumptions used were as follows:

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| Actuarial financing method       | Projected unit credit                                                                 |
| Functional currency              | Real (R\$)                                                                            |
| Recognition of plan assets       | Fair value                                                                            |
| Nominal discount rate            | Millennium plan: 11.68%                                                               |
|                                  | Plan 35% and Supplementation: 11.72%                                                  |
| Inflation rate                   | 5.50%                                                                                 |
| Nominal salary increase rate     | 6.56%                                                                                 |
| Nominal benefit increase rate    | 5.50%                                                                                 |
| Rate of return on investments    | Millennium plan: 11.68%                                                               |
|                                  | Plan 35% and Supplementation: 11.72%                                                  |
| General mortality table          | 35% and average Salary Supplementation Plans: AT 2000 segregated by gender (          |
| Disability table                 | Light Median                                                                          |
| Disability mortality table       | Winklevoss - 1%                                                                       |
| Turnover table                   | Millennium plan 5% p.a., nil for DB plans                                             |
| Retirement age                   | 100% on the first date he/she becomes eligible for programmed retirement benefit      |
| Household of active participants | 95% will be married at the time of retirement, with the wife being 4 years younger th |

The assumptions related to the mortality table are based on published statistics and mortality tables. These tables represent an average life expectancy in years of employees who retire at the age of 65, as shown below:



|                                                                   | 12/31/2016  |                  | 12/31/2015  |                  |
|-------------------------------------------------------------------|-------------|------------------|-------------|------------------|
|                                                                   | BD Plan (*) | Milênio Plan (*) | BD Plan (*) | Milênio Plan (*) |
| <b>Longevity at age of 65 for current participants</b>            |             |                  |             |                  |
| Male                                                              | 20.45       | 19.55            | 20.45       | 19.55            |
| Female                                                            | 23.02       | 22.17            | 23.02       | 22.17            |
| <b>Longevity at age of 65 for current participants who are 40</b> |             |                  |             |                  |
| Male                                                              | 42.69       | 41.59            | 42.69       | 41.59            |
| Female                                                            | 46.29       | 45.30            | 46.29       | 45.30            |

(\*) The BD Plan is part of the 35% and Average Salary Supplementation Plan and the Milênio Plan is part of the Mixed Supplementary Benefit Plan.

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Allocation of plan assets:

|                 |                  | <b>12/31/2016</b> |                  | <b>12/31/2015</b> |
|-----------------|------------------|-------------------|------------------|-------------------|
| Variable income | 62,904           | 1.97%             | 25,801           | 0.96%             |
| Fixed income    | 2,966,272        | 92.88%            | 2,492,324        | 92.83%            |
| Real estate     | 42,383           | 1.33%             | 124,306          | 4.63%             |
| Others          | 121,934          | 3.82%             | 42,305           | 1.58%             |
| <b>Total</b>    | <b>3,193,493</b> | <b>100.00%</b>    | <b>2,684,736</b> | <b>100.00%</b>    |

Variable-income assets comprise mainly CSN shares.

Fixed-income assets comprise mostly debentures, Interbank Deposit Certificates (“CDI”) and National Treasury Notes (“NTN-B”).

Real estate refers to buildings appraised by a specialized asset appraisal firm. There are no assets in use by CSN and its subsidiaries.

For the pension plan, the expense as of December 31, 2016 was R\$35,798 (R\$35,739 as of December 31, 2015).

**28.d) Expected contributions**

No contributions are expected to be paid to the defined benefit plans in 2017.

For the mixed supplementary benefit plan, contributions in the amount of R\$28,495 are forecasted to be paid in 2017 for the portion of defined contribution and R\$800 for the portion of defined benefit (risk benefit).

## 28.e) Sensitivity analysis

The quantitative sensitivity analysis regarding the significant assumptions for the pension plans as of December 31, 2016 is as follows:

|                                                                         | Plan covering 35% of the average salary |          | Average salary supplementation plan |          | Mixed supplementary benefit plan (M) |
|-------------------------------------------------------------------------|-----------------------------------------|----------|-------------------------------------|----------|--------------------------------------|
| <b>Assumption: Discount rate</b>                                        |                                         |          |                                     |          |                                      |
| <b>Sensitivity level</b>                                                | 0.5%                                    | -0.5%    | 0.5%                                | -0.5%    | 0.5%                                 |
| Effect on current service cost and on interest on actuarial obligations | 136                                     | (163)    | 121                                 | (399)    | (953)                                |
| Effect on present value of obligations                                  | (14,237)                                | 15,342   | (69,598)                            | 73,654   | (40,065)                             |
| <b>Assumption: Salary growth</b>                                        |                                         |          |                                     |          |                                      |
| <b>Sensitivity level</b>                                                | 0.5%                                    | -0.5%    | 0.5%                                | -0.5%    | 0.5%                                 |
| Effect on current service cost and on interest on actuarial obligations |                                         |          |                                     |          | 398                                  |
| Effect on present value of obligations                                  |                                         |          | 1                                   | (1)      | 2,850                                |
| <b>Assumption: Benefit adjustment</b>                                   |                                         |          |                                     |          |                                      |
| <b>Sensitivity level</b>                                                | 0.5%                                    | -0.5%    | 0.5%                                | -0.5%    | 0.5%                                 |
| Effect on current service cost and on interest on actuarial obligations | 1,905                                   | (1,779)  | 9,269                               | (8,634)  | 5,360                                |
| Effect on present value of obligations                                  | 16,277                                  | (15,204) | 79,189                              | (73,775) | 45,567                               |
| <b>Assumption: Mortality table</b>                                      |                                         |          |                                     |          |                                      |
| <b>Sensitivity level</b>                                                | 1.0%                                    | -1.0%    | 1.0%                                | -1.0%    | 1.0%                                 |
| Effect on current service cost and on interest on actuarial obligations | (1,063)                                 | 1,054    | (4,495)                             | 4,414    | (822)                                |
| Effect on present value of obligations                                  | (9,038)                                 | 8,962    | (38,360)                            | 37,667   | (7,589)                              |



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The forecast benefit payments of the defined benefit plans for future years are as follows:

| <b>Forecast benefit payments</b> | <b>2016</b>      |
|----------------------------------|------------------|
| Year 1                           | 238,706          |
| Year 2                           | 256,136          |
| Year 3                           | 266,217          |
| Year 4                           | 276,345          |
| Year 5                           | 286,458          |
| Next 5 years                     | 1,579,822        |
| <b>Total forecast payments</b>   | <b>2,903,684</b> |

**28.f) Post-employment health care plan**

Refers to a healthcare plan created on December 1, 1996 exclusively for former retired employees, pensioners, those who received an amnesty, war veterans, widows of employees who died as a result of on-the-job accidents and former employees who retired on or before March 20, 1997 and their dependents. Since then, the healthcare plan does not allow the inclusion of new beneficiaries. The plan is sponsored by CSN.

The amounts recognized in the balance sheet were determined as follows:

|                              | <b>12/31/2016</b> | <b>12/31/2015</b> |
|------------------------------|-------------------|-------------------|
| Present value of obligations | 691,262           | 489,074           |
| <b>Liabilities</b>           | <b>691,262</b>    | <b>489,074</b>    |

The reconciliation of the healthcare liabilities is as follows:

|                                                   | <b>12/31/2016</b> | <b>12/31/2015</b> |
|---------------------------------------------------|-------------------|-------------------|
| Actuarial liability at the beginning of the year  | 489,074           | 576,480           |
| Expenses recognized in income for the year        | 62,342            | 67,620            |
| Sponsor's contributions transferred in prior year | (70,411)          | (57,525)          |
| Recognition of loss/(gain) for the year           | 210,257           | (97,501)          |
| <b>Actuarial liability at the end of the year</b> | <b>691,262</b>    | <b>489,074</b>    |

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For the post-employment healthcare plan, the expense as of December 31, 2016 was R\$80,490 (R\$56,838 as of December 31, 2015).

The actuarial gains and losses recognized in shareholders' equity are as follows:

|                                                       | <b>12/31/2016</b> | <b>12/31/2015</b> |
|-------------------------------------------------------|-------------------|-------------------|
| Actuarial gain (loss) on obligation                   | 210,257           | (97,501)          |
| <b>Gain (loss) recognized in shareholders' equity</b> | <b>210,257</b>    | <b>(97,501)</b>   |

The weighted average life expectancy based on the mortality table used to determined actuarial obligations is as follows:

|                                                                   | <b>12/31/2016</b> | <b>12/31/2015</b> |
|-------------------------------------------------------------------|-------------------|-------------------|
| <b>Longevity at age of 65 for current participants</b>            |                   |                   |
| Male                                                              | 19.55             | 19.55             |
| Female                                                            | 22.17             | 22.17             |
| <b>Longevity at age of 65 for current participants who are 40</b> |                   |                   |
| Male                                                              | 41.59             | 41.59             |
| Female                                                            | 45.30             | 45.30             |

The actuarial assumptions used for calculating postemployment healthcare were:

|                                   | 12/31/2016                                                    | 12/31/2015                                                    |
|-----------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|
| <b>Biometrics and Demographic</b> |                                                               |                                                               |
| General mortality table           | AT 2000 segregated by gender                                  | AT 2000 segregated by gender                                  |
|                                   | Winklevoss with death probabilities reduced by 1% in all ages | Winklevoss with death probabilities reduced by 1% in all ages |
| Disability mortality table        |                                                               |                                                               |
| <b>Financial</b>                  |                                                               |                                                               |
| Actuarial nominal discount rate   | 11.73%                                                        | 13.43%                                                        |
| Inflation                         | 5.50%                                                         | 5.70%                                                         |
| Aging Factor                      | 0.5% - 3.00% real a.a.                                        | 0.5% - 3.00% real a.a.                                        |
| Health Care Cost Trend Rate       | 8.93%                                                         | 8.87%                                                         |
| Claim Cost                        | 698.57                                                        | 515.37                                                        |

**28.g) Sensitivity analysis**

The quantitative sensitivity analysis regarding the significant assumptions for the postemployment healthcare plans as of December 31, 2016 is as follows:

|                                                                         | 12/31/2016                     |          |
|-------------------------------------------------------------------------|--------------------------------|----------|
|                                                                         | Healthcare Plan                |          |
|                                                                         | Assumption: Discount rate      |          |
| <b>Sensitivity level</b>                                                | 0.5%                           | -0.5%    |
| Effect on current service cost and on interest on actuarial obligations | 248                            | (336)    |
| Effect on present value of obligations                                  | (26,037)                       | 28,353   |
|                                                                         |                                |          |
|                                                                         | Assumption: Medical Inflation  |          |
| <b>Sensitivity level</b>                                                | 1.0%                           | -1.0%    |
| Effect on current service cost and on interest on actuarial obligations | 7,368                          | (6,306)  |
| Effect on present value of obligations                                  | 62,810                         | (53,756) |
|                                                                         |                                |          |
|                                                                         | Assumption: Benefit adjustment |          |
| <b>Sensitivity level</b>                                                | 1.0%                           | -1.0%    |
| Effect on current service cost and on interest on actuarial obligations | (4,186)                        | 4,360    |
| Effect on present value of obligations                                  | (35,689)                       | 37,165   |



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The forecast benefit payments of the postemployment healthcare plans for future years are as follows:

| <b>Forecast benefit payments</b> | <b>2016</b>    |
|----------------------------------|----------------|
| Year 1                           | 65,068         |
| Year 2                           | 67,520         |
| Year 3                           | 69,890         |
| Year 4                           | 72,127         |
| Year 5                           | 74,198         |
| Next 5 years                     | 394,037        |
| <b>Total forecast payments</b>   | <b>742,840</b> |

## **29 GUARANTEES**

The Company is liable for guarantees of its subsidiaries and joint ventures as follows:

|                                | Currency | Maturities                      | Borrowings |            | Tax fore   |
|--------------------------------|----------|---------------------------------|------------|------------|------------|
|                                |          |                                 | 12/31/2016 | 12/31/2015 | 12/31/2016 |
| Transnordestina Logísitca      | R\$      | Up to 09/19/2056 and Indefinite | 2,547,937  | 2,544,600  | 23,007     |
| FTL - Ferrovia Transnordestina | R\$      | 11/15/2020                      | 76,700     | 81,700     |            |
| Sepetiba Tecon                 | R\$      | Indefinite                      |            |            |            |

|                       |      |            |                   |                   |               |
|-----------------------|------|------------|-------------------|-------------------|---------------|
| Cia Metalurgica Prada | R\$  | Indefinite |                   |                   | 333           |
| CSN Energia           | R\$  | Indefinite |                   |                   | 2,829         |
| Congonhas Minérios    | R\$  | 09/22/2022 | 2,000,000         | 2,000,000         |               |
| Fundação CSN          | R\$  | Indefinite |                   | 1,003             |               |
| Others                | R\$  |            |                   | 12,000            |               |
| <b>Total in R\$</b>   |      |            | <b>4,624,637</b>  | <b>4,639,303</b>  | <b>26,169</b> |
| CSN Islands XI        | US\$ | 09/21/2019 | 750,000           | 750,000           |               |
| CSN Islands XII       | US\$ | Perpetual  | 1,000,000         | 1,000,000         |               |
| CSN Resources         | US\$ | 07/21/2020 | 1,200,000         | 1,200,000         |               |
| <b>Total in US\$</b>  |      |            | <b>2,950,000</b>  | <b>2,950,000</b>  |               |
| CSN Steel S.L.        | EUR  | 1/31/2020  | 120,000           | 120,000           |               |
| Lusosider Aços Planos | EUR  | Indefinite | 25,000            | 25,000            |               |
| <b>Total in EUR</b>   |      |            | <b>145,000</b>    | <b>145,000</b>    |               |
| <b>Total in R\$</b>   |      |            | <b>10,112,913</b> | <b>12,135,468</b> |               |
|                       |      |            | <b>14,737,550</b> | <b>16,774,771</b> | <b>26,169</b> |

### 30 COMMITMENTS

#### 30.a) Take-or-pay contracts

As of December 31, 2016 and 2015, the Company was a party to take-or-pay contracts as shown in the following table:



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| <b>Type of service</b>                                                                     | <b>Payments in the period</b> |                  |                  |                |                |                |                   | <b>Total</b>     |
|--------------------------------------------------------------------------------------------|-------------------------------|------------------|------------------|----------------|----------------|----------------|-------------------|------------------|
|                                                                                            | <b>2015</b>                   | <b>2016</b>      | <b>2017</b>      | <b>2018</b>    | <b>2019</b>    | <b>2020</b>    | <b>After 2020</b> |                  |
| Transportation of iron ore, coal, coke, steel products, cement and mining products.        | 197,646                       | 873,186          | 767,031          | 767,031        | 767,031        | 746,150        | 3,672,166         | 6,719,400        |
| Supply of power, natural gas, oxygen, nitrogen, argon and iron ore pellets coal, clinquer. | 1,023,465                     | 621,551          | 261,542          | 40,524         | 40,524         | 40,524         | 40,522            | 423,630          |
| Processing of slag generated during pig iron and steel production                          | 104,013                       | 49,487           | 6,013            | 6,013          | 6,013          | 6,013          | 13,528            | 37,580           |
| Manufacturing, repair, recovery and production of ingot casting machine units.             | 127,776                       | 36,765           | 15,005           | 5,665          | 5,665          |                |                   | 26,330           |
|                                                                                            | <b>1,452,900</b>              | <b>1,580,989</b> | <b>1,049,591</b> | <b>819,233</b> | <b>819,233</b> | <b>792,687</b> | <b>3,726,216</b>  | <b>7,206,960</b> |

**30.b) Concession agreements**

Minimum future payments related to government concessions as of December 31, 2016 fall due according to the schedule set out in the following table:

| <b>Company /<br/>Concession</b>          | <b>Type of Service</b>                                                                                                                                                                                                                                                                                                                         | <b>2017</b>    | <b>2018</b>    | <b>2019</b>    | <b>2020</b>    | <b>After 2020</b> | <b>Total</b>     |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|-------------------|------------------|
| FTL (Ferrovia Transnordestina Logística) | 30 - year concession granted on December 31, 1997, renewable for another 30 years, to develop public service and operating the railway system in northeastern Brazil. The northeastern railway system covers 4.238 Kilometers of railway network and operates in Maranhão, Piauí, Ceará, Paraíba, Pernambuco, Alagoas and Rio Grande do Norte. | 8,676          | 8,676          | 8,676          | 8,676          | 60,732            | <b>95,436</b>    |
| Tecar                                    | Concession to operate the TECAR a solid bulk terminal, one of the four terminals that make up the Port of Itaguai, located in Rio de Janeiro. The concession had an anticipated renewal and it will expires in 2047.                                                                                                                           | 100,217        | 100,217        | 100,217        | 100,217        | 2,705,859         | <b>3,106,727</b> |
| Tecon                                    | 25-year concession started in July 2001, renewable for another 25 years to operate the container terminal at the Port of Itaguai.                                                                                                                                                                                                              | 28,996         | 28,996         | 28,996         | 28,996         | 159,478           | <b>275,462</b>   |
|                                          |                                                                                                                                                                                                                                                                                                                                                | <b>137,889</b> | <b>137,889</b> | <b>137,889</b> | <b>137,889</b> | <b>2,926,069</b>  | <b>3,477,625</b> |

### 30.c) Projects and other commitments

- **Transnordestina project**

The Transnordestina project which corresponds to rail network II of the Northeast Railway System, includes building 1,753 km of new, next-generation, wide-gauge tracks. The project posts an evolution of 52% progress which was expected to completion for 2017 (completion period currently under review and discussion with the responsible agencies). The Company expects that the investments will permit Transnordestina Logística S.A. to transport of several products, such as iron ore, limestone, soy, cotton, sugarcane, fertilizers, oil, and fuel. The concessionaire of the Transnordestina project holds the concession through no longer than 2057, and can be terminated before this date if the minimum return agreed with the Government is reached. Transnordestina has already obtained the required environmental permits, purchased part of the equipment, contracted some of the services, and in certain regions the project is at an advanced implementation stage.

The sources of financing for the project are: (i) financing granted by Banco do Nordeste/ FNE and the BNDES, (ii) debentures issued by FDNE, (iii) Permanent Track Use contracts, and (iv) interest in the capital of CSN and public shareholders. The approved construction investment is R\$7,542,000 and the balance of disburseable funds will be adjusted using the IPCA as from April 2012. Should additional funds be required, they will be provided by CSN and/or third parties under Permanent Track Use contracts.

The budget to conclude the project is under review, currently it is being analyzed by the competent agencies (shareholders), and it is expected that the reviewed budget will be as follows: Missão Velha-Salgueiro: R\$0.4 billion, Salgueiro-Trindade: R\$0.7 billion, Trindade-Eliseu Martins: R\$2.4 billion, Missão Velha-Porto de Pecém: R\$3 billion, Salgueiro-Porto de Suape: R\$4.7 billion, amounting R\$ 11.2 billion.

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The Company guarantees 100% of TLISA's financing granted by Banco do Nordeste/FNE and the BNDES, and 50.97% of the debentures issued by FDNE (includes the corporate guarantee of 48.47%, a collateral letter of 1.25% issued to BNB and the corporate guarantee of 1.25% pledged to BNB). Under the FDNE charter, approved by Federal Decree 6,952/2009, and the Investment Agreement entered into with the public shareholders/ financiers, up to 50% of the debentures maybe converted into TLISA shares.

The Court of Auditors of the Union - TCU through a protective order issued in May 2016, regarding the case TC 012.179/2016, forbade new transfers of public resources to TLISA from Valec Engenharia, Construções e Ferrovias S.A., Fundo de Investimento do Nordeste – FINOR, Fundo Constitucional de Financiamento do Nordeste – FNE, Fundo de Desenvolvimento do Nordeste – FDNE, Banco Nacional de Desenvolvimento Econômico e Social – BNDES and BNDES Participações S.A.– BNDESPar. After filing an appeal against the protective order and providing the necessary explanations, in June 2016 the order issued by TCU was withdrawn unanimously by the members of this court, with the continuity of investments planned having been restored.

By means of another protective order issued in January 2017, relating to the case TC 012.179/2016, the Court of Auditors of the Union forbade new transfers of public resources to TLISA by Valec Engenharia, Construções e Ferrovias S.A., Fundo de Investimento do Nordeste – FINOR, Fundo Constitucional de Financiamento do Nordeste – FNE, Fundo de Desenvolvimento do Nordeste – FDNE, Banco Nacional de Desenvolvimento Econômico e Social – BNDES and BNDES Participações S.A.– BNDESPar. The Company has provided the required clarifications to the TCU and has acted firmly in order that the decision can be repealed soon and the flow of investments planned can be restored.

There is an administrative procedure with the ANTT (National Land Transportation Agency) which evaluates the regular compliance with the obligations of the Concession Agreement corresponding to

System II by Concessionaire TLSA. ANTT's technical area, in a unilateral opinion, understood that non-compliance with the contractual obligations by the Concessionaire is evidenced. The technical area's opinion is under evaluation and, if the irregularity is proven, ANTT may apply the applicable penalties, among them, forfeiture. The procedure is in fact finding phase and until the moment there is not final decision on the merit.

In relation to the rail network I, there is an administrative procedure before the National Agency for Land Transportation ("ANTT") that analyzes the regular fulfillment of the obligations of the Concession Agreement by the Concessionaire FTL. In view of a unilateral analysis, ANTT informed that FTL would have failed to comply with the TAC (Conduct Adjustment Agreement) signed in 2013 as a result of the non-compliance with the production target for 2013. ANTT decided to file an administrative proceeding to investigate the non-compliance with the concession agreement and, if the irregularity is proved, it can apply the related penalties, among them the forfeiture. The Concessionaire has not appealed against such decision, and the proceeding is at the finding-of-facts stage and, so far, there is no final decision on the merit.

## **31 INSURANCE**

Aiming to properly mitigate risk and in view of the nature of its operations, the Company and its subsidiaries have taken out several different types of insurance policies. Such policies are contracted in line with the CSN Risk Management policy and are similar to the insurance taken out by other companies operating in the same lines of business as CSN and its subsidiaries. The risks covered under such policies include the following: Domestic Transportation, International Transportation, Life and Casualty, Health Coverage, Fleet Vehicles, D&O (Civil Liability Insurance for Directors and Officers), General Civil Liability, Engineering Risks, naming Risks, Export Credit, warranty and Port Operator's Civil Liability.

In 2016, after negotiation with insurers and reinsurers in Brazil and abroad, an insurance policy was issued for the contracting of a policy of Operational Risk of Property Damages and Loss of Profits, with effect from October 30, 2016 to September 30, 2017. Under the insurance policy, the LMI (Maximum Limit of Indemnity) is US\$600 million and covers the following units and subsidiaries of the Company: Presidente Vargas steelworks, CSN Mineração, and CSN Mining. CSN takes responsibility for a range of retention of US\$375 million in excess of the deductibles for property damages and loss of profits.

In view of their nature, the risk assumptions adopted are not part of the scope of an audit of the financial statements and, accordingly, were not audited by our independent auditors.





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**1****32 ADDITIONAL INFORMATION TO CASH FLOWS**

The following table provides additional information on transactions related to the statement of cash flows:

|                                                                | <b>12/31/2016</b> | <b>Consolidated<br/>12/31/2015</b> | <b>12/31/2016</b> | <b>Parent<br/>Company<br/>12/31/2015</b> |
|----------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------------------------------|
| Income tax and social contribution paid                        | 456,227           | 134,920                            |                   | 120,075                                  |
| Addition to PP&E with interest capitalization (note 11 and 26) | 215,794           | 166,366                            | 127,675           | 160,777                                  |
| Acquisition of fixed assets through loan                       | 7,437             | 566,413                            |                   | 566,413                                  |
| Capital reduction with no cash effect                          |                   |                                    |                   | 60,038                                   |
| Capitalization of advances for future capital increase         |                   | 3,229                              |                   | 61,486                                   |
| Borrowings granted to capitalize subsidiaries                  |                   |                                    | 52,419            |                                          |
| Capital increase with no cash effect                           |                   |                                    |                   | 331,869                                  |
|                                                                | <b>679,458</b>    | <b>870,928</b>                     | <b>180,094</b>    | <b>1,300,658</b>                         |

**33 COMPREHENSIVE INCOME STATEMENT**



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|                                                                                                      |                   | <b>Consolidated</b> |                   | <b>Pare</b>       |
|------------------------------------------------------------------------------------------------------|-------------------|---------------------|-------------------|-------------------|
|                                                                                                      | <b>12/31/2016</b> | <b>12/31/2015</b>   | <b>12/31/2016</b> | <b>Compar</b>     |
|                                                                                                      |                   | <b>Restated</b>     |                   | <b>12/31/2015</b> |
|                                                                                                      |                   |                     |                   | <b>Restated</b>   |
| <b>(Loss)/ Profit for the period</b>                                                                 | <b>(853,058)</b>  | <b>(1,215,964)</b>  | <b>(934,747)</b>  | <b>(1,214,12)</b> |
| <b>Other comprehensive income</b>                                                                    |                   |                     |                   |                   |
| <b>Items that will not be subsequently<br/>reclassified to the statement of<br/>income</b>           |                   |                     |                   |                   |
| Actuarial (loss) gain the defined benefit<br>plan from investments in subsidiaries, net<br>of taxes  | 87                | 230                 | 5,403             | (72)              |
| Actuarial (losses)/gains on defined<br>benefit pension plan                                          | (219,417)         | 92,221              | (227,352)         | 93,6              |
| Income tax and social contribution on<br>actuarial (losses)/gains on defined benefit<br>pension plan | (2,619)           | (64,756)            |                   | (65,24)           |
|                                                                                                      | <b>(221,949)</b>  | <b>27,695</b>       | <b>(221,949)</b>  | <b>27,6</b>       |
| <b>Items that could be subsequently<br/>reclassified to the statement of<br/>income</b>              |                   |                     |                   |                   |
| Cumulative translation adjustments for<br>the period                                                 | (486,890)         | 513,685             | (486,890)         | 513,6             |
| Assets available for sale                                                                            | 711,942           | (969,701)           | 711,942           | (938,16)          |
| Income taxes and social contribution<br>available for sale assets                                    |                   | 174,128             |                   | 163,4             |
| Available for sale assets from<br>investments in subsidiaries, net of taxes                          |                   |                     |                   | (20,81)           |
| Impairment on available for sale assets                                                              |                   | 555,298             |                   | 555,2             |
| Income taxes and social contribution on<br>impairment of available for sale assets                   |                   | (33,269)            |                   | (33,26)           |
|                                                                                                      | <b>1,299</b>      | <b>1,980</b>        | <b>1,299</b>      | <b>1,9</b>        |

(Loss) / gain on the percentage change  
in investments

|                                                                                    |                  |                    |                  |                    |
|------------------------------------------------------------------------------------|------------------|--------------------|------------------|--------------------|
| (Loss)/gain on cash flow hedge<br>accounting                                       | 1,005,968        | (1,410,896)        | 1,005,968        | (1,410,896)        |
| Income tax and social contribution on<br>(loss)/gain on cash flow hedge accounting |                  | (41,014)           |                  | (41,014)           |
| Realization of cash flow hedge<br>accounting reclassified to income<br>statements  | 77,444           | 11,439             | 77,444           | 11,439             |
| (Loss)/gain on investments hedge of<br>investments in subsidiaries                 |                  |                    | 77,952           | (20,148)           |
| (Loss)/gain on foreing investment hedge                                            | 77,952           | (20,148)           |                  |                    |
|                                                                                    | <b>1,387,715</b> | <b>(1,218,498)</b> | <b>1,387,715</b> | <b>(1,218,498)</b> |
|                                                                                    | <b>1,165,766</b> | <b>(1,190,803)</b> | <b>1,165,766</b> | <b>(1,190,803)</b> |
| <b>Total comprehensive income for<br/>period</b>                                   | <b>312,708</b>   | <b>(2,406,767)</b> | <b>231,019</b>   | <b>(2,404,925)</b> |
| <b>Attributable to:</b>                                                            |                  |                    |                  |                    |
| Participation of controlling interest                                              | 231,019          | (2,404,925)        | 231,019          | (2,404,925)        |
| Participation of non - controlling interest                                        | 81,689           | (1,842)            |                  |                    |
|                                                                                    | <b>312,708</b>   | <b>(2,406,767)</b> | <b>231,019</b>   | <b>(2,404,925)</b> |

### 34. EVENTS AFTER THE REPORTING PERIOD

- **Possible Proceedings**
- **Significant progress in Case 19515.723039/2012-79**

In February 2017, the Company was notified of the judgment of the Amendment of Judgment filed due the CARF's decision on case 19515.723039 / 2012-79, in which the Federal Revenue Service of Brazil challenges the capital gain on the alleged sale of 40% of NAMISA (currently CSN Mineração S.A.). The CARF, in short, agreed with the infringement notice. The Company, however, is taking of the lawfulness of the operation and, therefore, is evaluating the appropriate legal and procedural measures to reverse the decision. It is important to emphasize, finally, that this decision does not alter the assessment of loss on the case, which remains as possible, see note 18.

- **Significant progress in Case No. 19515.723053/2012-72**

The Superior Board of Tax Appeals of CARF ruled on 03/14/2017 a special appeal by the National Treasury against a previous decision favorable to Namisa, (currently CSN Mineração S.A.) filed in case No. 19515.723053 / 2012-72, in which the Federal Revenue Service of Brazil challenges the deductibility of goodwill amortization expenses arising from the operation carried out with the Asian Consortium in 2008. The CARF, in summary, agreed with the infringement notice. The Company, however, has absolute conviction of the lawfulness of the operation and, therefore, is taking legal measures. It is important to emphasize, finally, that this decision does not alter the assessment of loss of the case, which remains as possible, see note 18.

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- **Independent investigation – Construction of the Long Steel Plant**

Considering the information from a Company's executive published in the press, based on testimonials to the Court, the Audit Committee decided to contract a specialized forensic service to conduct external independent investigation of the contractual relationship related to the construction of CSN's Long Steel Plant contract in which there would have been alleged undue payments, as bonus, as a form of reimbursement for payments made to political parties, and to analyze the extent of the business relationships between the contracting parties. The conclusion of the investigation is that nothing from the testimonials referred to above was confirmed, and there are no contingencies deriving from the issues investigated. Consequently, the Company understands that there is no basis to justify the recording of any provision for losses or the disclosure of contingency.





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**INDEPENDENT AUDITOR'S REPORT ON THE INDIVIDUAL AND CONSOLIDATED FINANCIAL  
STATEMENTS**

To the Board of Directors and Shareholders of

Companhia Siderúrgica Nacional

**Opinion**

We have audited the accompanying individual and consolidated financial statements of Companhia Siderúrgica Nacional ("Company"), identified as Parent and Consolidated, respectively, which comprise the balance sheet as at December 31, 2016, and the statement of profit and loss, statement of comprehensive income, statement of changes in equity and statement of cash flows for the year then ended, and notes to the financial statements, including a summary of significant accounting policies.

In our opinion, the financial statements referred to above present fairly, in all material respects, the individual and consolidated financial position of Companhia Siderúrgica Nacional as at December 31, 2016, and its individual and consolidated financial performance and its individual and consolidated cash flows for the year then ended in accordance with accounting practices adopted in Brazil and International Financial Reporting Standards ("IFRSs") issued by the International Accounting Standards Board ("IASB").

**Basis for Opinion**

We conducted our audit in accordance with Brazilian and International Standards on Auditing. Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Individual and Consolidated Financial Statements* section of our report. We are independent of the Company and its subsidiaries in accordance with the relevant ethical requirements in the Code of Ethics for

Professional Accountants and the professional standards issued by the Brazilian Federal Accounting Council ("CFC"), and we have fulfilled with other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

## **Emphasis of Matter**

### *Restatement of the financial statements for the year ended December 31, 2015*

On November 14, 2016, we reissued the auditor's report, without modifications, on the Company's individual and consolidated financial statements, which are being restated again. As described in note 2.a.b) to the financial statements, the financial statements for the year ended December 31, 2015 have been adjusted and are being restated to: (a) reflect new accounting and fair value measurement adjustments upon the application of technical pronouncement CPC 15 (R1) - Business Combination and international standard IFRS 3 - Business Combination, issued by the IASB, concerning the business combination conducted by subsidiary Congonhas Minérios S.A.; and (b) reflect the review of recoverability analysis and adjustments to deferred income tax balances. Our opinion remains unmodified.

### *Continuity as a going concern of the joint venture Transnordestina Logística S.A.*

We draw attention to note 10.d) to the financial statements, which describes the completion stage of the new railroad network of the joint venture Transnordestina Logística S.A. ("TLSA"), currently under construction, the completion period of which was initially expected for January 2017 and is currently being reviewed and discussed with the relevant governmental agencies. The completion of the project works and consequent startup of operations depend on the continuing contribution of funds by its shareholders and third parties. Those events or conditions, along with other matters described in said note, indicate that a material uncertainty exists, which may cast significant doubt on TLSA's ability to continue as a going concern. Our opinion is not qualified in respect of this matter.

## **Key Audit Matters**

Key audit matters ("KAM") are those matters that, in our professional judgment, were of most significance in our audit of the financial statements of the current period. These matters were addressed in the context of our audit of the individual and consolidated financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters.

*Recoverable amount of goodwill and investment in joint venture*

As disclosed in note 10.a) to the financial statements, the Company has recorded an investment balance, including gains on loss of control, in joint venture TLISA, in the total amount of R\$3,747 million. The impairment test of this asset was considered a KAM as it involves a high degree of estimate and judgment by Management in defining the assumptions adopted to determine the recoverable amount and sensitivity and subjectivity of the significant assumptions, which involve projections on market demand, operating margins and discount rate that can materially change the expected realization of those assets, as well as the need to recognize impairment losses on those assets. This matter was considered a significant audit risk and, therefore, significantly involved our attention and our judgment.

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Our audit procedures included, but were not limited to: (a) assessing the design, implementation and effectiveness of the relevant internal controls determined by Management as to the impairment test; (b) reviewing the analysis prepared by Management, supported by internal fair value specialists, to check the reasonableness of the model used in the mathematical recalculation of cash flows and discounted dividends and measurement of the discount rate; (c) assessing the factors and significant business assumptions that were used to determine the recoverable amount; (d) assessing the main estimates prepared by Management in comparison with available market estimates, when applicable, and recalculating, together with internal specialists, the recoverable amount under an independent corroborative methodology; (e) inquiring the Company's Management and TLISA's executives and inspecting the available evidence about negotiations concerning the release of funds by controlling shareholders to resume the construction and release of funds expected from federal government-related agencies and entities; and (f) assessing the appropriateness of disclosures prepared by Management in the financial statements.

*Realization of deferred income tax and social contribution assets*

As stated in note 16.b) to the financial statements, the Company (parent) recorded deferred income tax and social contribution assets as at December 31, 2016, in the amount of R\$252 million, recognized as deduction from the balance of deferred income tax and social contribution liabilities. The realization of those assets is supported by future taxable income projections, which involved the exercise of considerable judgment by the Company, based on assumptions reflecting the aspects inherent in its economic and operating environment, among other factors. Accordingly, considering the significance of amounts involved by the parent company and considerable judgment exercised by Management in determining the relevant realization assessment, we considered such matter a significant audit risk, which therefore significantly involved our attention and our judgment.

Our audit procedures included, but were not limited to: (a) assessing the design, implementation and effectiveness of the relevant internal controls determined by Management with respect to future taxable income projections made by the parent company; (b) assessing and challenging the business assumptions and methodology adopted by the Company to prepare the future taxable income projections; and (c)

assessing the appropriateness of the disclosures made with respect to deferred taxes.

*Provision for risks arising on lawsuits and administrative proceedings*

As disclosed in note 18 to the financial statements, the Company has recognized a provision for risks amounting to R\$627 million - Parent (R\$813 million - Consolidated) to cover probable losses on lawsuits and administrative proceedings of tax, labor and civil nature. <0}

Supported by its in-house and outside legal counsel, the Company exercises considerable judgment in determining the amount of provisions to be recognized and to disclose unaccrued lawsuits assessed as possible loss. Assessing certain lawsuits and administrative proceedings represented a significant audit aspect in view of the significance of the involved amounts for the individual and consolidated financial statements taken as a whole and the significant judgment exercised by Management to assess the likelihood of loss and corresponding disclosures required.

Our audit procedures included, but were not limited to: (a) assessing the design, implementation and effectiveness of the relevant internal controls determined by Management to assess whether the provision for risks relating to lawsuits and administrative proceedings is sufficient; (b) obtaining confirmation letters from the outside legal counsel that handle such lawsuits, confirming the relevant amounts and assessing the risks of loss; (c) holding discussions with the Company's in-house legal counsel; and (d) obtaining technical reports and legal opinions issued by other outside attorneys independent of such lawsuits, which supported the likelihood of loss. Based on this set of information, we assessed together with our tax specialists the merits of the lawsuits and appropriateness of the conclusion on the classification and measurement of the risk of loss determined by the Company and the amounts recorded and/or disclosed in the note to the financial statements.

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We also considered the appropriateness of disclosures, as stated in note 18 to the financial statements.

*Risks arising on the independent investigation related to the Long Steel Plant construction*

As described in note 34 to the financial statements, the Company became aware that one of its executives was cited in the course of testimonies given in connection with the federal public authorities' investigations into the contractual arrangement relating to the construction of CSN's Long Steel Plant, under which undue payments were allegedly made, in the form of bonus, to reimburse payments made to political parties. In response to such matter, the Company assessed the issues raised by whistle-blowers in their allegations by conducting an independent investigation under the Audit Committee's supervision so as to identify pieces of evidence, indications or proof of the allegations made.

We considered this matter a key audit matter due to the limitations intrinsic to the audit procedures applied to the independent investigation, which has its inherent complexities, further requiring the auditor to exercise a high degree of judgment about the sufficiency of the investigation scope, the forensic investigation procedures and techniques used, as well as the possible financial and disclosure impacts on the financial statements. <0}

Our audit procedures included, but were not limited to, (a) understanding the scope, extent and methodology underlying the work performed by the independent investigation professionals, as well as the results obtained; (b) monitoring and assessing the actions and scope defined by the Audit Committee to conduct and oversee the investigation conducted by independent experts; (c) involving our forensic specialists; (d) assessing the independence and competence of the investigation firm engaged to perform such work; (e) discussing the conclusions reached from the investigation work with the independent experts and the Audit Committee, including the conclusion on the lack of need for adjustments to the financial statements; and (f) considering the disclosure of such matter in the referred note to the financial statements.

*Continuity as a going concern*

As disclosed in note 1 to the financial statements, the Company has borrowings and financing (consolidated) as at December 31, 2016, in the amount of R\$30.5 billion, of which R\$28.3 billion have long-term maturity dates. In preparing the financial statements assuming its continuity as a going concern, the Company considered the achievement of its business plan, represented by cash flow projections for the coming year, which are based on certain operating and financial goals planned by Management, supplemented by actions aimed at reducing debts and refinancing contracted debts, as well as other financial deleverage-related actions. Accordingly, in view of the significance of amounts, the complexity and considerable judgment exercised by Management in determining its business plan for the coming year and defining the operating and financial goals to be achieved, we considered such matter a KAM.

Our audit procedures included, but were not limited to: (a) assessing the design, implementation and effectiveness of the relevant internal controls determined by Management in connection with its business plan, reflected in the cash flow projections for the coming year; (b) assessing and challenging the business assumptions and methodology adopted by the Company to prepare the cash flow projections, based on external data and market conditions; (c) inquiring the Company's Management and its executives and inspecting the available evidence related to the financial deleverage plan and any available alternatives for cash management; and (d) assessing the appropriateness of the disclosures related to the business plan and operating and financial goals in the Company's financial statements.

**Other Matters**

*Statements of value added*

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The individual and consolidated statements of value added (“DVA”) for the year ended December 31, 2016, prepared under the responsibility of the Company’s Management and disclosed as supplemental information for purposes of the IFRSs, were subject to audit procedures performed together with the audit of the Company’s financial statements. In forming our opinion, we assess whether these individual and consolidated statements of value added are reconciled with the financial statements and accounting records, as applicable, and whether their form and content are in accordance with the criteria set out in technical pronouncement CPC 09 - Statement of Value Added. In our opinion, these statements of value added were appropriately prepared, in all material respects, in accordance with the criteria set out in such technical pronouncement and are consistent in relation to the individual and consolidated financial statements taken as a whole.

**Other Information Accompanying the Individual and Consolidated Financial Statements and the Independent Auditor’s Report**

Management is responsible for the other information. The other information comprises the Management Report.

Our opinion on the individual and consolidated financial statements does not cover the Management Report and we do not express any form of audit conclusion thereon.

In connection with our audit of the individual and consolidated financial statements, our responsibility is to read the Management Report and, in doing so, consider whether this report is materially inconsistent with the financial statements or our knowledge obtained in the audit or otherwise appears to be materially misstated. If, based on the work we have performed, we conclude that there is a material misstatement in the Management Report, we are required to report that fact. We have nothing to report in this regard.

**Responsibilities of Management and Those Charged with Governance for the Individual and Consolidated Financial Statements**

Management is responsible for the preparation and fair presentation of the individual and consolidated financial statements in accordance with accounting practices adopted in Brazil and the International



Financial Reporting Standards (“IFRSs”), issued by the International Accounting Standards Board (“IASB”), and for such internal control as Management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the individual and consolidated financial statements, Management is responsible for assessing the Company’s ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless Management either intends to liquidate the Company and its subsidiaries or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Company’s and its subsidiaries’ financial reporting process.

### **Auditor’s Responsibilities for the Audit of the Individual and Consolidated Financial Statements**

Our objectives are to obtain reasonable assurance about whether the individual and consolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor’s report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Brazilian and International Standards on Auditing will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with Brazilian and International Standards on Auditing, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the individual and consolidated financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.

**(CONVENIENCE TRANSLATION INTO ENGLISH FROM THE ORIGINAL  
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- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the internal control of the Company and its subsidiaries.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by Management.
- Conclude on the appropriateness of Management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the ability of the Company and its subsidiaries to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the individual and consolidated financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Company and its subsidiaries to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the individual and consolidated financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Group to express an opinion on the consolidated financial statements. We are responsible for the direction, supervision and performance of the group audit. We remain solely responsible for our audit opinion.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditor's report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

The accompanying individual and consolidated financial statements have been translated into English for the convenience of readers outside Brazil.

São Paulo, October 27, 2017

DELOITTE TOUCHE TOHMATSU

Auditores Independentes

Gilberto Grandolpho

Engagement Partner

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**Opinions and Statements / Opinion of the Supervisory Board or Equivalent Body**

The Audit Committee met to review the Company's Financial Statements for the fiscal year ended December 31, 2016, as well as the restatement of the Company's Financial Statements for the fiscal year ended December 31, 2015.

Afterward, the Audit Committee received the representatives of Deloitte Independent Auditors, that reported the conclusion of the Company's Financial Statement auditing process for the fiscal year ended December 31, 2016 and the restatement of the Financial Statement for the fiscal year ended December 31, 2015.

After reviewing and discussing about the audited financial statements of 2016 and 2015 and the Annual Management Report, the Audit Committee concluded that the reports mentioned above are, in all relevant aspects, fairly presented and reviewed and decided to recommend to the Board of Directors that the audited Financial Statements for the fiscal years ended December 31, 2016 and December 31, 2015 shall be submitted to the approval of the General Meeting.

São Paulo, October 27<sup>th</sup>, 2017.

Antonio Bernardo Vieira Maia

Fernando Perrone

Yoshiaki Nakano

Claudia Maria Sarti – Secretary

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## Opinions and Statements / Officers Statement on the Financial Statement

As Executive Officers of Companhia Siderurgica Nacional, we declare pursuant to Article 25, paragraph 1º, item VI of CVM Instruction 480, of December 7, 2009, as amended, that we reviewed, discussed and agreed with the Company's Financial Statements for the fiscal year ended December 31, 2016, as well as the restatement of the Financial Statements for the fiscal year ended December 31, 2015.

São Paulo, October 27<sup>th</sup>, 2017.

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Benjamin Steinbruch

CEO

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Luis Fernando Barbosa Martinez

Executive Officer

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David Moise Salama

Investors Relations Executive Officer



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Pedro Gutemberg Quariguasii Netto

Executive Officer

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Marcelo Cunha Ribeiro

Executive Officer - CFO

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## Opinions and Statements / Officers Statement on Auditor's Report

As Executive Officers of Companhia Siderurgica Nacional, we declare pursuant to Article 25, paragraph 1º, item V of CVM Instruction 480, of December 7, 2009, as amended, that we reviewed, discussed and agreed with the opinion expressed on the Independent Auditors' Report related to the Company's Financial Statements for the fiscal year ended December 31, 2016 and the Financial Statements for the fiscal year ended December 31, 2015, restated.

São Paulo, October 27<sup>th</sup>, 2017.

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Benjamin Steinbruch

CEO

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Luis Fernando Barbosa Martinez

Executive Officer

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David Moise Salama

Investors Relations Executive Officer

Pedro Gutemberg Quariguasii Netto

Executive Officer

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Marcelo Cunha Ribeiro

Executive Officer - CFO

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SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: November 24, 2017

COMPANHIA SIDERÚRGICA NACIONAL

By:

/s/ Benjamin Steinbruch

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**Benjamin Steinbruch**  
**Chief Executive Officer**

By:

/s/ David Moise Salama

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**David Moise Salama**  
**Executive Officer**

**FORWARD-LOOKING STATEMENTS**

This press release may contain forward-looking statements. These statements are statements that are not historical facts, and are based on management's current view and estimates of future economic circumstances, industry conditions, company performance and financial results. The words "anticipates", "believes", "estimates", "expects", "plans" and similar expressions, as they relate to the company, are intended to identify forward-looking statements. Statements regarding the declaration or payment of dividends, the implementation of principal operating and financing strategies and capital expenditure plans, the direction of future operations and the factors or trends affecting financial condition, liquidity or results of operations are examples of forward-looking statements. Such statements reflect the current views of management and are subject to a number of risks and uncertainties. There is no guarantee that the expected events, trends or results will actually occur. The statements are based on many assumptions and factors, including general economic and market conditions, industry conditions, and operating factors. Any changes in such assumptions or factors could cause actual results to differ materially from current expectations.

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