



FINANCIAL RESULTS 2Q22

August 15, 2022



Companhia Siderúrgica Nacional

São Paulo, August 15, 2022 - **Companhia Siderúrgica Nacional** ("CSN") (B3: CSNA3) (NYSE: SID) **discloses its second quarter of 2022 (2Q22)** financial results in Brazilian Reals, with all financial statements consolidated in accordance with accounting practices adopted in Brazil issued by the Accounting Pronouncements Committee ("CPC"), approved by the Brazilian Securities and Exchange Commission ("CVM") and the Federal Accounting Council ("CFC") and in accordance with international financial reporting standards ("IFRS"), issued by the International Accounting Standards Board ("IASB").

The comments address the Company's consolidated results in the **second quarter of 2022 (2Q22)** and the comparisons are in relation to the second quarter of 2021 (2Q21) and the first quarter of 2022 (1Q22). The BRL/USD exchange rate was 5.00 on 06/30/2021; 4.74 on 03/31/2022 and 5.24 on 06/30/2022.

Operational and financial highlights of 2Q22

DIVERSIFICATION HELPING TO MITIGATE THE INSTABILITY INCREASE IN INTERNATIONAL MARKETS

Although the mining segment was impacted by a lower price realization in 2Q22, the steel industry was able to present a resilient performance, along with other businesses, such as cement, logistics and energy that also had a solid operational performance.

As a result, **adjusted EBITDA for the quarter reached BRL 3.3 billion** with an EBITDA margin of 31%.

INCREASED PRODUCTION AND SALES IN MINING, DESPITE LOWER PRICE REALIZATION

The quarter was led by a price realization below than what was seen in the previous quarter, due to the retraction of Platts price, the increase in freight cost and the negative effect of the provisioned price adjustment. As a result, the **mining segment had an Adjusted EBITDA of BRL 931 million**, with a margin of 36%.

PRICE INCREASE IN THE STEEL INDUSTRY HELPED TO OFFSET THE GROWING UNCERTAINTIES VERIFIED IN THE QUARTER

A **sharp price increase** at the beginning of the quarter helped to offset the cost pressure and weaker volume shown in the period, mainly due to a downtrend in the European market and an irregular behavior in the local market.

Therefore, the EBITDA margin of the segment remained at 25%, even with the costs pressure.

TRANSFORMATION IN THE ENERGY SEGMENT

CSN has made **3 acquisitions** in the energy segment recently, consolidating its strategy of seeking **self-sufficiency and competitiveness**.

This movement is aligned with the objective of supporting the growth of the Group's operations and the CSN's energy pillar.

STRONG RECOVERY IN THE CEMENT SEGMENT

After a weaker start of 2022, due to seasonality and cost inflation, the **cement segment presented a strong recovery in 2Q22**, with both volume and price growth.

As a result, the Adjusted EBITDA in the segment showed a strong expansion of 64% compared to the previous quarter, with a 34% margin.

Consolidated Table - Highlights

	2Q22	1Q22	2Q22 x 1Q22	2Q21	2Q22 x 2Q21
Steel Sales (Thousand Tones)	1,066	1,157	-8%	1,281	-17%
- Domestic Market	724	755	-4%	896	-19%
- External Market	342	402	-15%	385	-11%
Iron Ore Sales (Thousand Tones)	7,574	6,932	9%	9,110	-17%
- Domestic Market	867	1,111	-22%	1,174	-26%
- External Market	6,707	5,821	15%	7,936	-15%
Consolidated Results (R\$ million)					
Net Revenue	10,566	11,770	-10%	15,392	-31%
Gross Porfit	3,006	4,483	-33%	8,280	-64%
Adjusted EBITDA ⁽¹⁾	3,262	4,718	-31%	8,174	-60%
EBITDA margin %	29.7%	39.1%	-9.2 p.p.	53.1%	-23.3 p.p.
Adjusted Net Debt ⁽²⁾	21,034	18,635	13%	13,228	59%
Adjusted Cash/Disponibilities ⁽²⁾	15,657	14,033	12%	22,517	-30%
Net Debt / Adjusted EBITDA	1.31x	0.89x	48%	0.60x	121%

¹ Adjusted EBITDA is calculated from net income (loss), plus depreciation and amortization, taxes on income, net financial result, income from investment participation, income from other operating income/expenses and includes a proportional participation of 37.27% of the EBITDA of the joint subsidiary MRS Logística.

² Adjusted Ebitda Margin is calculated from Adjusted Ebitda divided by Management Net Revenue.

³ Adjusted Net Debt and Adjusted Cash/Availability consider 37.27% of MRS, in addition to not considering *Forfeiting and Cashed* Risk transactions.

Consolidated Results

- **Net revenue** accrued BRL 10,566 million in 2Q22, representing a 10.2% decline when compared to 1Q22. This result is mainly a consequence of Platts' negative price adjustments in the mining segment, that ended up offsetting the higher sales volume in the period.
- The **cost of goods sold (COGS)** totaled BRL 7,560 million in 2Q22, representing an increase of 3.7% compared to 1Q22, as a result of historical price increases of some raw materials such as coal and coke, as well as higher costs of fleet movement in the mining and steel operations, with the rise of fuel prices.
- The decrease in revenue, with higher cost pressure, negatively impacted the **gross margin** that reached 28% in 2Q22 and was 9.6 p.p. lower than 1Q22. This performance mainly reflects the price contraction observed in the mining segment.
- In 2Q22, **sales, general and administrative expenses** totaled BRL 651 million, a level 10.8% higher than 1Q22, as a consequence of the better commercial activity observed in the period for the mining and cement segments, generating a higher freight expense, further enhanced by the increase in the C3 route in the quarter.
- The group of **other operating income and expenses** was negative in BRL 638 million in 2Q22, mainly affected by the hedge accounting cash flow operations that totaled BRL 342 million in the period.
- The **financial result** was BRL 890 million negative in 2Q22, representing a 21% decline compared to the previous quarter, as a consequence of the currency exchange rate, but partially offset by the devaluation of Usiminas shares.

	2Q22	1Q22	2Q22 x 1Q22	2Q21	2Q22 x 2Q21
Financial Result - IFRS	(890)	(1,125)	-21%	(340)	162%
Financial Revenue	346	186	86%	791	-56%
Financial Expenses	(1,236)	(1,311)	-6%	(1,131)	9%
Financial Expenses (ex-exchange rate variation)	(1,819)	(1,190)	53%	(801)	127%
Result with exchange rate variation	583	(121)	n.a.	(330)	n.a.
Monetary and Exchange Rate Variation	580	(100)	n.a.	(402)	n.a.
Derivatives Result	3	(21)	n.a.	72	-96%

- The **equity result** was positive at BRL 54 million in 2Q22, a performance 184% higher than in the previous quarter, as a consequence of the MRS results recovery of levels closer to those recorded last year.

	2Q22	1Q22	2Q22 x 1Q22	2Q21	2Q22 x 2Q21
MRS Logística	77	37	108%	75	3%
TLSA	(9)	(7)	29%	(15)	-40%
Arvedi Metalfer BR	3	-	0%	2	50%
Equimaq S.A	1	-	0%	-	0%
Eliminations	(18)	(11)	64%	(7)	157%
Equity Result with Affiliated Companies	54	19	184%	55	-2%

- In 2Q22, the **Company's net income** was **BRL 369 million**, a result 73% lower than last quarter, highlighting the Platts price adjustment impact in the Company, which was partially offset by solid steel results and record cement results.

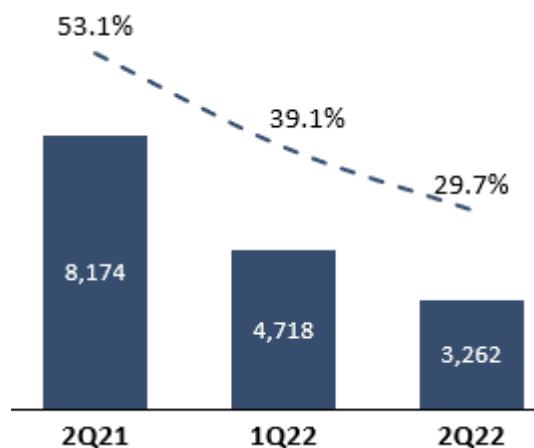
Adjusted EBITDA

	1Q22	1Q22	1Q22 x 4Q21	2Q21	1Q22 x 1Q21
Profit (Loss) for the Period	369	1,364	-73%	5,513	-93%
Depreciation	643	635	1%	502	28%
Income Tax and Social Contribution	512	1,066	-52%	1,257	-59%
Finance Income	890	1,125	-21%	339	162%
EBITDA (ICVM 527)	2,414	4,190	-42%	7,611	-68%
Other Operating Income (expenses)	638	359	78%	402	59%
Free Cash Flow Hedge Accounting - Exchange rate	342	79	333%	-	0%
Free Cash Flow Hedge Accounting - Platts Index	(23)	-	0%	279	n.a.
Other	319	280	14%	123	159%
Equity Results of Affiliated Companies	(54)	(19)	184%	(55)	-2%
Proportional EBITDA of Jointly Owned Subsidiaries	264	188	40%	216	22%
Adjusted EBITDA	3,262	4,718	-31%	8,174	-60%

* The Company discloses its adjusted EBITDA excluding participation in investments and other operating income (expenses), understanding that it should not be considered in the calculation of recurring Operational Cash generation.

- In 2Q22, **Adjusted EBITDA** was BRL 3,262 million, with an Adjusted EBITDA margin of 29.7% or 9.2 p.p. below than last quarter. This reduction in profitability is a direct consequence of the performance in the mining segment, with the lower realization of iron ore prices during the period. When you look at others segments, there is stability in the steel industry and a strong recovery in profitability for cement, which once again presented margins above 30% (it was 34.2% in 2Q22).

Adjusted EBITDA (BRL MM) and Adjusted Margin¹ (%)

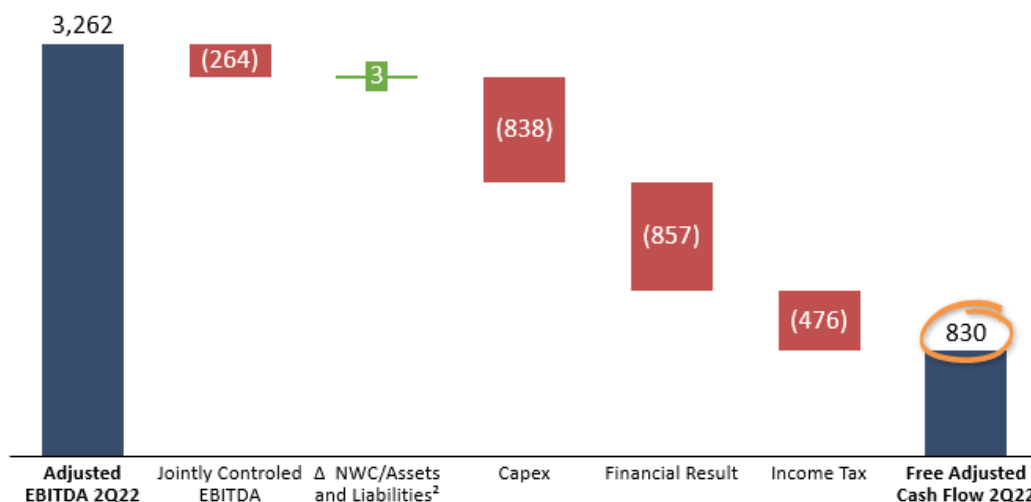


¹ Adjusted EBITDA Margin is calculated from the division between Adjusted EBITDA and Adjusted Net Revenue, which considers 100% of the stakes in CSN Mineração's consolidation and 37.27% in MRS.

Adjusted Cash Flow¹

Adjusted Cash Flow in 2Q22 reached BRL 830 million in 2Q22, reversing the negative result observed in the previous quarter with the normalization of working capital and the seasonality in the payment of taxes verified in 1Q22. Additionally, the cash flow of 2Q22 was positively impacted by the reduction in working capital that was able to mitigate the lower operating result with a reduction in accounts receivable, even considering increases in CAPEX and financial expenses.

Adjusted cash flow¹ in 2Q22 (BRL MM)



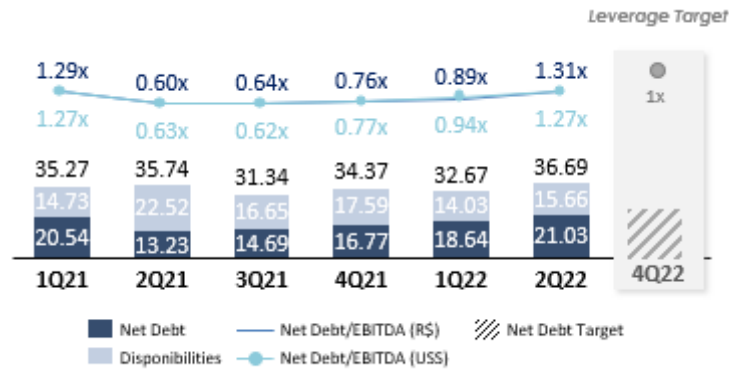
¹ The concept of adjusted cash flow is calculated from adjusted Ebitda, subtracting Ebitda from Jointly Controlled Companies, CAPEX, IT, Financial Results and Changes in Assets and Liabilities², excluding the effect of the Glencore advance.

² Adjusted Working Capital is composed by the change in Net Working Capital, plus the change in accounts of long-term assets and liabilities and disregarding the net change in IT and SC.

Debt

On June 30, 2022, consolidated net debt reached BRL 21,034 million, with the maintenance of high cash levels, and with the leverage indicator measured by the Net Debt/EBITDA ratio reaching 1.31x. This increase in leverage is a consequence of the exchange rate variation and disbursements made in the period, such as the payment of dividends and interests on equity, in addition to the acquisition of the Santa Ana and Sacre SHPs.

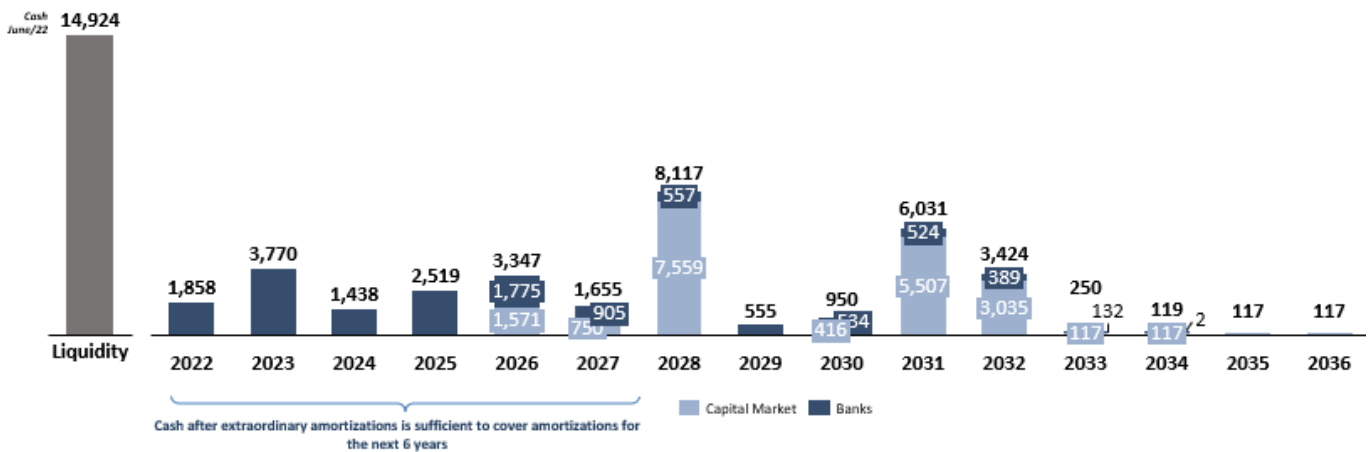
Debt (BRL Billion) and
Net Debt / Adjusted EBITDA (x)



¹ Net Debt / EBITDA: To calculate the debt, please consider the final dollar of each period and for net debt and EBITDA the average dollar of the period.

The Company remains very active in its objective of extending its debt: during the second quarter of 2022, CSN concluded a long-term operation with SACE in the amount of USD 375 MM through its subsidiary CMIN, which also issued its 2nd infrastructure debenture operation of BRL 1.4 billion. These resources will be used in capacity expansion projects in the mining segment.

Amortization Schedule (BRL Bi)



¹ IFRS: does not consider participation in MRS (37.27%).

² Gross Debt/Management Net considers participation in MRS (37.27%) and gross interest.

³ Medium term after completion of the Liability Management Plan.

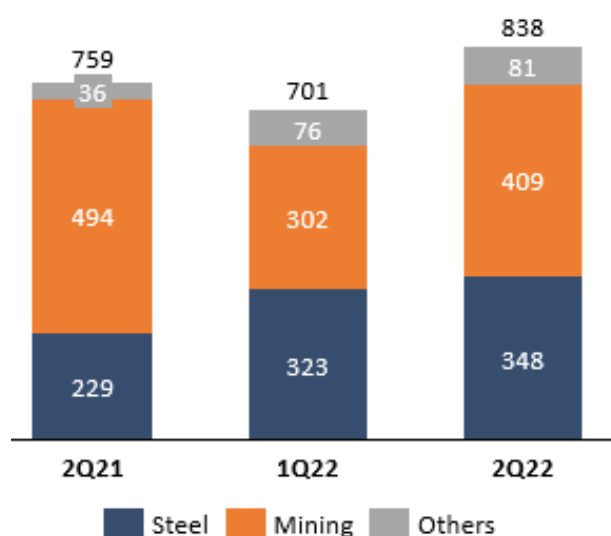
Foreign Exchange Exposure

The accrued net foreign exchange exposure in the consolidated Balance Sheet of 2Q22 was USD 502 million, as shown in the table below, in line with the company's policy of minimizing the impacts of exchange rate volatility on its results. The Hedge Accounting adopted by CSN correlates with the projected dollar exports flow of future debt maturities in the same currency. Therefore, the dollar debt exchange variation is temporarily recorded in the equity, being brought to the result when the dollar revenues from said exports occur.

	2Q22	1Q22	2Q22 x 1Q22	2Q21	2Q22 x 2Q21
Cash	1,369	1,598	-14%	2,683	-49%
Accounts Recivables	162	514	-68%	644	-75%
Short Term investments	25	26	-4%	24	4%
Loans and Financing	(4,586)	(4,118)	11%	(5,247)	-13%
Suppliers	(489)	(543)	-10%	(387)	26%
Iron Ore Derivatives	-	1	-100%	(6)	-100%
Other	41	48	-14%	10	310%
Natural Foreign Exch. Exposure (Assets - Liabilities)	(3,478)	(2,475)	41%	(2,279)	53%
Cash Flow Hedge Accounting	4,262	2,523	69%	3,762	13%
NDF Real x Dólar	(115)	-	0%	-	0%
Swap US\$ x SOFR	(100)	(115)	-13%	-	0%
Swap CDI x Dólar	(67)	(84)	-20%	(67)	0%
Net Foreign Exchange Exposure	502	(151)	n.a.	1,416	-65%

Investments

A total of BRL 838 million was invested in 2Q22, an increase of 20% compared to the previous quarter, as a result of the advances in mining expansion projects (Itabirito, tailings filtration and port expansion), as well as repairs of UPV's steel operations and coke batteries.



Net Working Capital

The Net Working Capital applied to the business **totaled BRL 4,301 million in 2Q22**, a decrease of 2% when compared to 1Q22, with the reduction in receivables partially offset by punctually high inventories due to the costs of the raw material.

The calculation of the Net Working Capital applied to the business does not take Glencore's advance, as shown in the following table:

	2Q22	1Q22	2Q22 x 1Q22	2Q21	2Q22 x 2Q21
Assets	15,071	15,921	-5%	13,600	11%
Accounts Recivable	2,744	4,091	-33%	5,308	-48%
Inventory ³	10,564	10,235	3%	7,140	48%
Taxes to Recover	1,278	1,172	9%	828	54%
Anticipated Expenses	288	277	4%	183	57%
Other Assets NWC ¹	197	146	35%	140	41%
Liabilities	10,770	11,533	-7%	10,885	-1%
Suppliers	9,751	9,693	1%	9,097	7%
Payroll and Related taxes	538	634	-15%	493	9%
Taxes Payable	1	430	-100%	634	-100%
Advances from Clients	200	311	-36%	255	-22%
Other Liabilities ²	280	465	-40%	406	-31%
Net Working Capital	4,301	4,388	-2%	2,715	58%

Operational Indicators	2Q22	1Q22	2Q22 x 1Q22	2Q21	2Q22 x 2Q21
Turnover ratio (days) Recivable	20	27	-7	28	-8
Turnover ratio (days) Inventory	117	116	1	77	40
Turnover ratio (days) Suppliers	113	141	-28	107	6
Financial Cycle	24	2	22	-2	26

¹ Other CCL Assets: Considers employees advances and other accounts receivable.

² Other CCL Liabilities: Considers other accounts payable, dividends payable, installment taxes and other provisions.

³ Inventories: Does not consider the effect of the provision for inventory losses. For the calculation of the SME, warehouse balances are not considered

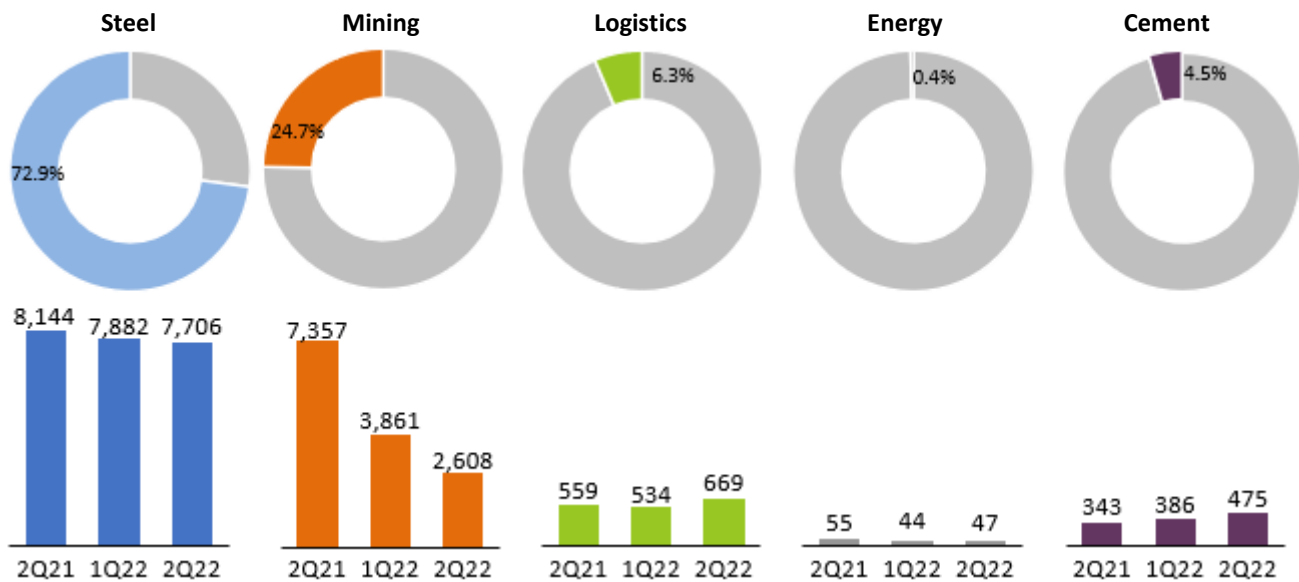
Acquisitions in the Energy Sector

Recently, the Company announced the acquisition of 3 different assets in the energy segment, consolidating its strategy of achieving self-sufficiency in energy. On April 8, 2022, the Company announced to the market the acquisition of SHP's Santa Ana and Sacre, which has an installed capacity of 36.3 MW, with the closing of this acquisition occurring on 06/30/22 and the assets being directed to cement operations. Also, the acquisition of the Quebra-Queixo Hydroelectric Powerplant announcement was made on 07/25/2022 and the conclusion is still pending on regulatory approvals. This asset has an installed capacity of 120 MW (guaranteed capacity of 57.4 MW) and will support the energy supply for mining expansion projects. Finally, on 07/29/2022, the Company won the privatization auction of CEEE-G, a relevant renewable generation platform in Rio Grande do Sul, with 15 own assets (HEPs and SHPs), a total installed capacity of 920 MW and an average physical guaranteed capacity of 399 MW, along with 11 minor participations and 3 wind projects under development.

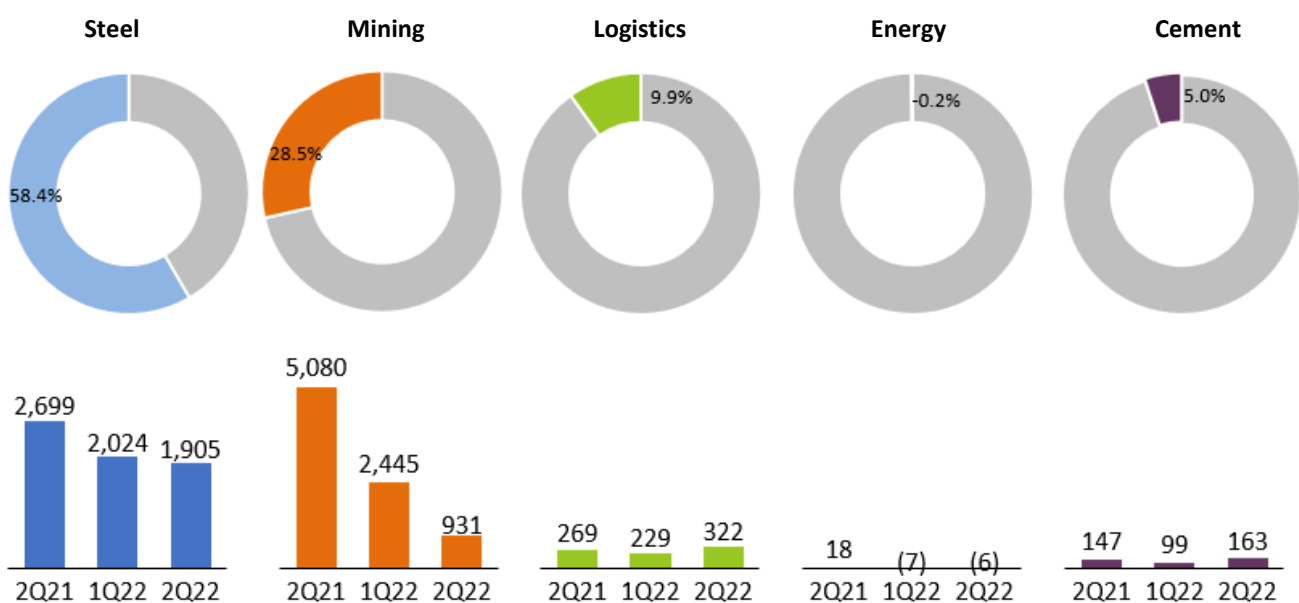
Results by Business Segments

STEEL	MINING	LOGISTICS	ENERGY	CEMENT
				
Usina Presidente Vargas Porto Real Paraná Lusosider Prada (Distribution and Steel Packing) Long Steel (UPV) SWT LLC	Casa de Pedra Tecar Engenho Pires Fernandinho ERSA	Railway: MRS e FTL Port: Sepetiba Tecon	CSN Energia Itasa	Volta Redonda Arcos Alhandra SHP Sacre SHP Santa Ana

Net Revenue by Segment - 2Q22 (BRL million-before eliminations)



Adjusted EBITDA by Segment - 2Q22 (BRL million-before eliminations)



2Q22 Results (BRL million)	Steel	Mining	Logistics (Port)	Logistics (Railway)	Energy	Cement	Corporate Expenses/Elimination	Consolidated
Net Revenue	7,706	2,608	77	592	47	475	(940)	10,566
Internal Market	5,248	411.20	77	592	47	475	(1,032)	5,819
Foreign Market	2,458	2,196	-	-	-	-	93	4,747
COGS	(5,789)	(1,832)	(53)	(386)	(49)	(301)	849	(7,560)
Gross profit	1,917	776	24	206	(2)	174	(90)	3,005
DGA/DVE	(313)	(87.03)	(8)	(34)	(8)	(69)	(132)	(651)
Depreciation	301	242	8	126	4	57	(95)	643
Proportional EBITDA of joint contr.	-	-	-	-	-	-	265	265
Adjusted EBITDA	1,905	931	24	298	(6)	163	(52)	3,262

1Q22 Results (BRL million)	Steel	Mining	Logistics (Port)	Logistics (Railway)	Energy	Cement	Corporate Expenses/Elimination	Consolidated
Net Revenue	7,882	3,861	76	458	44	386	(938)	11,770
Internal Market	5,185	515.38	76	458	44	386	(991)	5,673
Foreign Market	2,697	3,346	-	-	-	-	53	6,097
COGS	(5,827)	(1,595)	(55)	(342)	(47)	(272)	850	(7,287)
Gross profit	2,055	2,266	21	117	(3)	114	(88)	4,483
DGA/DVE	(327)	(62.42)	(10)	(31)	(9)	(69)	(80)	(587)
Depreciation	295	242	9	123	4	54	(92)	635
Proportional EBITDA of joint contr.	-	-	-	-	-	-	187	187
Adjusted EBITDA	2,024	2,445	20	209	(7)	99	(72)	4,718

2Q21 Results (BRL million)	Steel	Mining	Logistics (Port)	Logistics (Railway)	Energy	Cement	Corporate Expenses/Elimination	Consolidated
Net Revenue	8,144	7,357	72	487	55	343	(1,067)	15,392
Internal Market	6,050	904	72	487	55	343	(1,415)	6,495
Foreign Market	2,094	6,453	-	-	-	-	349	8,896
COGS	(5,452)	(2,312)	(52)	(312)	(35)	(204)	1,255	(7,111)
Gross profit	2,693	5,045	20	175	21	139	188	8,280
DGA/DVE	(250)	(141)	(11)	(31)	(8)	(33)	(352)	(826)
Depreciation	256	176	9	108	4	42	(92)	502
Proportional EBITDA of joint contr.	-	-	-	-	-	-	217	217
Adjusted EBITDA	2,699	5,080	17	252	18	147	(39)	8,174

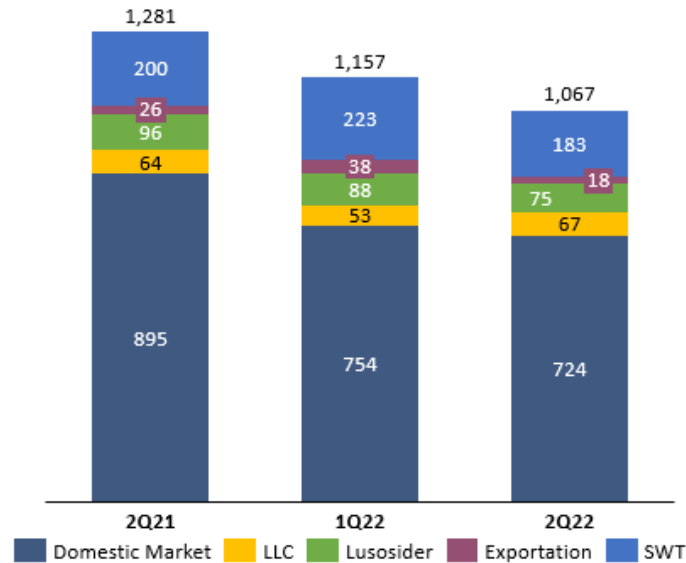
Steel Result

According to the World Steel Association (WSA), global crude steel production totaled 490.3 million tons (Mt) in the quarter, 4.2% below the same period in 2021 as a result of the impacts from the conflict between Russia and Ukraine and the outcome of stricter social distancing policies in some Chinese cities. China produced 57% of the global volume (280.1 Mt), which represents a reduction of 3.8% compared to the same period in 2021. Despite this slowdown, the Chinese government has sought to increase investment in infrastructure through economic stimulus that should keep demand at a high level throughout this year. Brazil produced 8.8 Mt in the quarter, which corresponds to an annual decline of 6.4%, as a result of the cost pressure suffered by the industry in the first half, in addition to the increase in uncertainties regarding the demand sustainability. For 2022, the global market is expected to have a stable production of approximately 1,840 Mton.

Steel Production (thousand tons)

CSN's **plate production on the 2Q22** totaled 890,000 tons, a stable performance compared to the previous quarter. However, the production of flat laminates, our main market of operation, reached 767 kton, which represents a contraction of 7.3% in relation to 1Q22, due to planned maintenance on the production line.

Sales Volume (Kton) - Steel



Total sales reached **1,067.000 tons in the second quarter of 2022**, a volume 7.8% lower than last quarter. When analyzing the evolution in the different markets, it is noticed that domestic sales totaled 724,000 tons of steel products and were 4% lower than in 1Q22, as a result of uncertainties regarding price dynamics and demand behavior. In the **foreign market, 2Q22** sales accrued 342,000 tons, 15% below the 1Q22 volume, as a consequence of a lower commercial activity in the operations of SWT and Lusosider, resulting from the lower consumption of steel in the European market and all the instability brought by the conflict between Russia and Ukraine. In the quarter, 18,000 tons were exported directly, and 324,000 tons were sold by our subsidiaries abroad, with 67,000 tons by LLC (25% quarterly increase), 183,000 tons by SWT and 75,000 tons by Lusosider.

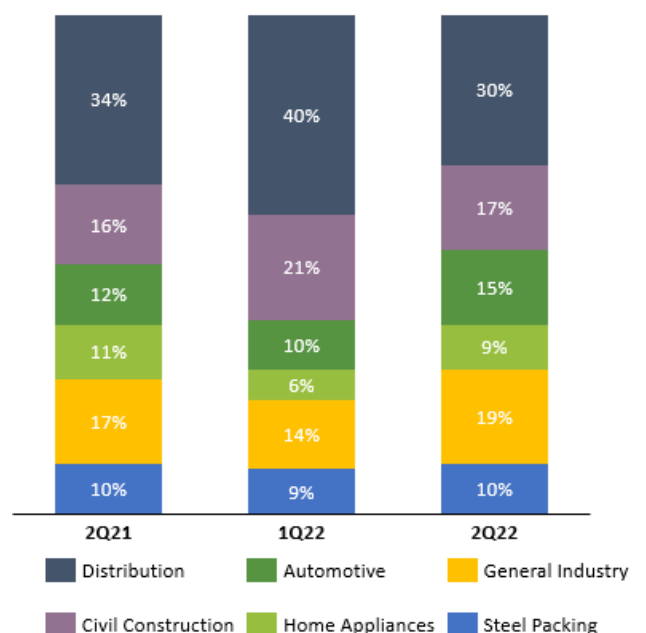
In relation to the **total sales volume**, in 2Q22, compared to the previous quarter, the automotive (+40%), home appliances (+40%) and general industry (+35%) segments were the main positive highlights of the quarter, and ended up compensating for the more uncertain period experienced by the distribution sector.

According to **ANFAVEA** (National Association of Motor Vehicle Manufacturers), the production in the second quarter registered 596,000 units, a 20% increase when compared to last quarter and an 8.1% increase compared to the same period of 2021. The Association also projects a 4.1% growth in production for 2022, with a production of 2,340,000 vehicles units.

According to the **Brazil Steel Institute (IABr)** data, crude steel production in the quarter accrued 8.8Mt, a performance 4.7% lower than in the same period last year. Apparent Consumption was 6.1 Mton, a 15.6% retraction compared to 2Q21. Also, the Steel Industry Confidence Indicator (ICIA) of June was 45.4 points, a drop of 5.7 p.p. compared to March and below the 50-point dividing line, which indicates lower confidence for the next six months in the local market.

According to the **IBGE** data, the monthly index of **household appliance production** in the first two months of the quarter recorded a 16.9% decline compared to the same period of the previous year. For this year, the home appliances market is expected to have a moderate growth after the strong sales volume seen in the sector in 2020 and 2021.

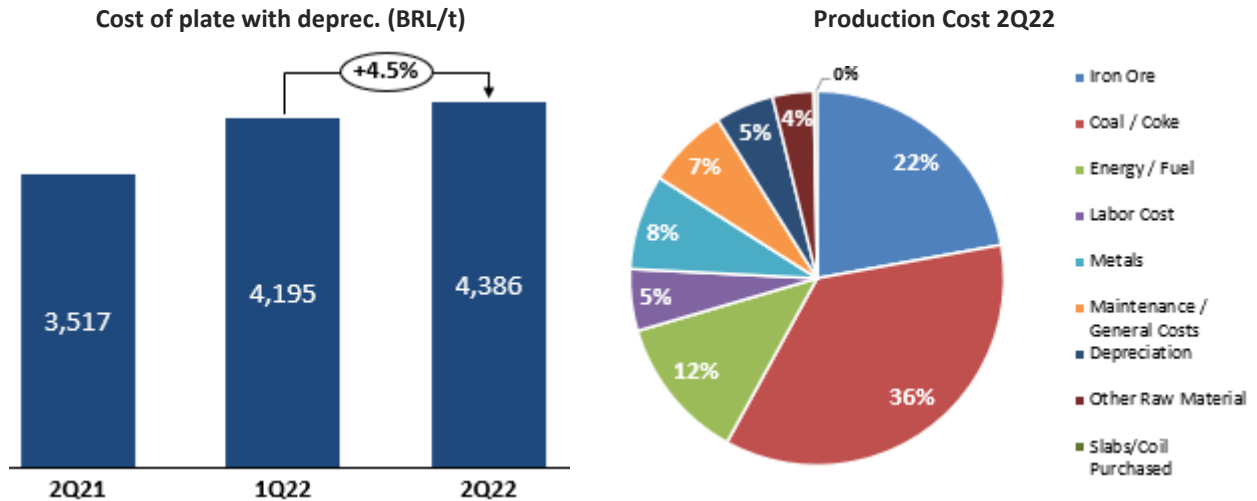
Sale by Market Segment



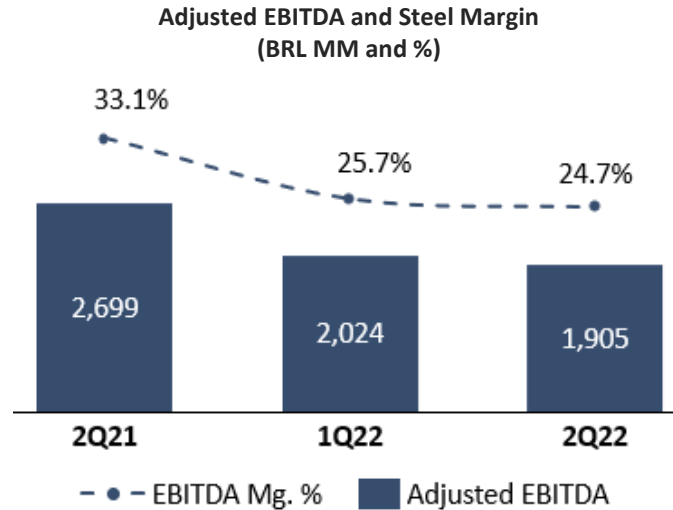
- **Net revenue** in Steel reached **BRL 7,706 million in 2Q22**, 2% lower than in 1Q22. As commented earlier, the increase in the sales price was eventually offset by the reduction in the volume sold. In this sense, the **average domestic market price in 2Q22** was 5.3% higher than in 1Q22, a performance that accompanies the increase in the prices of raw materials for steel

production. Moreover, the average foreign market price was 7.1% higher compared to last quarter, a performance pulled by U.S. and Germany domestic prices, which showed a strong growth at the beginning of the quarter.

- The **cost of consumed plate** in **2Q22** reached BRL 4,386/t, which represents a 4.5% increase over the previous quarter as a result of (i) the increase in the coal price, (ii) the increase in the price of gas used for the manufacture of steel, and (iii) the lower dilution of fixed costs due to the lower volume of production.



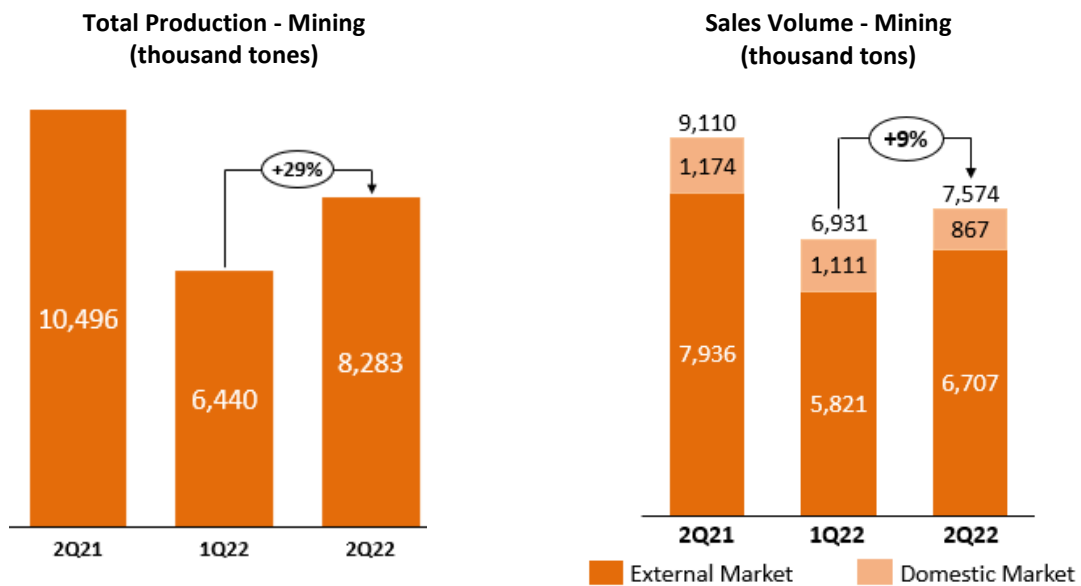
- The Company's **steel Adjusted EBITDA** reached **BRL 1,905 million in 2Q22** and was 5.8% lower than in 1Q22, with an EBITDA margin of 24.7% (-0.9 p.p.). Despite the lower profitability and increased cost pressure of some raw materials at the beginning of the year, this performance reinforces the Company's resilience and the ability to generate results even in an environment of inflationary pressure and economic uncertainties.



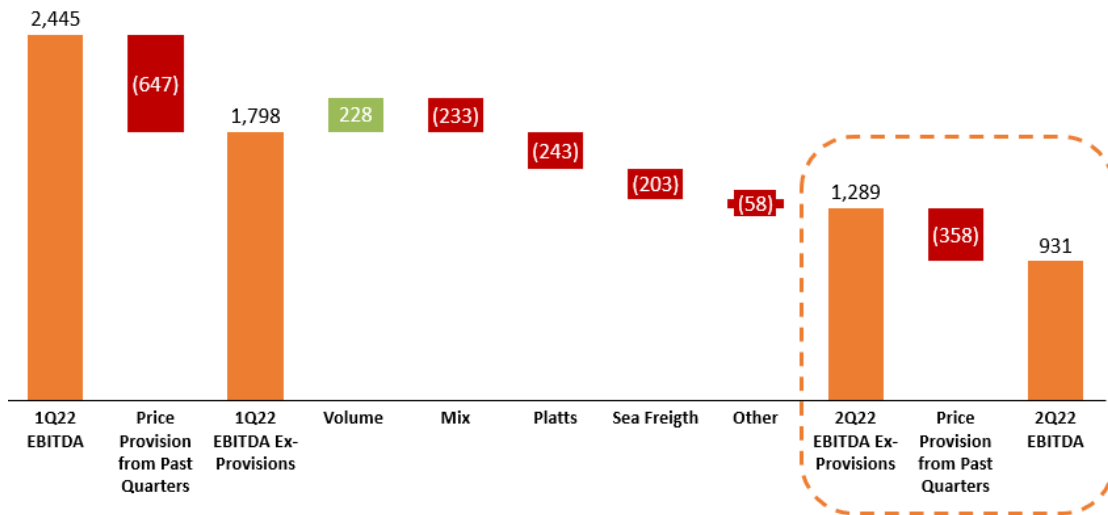
Mining Result

The quarter in China was marked by the maintenance of stimulus to the infrastructure sector, lower than expected performance in the real estate market and maintenance of the Covid Zero policy that eventually resulted in the isolation of several major cities, bringing instability and uncertainty regarding the economic impacts and prospects. In addition, the conflict between Russia and Ukraine, the inflationary effects and the increase of interest rates have also backed-up the raising concern about iron ore demand and energy supply to European countries, contributing yet another component of instability to the transoceanic market. In this context, the **price of iron ore ended 2Q22 on a downward trend**, returning to November/21 levels and undergoing adjustments throughout the quarter. However, the **2Q22 average price did not vary as much, performing on USD 137.9/dmt (Platts, Fe62%, N. China), 2.6% lower than 1Q22 (USD 141.6/dmt), but 31% below 2Q21 (USD 200.01/dmt).**

In relation to **sea freight**, the BCI-C3 Route (Tubarão-Qingdao) observed a more significant impact, reaching an average of **\$30.2/wmt** in 2Q22, which represented a **32%** increase compared to the previous quarter, mainly driven by the higher bulk costs.



- Iron **ore production** totaled 8,283 ktons in 2Q22, an 29% increase compared to 1Q22, as a result of improved production with the reduction of impacts of rain volumes in the period.
- **Sales volume reached 7,574 ktons** in 2Q22, a performance 9.3% higher than the previous quarter as a result of the drier period observed throughout the quarter, enabling an increase in port shipments. To contextualize this performance, the sales volume for the foreign market was 15.2% higher than in 1Q22. However, it is important to highlight that this performance could have been even better if it were not for the still high volume of rainfall in April, especially in the State of Rio de Janeiro where the Company's Port is located, delaying a more consistent recovery.
- In 2Q22, **net revenue** totaled BRL 2,608 million and was 32.5% lower than in the last quarter, as a result of a lower price realization that offset the increase in production and commercial activity presented in the period. **Unitary net revenue was \$72.03 per wet ton**, down 33% from 1Q22, a performance that reflects not only the lower price of the index benchmark, but also the impact of more expensive sea freight and a negative realization of provisioned price from previous quarters in the period.
- The **cost of goods sold** from mining totaled **BRL 1,832 million in 2Q22**, an increase of 14.8% compared to the previous quarter, as a result of the higher volume produced in the period, in addition to the higher costs of diesel used in the mine fleet and the increase in rail transport costs. The **C1 Cost** was USD 24.3/t in 2Q22, 3.8% higher when compared to 1Q22, mainly a result of the factors mentioned above. This ended up compensating for the greater dilution of fixed cost due to the increase in the volume produced, the exchange rate impact and the reduction of the cost in TECAR.
- **Adjusted EBITDA reached BRL 931 million in 2Q22**, with quarterly EBITDA margin of 35.7% or 27.6 p.p. lower than that recorded in 1Q22. The lower performance of the realized prices, together with increases in C1 costs, freight and greater participation of third-party volumes were the main responsible for the decrease in mining margins in the period.

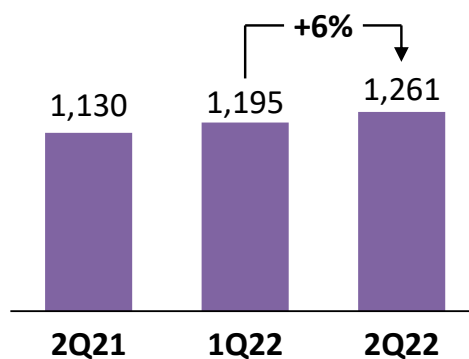


Cement Result

After a challenging start of 2022 with a seasonality accentuated by the high volume of rainfall in January and February, the cement segment continued to face challenges in 2Q22 with raw material cost pressures and commercial activity limited by high inflation and interest rates. However, it has already been possible to verify a resumption of construction and, according to the National Union of the Cement Industry (SNIC), cement sales reached 15.9 Mton in 2Q22 and was 6.7% higher compared to the previous quarter, but still 3.0% below the same period from last year. In this context, the real estate market has been resilient with the increase in real estate units sold throughout the quarter, according to the Brazilian Chamber of the Construction Industry (CBIC), and the Industrial Entrepreneur Confidence Index (ICEI) presenting values above 50 in all indicators.

in the case of CSN Cimentos, the recovery came from both commercial activity and the strong price adjustment applied at the beginning of the quarter, an adjustment that was necessary to offset the higher production costs in the period. **Sales on the 2Q22 accrued 1,261 kton** and were 6% higher than in the previous quarter, as a result of the assertive commercial strategy, in addition to seasonality, with a drier quarter.

Sales Volume - Cements (thousand tones)



* Alhandra's operations were integrated in September 2021.

- Net **revenue** reached an all-time high of BRL 475 million in 2Q22, a performance 23.1% higher than last quarter, driven by volume recovery with higher prices applied in the period.
- **Unitary costs also rose** in the quarter as a result of the price increase of imported coke and freight distribution costs.
- After all, **Adjusted EBITDA increased** by 64.1% compared to the previous quarter, reaching BRL 163 million in 2Q22 and with an Adjusted EBITDA margin of 34.2%, or 8.6 p.p. above the margin recorded in 1Q22. This improvement reflects the Company's ability to generate results even in a period of inflationary pressure, highlighting not only the strength of the brand, but also all the operational efficiency of CSN's plants.

Logistics Result

Rail Logistics: In 2Q22, net revenue reached BRL 592 million, with Adjusted EBITDA of BRL 298 million and Adjusted EBITDA margin of 50.3%. Compared to 1Q22, net revenue increased 30% due to increased prices of transported goods. In the same comparison line, Adjusted EBITDA was 42% higher.




Port Logistics: In 2Q22, 308,000 tons of steel products were shipped by Sepetiba Tecon, in addition to 15,000 containers, 4,000 tons of general cargo and 219,000 tons of bulk. Compared to the previous quarter, the two most significant variations were in the volume of steel products, with an increase of 24%, and in the bulk sales, which reported a 40% decline. As a result, **net revenue** of the port segment was 2% higher than in the last quarter, reaching BRL 77 million in 2Q22. Additionally, there was a decline in sales and administrative expenses that led the **Adjusted EBITDA** to increase 21.5% in the quarter, reaching BRL 24 million and an **Adjusted EBITDA margin** of 31.3% in the period, or 5.1 p.p. superior.

Energy Result

In 2Q22, the volume of energy traded generated **net revenue of R\$47 million**, with **negative adjusted EBITDA of R\$6 million**. Compared to 1Q22, net revenue increased by 7% due to lower exposure to the short-term market. This reflects a greater adherence of energy consumption carried out by industrial plants, which also resulted in an EBITDA improvement of 17% in the period.

ESG - Environmental, Social & Governance

ESG COMMITMENTS - CSN GROUP

AXIS	ESG Goals
Capital Natural 	Climate Change <ul style="list-style-type: none"> ✓ Reduction of 10% of CO2e emissions per ton of crude steel by 2035, WSA (World Steel Association) methodology compared to 2018. ✓ Reduction of 20% of CO2e emissions per ton of crude steel by 2035, WSA (World Steel Association) methodology compared to 2018. ✓ Reduction of 28% of CO2e emissions per ton of cement by 2030, reaching 375 kgCO2e/t cement, CSI (Cement Sustainability Initiative) methodology. Equivalent to the target set in the CSI roadmap for the sector in 2050, base year 2020. ✓ Reduction of 30% in CO2e emissions per ton of ore produced by 2035 (scopes 1 and 2), base year 2019. ✓ Net Zero by 2044 in the emissions of scopes 1 and 2 of CSN Mineração. Atmospheric Emissions <ul style="list-style-type: none"> ✓ Reduction of 40% of particulate matter emissions per ton of crude steel produced at UPV by 2030, base year 2019. Efficiency in Water Use and Effluent Management <ul style="list-style-type: none"> ✓ Reduce new water consumption for iron ore production by at least 10% per ton of ore produced by 2030 compared to the base year 2018.
Intellectual Capital 	Innovation <ul style="list-style-type: none"> ✓ Between 2020 and 2022, develop two new products/services on the ESG theme. ✓ By 2022, we will conduct six weeks of training in innovation, ESG and Venture Capital in the CSN Group units in relation to 2020. Governance, Ethics and Compliance <ul style="list-style-type: none"> ✓ Continuously increase our Compliance Index to the best governance practices provided for in CVM Resolution No. 80/2022 (considered Practice and Partial Practice).
Human and Social Capital 	Social Responsibility <ul style="list-style-type: none"> ✓ By 2022, increase by 39% the care of children and adolescents by the Garoto Cidadão project in relation to 2020. Health and safety at work <ul style="list-style-type: none"> ✓ Continuously achieve the zero-fatality rate throughout the CSN Group (own and third parties). ✓ Reduce by 30% the accident frequency rate (CAF+SAF – own and third parties) by 2030 in the CSN Group compared to 2020. (factor of 1 million HHT) ✓ Reduce by 30% the number of days of sick leave by accident with own employees by 2030 compared to 2021. Dam Management and Mischaracterization <ul style="list-style-type: none"> ✓ Perform the complete mischaracterization of the dams built upstream of CSN Mineração by 2030. Diversity and Inclusion <ul style="list-style-type: none"> ✓ Achieve 28% female representation in the CSN Group by 2025 compared to 2020.

ESG PERFORMANCE - CSN

Starting in the second quarter of 2022, CSN begins a new format for disclosing its ESG shares and performance. The new model allows stakeholders to have access to key results, quarterly indicators and can now follow them effectively and even more agilely.

The information included in this release was selected based on relevance and materiality to the company. Quantitative indicators are presented in comparison with the period that best represents the metric for monitoring these. Thus, some are compared with the same quarter of the previous year, and others will be with the average of the previous period, ensuring a comparison based on seasonality and periodicity.

More detailed historical data on CSN's performance and initiatives can be verified in the Integrated Report 2021, released in June 2022 (esg.csn.com.br/nossa-empresa/relatorio-integrado-gri). The assurance of ESG indicators occurs annually for the closing of the Integrated Report, so the information contained in the quarterly releases is subject to adjustments arising from this process.

The Integrated Report 2021 released in June 2022, follows internationally recognized guidelines and frameworks, such as GRI, IIRC, SASB and TCFD and are presented with due correlation with the SDGs and Principles of the Global Compact. With the completion of the survey and integration of CSN's risks and climate opportunities to its internal risk matrix, the Integrated Report for 2021 was the first in which CSN carried out the structured disclosure based on TCFD reporting format.

Also in this quarter, expanding the partnership between ITOCHU Corporation and CSN Group in 2021, the two parties signed a Memorandum of Understanding (MOU) with Shell International Petroleum Company Ltd. to work jointly in the development of solutions for decarbonization of the operations of the CSN group. The main objective of this collaboration is the advancement in the decarbonization strategy through the application of new technologies focused mainly on the Steel and Mining segment.






Also, in this period the new ESG website was launched with the proposal to present in a more agile and transparent way the Actions and ESG indicators of the Company. Go to esg.csn.com.br.

ESG RATINGS

In the second half of 2022 there was an evolution in the Company's performance in the MSCI and Mood's ESG - V.E. and TPI (Transition Pathway Initiative) global initiative that assesses the maturity of companies in relation to the transition to a low-carbon economy.

Ratings ESG	ICO2B3	CDP WATER	CDP CLIMATE	ICDPR70	MSCI	MOODY'S	Steel	Cement
Índice atual	✓	B-	B	✓	B	45	3	3
Histórico último índice	✓	C	C	X	CCC	30	2	Nd

PERFORMANCE OF THE MAIN ESG TARGETS

	Indicators	Unit	2021	Accumulated 2022	Status	Goal	Goal (Year)
Environmental	Steel Emission Intensity (WSA) ¹	tCO2e/t raw steel	1.98	2.13		1.68	2035
	Intensity of Emission Cements (CSI) ²	kg CO2e/t cement	483	486		374	2030
	Mining Emission Intensity (GHG) ³	kgCO2e /ton of ore ⁴	6.26	6.91		4.04	2035
Social	Frequency Rate ⁵	CAF+SAF	2.4	1.9		0.74	2030
Governance	Diversity (women in the functional framework)	%	17.5	19.2		28%	2025

¹ Considers the scope 1+2 emissions and production of the UPV and SWT units

² Considers the emissions of scopes 1 and 2 divided per ton of iron ore produced at CSN Mineração, according to the methodology of the Brazilian GHG Protocol Program.

³ Considers emissions only from CSN Mining Scope 1 mobile combustion category. They represent 95% of CSN Mineração's Scope 1 emissions, noting that scope 2 emission is zero due to electricity consumption coming from 100% renewable sources. The data reported in the Company's Integrated Report 2021, considers the total emissions of the company CSN Mineração, scope 1 and 2. The emission intensity was reported 6.58 kgCO2e/ton of ore produced.

⁴ For the year 2022 Alhandra came to be considered in the data management of CSN Cimentos.

⁵ Rate considers (CAF+SAF - own and third/1 million hours worked)

ENVIRONMENTAL MANAGEMENT
Mining and Cements
Electrification of vehicles in Casa de Pedra and CSN Cimentos

In July 2022, in a ceremony held in Congonhas, 2 electric trucks produced by Sany were symbolic delivery and that will be used in the movement of tailings in the Casa de Pedra mine. These equipment's are part of the company's fleet renewal plan. The forecast is initially to electrify the fleet of lighter vehicles within 4 years.

Also in a pioneering way, CSN Cimentos has partnered with Sany to test a 100% electric truck in its operations. The truck will be used in limestone mining activities, making the company the first cement company in Brazil to use electric trucks in its fleet.

Co-processing in Arcos

CSN Cimentos, arcos unit, started waste co-processing operations in June 2022.

The new process seeks to optimize the fossil fuel matrix, reducing the consumption of petroleum coke, with partial replacement by solid waste (pieces of wood, tire chip, among others), contributing to the reduction of CO2 emissions. With the implementation of the co-processing process in oven 2, the intensity of GHG emissions decreased by 5% compared to May 2022, considering only 15 days of operation. Thus, the expectation is that even more expressive results will be achieved in the coming months, with a significant reduction in emissions for the year 2022.

NATURAL CAPITAL - ENVIRONMENTAL INDICATORS

- Management of air quality indicators

Air quality CSN ¹	Unit	2Q21	2Q22	Δ%
NOX Emission	t	1,489	1,118	-25
SOX issue	t	930	798	-14
MP issue	t	835	867	+4

- Water management

CSN ² Water Management	Unit	2Q21	2Q22	Δ%
Water catchment	Megaliters	22,461	22,045	-2
Water disposal	Megaliters	16,977	17,872	+5
Water consumption	Megaliters	5,421	4,173	-23

(2) Considers all steel units and cement plants in Brazil

CSN Water Management	Unit	2021	Accumulated 2022	Δ%
Intensity by steel production	M ³ /ton of steel	18.94	20.33	+7
Intensity per cement production	M ³ /ton of cement	0.07	0.06	-14
Intensity by ore production	M ³ /ton of ore	0.21	0.25	+20

- Waste management

Waste Management CSN ³	Unit	2Q21	2Q22	Δ%
Waste generation Class 14	Tons	2,805.35	4,920.03	+75
Class 2 waste generation	Tons	642,440.92	651,592.65	+1
Percentage sent for reuse and reprocessing	%	96%	90%	-6

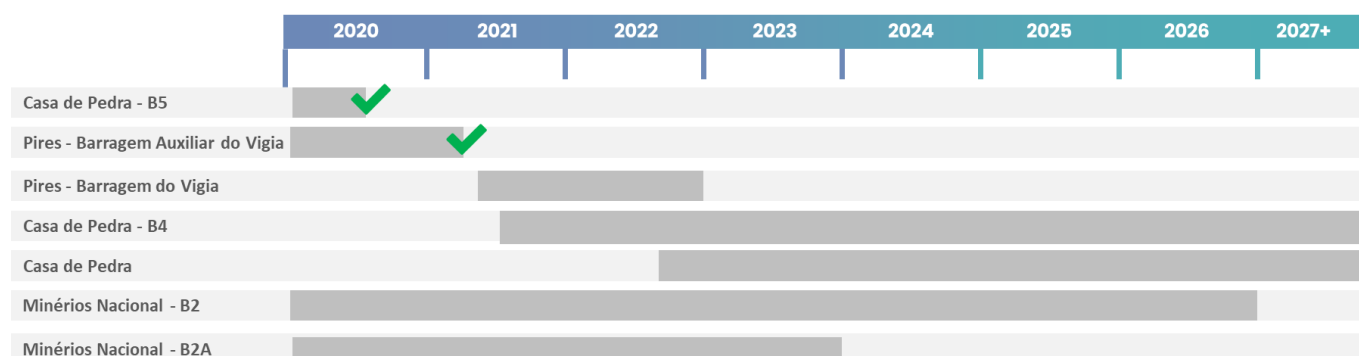
(3) Considers all steel units and cement plants in Brazil

(4) Due to the demolition and refurbishment of the coke Battery #3 in the UPV, there was an increase in Class I Residue in the unit.

DAM MANAGEMENT

In the second quarter of 2022, the Vigia Auxiliary Dam was definitively disregarded and deregistered as a dam of FEAM (State Environmental Foundation) and ANM (National Mining Agency) which removed the structure of the SIGBM (Integrated Mining Dam Management System) register.

Next quarter, it is expected to be completed the decharacterization work of the Vigia Dam, belonging to the Casa de Pedra Complex.



SOCIAL DIMENSION
HEALTH AND SAFETY AT WORK

Health and safety at work	2Q21	2Q22	Δ%
Number of accidents with and without leave (own)	30	23	-23
Number of accidents with and without leave (third parties)	20	14	-30
Fatality (own)	0	1	-
Fatality (third parties)	0	0	-
Frequency rate of mandatory reporting accidents (factor of 200,000 HHT)	0.52	0.38	-27
Frequency rate of mandatory communication work accidents (factor 1 MM HHT)	2.60	1.91	-27
Accident severity rate (factor of 200,000 HHT)	18	72	+300
Accident severity rate (1MM HHT factor)	88	360	+309

PEOPLE MANAGEMENT

Employment ¹	Unit	2Q21	2Q22	Δ%
Women on staff	%	16.4	19.2	+17
Women in leadership positions	%	11.1	11.8	+6
People with disabilities	%	1.1	1.3	+18
Racial Diversity				
• Yellow	%	1.3	1.4	+8
• White	%	43.4	42.7	-2
• Indigenous	%	0.3	0.3	0
• Black	%	14.3	14.8	+3
• Brown	%	37.0	38.2	+3
• Not informed	%	3.52	2.6	-26
Turnover	%	1.2	1.3	+8

¹The data does not consider employees "Non-CLT" and "Internship Program"

Training	Unit	2Q21	2Q22	Δ%
Training hours	Hours	103,560	101,917	-2
Trained employees	Number	8,471	7,592	-10
Investment in training	BRL	557,719	697,261	+25

VALUE CHAIN

Sustainable Value Chain	Unit	2Q21	2Q22	Δ%
Purchases from local suppliers	%	33.5	30.6	-8.7

SOCIAL RESPONSIBILITY

With the commitment to transform lives and communities around CSN's operations in the second quarter of 2022, the CSN Foundation participated in the "Walk for Peace", with approximately 4,000 people. Event held in conjunction with UNAS (Union of Nuclei, Associations of Residents of Heliopolis and Region), of which it is a partner of Garoto Cidadão, a project of the CSN Foundation active in the three CCAS of the Heliopolis region.

In Congonhas, we conducted a training in partnership with the Municipal Council for the Rights of Children and Adolescents (CMDCA), the Department of Education and the Secretariat of Social Assistance, to dialogue on children's rights and their understanding of their rights. In addition, the "Know to prevent" questionnaire was applied, with the intention of diagnosing the understanding of children and adolescents regarding the violation of their rights, in all we obtained approximately 1,200 responses.

The CSN Foundation materializes the SDDs in its programs and projects, with the involvement in the dissemination of knowledge about the SDDs and the 2030 Agenda.



In addition to these actions, the Foundation maintained its projects, obtaining at the end of the second quarter of 2022:

	1Q22	2Q22
Impacted young people¹	3,483	3,981
Public cultural initiatives	3,387	69,673

¹ Young people impacted by the projects Citizen Boy, Empower, Young Apprentice, Internship, Steel Drums and Football

² Public present in the public presentations, carried out by the projects: Citizen Boy, Truck, Steel Drums, Cultural Center and Stories that stay.

The CSN Foundation also acts in support of CSN with the selection of projects from other entities to expand its social performance through tax incentive laws. Thus, we analyze external projects for CSN to evaluate and select projects that will be sponsored through tax incentive laws. The initiative must be aligned with the company's objectives in transforming people's society and lives. BRL 1.03 million were invested by the end of the second quarter of 2022.

Capital Markets

In the second quarter of 2022, CSN shares devalued 40.6%, while the Ibovespa index fell 18.06%. The average daily value of CSNA3 shares traded at B3 was BRL 309.6 million. On the New York Stock Exchange (NYSE), the Company's American Depositary Receipts (ADRs) devaluation was 45.9%, while Dow Jones fell 11.2%. The average daily ADRs (SID) trading on the NYSE was USD 25.8 million.

	2Q22
Number of shares in thousands	1,326,094.0
Market Value	
Closing Quote (BRL/share)	15.44
Closing Quote (USD/ADR)	2.93
Market Value (BRL million)	20,475
Market Value (USD million)	3,885
Change in period	
CSNA3 (BRL)	-40.6%
SID (USD)	-45.9%
Ibovespa (BRL)	-18.1%
Dow Jones (USD)	-11.2%
Volume	
Daily average (thousand shares)	11,899
Daily average (BRL thousand)	309,605
Daily average (thousand ADRs)	5,101
Daily average (USD thousand)	25,767

Source: Bloomberg

Results Conference Call:

2Q22 Presentation Webcast	Investor Relations Team
<p>Conference call in Portuguese with Simultaneous Translation in English</p> <p>August 16, 2022</p> <p>11:30 am (Brasilia time)</p> <p>10:30 am (New York Time)</p> <p>+55 11 3181-8565 / +55 11 4090-1621</p> <p>Code: CSN</p> <p>Tel. Replay: +55 11 4118-5151</p> <p>Replay code: 219011</p> <p>Webcast: click here</p>	<p>Marcelo Cunha Ribeiro - CFO and EXECUTIVE DIRECTOR OF RI</p> <p>Pedro Gomes de Souza (pedro.gs@csn.com.br)</p> <p>Danilo Dias (danilo.dias.dd1@csn.com.br)</p> <p>Rafael Byrro (rafael.byrro@csn.com.br)</p>

Some of the statements contained herein are future perspectives that express or imply expected results, performance or events. These perspectives include future results that may be influenced by historical results and statements made in 'Perspectives'. Current results, performance and events may differ significantly from hypotheses and perspectives and involve risks such as: general and economic conditions in Brazil and other countries; interest rate and exchange rate levels, protectionist measures in the U.S., Brazil and other countries, changes in laws and regulations, and general competitive factors (globally, regionally or nationally).

INCOME STATEMENT
CONSOLIDATED - Corporate Law - In Thousands of Reais

	2Q22	1Q22	2Q21
Net Sales Revenue	10,565,922	11,769,866	15,391,573
Domestic Market	5,818,583	5,673,271	6,495,191
External Market	4,747,339	6,096,595	8,896,382
Cost of Goods Sold (COGS)	(7,560,441)	(7,287,285)	(7,111,092)
COGS, no Depreciation and Exhaustion	(6,927,822)	(6,662,431)	(6,617,466)
Depreciation/Exhaustion answered at cost	(632,619)	(624,854)	(493,626)
Gross Profit	3,005,481	4,482,581	8,280,481
Gross Margin (%)	28%	38%	54%
Sales Expenses	(500,702)	(440,786)	(677,771)
General and Administrative Expenses	(139,880)	(135,924)	(139,001)
Depreciation and Amortization in Expenses	(10,272)	(10,616)	(8,862)
Other Net Income (Expenses)	(637,755)	(359,180)	(401,386)
Equity Income	54,406	19,259	55,121
Operating Income Before Financial Results	1,771,278	3,555,334	7,108,582
Net Financial Results	(890,012)	(1,125,237)	(339,051)
Result Before Tax and Social Contribution	881,266	2,430,097	6,769,531
Income Tax and Social Contribution	(511,935)	(1,066,154)	(1,256,871)
Net Income (Loss) for the Period	369,331	1,363,943	5,512,660

**BALANCE SHEET
CONSOLIDATED - Corporate Law - In Thousands of Reais**

	2Q22	1Q22	2Q21
Current Assets	31,779,628	31,829,453	38,801,277
Cash and Cash Equivalents	14,923,694	13,300,704	21,756,753
Financial Investments	1,628,846	2,429,163	3,564,127
Accounts Receivable	2,744,419	4,091,114	5,308,206
Inventory	10,564,327	10,235,276	7,050,184
Taxes to be recovered	1,362,435	1,255,634	730,542
Other Current Assets	555,907	517,562	391,465
Prepaid Expenses	287,894	277,089	182,842
Dividends to be received	61,924	76,904	38,086
Derivative financial instruments	45,161	3,537	5,679
other	160,928	160,032	164,858
Non-Current Assets	45,059,479	43,318,495	40,638,846
Long-Term achievable	11,141,960	10,192,025	9,539,821
Financial Investments Valued at Amortized Cost	144,828	130,039	118,790
Inventory	798,765	703,008	428,434
Deferred Taxes	4,456,818	3,809,566	4,253,337
Other Non-Current Assets	5,741,549	5,549,412	4,739,260
Taxes to be recovered	871,175	947,678	922,546
judicial deposits	356,865	346,854	345,915
Prepaid expenses	114,105	124,975	121,036
Credits Related Parties	2,506,658	2,329,516	1,810,489
other	1,892,746	1,800,389	1,539,274
Investments	4,471,970	4,051,900	3,942,510
Equity Interests	4,311,326	3,890,482	3,784,110
Investment Properties	160,644	161,418	158,400
Immobilized	21,897,171	21,513,796	19,905,158
Fixed assets in operation	21,305,387	20,934,507	19,395,983
Right of Use in Lease	591,784	579,289	509,175
Intangibles	7,548,378	7,560,774	7,251,357
TOTAL ASSET	76,839,107	75,147,948	79,440,123
CURRENT LIABILITIES	18,893,500	19,261,034	18,963,270
Social and Labor Obligations	385,470	346,426	360,453
Suppliers	5,842,677	5,925,260	7,001,074
Tax Obligations	1,219,616	1,062,349	3,162,737
Loans and Financing	4,928,846	4,488,689	4,093,782
Other Obligations	6,451,765	7,376,262	4,257,123
Dividends and JCP payable	454,089	1,124,427	64,170
Advance of customers	1,052,495	1,202,836	1,174,901
Suppliers - Risk Withdrawn	4,170,914	4,006,322	2,190,459
Rental Liabilities	127,991	120,952	93,501
Other obligations	646,276	921,725	701,937
Tax, Social Security, Labor and Civil Provisions	65,126	62,048	88,101
Non-Current Liabilities	34,087,866	30,786,050	35,380,738
Loans, Financing and Debentures	29,822,652	26,395,377	30,504,498
Other obligations	1,930,764	1,903,302	2,169,975
Other obligations	913,565	783,706	1,253,637
Other obligations	502,232	491,713	436,725
Derivative financial instruments	80,615	117,174	73,268
Other Obligations	434,352	510,709	406,345
Deferred Taxes	301,300	467,673	574,492
Tax, Social Security, Labor and Tax Provisions	511,772	509,841	521,777
Other Provisions	1,521,378	1,509,857	1,609,996
Provisions for Environmental Liabilities and Deactivation	937,090	925,569	851,570
Pension and Health Plan	584,288	584,288	758,426
Equity	23,857,741	25,100,864	25,096,115
Realized Share Capital	10,240,000	10,240,000	6,040,000
Capital Reserve	32,720	32,720	32,720
Profit Reserves	9,697,708	9,714,663	5,824,350
Accumulated Profit	1,403,728	1,206,402	10,205,786
Other Comprehensive Results	(108,673)	689,544	(386,163)
Participation Non-Controlling Shareholders	2,592,258	3,217,535	3,379,422
TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY	76,839,107	75,147,948	79,440,123

**CASH FLOW STATEMENT
CONSOLIDATED - Corporate Law - In Thousands of Reals**

	2Q22	1Q22
Net Cash Flow from Operating Activities	2,876,018	(3,859,665)
Net income / (Loss) for the year attributable to controlling shareholders	197,326	1,206,402
Net income / (Loss) for the year attributable to non-controlling shareholders	172,005	157,541
Charges on loans and financing raised	664,924	458,222
Charges on loans and financing granted	(37,686)	(32,028)
Charges on rental liabilities	17,974	16,150
Depreciation, exhaustion and amortization	662,247	657,803
Equity income	(54,406)	(19,259)
Deferred taxes	(179,392)	487,280
Tax, social security, labor, civil and environmental provisions	4,035	2,155
Net monetary and exchange variations	289,188	(1,150,473)
Asset and intangible losses	(1,351)	7,963
Update actions - VJR	823,309	209,747
Receivables for indemnification	7,381	(7,381)
Passive environmental provisions and deactivation	11,521	26,972
Usiminas Dividends	(103,672)	-
Provision (Reversal) for consumption and services	14,068	(2,777)
Other provisions	13,139	(20,554)
Change in assets and liabilities	894,310	(5,341,206)
Accounts receivable - third parties	1,613,419	(2,599,802)
Accounts receivable - related parties	2,410	37,822
Inventories	(565,328)	234,052
Dividends and related share credits	103,672	-
Taxes to Compensate	(30,300)	417,063
Judicial Deposits	(10,011)	(7,049)
Suppliers	(127,848)	(488,796)
Suppliers - Risk Withdrawn and Forfeiting	164,592	(433,645)
Salaries and social charges	37,808	23,976
Tributes / Refis	98,300	(2,391,121)
Accounts payable - related parties	54,930	(2,871)
Advance of customers - Glencore	(248,154)	(144,851)
Other	(199,180)	14,016
Other payments and receipts	(518,902)	(516,222)
Paid Interest	(541,188)	(516,222)
Receipt/Payment of cash flow hedge operations	22,286	-
Cash Flow from Investment Activities	(1,467,632)	(928,345)
Investments/AFAC	(142,740)	(129,499)
Fixed Asset Acquisition, investment property and intangible assets	(838,418)	(700,988)
Loans granted - related parties	(3,988)	(108,705)
Financial application, net redemption	(22,819)	10,847
Acquisition of investments Topaz Energética, Santa Ana and Brasil Central	(466,153)	-
Cash received from the investment aquisition - Topaz and Santa Ana	6,486	-
Cash Flow from Financing Activities	239,565	1,397,090
Borrowings loans and financing	3,898,559	5,647,241
Amortization loans - main	(2,249,197)	(3,685,038)
Borrowing Cost	(173,768)	(58,421)
Lease amortization	(33,408)	(32,729)
Dividends and interest on equity paid	(1,183,573)	(82,443)
Repurchase of treasury shares	(19,048)	(391,520)
Exchange Variation on cash and cash equivalents	(24,961)	45,143
Increase (Decrease) in Cash and Cash Equivalents	1,622,990	(3,345,777)
Cash and cash equivalents at the beginning of the period	13,300,704	16,646,480
Cash and cash equivalents at the end of the period	14,923,694	13,300,704