



4Q22 AND 2022 FINANCIAL RESULTS

March 08, 2023



Companhia Siderúrgica Nacional

São Paulo, March 8, 2023 - **Companhia Siderúrgica Nacional** ("CSN") (B3: CSNA3) (NYSE: SID) **discloses its fourth quarter of 2022 (4Q22) and 2022 yearly** 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 **fourth quarter of 2022 (4Q22)** and the compared are for the third quarter of 2022 (3Q22), the fourth quarter of 2021 (4Q21) and the year 2021. The price of the dollar was BRL 5.58 at 12/31/2021; BRL 5.41 on September 30, 2022, and BRL 5.22 on 12/31/2022.

4Q22 Operational and Financial Highlights

15% GROWTH IN ADJUSTED EBITDA FOR THE QUARTER, SUPPORTED BY THE MINING SEGMENT AND THE INTEGRATION OF THE LATEST ACQUISITIONS

Despite a quarter marked by seasonality and greater economic uncertainties, CSN was able to show growth in operating results, with the mining segment offsetting the weaker performances recorded in the steel industry.

As a result, **4Q22 Adjusted EBITDA reached BRL 3.1 billion** and with an EBITDA margin of 27%. In the year, Adjusted EBITDA was BRL 13.8 billion, with a margin of 30%.

STEEL INDUSTRY MARKED BY SEASONALITY ON 4Q22, BUT THE YEAR'S PERFORMANCE SHOWS A MUCH MORE RESILIENT COMPANY

Even with a lower production cost, the steel industry's result was impacted by a weaker trading pace at the end of the year and lower price dynamics.

On the other hand, CSN's performance throughout 2022 **reinforces the Company's resilience** by delivering an over 20% margin, even considering the pressures in raw material costs and a decrease in international market prices.

CIMENTOS BRASIL (EX-LAFARGEHOLCIM BRASIL) CONSOLIDATION GENERATES A RECORD RESULT IN THE CEMENT SEGMENT

Net revenue reached an **all-time high** of BRL 1.2 billion in 4Q22, driven by the consolidation of the latest acquisitions and a further pulverized sales channel. On the other hand, the period profitability was impacted by higher production costs and pressures on raw material costs.

The expectation for 2023 is to accelerate the capture of synergies and take advantage of the favorable dynamics of the sector.

STRONG COMMERCIAL DYNAMISM ON MINING GENERATED THE BEST QUARTER OF THE YEAR IN TERMS OF SALES, WITH IMPROVEMENT IN REALIZED PRICES

The quarter was marked by strong sales volume and favorable price dynamics. As a result, **mining segment** accrued an **Adjusted EBITDA of BRL 1,779 million** and with a profitability that exceeded the 50% mark.

For 2023, the perspective is for production growth, with a greater iron ore quality and prices that are surprising positively.

CEEE-G INCORPORATION IN THE ENERGY SEGMENT

The incorporation of CEEE-G opens up a **new avenue of opportunities** for CSN's energy segment and the benefits of self-production and the sales of energy surplus will be even more relevant throughout 2023.

On the other hand, the closing of the acquisition and the disbursement with the concession concentrated in 4Q22, ended up **temporarily pressuring CSN leverage**.

ESG

CSN received a new rating from **Sustainalytics**, reducing from 39.1 to 26.0 the ESG risk score. Of the 155 steel and mining companies evaluated globally, **CSN achieved the 4th best score in the industry**.

CSN was also the only Brazilian company in the steel, mining and construction sectors named in the **S&P Global Sustainability Yearbook 2023**, ranked as the company in the steel industry that has **made the most progress in ESG practices in the world**, receiving the stamp of "Industry Mover".

Consolidated Table - Highlights

	4Q22	3Q22	4Q22 X 3Q22	4Q21	4Q22 X 4Q21	2022	2021	2022 x 2021
Steel Sales (Thousand Tones)	1,008	1,160	-13%	1,023	-1%	4,390	4,603	-5%
- Domestic Market	740	859	-14%	690	7%	3,077	3,176	-3%
- External Market	268	301	-11%	333	-20%	1,313	1,427	-8%
Iron Ore Sales (Thousand Tones)	9,729	9,095	7%	7,719	26%	33,547	33,236	1%
- Domestic Market	1,038	1,122	-7%	1,190	-13%	4,355	4,919	-11%
- External Market	8,691	7,973	9%	6,529	33%	29,192	28,317	3%
Consolidated Results (R\$ million)								
Net Revenue	11,129	10,897	2%	10,361	7%	44,362	47,912	-7%
Gross Profit	3,281	2,538	29%	3,755	-13%	13,308	22,075	-40%
Adjusted EBITDA ⁽¹⁾	3,123	2,714	15%	3,727	-16%	13,817	22,002	-37%
EBITDA margin %	27.1%	23.9%	<i>3.2 p.p.</i>	34.9%	<i>-7.8 p.p.</i>	30.1%	44.8%	<i>-14.7 p.p.</i>
Adjusted Net Debt ⁽²⁾	30,471	24,300	25%	16,772	82%	30,472	16,772	82%
Adjusted Cash/Disponibilities ⁽²⁾	12,586	15,055	-16%	17,593	-28%	12,586	17,593	-28%
Net Debt / Adjusted EBITDA	2.21x	1.69x	31%	0.76x	190%	2.21x	0.76x	190%

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 totaled BRL 11,129 million** in the 4Q22, which represents a 2.1% increase when compared to 3Q22 as a consequence of the higher volume of iron ore sold in the period, in addition to the higher realized price and the positive effect of the incorporation of Cimentos Brasil (ex-Lafarge Holcim Brasil) in the consolidated results. These factors eventually compensated for the weaker dynamics observed in the steel market at the end of the year. In 2022, net revenue totaled BRL 44,362 million, an annual reduction of 7.4% due mainly to operational challenges in mining, related to a high volume of rainfall observed at the beginning of the year, in addition to all the instability in international iron ore prices. The result, however, was partially offset by important acquisitions made by the Company, such as Cimentos Brasil and CEEE-G, both with their results consolidated now in 4Q22.
- The **cost of goods sold (COGS)** totaled BRL 7,847 million in 4Q22, a reduction of 6.2% compared to the previous quarter, as a result of the reduction in the costs of some raw materials such as coke and coal, in addition to a greater dilution of fixed costs due to the increase in mining sold volumes. In 2022, the COGS totaled BRL 31 billion, representing an increase of 20% compared to 2021, due to higher raw material costs throughout the year, mainly in the steel industry.
- As a consequence of lower cost pressure, the **gross margin** for the quarter reached 29.5%, meaning an increase of 6.2 p.p. compared to 3Q22. This performance mainly reflects the operational improvement observed in the mining segment and the reduction of raw material costs in the steel industry. In 2022, however, gross margin reached 30% and was 16.1 p.p. lower than in 2021, a year marked by extraordinary results due to the strong commodities prices.
- **Sales, general and administrative expenses totaled BRL 1,213 million** in 4Q22, 52% higher than in the previous quarter as a consequence of the higher volume of iron ore traded and the incorporation of Cimentos Brasil's operations, which ended up compensating for a seasonal weaker quarter on sales for the Brazilian market. In 2022, expenses totaled BRL 3,250 million, 9.8% higher than in 2021.
- The group of **other operating income and expenses** was negative in BRL 952 million in 4Q22, mainly as a result of the cash flow hedge accounting operations that totaled BRL 640 million in the period. In the year, the net result was negative in BRL 2.7 billion, a reversal of results when compared to 2021, which was positively impacted by the iron ore hedge that was not continued in 2022.
- In 4Q22, the **financial result** was negative in BRL 1,181 million, representing an increase of 271% compared to the previous quarter, as a consequence of a higher costs of debt, in addition to the negative effect of exchange variation. In the year, the financial result was negative by BRL 3.5 billion, mainly impacted by the increase in interest paid in the period and the negative adjustment in Usiminas' share value observed in the year.

	4Q22	3Q22	4Q22 x 3Q22	4Q21	4Q22 x 4Q21	2022	2021	2022 x 2021
Financial Result - IFRS	(1,181)	(318)	272%	(460)	157%	(3,514)	(1,944)	81%
Financial Revenue	285	330	-14%	88	224%	1,147	1,167	-2%
Financial Expenses	(1,466)	(648)	126%	(548)	168%	(4,661)	(3,111)	50%
Financial Expenses (ex-exchange rate variation)	(1,214)	(1,128)	8%	(732)	66%	(5,351)	(3,141)	70%
Result with exchange rate variation	(252)	480	n.a.	184	n.a.	690	30	2201%
Monetary and Exchange Rate Variation	(115)	468	n.a.	202	n.a.	833	31	2587%
Derivatives Result	(137)	12	n.a.	(18)	661%	(143)	(1)	14183%

- The **equity result** was positive at R\$ 71 million in 4Q22, a reduction of 24% compared to the last quarter, as a consequence of seasonality with a weaker performance of MRS, caused by the constant rains recorded in the quarter. In 2022, equity reached R\$ 238 million, an annual increase of 30% due to MRS's solid operating performance throughout the year.

	4Q22	3Q22	4Q22 x 3Q22	4Q21	4Q22 x 4Q21	2022	2021	2022 x 2021
MRS Logística	92	119	-23%	25	268%	325	260	25%
TLSA	(6)	(7)	-14%	(7)	-14%	(29)	(47)	-38%
Arvedi Metalfer BR	2	-	n.a.	-	n.a.	5	4	25%
Equimaq S.A	1	1	0%	(1)	-200%	3	(1)	n.a.
Others	(1)	(2)	-50%	-	n.a.	(3)	-	n.a.
Eliminations	(17)	(17)	0%	2	n.a.	(63)	(33)	91%
Equity Result with Affiliated Companies	71	94	-24%	19	274%	238	183	30%

- In 4Q22, CSN recorded a **Net Income of BRL 197 million**, even considering the greater impacts with financial expenses and exchange variation verified in the period. In 2022, net income was R\$ 2.2 billion, a reduction of 84% compared to 2021, a period marked by the Company's historical record of profitability and by the effect of CSN Mineração's IPO.

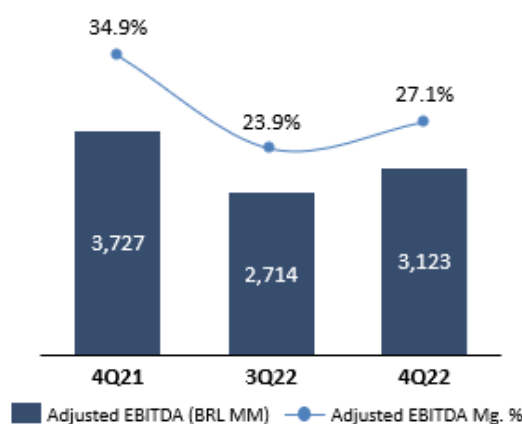
Adjusted EBITDA

	4Q22	3Q22	4Q22 X 3Q22	4Q21	4Q22 X 2Q21	2022	2021	2022 x 2021
Profit (Loss) for the Period	197	238	-17%	1,061	-81%	2,168	13,596	-84%
Depreciation	826	689	20%	623	33%	2,793	2,115	32%
Income Tax and Social Contribution	(190)	571	n.a.	1,054	n.a.	1,959	5,000	-61%
Finance Income	1,181	318	271%	460	157%	3,514	1,944	81%
EBITDA (ICVM 527)	2,014	1,816	11%	3,198	-37%	10,434	22,655	-54%
Other Operating Income (expenses)	952	707	35%	385	147%	2,656	(1,242)	n.a.
Free Cash Flow Hedge Accounting - Exchange rate	588	418	41%	208	183%	1,427	525	172%
Free Cash Flow Hedge Accounting - Platts Index	52	-	n.a.	-	n.a.	52	28	86%
Net gain sales of CSN Mineração Shares	-	-	0%	-	0%	-	(2,472)	n.a.
Other	312	289	8%	177	76%	1,177	677	74%
Equity Results of Affiliated Companies	(71)	(94)	-24%	(19)	274%	(238)	(183)	30%
Proportional EBITDA of Jointly Owned Subsidiaries	228	285	-20%	163	40%	965	772	25%
Adjusted EBITDA	3,123	2,714	15%	3,727	-16%	13,817	22,002	-37%

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

- Adjusted EBITDA in 4Q22** was BRL 3,123 million, with an adjusted EBITDA margin of 27.1% or 3.2 p.p. above the one recorded last quarter. This operational increase is a direct consequence of the improvement in mining results, which accounted for 57% of the quarter's performance and more than offset the weaker dynamics observed for the steel segment. In 2022, Adjusted EBITDA reached BRL 13,817 million, a 30.1% lower result than in 2021, due to lower operating results for the year, reflecting price reductions in iron ore and higher raw material costs in the steel segment.

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

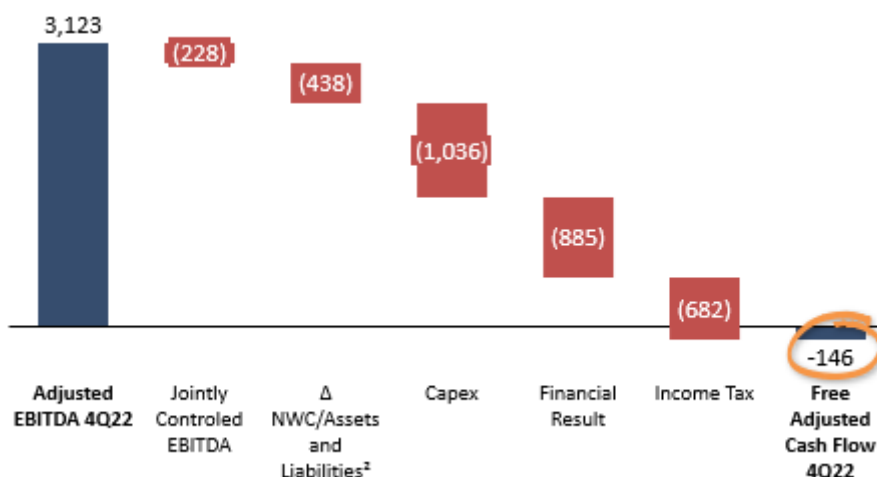


¹ Adjusted EBITDA Margin is calculated from the division between Adjusted EBITDA and Adjusted Net Revenue, which considers the 100% stakes in CSN Mineração's consolidation and 37.27% in MRS.

Adjusted Cash Flow¹

Adjusted Cash Flow in 4Q22 was negative in BRL 146 million, affected mainly by the higher volumes of Capex and financial expenses, in addition to the increase in taxes paid in the period.

Adjusted Cash Flow¹ on 4Q22 (BRL MM)



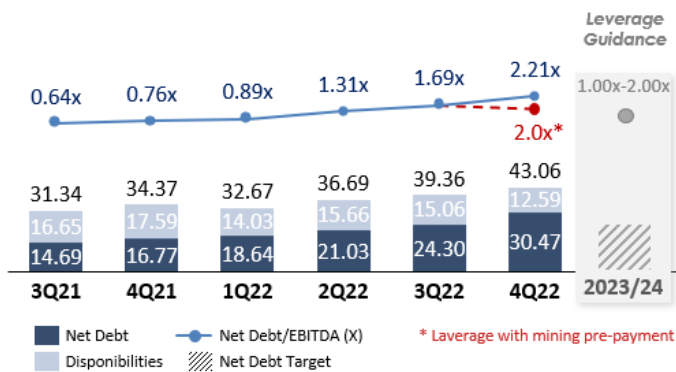
¹ The concept of adjusted cash flow is calculated from adjusted Ebitda, subtracting Ebitda from Jointly Controlled Companies, CAPEX, IT, Financial Results and Changes in Assets and Liabilities², excluding the effect of the Glencore advance.

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

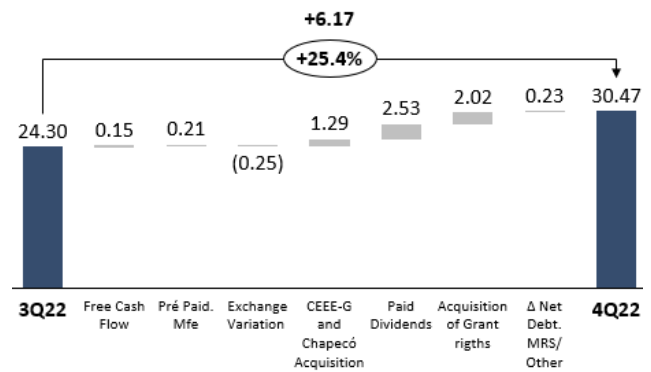
Indebtedness

As of December 31, 2022, consolidated net debt reached BRL 30,471 million, with the leverage indicator measured by the Net Debt/EBITDA ratio reaching 2.2x. This increase on leverage is a consequence of a series of disbursements made through the period, mainly those related to the acquisition of CEEE-G like the disbursement of BRL 2.0 billion regarding the concession payment, in addition to distribution of dividends. However, when considering the resources with prepayment of iron ore obtained in January in the debt at the end of the year, the leverage would be 2.0x and within the guidance disclosed by CSN, which reinforces the transitory and exceptional effect of this leverage above the ceiling. Additionally, even with the largest volume of financial disbursements, CSN maintained its policy of carrying a high cash, which in this quarter reached the level of BRL 12 billion.

Leverage, Liquidity And Net Debt (BRL Billions; Net Debt / Ebitda (X))



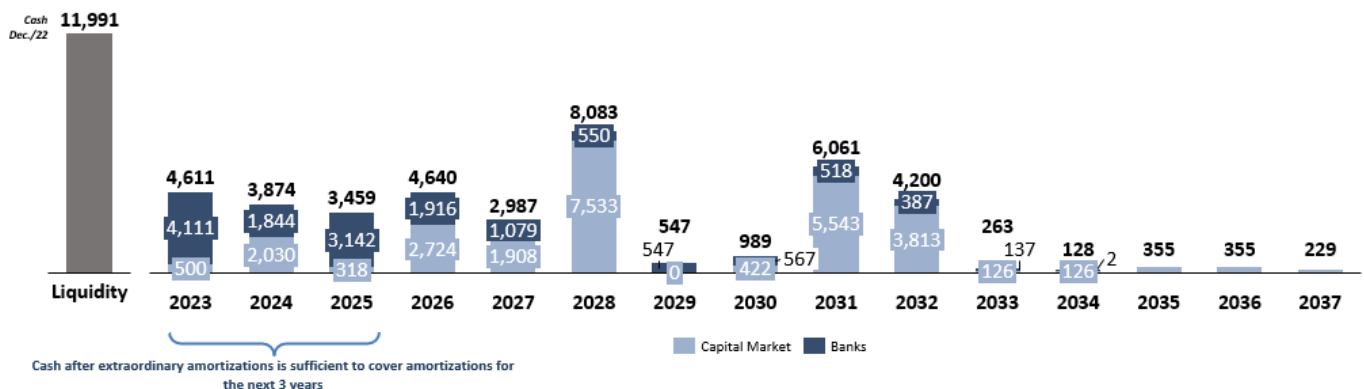
Net Debt Build-Up (BRL Billion)



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

The Company remains active in its goal of extending the amortization period, focusing on long-term operations and the local capital market. Among the main movements of 4Q22, the 12th and 13th debentures were issued, in the amount of BRL 1.9 billion, with maturities in 2027, in addition, the conclusion of the 1st issue of debentures from the Company's subsidiary Prada in the amount of BRL 130 million maturing in 2024 and the 1st debenture issue of the State Electric Power Generation Company - CEEE-G, in the amount of BRL 1.9 billion. also maturing in 2024.

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

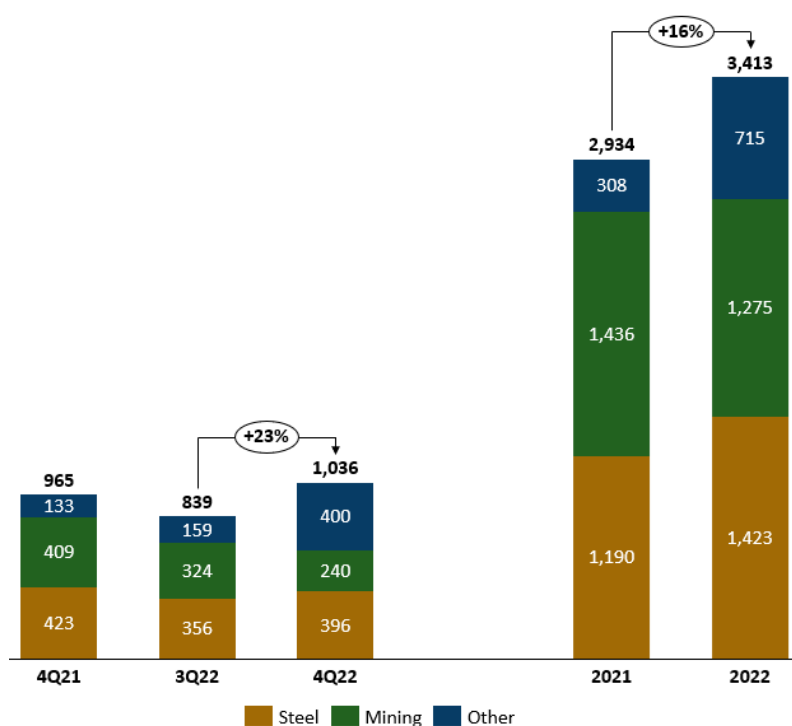
The accumulated net foreign exchange exposure in the 2022 balance was USD 779 million, as shown in the table below, resulted from the increase in the Hedge Accounting operations and in line with the company's policy of minimizing the impacts of exchange rate volatility on the result.

The Hedge Accounting adopted by CSN correlates the projected flow of dollar exports with future debt maturities in the same currency. Thus, the exchange variation of the dollar debt is temporarily recorded in the equity, being brought to the result when the dollar revenues from said exports occur.

USD MM	4Q22	3Q22	4Q22 x 3Q22	4Q21	2022 x 2021
Cash	1,191	1,354	-12%	1,656	-28%
Accounts Recivables	316	156	103%	15	2007%
Short Term investments	27	25	8%	24	13%
Loans and Financing	(4,594)	(4,499)	2%	(3,866)	19%
Suppliers	(366)	(514)	-29%	(614)	-40%
Other	(23)	(88)	-74%	48	n.a.
Natural Foreign Exch. Exposure (Assets - Liabilities)	(3,449)	(3,566)	-3%	(2,737)	26%
Cash Flow Hedge Accounting	4,410	3,965	11%	2,655	66%
NDF Real vs Dollar	(115)	(115)	0%	-	n.a.
Swap CDI vs Dollar	(67)	(67)	0%	(67)	0%
Net Foreign Exchange Exposure	779	217	259%	(149)	-623%

Investments

A total of BRL 1,036 million were invested in 4Q22, a performance 23% higher than the amount invested on last quarter, as a consequence of the acquisition of large equipment's for cement operations and the incorporation of current investments on the operations of Cimentos Brasil. In the year, BRL 3,413 million were invested, an increase of 16% compared to 2021, mainly impacted by the Cimentos Brail incorporation and the acceleration of Capex at the end of the year.



Net Working Capital

The Net Working Capital (NWC) applied to the business **totaled BRL 2,480 million in 4Q22**, an increase of 85% when compared to 3Q22 as a consequence of the punctual increase in inventories and accounts receivable, partially offset by the increase with suppliers. Compared to the same period last year, the Company's NWC was 66% higher, mainly impacted by the increase in receivables due to longer receipt times.

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

	4Q22	3Q22	4Q22 x 3Q22	4Q21	2022 x 2021
Assets	16,689	15,242	9%	15,472	8%
Accounts Receivable	3,233	2,733	18%	2,597	24%
Inventory ³	11,302	10,429	8%	11,076	2%
Taxes to Recover	1,482	1,365	9%	1,408	5%
Anticipated Expenses	348	497	-30%	225	55%
Other Assets NWC ¹	324	218	49%	166	95%
Liabilities	14,209	13,899	2%	13,886	2%
Suppliers	11,924	11,667	2%	10,784	11%
Payroll and Related taxes	690	680	1%	553	25%
Taxes Payable	624	739	-16%	657	-5%
Advances from Clients	365	385	-5%	1,269	-71%
Other Liabilities ²	606	428	42%	623	-3%
Net Working Capital	2,480	1,343	85%	1,586	56%

Operational Indicators	4Q22	3Q22	4Q22 x 3Q22	4Q21	2022 x 2021
Turnover ratio (days) Receivable	23	19	4	20	3
Turnover ratio (days) Inventory	119	102	17	140	-21
Turnover ratio (days) Suppliers	143	132	11	134	9
Financial Cycle	-1	-11	10	26	-27

¹ Other CCL Assets: Considers advance employees 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 are not considered the balances of warehouse stocks.

Dividends

As disclosed on the Material Fact published on November 21, 2022, through the Asset Restructuring Agreement entered into between Rio Purus Participações S.A. and CFL Participações S.A. ("CFL"), the shareholders committed to vote in favor of the distribution of dividends of up to BRL 2.3 billion at the 2023 Annual General Meeting. Therefore, the proposal for the allocation of results for the year 2022 reflects this amount, already considering the R\$ 700 million declared as interest on equity on December 23, 2022.

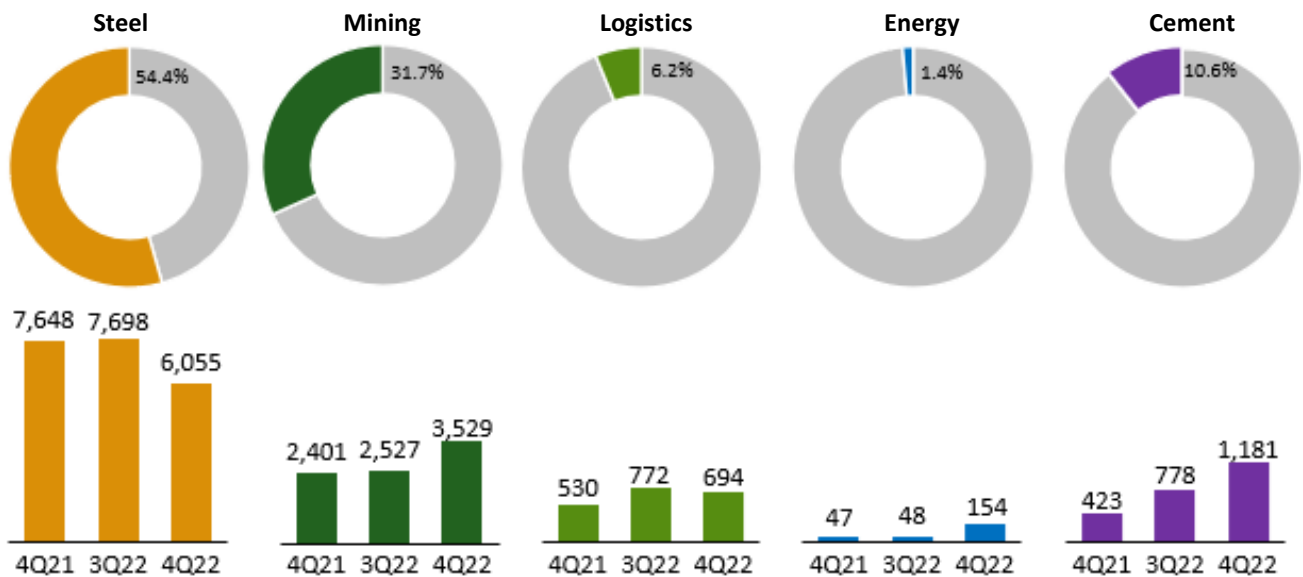
Closing of the CEEE-G

On October 21, 2022, the Company concluded the acquisition process of 66.23% of the shares issued by the State Companhia Estadual de Geração de Energia Elétrica – CEEE-G for the total price of BRL 928 million. The process also included the disbursement of more BRL 2.0 billion for the grant bonus. Additionally, on December 22, 2022, CSN acquired another 32.74% stake of CEEE-G, for the transfer of shares held by Centrais Elétricas Brasileiras S/A, in the amount of BRL 367 million. As a result, CSN now holds 99.0% of CEEE-G, adding 910Mw of Installed Capacity, with 15 own assets, 11 minority interests and 3 wind projects.

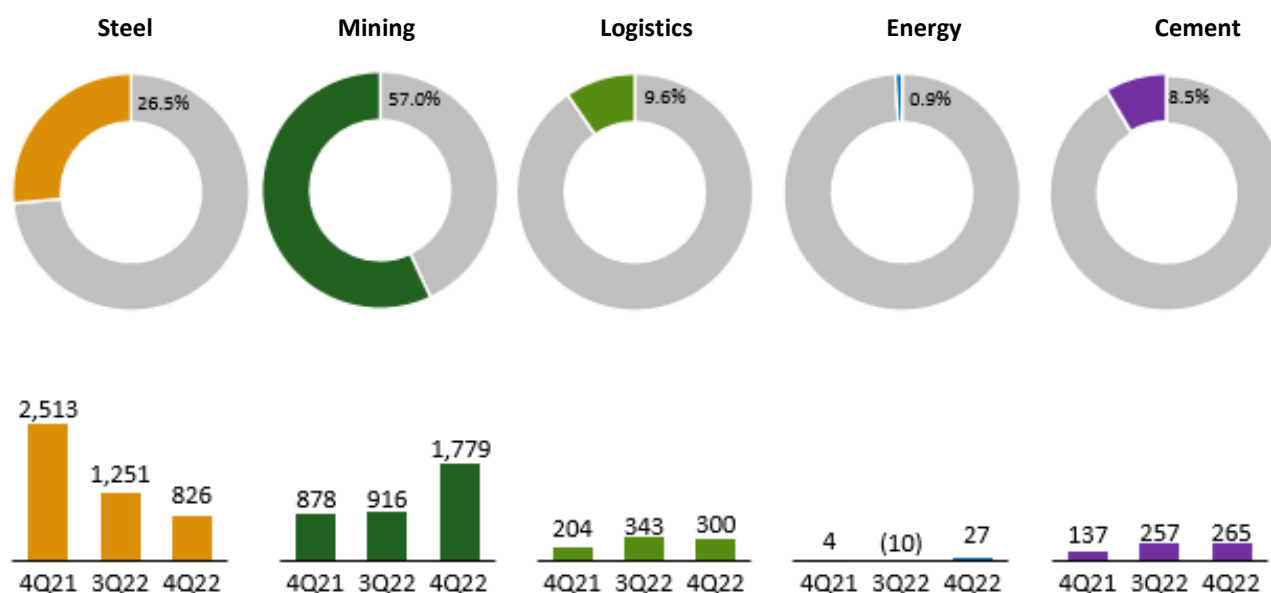
Results by Business Segments



Net Revenue by Segment - 4Q22 (BRL million-before eliminations)



Adjusted EBITDA by Segment - 4Q22 (BRL million-before eliminations)



Result 4Q22 (BRL million)	Steel	Mining	Logistics (Porto)	Logistics (Railway)	Energy	Cement	Corporate Expenses/Elimination	Consolidated
Net Revenue	6,055	3,529	86	608	154	1,181	(483)	11,129
Domestic Market	4,501	336	86	608	154	1,181	(949)	5,917
Foreign Market	1,554	3,193					466	5,212
COGS	(5,214)	(1,878)	(58)	(382)	(139)	(900)	724	(7,847)
Gross profit	840	1,651	28	226	15	281	241	3,282
DGA/DVE	(341)	(139)	(9)	(52)	(17)	(148)	(507)	(1,213)
Depreciation	326	268	11	96	29	132	(38)	825
Proportional EBITDA of joint contr							229	229
Adjusted EBITDA	826	1,779	30	270	27	265	(75)	3,123

Result 3Q22 (BRL million)	Steel	Mining	Logistics (Porto)	Logistics (Railway)	Energy	Cement	Corporate Expenses/Elimination	Consolidated
Net Revenue	7,698	2,527	69	653	48	778	(875)	10,897
Domestic Market	5,655	437,50	69	653	48	778	(1,091)	6,549
Foreign Market	2,044	2,089					215	4,348
COGS	(6,426)	(1,800)	(54)	(397)	(53)	(501)	873	(8,359)
Gross profit	1,272	727	14	256	(5)	276	(3)	2,538
DGA/DVE	(334)	(63)	(7)	(37)	(10)	(100)	(248)	(798)
Depreciation	313	253	9	108	4	82	(78)	689
Proportional EBITDA of joint contr							285	285
Adjusted EBITDA	1,251	916	16	327	(10)	257	(44)	2,713

Result 4Q21 (BRL million)	Steel	Mining	Logistics (Porto)	Logistics (Railway)	Energy	Cement	Corporate Expenses/Elimination	Consolidated
Net Revenue	7,648	2,401	86	444	47	423	(687)	10,361
Domestic Market	4,966	447,97	86	444	47	423	(957)	5,456
Foreign Market	2,682	1,953					270	4,905
COGS	(5,096)	(1,669)	(60)	(342)	(39)	(269)	869	(6,606)
Gross profit	2,552	733	26	101	8	154	182	3,755
DGVA	(324)	(86)	(8)	(42)	(8)	(72)	(273)	(814)
Depreciation	285	232	8	119	4	56	(81)	623
Proportional EBITDA of joint contr							163	163
Adjusted EBITDA	2,513	878	26	178	4	137	(10)	3,727

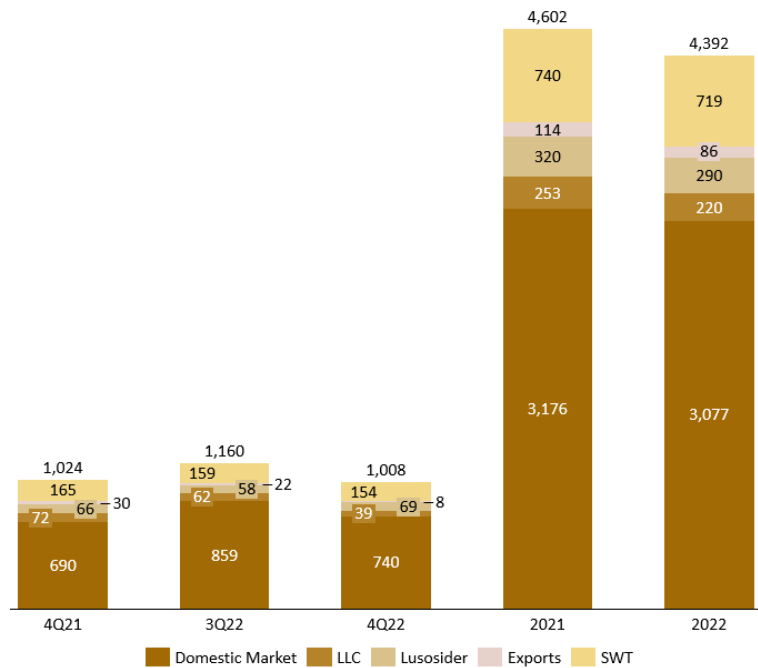
Steel Result

According to the World Steel Association (WSA), global crude steel production accrued 1,831.5 million tons (Mt) in 2022, representing a 4.3% decline compared to 2021, also reflecting the effects of the conflict between Russia and Ukraine and its developments in the European market. In 2022, the European Union reduced its production by 10.5% due to the closure of several steel plants as a consequence of the energy restriction verified after the conflict began. In the year, only the Middle East showed increased production due to the announcement of major real estate and infrastructure projects in the region. In turn, China produced 55.3% of the global volume (1,013 Mt), which corresponds to a retraction of 2.1 p.p. in relation to the same period and 2021, mainly resulting from the direct impact of production interruptions due to covid's zero policy and heat wave, which increased energy rationing in the country. However, the outlook for 2023 is positive as we see several stimuli being announced to resume China's economic growth, apart from the easing of policies against Covid. Brazil produced 36.1Mt in 2022, which corresponds to an annual decline of 5.8%, mainly impacted by the cost pressures faced throughout the year, in addition to a more difficult basis for comparison due to the strong volumes verified in the previous year.

Steel Production (thousand tons)

In the case of CSN, **plate production in 4Q22** totaled 959,000 tons, a performance 6.5% lower than in the previous quarter. In turn, the production of flat laminates, our main operation market, reached 873 kton, which represents a 1.4% reduction compared to 3Q22, in line with the operational seasonality. In 2022, plate production reached 3,774,000 tons, down 7.3% from the previous year, due to scheduled stoppages and pressures on production costs and on the supply chain, due to the conflict between Russia and Ukraine.

Sales Volume (Kton) - Steel



Total sales reached **1,008 thousand tons** in the **fourth quarter of 2022**, a volume 1.6% lower than in the same period of 2021. When analyzing the behavior in the different markets, it is perceived that the **domestic market sales** were the main responsible for the contraction, adding up to 740 thousand tons of sold steel products, which represents a reduction of 14% when compared to 3Q22, as a result of the seasonality that was even more pronounced at the end of this year due to the World Cup and uncertainties related to the political environment. In **the foreign market, 4Q22 sales** totaled 269 thousand tons and were 11% lower than those in 3Q22, considering a lower sales volume verified in the European market. In the quarter, 8,000 tons were exported directly and 261,000 tons were sold by subsidiaries abroad, of which 39,000 tons by LLC, 154,000 tons by SWT and 69,000 tons by Lusosider.

Regarding 2022, the total sold volume was 4,392 thousand tons, a 4.6% lower level than in 2021, with 3,077 thousand tons being sold from the domestic market and 1,315 thousand tons abroad. Of this total, the foreign market showed the greatest retraction (-7.8% p.a.) explained by the energy instability and lower growth rates in the European market.

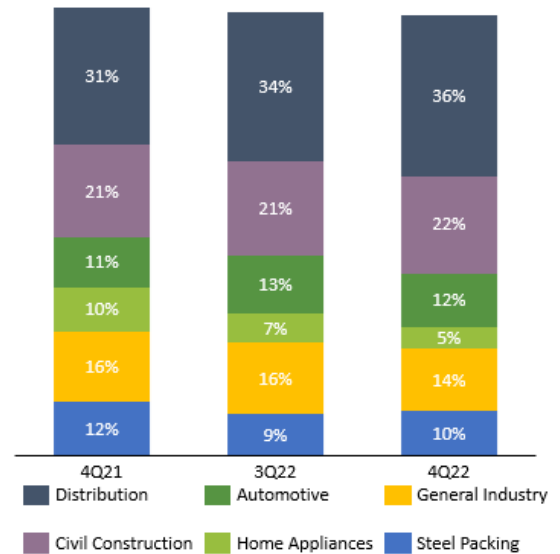
In relation to the **total sales volume** in 4Q22, all segments showed a retraction compared to the previous quarter, with Industry (-25.7%) and Distribution (-9.4%) appearing among the main highlights. In the annual comparison, the year was positive, with an increase in sales volume in most sectors, with Distribution (+29.6%) and Construction (+20%) being the main beneficiaries and were partially offset by Home Appliances (-42.6%) and Packaging (-14.3%) segments.

According to **ANFAVEA** (*Associação Nacional dos Fabricantes de Veículos Automotores*), the 2022 car production registered 2,370 thousand units, an increase of 5.4% in relation to the previous quarter. The Association also projects a 2.2% growth for 2023, with a production of 2,421 thousand units of vehicles, driven by a growth in light vehicles.

According to data from the **Instituto Aço Brasil (IABr)**, the production of Crude Steel in 2022 reached 26.7 Mton, a 6.3% lower performance than in 2021. Apparent Consumption was 23.5 Mton, a 11% drop in the annual comparison. In turn, the Steel Industry Confidence Indicator for the month of December was 42.6 points, a reduction of 10.8 p.p. compared to September and below the 50-point dividing line, indicating lower confidence for the next six months in the local market.

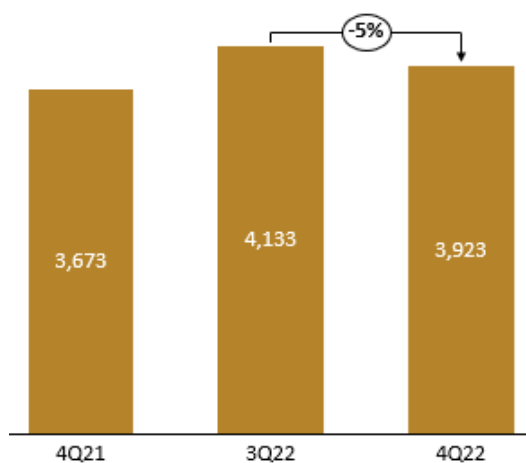
According to **IBGE** data, the **production of appliances** for the year 2022 recorded a 13.3% reduction compared to the previous year. For 2023, the market is expected to perform better, recovering after the low performance observed in 2022.

Sales by Market Segment

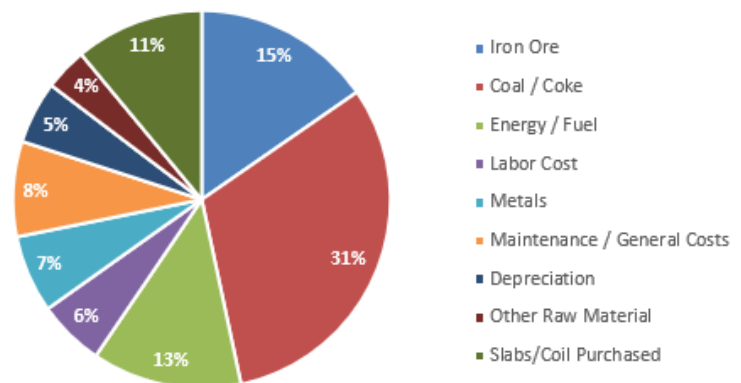


- Net revenue in Steel reached **BRL 6,055 million in 4Q22**, a performance 21.4% lower than in 3Q22, as a result of a more accentuated seasonality verified in this quarter that combined lower sales due to the instability of the electoral period, uncertainties regarding the economic cycle and the World Cup, with lower prices. In this sense, **the average price of 4Q22** in the domestic market was 8.1% lower than presented in 3Q22, a performance that follows the downward trend observed in international prices in the second half of the year. In turn, the foreign market price was 15.2% lower compared to last quarter, a performance pulled by the economic slowdown in Europe. In 2022, the steel company's net revenue reached BRL 29,341 million and was 2.5% lower than in 2021, the best year ever recorded by the Company, which reinforces the resilience of the result even in a period marked by greater instability.
- The **plate cost** in **4Q22** reached BRL 3.923/ton, representing a further decrease of 5.2% compared to the previous quarter, as a result of the reduction in raw material costs for production, mainly coal and coke.

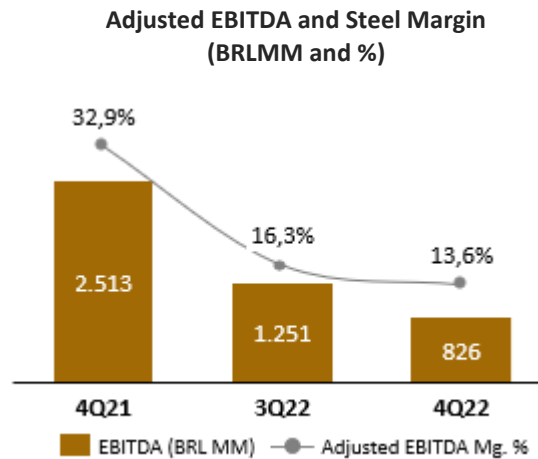
Cost of plate with deprec. (R\$/t)



4Q22 Production Cost



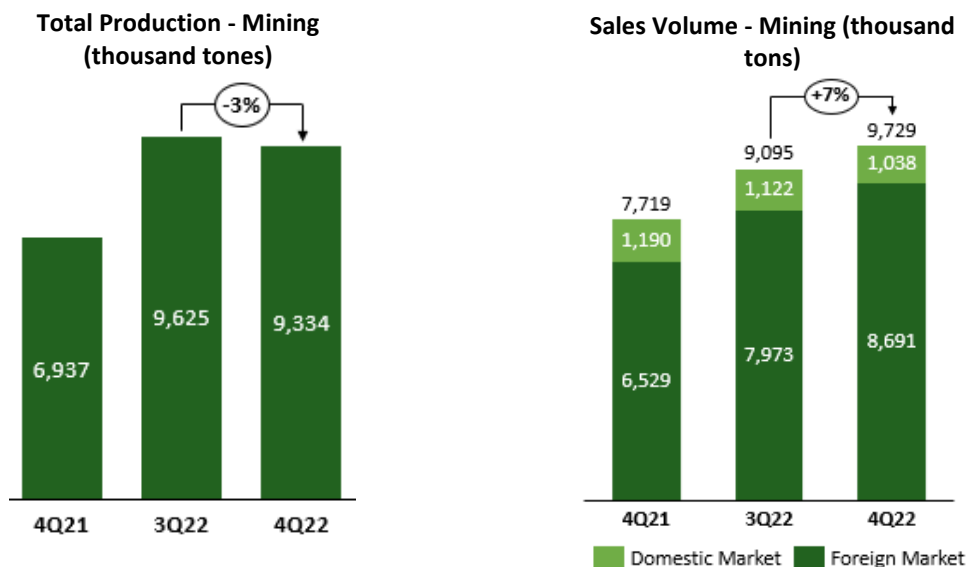
- The steel industry's **Adjusted EBITDA** reached **BRL 826 million in 4Q22** and was 34% lower than in 3Q22, with an EBITDA margin of 13.6% (-2.6 p.p.). Despite the lower production costs, the lower prices practiced and the decrease in the volume produced ended up increasing the pressure on fixed costs and compromising the period's profitability. In 2022, adjusted EBITDA of the steel segment accrued BRL 6,006 million, with an EBITDA margin of 20.5%. Though the result configures a reduction of 39.3% compared to 2021, this was the second-best historical result on steel from CSN.



Mining Result

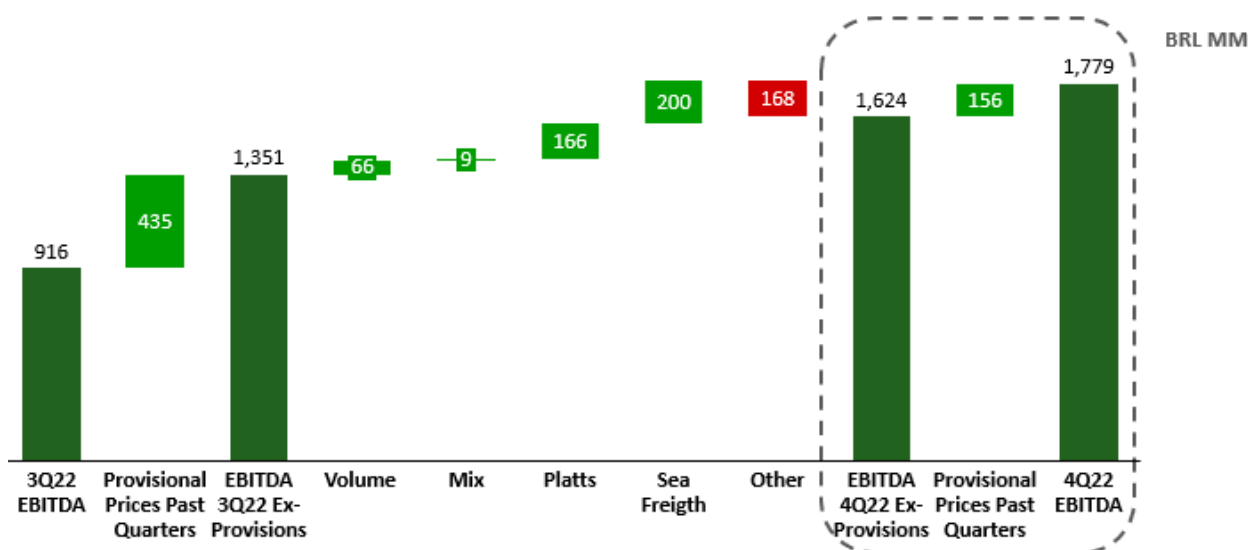
2022 was marked by a series of challenges for the mining sector. The high volume of rainfall in Brazil, the war between Russia and Ukraine and the uncertainties related to the Chinese economy were elements that brought instability to the transoceanic iron ore market throughout the year. Additionally, regarding China, the restrictive policies put in place last year by the Government as ways to curb Covid's waves in the country, the housing market crisis and energy rationing generated by the heat wave, in the third quarter, impacted industrial production and had a direct impact on the price of iron ore. On the other hand, since the end of last year, several policies of economic stimulus and easing in health rules have been observed, especially after the re-election of Xi Jinping for his third term, which has improved not only the expectations of the iron ore market, but also the estimates of Chinese GDP growth for the year 2023. In the midst of this context and despite reaching values below USD 80.0/ton, the **price of iron ore** ended the quarter with a price above USD 115.0/ton, with an **average of USD 99.00/dmt (Platts, Fe62%, N. China)** in 4Q22, **4.17 % lower than 3Q22 (USD 103.31/dmt)** and **9.68% below 4Q21 (USD 109.61/dmt)**.

In relation to **sea freight**, the Route BCI-C3 (Tubarão-Qingdao) presented an average of **USD 20.58/wmt** in 4Q22, which represents a significant reduction of **14.4%** in relation to the shipping cost from the previous quarter, as a reflection of a bigger offer of ships in the transoceanic market, in addition to the lower pressure on fuel costs.



- Iron ore production** totaled 9,334 thousand tons in the 4Q22, which represents a reduction of 3% compared to 3Q22, as a result of seasonality, with the increase in rainfall at the end of the year, impacting production and outflow. In 2022, the total produced volume was 33,7 Mton, an annual reduction of 6.8%, but within the 34 Mton guidance disclosed by the Company. In addition, it is worth remembering that the lower volume production in 2022 was a direct consequence of the impacts of rainfall recorded at the beginning of the year, in addition to the ramp-up of projects connected to the Central Plant (CMAI3, spiralis and re-crushing).

- On the other hand, **sales volume** reached 9,729 thousand tons in the 4Q22, a performance 7.0% higher than the previous quarter as a result of a higher concentration of shipments before the rain period, boosted by inventory consumption and the use of third-party ports that eventually offset the lower volume produced. Additionally, there was sales growth for the foreign market given the lower consumption on domestic market. In 2022, the sold volume was 33,329 thousand tons an increase of 0.3% compared to 2021, with the second half of the year as the main driver of this result, especially after the operational difficulties faced at the beginning of the year.
- Net revenue** totaled BRL 3,529 million in 4Q22, 40% higher than last quarter, as a result of the combination of higher sales volume with better price realization, especially when considering the lower impact of provisioning prices observed in this quarter. **Unit net revenue was \$69.16 per wet ton**, an increase of 29.9% against 3Q22, a performance that reflects the sales concentration at the end of December when the price of iron ore was higher, in addition to cheaper sea freight. In 2022, net revenue reached BRL 12,525 million, a reduction of 31% compared to 2021, due to the operational challenges faced at the beginning of the year, in addition to a lower average price – unit net revenue in 2022 was USD 73.61 comparing with USD 100.89 in 2021.
- In turn, the **cost of products sold** from mining totaled **BRL 1,878 million in 4Q22**, an increase of 4.4% compared to the past quarter, as a result of higher sales volume and the use of third-party ports. The **C1 Cost** reached USD 21.3/t in the 4Q22 and was 9.5% higher than that observed in 3Q22, mainly as a result of the lower produced volume and greater demurrage. In 2022, the GOGS reached BRL 7.105 billion, a reduction of 7.8% compared to last year.
- Adjusted EBITDA reached BRL 1,779 million in 4Q22**, with quarterly EBITDA margin of 50.4% or 14.2 p.p. higher than that recorded in 3Q22. The increase in realized prices combined with the increase in sales were the main drivers of the result that made the margin of the quarter exceed the mark of 50%. In the year, Adjusted EBITDA reached BRL 6,072 million, a reduction of 43.4% compared to the previous year's record result, reflecting not only the lowest production recorded though year, but also the lowest average price practiced in the period.



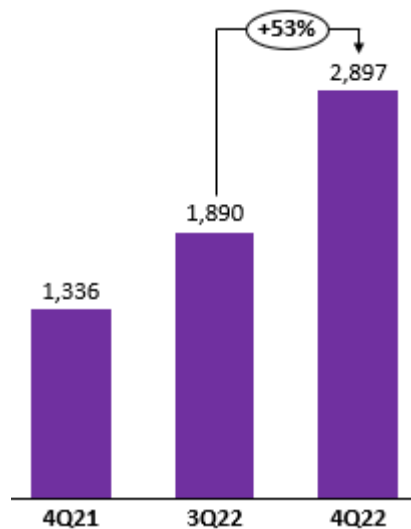
Cement Result

Despite the challenges that the rise in interest rates has brought to the real estate segment, the cement market has shown some resilience, with infrastructure projects and structured construction helping to compensate for the smaller launch of new housing units and fall of informal construction. And according to the National Union of the Cement Industry (SNIC), cement sales reached 63,052 Mton in 2022, down less than 3% compared to the previous year. For 2023, the expectation of the syndicate is that the segment will grow by 1%, driven by the increase in infrastructure projects, such as road and sanitary. In addition, the new government has shown interest in strengthening housing programs for low incomes, which can result in even greater dynamism for the sector. On the other hand, the Industrial Entrepreneur Confidence Index (ICEI), measured by the Brazilian Chamber of the Construction Industry (CBIC), presented a deceleration in the values and presented an average of 50.8, still a positive level, but that shows greater uncertainty of the entrepreneurs in relation to the future perspectives.

In the case of CSN Cimentos, the Company consolidated the operating and financial results of Cimentos Brasil (formerly Lafarge Holcim Brasil) and intends to advance in the process of capturing synergies. **Sales in the 4Q22 totaled 2,897 kton**, a result

53.3% higher than the previous quarter, as a result of the increase in the participation of Cimentos Brasil's operations. In 2022, the volume sold was 7,243 kton, an increase of 53.8% compared to the previous year, also reflecting the integration of Cimentos Brasil, even considering only 4 months of operation in the year's results.

Sales Volume - Cements (thousand tones)



* LafargeHolcim's operations were integrated in September 2022.

- **Net revenue** reached an all-time high of BRL 1,181 million in the 4Q22, a performance 52% higher compared to last quarter, driven by the increase in sold volume, pulled down by a slight reduction in the average price realized in the period. In 2022, Net Revenue reached BRL 2,820 million, representing an increase of 97.2%, for the reasons already explained.
- In turn, **unit costs** also rose in the quarter, pressured by the increase in raw materials and fuels.
- **Adjusted EBITDA** in the segment increased by 2% compared to the previous quarter, reaching BRL 265 million in 4Q22 and with an adjusted EBITDA margin of 22.4%, a level 10.7 p.p. lower than that seen in 3Q22. This worsening of profitability, however, is temporary and should be reversed as the Company experiences lower costs with raw material and advances in capturing synergies and taking advantages of the benefits of self-production of energy. In relation to 2022, adjusted EBITDA was BRL 784 million, an increase of 47.5% over 2021, but with an EBITDA margin of 27.8%, or 9.3 p.p. minor.

Energy Result

The year of 2022 was a historic year for the Energy operations segment of the Company, with acquisitions of four operations that increased installed capacity by 1,066.3 MW, in addition to adding another 356MW in minority interests. With this, the Company, in addition to becoming self-sufficient, began to have an energy surplus that will later be sold in the free market, making the segment a true business unit for CSN. Additionally, the benefit of self-production will allow a reduction of approximately 60% in energy costs, bringing significant impacts on the profitability of the segments.

In **4Q22**, the traded energy volume generated a **net revenue of BRL 154 million**, an increase of 221% over the last quarter, recovering operating results with a **positive adjusted EBITDA** of BRL 27 million and EBITDA margin of 17.8%. In 2022, energy operations achieved revenues of BRL 293 million, with an EBTDA of BRL 3 million and EBITDA margin of 1.1%, representing only one quarter of incorporation of CEEE-G.




Logistics Result

Railway Logistics: In 4Q22, net revenue reached BRL 608 million, with adjusted EBITDA of BRL 270 million and adjusted EBITDA margin of 44.5%. Compared to 3Q22, net revenue decreased 7% due to the seasonality of the operation, with a reduction in transported goods. In the same comparison line, adjusted EBITDA was 17.3% lower. In the year, net revenue reached BRL 2,312 million in 2022, an annual increase of 25.7%, while Adjusted EBITDA grew 25%, reaching BRL 1,104 million and with an EBITDA margin of 47.8%.

Port Logistics: In the 4Q22, 335,000 tons of steel products were shipped by Sepetiba Tecon, in addition to 15,000 containers, 3,000 tons of general cargo and 281,000 tons of bulk. Compared to the previous quarter, the Company had a change in its shipment mix, returning the relevance of the volume of grains, with a quarterly increase of 4.9%, against an 89% reduction in overall cargo volume. As a result, the **net revenue** of the port segment was 25.8% higher than in the last quarter, reaching BRL 86 million in 4Q22 and positively impacting the **adjusted EBITDA** of the period, which achieved BRL 30 million in the quarter, with an EBITDA margin of 34.8%. In 2022, the segment recorded net revenue of BRL 308 million and EBITDA of BRL 90 million, with a margin of 29.3%, levels practically stable compared to 2021. Were shipped in 2022 by Tecon, 1,322,000 tons of steel products, in addition to 62,000 containers, 42,000 tons of general cargo and 918,000 tons of bulk.

ESG - Environmental, Social & Governance

ESG COMMITMENTS - CSN GROUP

AXIS	ESG Goals
Natural Capital 	Climate Change <ul style="list-style-type: none"> ✓ Reduce CO₂e emissions per ton of crude steel by 20% by 2035, WSA (World Steel Association) methodology compared to base year 2018. ✓ Reduce CO₂e per ton of cement by 28% by 2030, reaching 375 kgCO₂e/t cement, GCCA methodology - Global Cement and Concrete Association, base year 2020. ✓ Reduce CO₂e emissions per ton of ore produced by 30% by 2035 (scopes 1 and 2), base year 2019. ✓ Carbon Neutral by 2044 in CSN Mineração scopes 1 and 2 emissions. Atmospheric Emissions <ul style="list-style-type: none"> ✓ Reduce 40% of emissions of particulate matter per ton of crude steel produced in 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. Dam Management and Mischaracterization <ul style="list-style-type: none"> ✓ Perform the complete mischaracterization of the dams built upstream of the CSN Group by 2030.
Intellectual Capital 	Governance, Ethics and Compliance <ul style="list-style-type: none"> ✓ Continuously increase our Index of Compliance with the best governance practices provided for in CVM Resolution No. 80/2022 (considered "Practice" and "Partialpractice"). ✓ Realize training with 90% of active employees in the CSN Group on compliance, covering the code of ethics and anti-corruption policy.
Human and Social Capital 	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 frequency rate of accidents (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. 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 GROUP

The Company continues following the model of reporting its ESG results aligned with relevance and materiality for all stakeholders, in order to offer greater transparency and access to the main results and indicators, enabling its monitoring in an agile and effective way.

Quantitative indicators are presented in comparison with the previous annual period, for better monitoring. Some metrics are compared with the same period of the previous year, and others 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 [Integrated Report 2021](#). The Integrated Report follows internationally recognized guidelines and frameworks, such as GRI (Global Reporting Initiative), IIRC (International Integrate Reporting Council), SASB (Sustainability Accounting Standards Board) and TCFD (Task Force on Climate Related Financial Disclosures) and are presented with due correlation with the SDGs (Sustainable Development Goals) and principles of the UN Global Compact. The assurance of ESG indicators and targets occurs annually for the closing of the Integrated Report, so the information contained in the quarterly releases is subject to adjustments resulting from this process. The next Integrated Report, for the period 2022, is expected to be published in April 2023, in which details regarding the status and performance of all goals and indicators will be presented.

It is also possible to monitor CSN's ESG performance in an agile and transparent manner, on our website, through the following e-mail address: ESG.csn.com.br

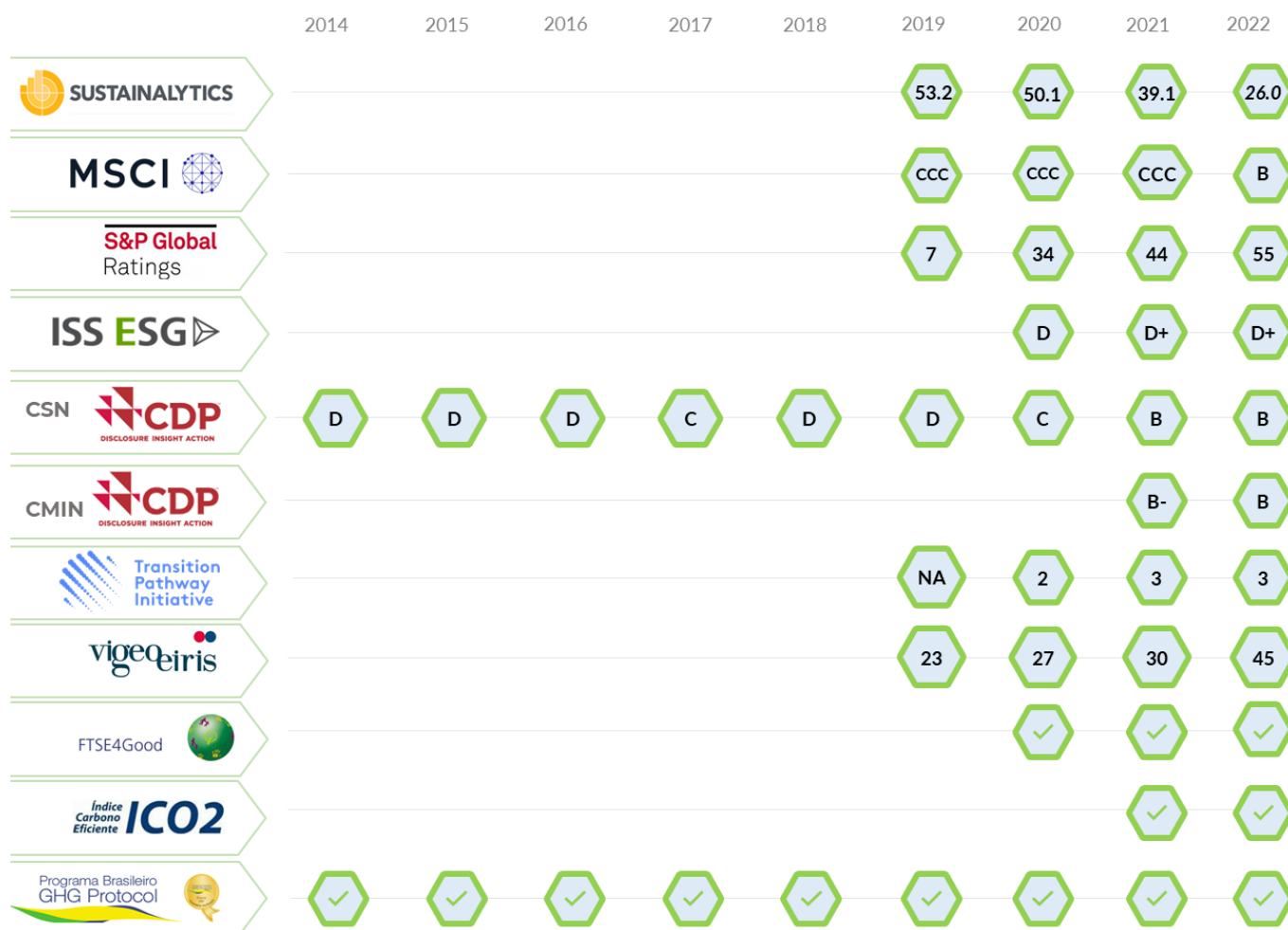
ESG RATING

External recognitions in indexes and ratings shows that the Company is evolving in transparency and reporting of the main ESG actions and indicators, and in line with sustainable development.

The year 2022 provided an evolution in three important ESG ratings. CSN received a new rating from Sustainalytics, reducing the score related to ESG risks from 39.1 to 26.0. Of the 155 steel and mining companies evaluated globally, **CSN achieved the 4th best score in the industry.**

CSN was also the only Brazilian company in the steel, mining and construction sector named in the S&P Global Sustainability Yearbook 2023, being classified as the **company in the steel industry that has advanced the most in ESG practices in the world**, receiving the stamp of "**Industry Mover**". And also, in the rating of the MSCI, CSN went from the score "CCC" to "B".

Additionally, in response to external requests from investors and other stakeholders, the Company reports to CDP (Disclosure Insight Action) the guidelines followed in relation to Climate Changes and Water Safety. In 2022, CSN Mineração's score, company controlled by CSN, evolved on Climate Changes from "B-" to "B" and from "C" to "B" in Water Safety. The CSN Group, despite the even more restrictive changes in methodology, maintained the scores achieved in 2021, respectively B for Climate Change and B- for Water Safety.



PERFORMANCE OF THE MAIN ESG TARGETS

	Indicators ¹	Unit	Indicator Base Year	2022	Status	Goal	Year
Environmental	Steel Emission Intensity (WSA) ²	tCO ₂ and/t raw steel	2.10 (Base year 2018)	1.99		1.68	2035
	Intensity of Emission Cements (CSI) ³	kgCO ₂ and/t cement	519 (Base year 2020)	481		374	2030
	Mining Emission Intensity (GHG) ^{4 and 5}	kgCO ₂ and ore /t	5.77 (Base year 2019)	7.24		4.04	2035
Social	Frequency Rate ⁶	CAF+SAF	2.46 (Base year 2020)	1.79		1.72	2030
Governance	Diversity (in the functional women framework)	%	14% (Base year 2020)	20.5		28%	2025

¹ The units acquired in 2022 by CSN Cimentos and CSN Energia were not incorporated for this report.

² Considers emissions according to WSA methodology and production of UPV and SWT units.

³ In 2022, the CSN Cimentos Alhambra unit began to be considered in the data management of CSN Cimentos.

⁴ 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.

⁵ Considers the emissions only of the mobile combustion category of Scope 1 of CSN Mineração that represent 95% of the scope 1 emissions of CSN Mineração, emphasizing that the emission of scope 2 is zero due to the electrical consumption coming from 100% of renewable sources. The data reported in the Company's Integrated Report 2021 considers the total emissions of CSN mining, scopes 1 and 2.

⁶ The rate considers accidents with and without removal of own employees and third parties/1 million hours worked.

CLIMATE CHANGE

In the last quarter of 2022, during CSN Day, CSN announced its ambition to **provide society with essential carbon neutral emission materials by 2050**. In addition, the MAC curve (marginal abatement cost curve) of the Steel industry was updated, with assumptions of reduction of emissions and cost of detailed projects, in which were also incorporated the projects of emission reduction of SWT in the Blue phase, which extends until 2030. The Mining MAC curve was also reviewed, considering the projects to reduce pre-defined emissions in the construction of the goal of reducing GHG emissions by 2035 and neutrality by 2044. In 2023, the MAC curve of CSN Cimentos Brasil will be revised and updated with the entry of the new Brazilian plants acquired (Cimentos Brasil and Alhandra).

Also, in 4Q22, CSN finalized the quantitative assessment of climate risks for all business segments and its first study of climate scenarios. These two fronts allow Company's managers to consider factors related to climate change in strategic decision-making. The study will be made available in greater detail in the Integrated Report 2022, scheduled for publication in April 2023.

In 2022, there was a reduction of 5% on intensity of the Steel industry in relation to the base year. The reduction is justified by the better performance of the Presidente Vargas Plant (RJ) and the use of renewable energy at SWT in Germany.

In cement operations, the Alhandra (PB) unit began to make up the annual report. This unit has an average emission intensity higher than other CSN plants (625 kgCO₂e/t cement). However, even with the entry of Alhandra, there was a 7% reduction in GHG emissions compared to 2020. This is justified by the entry of the co-processing project in the Arcos unit, increasing the rate of alternative fuels, contributing to the decarbonization journey.

The year 2022 was also marked by heavy rains in the first quarter in the state of Minas Gerais that substantially damaged the operation and production at CSN Mineração. As a consequence of these factors, a specific mobile combustion emission (>95% of CSN Mineração's Scope 1 emissions) of 7.24 kgCO₂e/ton of ore was recorded, 15% higher than 2021. New projects are expected to enter and decarbonization is expected to be more intense only in 2024.

ENVIRONMENTAL MANAGEMENT

NATURAL CAPITAL - ENVIRONMENTAL INDICATORS

Air quality CSN ¹	Unidade	2021	2022	Δ%
NOX Emission	t	5,924	5,570	-6
SOX issue	t	2,805	3,094	10
MP issue	t	3,328	4,079	23

¹ Considers all steel units and cement units in the CSN Group.

Water Management ²	Unit	2021	2022	Δ%
Water catchment	Megaliter	99,782	92,212	-8
Water disposal	Megaliter	75,689	70,457	-7
Water consumption	Megaliter	24,093	21,754	-10

² Considers all csn group producing units in Brazil and abroad

Water Management ²	Unit	2021	2022	Δ%
Intensity by steel production	m ³ / t raw steel	16.1	15.7	-2
Intensity per cement production	m ³ /t cement	0.10	0.07	-3
Intensity by ore production	m ³ /t ore	0.21	0.26	23

² Considers all csn group producing units in Brazil and abroad

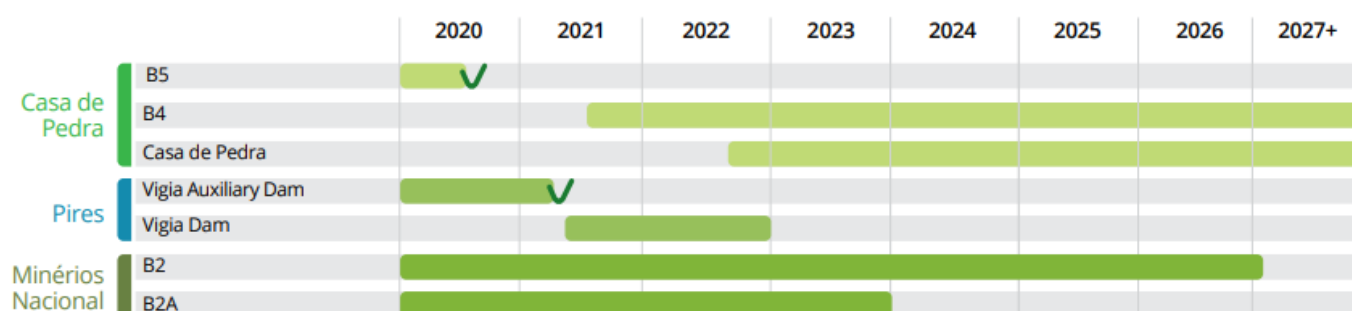
Waste Management ²	Unit	2021	2022	Δ%
Waste Class 1	t	45,141	47,565	5
Waste Class 2	t	3,403,728	3,520,728	3
Percentage reuse and co-processing ³	%	95%	93%	-2

² Considers all csn group producing units in Brazil and abroad

³ Considers waste intended for co-processing, recycling, refining and area recovery

DAM MANAGEMENT

In 2022, all dams of CSN Mineração – a company controlled by CSN – were at zero emergency level, that is, with stability guaranteed according to current national legislation. In continuity with the decharacterization schedule of the dams, the decharacterization of the Vigia and B5 Auxiliary Dams were completed, and the decharacterization process of Barragem do Vigia is ongoing, which will be completed in the first half of 2023, in addition to B4, with completion scheduled for 2028, as scheduled:



The stabilization works of the B2A Dam, belonging to Minérios Nacional, a company of the CSN Group, are also underway and which in 2022 was classified as emergency level 02. Due to advances in the works and the constant evolution in safety factors, the framework of the structure at level 1 and the continuity of the decharacterization process are expected to finish at the first quarter of 2023, the decharacterization is expected to be completed in 2026.

SOCIAL DIMENSION

HEALTH AND SAFETY AT WORK

The health and safety of people is the Company's top priority and, in 2022, the lowest historical level of the frequency rate (CAF+SAF: accidents with and without removal of own employees and third parties) was recorded. There were 1.79 accidents/million man-hours worked, a decrease of about 25% compared to 2021, which is the best indicator in the last 8 years, and the largest percentage of reduction since the beginning of the compilation of data from the units in 2014, establishing a new milestone for the CSN group. In addition, the year was marked by the absence of accidents with the removal of own employees in the following units: Cements (VR), Alhandra (PB), Ores Nacional (Fernandinho), Porto Real and Prada Distribuição.

- Management and monitoring of the health and safety of own employees and third parties:

Health and safety at work ¹	2021	2022	Δ%
Number of accidents with and without leave Own	113	89	-21
Number of accidents with and without leave third party	67	57	-15
Fatality Own	0	3	-
Fatality third party	2	1	-

CAF+SAF+FT accident frequency rate factor 1 MM HHT Own	2.59	1.91	-26
CAF+SAF+FT accident frequency rate factor 1 MM HHT third party	2.13	1.64	-23
CAF+SAF+FT accident frequency rate factor 1 MM HHT own and third parties	2.40	1.79	-25
Severity rate of accidents factor of 1MM HHT own and third parties	229	413	+80

¹ Considers all csn group units in Brazil.

PEOPLE MANAGEMENT

Diversity among people is a lever for CSN's innovation and business growth, which promotes a transformation of our society. Initiatives and actions related to the evolution of talent recruitment, evaluation and recognition processes reflect in practice mechanisms that promote gender representativeness and equality, people with disabilities (PCDs) and minority groups in operational positions and leadership positions. In 2020, the goal of doubling the female workforce at CSN was set by 2025, from 14% to 28%. As a result, the result of the representation of women in the CSN Group increased from 17.5% in December 2021 to 20.5% in December 2022, an increase of 17% in the period.

Employment	Unit	2021	2022	Δ%
Women on the staff ¹	%	17.5	20.5	+17
Women in leadership positions ²	%	11.0	12.7	+15
People with disabilities ²	%	1.24	1.44	+16
Racial Diversity ²				
• Yellow	%	1.4	1.4	-
• White	%	42.5	41.2	-3.0
• Indigenous	%	0.3	0.3	-
• Negra (Pretos and Pardos)	%	52.7	54.3	+3.0
• Not informed	%	3.0	2.8	-6.6
Turnover ²	%	17.9	19.3	+7.8

¹ Data consider employees allocated in Brazil, CLT, Apprentice, Internship and Program - Empower

² Data does not consider employees "Non-CLT" and "Internship Program".

VALUE CHAIN

In 2022, 538 suppliers were evaluated in social and environmental criteria considering the chain of all units in Brazil. Additionally, in 4Q22, CSN developed a specific ESG Risk Assessment questionnaire for 100 suppliers indicated as critical for the Company that addresses topics such as: health and safety management, community engagement, diversity and inclusion, whistleblowing channel, code of ethics, certifications, climate risk management, water scarcity and biodiversity.

The diagnosis will help CSN assess and manage potential socio-environmental and imaging risks, as well as influence its supply chain in the adoption of best market practices.

Sustainable Value Chain ¹	Unit	2021	2022	Δ%
Purchases from local suppliers ²	%	31.6	27.8	-12
Local suppliers ² (Service)	%	46.1	42.1	-8.6
Local Suppliers ² (Materials)	%	27.8	23.7	-14

¹ Considers CSN Group in Brazil.

² Percentage over total suppliers in each category. Those suppliers who are in the same state (federative unit) of the evaluated operational unit are considered "local" as "local" as "local" as "local" of the operational unit evaluated.

SOCIAL RESPONSIBILITY

In 2022, 4,643 young people were directly benefited and 246,916 people were impacted by the projects developed or supported by the CSN Foundation. BRL 26 million were invested in social responsibility, reaching more than BRL 200 million in

the last three years for social projects. Among them, the Garoto Cidadão program stands out, a sociocultural project that serves 2,533 children and adolescents in the main cities where the company is inserted. In the last quarter of 2022, two new units were inaugurated, one in the urban area of Coxim/MS and the other in Heliópolis/SP. In total, more than 10,000 young people have already passed through the project.

	2021	2022	Δ%
Young people benefited¹	4,578	4,643	+1.4
Public reached²	215,227	246,916	+14.7

¹ Young people benefited 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.

In continuity with the legacy built by the CSN Fundação, the Company implemented in 2022 a new instrument to integrate its strategic planning of social-private investment: the Theory of Change of the CSN [Group \(access here\)](#). Focusing on improving the economic, social and environmental conditions of local communities, this new tool determines a strategic positioning of territorial development based on contemporary models of Corporate Social Investment (CSI). The theory is based on three strategic pillars: urban entrepreneurship, urban jobs, and rural productive inclusion. More details on the process of building and developing the Theory of Change will be made available in the Integrated Report 2022, scheduled to be published in April 2023.

Additionally, in compliance with the commitment signed in 2021, CSN Mineração and CSN Fundação began in 4Q22 the development of a due diligence on human rights in the municipality of Congonhas/MG. In partnership with the Center for Human Rights and Companies of the Getúlio Vargas Foundation, a research was initiated focusing on the internal evaluation of processes, systems and people, regarding the identification and management of Adverse Risks to Human Rights in the communities close to the operation of the Casa de Pedra mine, based on the UN Guiding Principles framework for Business & Human Rights. The completion of the process and its developments are planned for the first half of 2023.

For more information, visit the website: www.fundacaocsn.org.br.

Capital Markets

In the fourth quarter of 2022, CSN's shares appreciated by 14.4%, while the Ibovespa index declined by 0.3%. In 2022, CSN shares fell by 41.8% while the Ibovespa rose by 4.7%. The average daily value (CSNA3) traded on B3, was BRL 185.21 million in 4Q22 and BRL 223.51 million in 2022. On the New York Stock Exchange (NYSE), American Depositary Receipts (ADRs) of the Company appreciated by 16.0% in dollars, while the Dow Jones index rose by 15.4%. The average daily trading volume of ADRs (SID) on the NYSE in 4Q22 was US\$ 10.9 million.

	4Q22	2022
Number of shares in thousands	1,326,094	1,326,094
Market Value		
Closing Quote (R\$/share)	14.55	14.55
Closing Quote (USD/ADR)	2.76	2.76
Market Value (BRL million)	19,295	19,295
Market Value (USD million)	3,660	3,660
Change in period		
CSNA3 (BRL)	14.4%	-41.8%
SID (USD)	16.0%	-37.8%
Ibovespa (BRL)	-0.3%	4.7%
Dow Jones (USD)	15.4%	-8.8%
Volume		
Daily average (thousand shares)	13,356	12,148
Daily average (BRL thousand)	185,214	223,512
Daily average (thousand ADRs)	4,075	5,550
Daily average (USD thousand)	10,931	20,737

Source: Bloomberg

Result Conference Call:

4Q22 and 2022 Presentation Webcast	Investor Relations Team
Conference call in Portuguese with Simultaneous Translation into English March 9, 2023 11:30 am (Brasilia time) 09:30 am (New York Time) +55 11 3181-8565 / +55 11 4090-1621 Code: CSN Tel. Replay: +55 11 4118-5151 Replay code: 219011# Webcast: click here	Marcelo Cunha Ribeiro - CFO and Executive Director of IR Pedro Gomes de Souza (pedro.gs@csn.com.br) Danilo Dias (daniло.dias.dd1@csn.com.br) Rafael Byrro (rafael.byrro@csn.com.br)

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**

	4Q22	3Q22	4Q21	2022	2021
Net Sales Revenue	11,129,283	10,897,049	10,360,965	44,362,120	47,912,039
Domestic Market	5,916,783	6,548,900	5,456,361	23,957,540	23,233,829
Foreign Market	5,212,500	4,348,149	4,904,604	20,404,580	24,678,210
Cost of Goods Sold (COGS)	(7,847,356)	(8,358,934)	(6,606,077)	(31,054,016)	(25,837,475)
COGS, without Depreciation and Exhaustion	(7,029,632)	(7,681,574)	(5,994,124)	(28,301,459)	(23,761,987)
Depreciation/Exhaustion related to cost	(817,724)	(677,360)	(611,953)	(2,752,557)	(2,075,488)
Gross profit	3,281,927	2,538,115	3,754,888	13,308,104	22,074,564
Gross Margin (%)	29%	23%	36%	30%	46%
Sales Expenses	(976,120)	(644,262)	(662,739)	(2,561,870)	(2,361,071)
General and Administrative Expenses	(229,494)	(142,483)	(140,335)	(647,781)	(559,182)
Depreciation and Amortization in Expenses	(7,725)	(11,673)	(11,221)	(40,286)	(39,193)
Other Net Income (Expenses)	(951,549)	(706,138)	(384,585)	(2,654,622)	1,242,340
Equity Income	70,891	93,361	18,949	237,917	182,504
Operating Income Before Financial Results	1,187,930	1,126,920	2,574,957	7,641,462	20,539,962
Net Financial Results	(1,181,282)	(318,494)	(460,200)	(3,515,025)	(1,944,184)
Result Before Income Tax and Social Contribution	6,648	808,426	2,114,757	4,126,437	18,595,778
Income Tax and Social Contribution	190,144	(570,794)	(1,053,761)	(1,958,739)	(5,000,157)
Net Income (Loss) for the Period	196,792	237,632	1,060,996	2,167,698	13,595,621

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

	12/31/2022	09/30/2022	12/31/2021
Current Assets	30,612,360	31,118,220	34,972,354
Cash and Cash Equivalents	11,991,356	14,319,373	16,646,480
Financial Investments	1,456,485	1,477,615	2,644,732
Accounts Receivable	3,233,164	2,733,706	2,597,838
Inventory	11,289,229	10,428,521	10,943,835
Taxes to be recovered	1,865,626	1,365,088	1,655,349
Other Current Assets	776,500	793,917	484,120
Prepaid Expenses	347,870	497,077	225,036
Dividends to be received	77,377	61,924	76,878
Other	351,253	234,916	182,206
Non-Current Assets	54,741,999	51,520,179	44,406,749
Long-Term achievable	12,364,418	12,813,651	11,206,737
Financial Investments Valued at Amortized Cost	156,185	152,348	147,671
Inventory	1,045,665	948,234	656,193
Deferred Taxes	5,095,718	5,072,047	5,072,092
Other Non-Current Assets	6,066,850	6,641,022	5,330,781
Taxes to be recovered	1,317,132	1,282,507	965,026
Judicial deposits	533,664	460,691	339,805
Prepaid expenses	82,586	116,403	133,614
Credits Related Parties	2,869,532	2,703,349	2,070,305
other	1,263,936	2,078,072	1,822,031
Investments	5,219,082	5,674,022	4,011,828
Equity Interests	5,060,002	5,514,175	3,849,647
Investment Properties	159,080	159,847	162,181
Fixed Assets	26,370,445	25,347,190	21,531,134
Fixed assets in operation	25,725,565	24,697,770	20,949,310
Right of Use in Lease	644,880	649,420	581,824
Intangibles	10,788,054	7,685,316	7,657,050
TOTAL ASSET	85,354,359	82,638,399	79,379,103
CURRENT LIABILITIES	22,475,119	21,388,059	24,541,616
Social and Labor Obligations	422,495	493,587	328,443
Suppliers	6,596,915	6,259,680	6,446,999
Tax Obligations	870,333	1,161,575	3,308,614
Loans and Financing	5,193,636	4,980,561	5,486,859
Other Obligations	9,318,651	8,434,029	8,904,654
Dividends and JCP payable	611,307	454,520	1,206,870
Advance of customers	1,120,072	1,543,448	2,140,783
Suppliers - Risk Withdrawn	5,709,069	5,506,326	4,439,967
Rental Liabilities	177,010	168,134	119,047
Derivative financial instruments	416,935		
Other Obligations	1,129,826	761,601	997,987
Tax, Social Security, Labor and Civil Provisions	73,089	58,627	66,047
Non-Current Liabilities	41,063,196	37,459,826	31,463,098
Loans, Financing and Debentures	35,725,106	32,198,750	27,020,663
Other obligations	2,216,418	2,411,121	1,948,164
Customers Advances	943,919	1,081,494	947,896
Rental Liabilities	516,836	525,108	492,504
Derivative financial instruments	69,472	90,928	101,822
Other obligations	686,191	713,591	405,942
Deferred Taxes	216,950	278,887	503,081
Tax, Social Security, Labor and Civil Provisions	1,411,736	1,037,622	508,305
Other Provisions	1,492,986	1,533,446	1,482,885
Provisions for Environmental Liabilities and Deactivation	937,657	934,381	898,597
Pension and Health Plan	555,329	599,065	584,288
EQUITY	21,816,044	23,790,514	23,374,389
Paid-up Capital	10,240,000	10,240,000	10,240,000
Capital Reserve	32,720	32,720	32,720
Profit Reserves	8,988,442	9,697,708	10,092,888
Accumulated Profit		1,537,119	
Other Comprehensive Results	228,305	(395,032)	(50,610)
Participation Non-Controlling Shareholders	2,326,577	2,677,999	3,059,391
TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY	85,354,359	82,638,399	79,379,103

CASH FLOW
CONSOLIDATED - Corporate Law - In Thousands of Reals

	4Q22	3Q22	4Q21
Net Cash Flow from Operating Activities	(88,754)	3,115,193	1,337,724
Net income / (Loss) for the year attributable to controlling shareholders	16,941	133,391	903,305
Net income / (Loss) for the year attributable to non-controlling shareholders	179,851	104,241	157,691
Charges on loans and financing raised	673,208	663,415	473,485
Charges on loans and financing granted	(41,263)	(41,507)	(24,763)
Charges on rental liabilities	17,796	17,590	17,298
Depreciation, exhaustion and amortization	847,266	710,340	648,299
Equity income	(70,891)	(93,361)	(18,949)
Deferred taxes	(164,150)	277,035	472,440
Tax, social security, labor, civil and environmental provisions	57,072	29,001	(13,925)
Net monetary and exchange variations	478,177	277,189	355,154
Asset and intangible losses	(35,694)	4,168	69,714
Update actions - VJR	171,726	89,002	197,237
Receivables for indemnification	-	(422,254)	(4,428)
Passive environmental provisions and deactivation	(8,314)	(37,078)	16,095
Dividends from invested companies	(7,934)	(2,091)	(17,623)
Investment impairment reversal	(387,989)	-	-
Provision (Reversal) for consumption and services	19,243	(5,261)	39,642
Other provisions	326	821	16,283
Change in assets and liabilities	(1,117,519)	1,909,972	(1,584,834)
Accounts receivable - third parties	(688,281)	343,538	(88,707)
Accounts receivable - related parties	(133,423)	21,004	45,142
Inventory	(818,261)	414,546	(1,617,774)
Dividends and related share credits	70,689	2,086	206,475
Taxes to Compensate	(474,287)	(190,846)	(594,656)
Judicial Deposits	(13,514)	(8,703)	18,843
Compulsory loan receipt	370,000	-	-
Suppliers	249,558	(112,607)	(119,693)
Suppliers - Risk Cashed and Forfeiting	202,743	1,335,412	980,573
Salaries and social charges	(106,644)	76,754	(67,758)
Tributes / Refis	(175,382)	(37,555)	(221,495)
Accounts payable - related parties	54,725	(85,669)	15,916
Advance of customers - Glencore	(181,997)	(288,368)	(215,706)
Advances from customers energy contracts	(58,917)	701,157	-
Other	585,472	(260,777)	74,006
Other payments and receipts	(716,606)	(499,420)	(364,397)
Interest Paid	(684,447)	(573,729)	(434,811)
Payment of cash flow hedge operations	(32,159)	74,309	70,414
Cash Flow from Investment Activities	(3,885,506)	(5,173,049)	(770,761)
Investments/AFAC	(232,749)	(157,773)	(145,363)
Fixed Asset Acquisition, investment property and intangible assets	(994,826)	(817,978)	(964,875)
Loans granted - related parties	(3,124)	(3,719)	(7,656)
Financial application, net redemption	(46,790)	80,330	347,133
Acquisition of CSN Cimentos Brasil	-	(4,770,354)	-
Cash received from CSN Cimentos Brasil investment acquisition	-	496,445	-
Acquisition of CEEE-G	(928,000)	-	-
Cash received from investment acquisition - CEEE-G	661,864	-	-
Acquisition of Companhia Energética Chapecó	(358,634)	-	-
Cash received from investment acquisition - Chapecó	41,693	-	-
Cash received from investment acquisition - Metalgraphic	569	-	-
Acquisition of concession rights	(2,024,118)	-	-
Cash Flow from Financing Activities	1,667,968	1,442,403	826,281
Borrowings loans and financing	6,816,279	3,825,815	4,538,021
Amortization loans - main	(2,571,632)	(2,276,991)	(2,304,770)
Borrowing Cost	(36,896)	(65,624)	(3,057)
Lease amortization	(49,061)	(40,797)	(32,607)
Dividends and interest on equity paid	(2,490,722)	-	(57)
Repurchase of treasury shares	-	-	(1,371,249)
Exchange Variation on cash and cash equivalents	(21,725)	11,132	(1,869)
Increase (Decrease) in Cash and Cash Equivalents	(2,328,017)	(604,321)	1,391,375
Cash and cash equivalents at the beginning of the period	14,319,373	14,923,694	15,255,105
Cash and cash equivalents at the end of the period	11,991,356	14,319,373	16,646,480