



2Q24 – ESG **PERFORMANCE**



LEADERSHIP IN ESG ISSUES

With great enthusiasm that I share with you the progress and achievements of Companhia Siderúrgica Nacional in the second quarter of 2024.

Every step we take reflects our ongoing commitment to sustainability, safety, and social development, and I am proud of the gradual changes our team continues to promote.

This quarter, we had the honor of having CSN Cimentos' decarbonization target approved by the Science Based Targets initiative (SBTi). This recognition is not only a validation of our efforts but also an incentive for us to continue leading the transition to a more efficient, sustainable industry, aligned with the planet's needs and market expectations.

We continue to advance towards our decarbonization goals, with significant results across all our industrial segments: an 8% reduction in the intensity of our direct emissions in Steel and Mining, and a 4% reduction in the emissions intensity of Cement production, compared to the baseline year of each target.

In May, we launched the 2023 Integrated Report for CSN Group and CMIN, documents that reflect our commitment to transparency and open dialogue with our stakeholders. These reports detail our sustainability practices and financial performance, reaffirming our commitment to responsible governance.

We also highlight the continuous improvement in our

operational safety performance. At each new release, we celebrate having achieved our best performance in our historical series. This quarter was no different. We continue to reduce our Reportable Accident Frequency Rate, accumulating a 7% reduction compared to 2023, our best result so far. This milestone is a testament to the success of our safety initiatives, especially the AGIR Program. This program also promoted an impressive 76% reduction in the accident severity rate compared to 2023, demonstrating the ongoing effectiveness of our preventive actions and our team's commitment to guarantee a safe work environment.

In the social field, we launched the "Talents in the Community Program" at Transnordestina, an initiative that aims to foster development and inclusion in the communities where we operate. This program not only strengthens our ties with these communities but also contributes to the economic and social development of the regions.

These are just a few highlights of our ESG performance in the second quarter of 2024. I invite everyone to explore the following pages of this release for more details on our initiatives and results.

Enjoy your Reading!

Doing well, Doing more, Doing it forever

Helena Brennand Guerra
Health, Safety, Environment and Sustainability Director
of the CSN Group

ABOUT THIS REPORT

Since the beginning of 2023, CSN has started disclosing its actions and performance by making its ESG performance and indicators available individually. This model allows stakeholders to access the main results and indicators quarterly, enabling them to track these more effectively and promptly.

The information included in this release has been selected based on its relevance and materiality to the

Company. The quantitative indicators are presented in comparison with the period that best represents the metric for their monitoring.

More detailed historical data on CSN Group's performance and initiatives, as well as its performance in other ESG targets, can be found in the Company's Integrated Report, available at [Integrated Report-CSN](#). The assurance of ESG indicators occurs annually for the completion of

the Integrated Report, so the information contained in the quarterly releases may be subject to adjustments as a result of this process.

You can also monitor CSN's ESG performance on our website: esg.csn.com.br.

ESG RATINGS

External recognitions in indexes and ratings demonstrates the Company's constantly progress, evidencing its commitment to transparency and reporting the main practices and indicators aligned with sustainable development.

In the second quarter, the CSN Group was once again listed in the FTSE4Good Index.



Evolution in External Evaluations

	2020	2021	2022	2023	2024
SUSTAINALYTICS	50.1	39.1	26.0	26.7	28.1
MSCI	ccc	ccc	B	BB	BB
S&P Global Ratings	34	44	55	51	TBD
ISS ESG	D	D+	D+	C-	C-
CDP DISCLOSURE INSIGHT ACTION	C	B	B	A-	TBD
Transition Pathway Initiative	2	3	3	3	TBD
FTSE4Good			2.5	3.4	3.4
Programa Brasileiro GHG Protocol		✓	✓	✓	TBD
Índice Carbono Eficiente ICO2	-	✓	✓	✓	TBD

Main ESG Goals¹

“OUR AMBITION IS TO PROVIDE ESSENTIAL CARBON NEUTRAL MATERIALS TO THE SOCIETY BY 2050.”

ESG goals

Climate Change

- ✓ 20% reduction in CO₂e emissions per ton of crude steel by 2035, WSA² methodology compared to the base year 2018
- ✓ Reduce CO₂e emissions per ton of cement by 23% by 2030, reaching 392 kgCO₂e/t cement, GCCA³ methodology compared to the base year 2020
- ✓ 30% reduction in CO₂e emissions per ton of ore produced by 2035 (scopes 1 and 2), base year 2020.
- ✓ Carbon neutral by 2044 in scope 1 and 2 emissions by CSN Mineração.

Atmospheric Emissions

- ✓ Reduce 40% of particulate matter emissions per ton of crude steel produced at the UPV (steelworks) by 2030, base year 2019.

Water Use Efficiency and Effluent Management

- ✓ By 2025, systematize and transparently present the volumes of water permitted, captured and released from CSN Group units, relating them to the risks of water scarcity in the basins in which they are located.

Management and De-characterization of Dams

- ✓ Carry out the complete de-characterization of dams built upstream of CSN by 2030.

Biodiversity

- ✓ Seek to achieve no net loss in biodiversity and, whenever possible, net positive impact (net gain).

Natural Capital



Intellectual Capital



Human and Social Capital



ESG goals

Governance, Ethic and Compliance

- ✓ Maintain 100% of active employees trained in compliance, covering the code of conduct and anti-corruption policy.
- ✓ Continuously increase our Compliance Index with the best governance practices provided for in CVM Resolution No. 80/2022 (considered “Practice” and “Partially Practice”).

Occupational Health and Safety

- ✓ Continually achieve the zero-fatality rate across the CSN Group (own employees and third parties).
- ✓ Reduce the accident frequency rate (LTI+NoLTI – own and third parties) by 30% by 2030 in the CSN Group in relation to the base year 2020 (factor of 1 million hours worked).
- ✓ Reduce the number of days lost due to accidents with own employees by at least 30% by 2030, base year 2021

Diversity, Equity and Inclusion

- ✓ Achieve 28% female representation in the CSN Group by 2025 (base year 2020).


Human Rights

- ✓ Implement the Stakeholder Engagement Plan (SEP) at the Alhandra and Arcos units by 2025.

1. The Company has other ESG goals that are published in its Integrated Report. Monitoring the performance of all the Company's goals can be carried out annually through this document.
2. World Steel Association.
3. Global Cement and Concrete Association.



Performance on the main ESG Goals

	Indicators	Unit	Base-Year Indicator	6M24	Δ%	Status	Goal	Year-Goal
Environmental 	Emission Intensity Steel ¹	tCO ₂ e / t crude steel	2.1 (2018)	1.93	-8%		1.68	2035
	Emission Intensity Cement ²	kgCO ₂ e / t cementitious	509 (2020)	507	-4%		392	2030
	Emission Intensity Mining (GHG) ³	kgCO ₂ e / t ore	7.10 (2020)	6.56	-8%		4.97	2035
Social 	Accident Frequency Rate ⁴	LTI + NoLTI	2.46 (2020)	1.64	-33%		1.72	2030
Governance 	Diversity (women on staff)	%	14.3 (2020)	23.4	63%		28%	2025



1. Considers emissions according to the WSA methodology and production from the UPV and SWT units.
2. GCCA Indicator 62 - Specific gross CO₂ per ton of cementitious product (kgCO₂e/t cementitious). The target of a 23% reduction in emission intensity by 2030 compared to 2020 emission levels was approved by SBTi in the 2nd quarter of 2024. This target covers the Cement segment of CSN.
3. Considers emissions only from the mobile combustion category of Scope 1 emissions from CSN Mineração, which represent 95% of CSN Mineração's Scope 1 emissions, noting that Scope 2 emissions are zero due to 100% renewable energy consumption.
4. The rate considers accidents with and without lost time of own and third-party employees per 1 million hours worked from all Company units located in Brazil.

ESG PERFORMANCE

GOVERNANCE

- ✓ CSN Cimentos' decarbonization target approved by the **Science Based Targets** initiative (SBTi)
- ✓ Publication in May of the **2023 Integrated Report** of CSN and CMIN
- ✓ Once again selected to be part of the **FTSE4Good Index** portfolio

HEALTH AND SAFETY

- ✓ **-12% Accident Frequency Rate** (LTI+NoLTI– own and third-party) compared to 6M23 (1.88)
- ✓ **The AGIR Program contributes to a 76% reduction in the accident severity rate** compared to the year 2024
- ✓ **-63% in the number of days lost** (own + third parties) compared to 2023.
- ✓ **+37% in readiness test licenses** compared to 2023

SOCIAL AND DIVERSITY

- ✓ **+63% women representation** in the CSN Group compared to 2020 (base year)
- ✓ **+34% representation of women in leadership** at the CSN Group, compared to 2020
- ✓ **+21% of workforce with some type of disability** compared to 6M23
- ✓ **+28% of trained employees** compared to 6M23
- ✓ **11 thousand participants in the National Day Against Child and Adolescent Sexual Abuse and Exploitation event**

ENVIRONMENTAL MANAGE

- ✓ **-8% in tCO2e/t steel emissions** compared to the target base year (2018)
- ✓ **-8% in kgCO2/t iron ore emissions** compared to the target base year (2020)
- ✓ **-4% in tCO2e/t cementitious emissions** compared to the target base year (2020)
- ✓ **-27% in particulate matter emissions in steelmaking** compared to 6M23

DAM MANAGEMENT

- ✓ **Declarations of stability condition renewed in March, 2024 with all dams considered stable**

ESG



NAVIGATE THE DOCUMENT



ENVIRONMENTAL DIMENSION



SOCIAL DIMENSION



GOVERNANCE DIMENSION





ENVIRONMENTAL DIMENSION



WORLD ENVIRONMENT DAY

June was marked by a series of events held at the Company's operations in celebration of World Environment Day, commemorated during the week of June 5th :

Steel: The Environmental Education Program (PEA), in partnership with the Departments of Education and Environment of Volta Redonda, organized various activities, including workshops, visits to the Municipal Zoo, creation of a garden, and transforming a classroom at Pará Municipal School into a sustainable space. Additionally, there was a guided tour of the ARIE Florest of Cicuta with the Conservation Unit Councilors, of which CSN is a part.

Mining: Activities and dynamics were carried out addressing the theme 'Climate Transformations: Global Challenges and Local Changes,' with the participation of over a thousand employees.

Cement: At various cement integrated factories and grinding units, activities with local communities focused on environmental awareness, including lectures, visits to water treatment plants, and other activities in partnership with municipal schools. Additionally, internal activities were conducted with employees, including lectures and training related to sustainability.



MOBILE FUEL STATION

The project involves optimizing the refueling of off-road trucks at the Casa de Pedra mine by introducing mobile fuel stations within the operational cycle to avoid travel for refueling and long lines. Through CSN's engineering, an innovative large convoy truck was developed to operationalize this project. With this project, it will be possible to increase our ore handling capacity by 1.2% per year and mitigate greenhouse gas emissions.



EVERY DROP COUNTS

To increase water supply to the municipality of Congonhas - MG, at the invitation of the Department of the Environment, CSN Mineração began a conservation and recovery action for springs located in the Paraopeba River Basin.

In June, the CSN team and a contracted company conducted technical visits to the properties selected to benefit. In total, 4 properties will be involved in the recovery and conservation of 11 springs.



ATMOSPHERIC EMISSIONS MITIGATION ACTION

At the Presidente Vargas Plant, CSN has been implementing more robust measures for the mitigation and control of particulate matter emissions in its processes. This included a significant upgrade in the number of fog cannons, from 10 to 21 units. High-power, long-range cannons (between 60 and 90 meters) were acquired and strategically distributed in strategic critical points, such as the raw materials yard, sinter plants, stock house, and coal yard. This improvement aims to increase the speed of suppressing fugitive particles in suspension.



DESCARBONIZATION OF THE PRESIDENTE VARGAS PLANT

The company has started testing projects focused on decarbonizing the steel industry as part of the "Olive" phase of its roadmap. In June, the company successfully tested the use of charcoal in blast furnace 3 at UPV. Another test involved the implementation of an artificial intelligence system in blast furnace 3, aiming to reduce coke consumption by increasing blast temperature. Additionally, during this period, the company invested in the selection of raw materials to quantify the impact of their use on reducing GHG emissions by using higher-grade iron ore, substantially reducing CO₂ emissions in May and June.





OUR ENERGY UNITS IN RIO GRANDE DO SUL

The state experienced significant losses due to historic rainfall in June 2024.

Event

- Highest precipitation in the last 60 years, exceeding the historical average by 507% (*Historical average between 1969-2022: 120mm*).
- Average accumulated precipitation in May 2024 in Rio Grande do Sul was 710mm.

Now Days

- There was no rupture of CSN Energia structures.
- There were no environmental liabilities or significant environmental impacts.
- HPP Jacuí and HPP Canastra were affected by flooding.

Actions Taken and Future Prevention

- **Emergency Response Plans** for the affected dams were activated, ensuring safety in the self-rescue zones.
- Successful engagement with communities resulted in **agil communication and relocation of all people** in risk areas with the assistance of Civil Defense.
- Structural impacts are being assessed, and necessary investments for repairs, modernization, and enhancement of plants are being defined.

Our people

With the aim of train employees to respond effectively and safely to crisis situations, the specific training related to the **Emergency Action Plan**, made available in the **Corporate University** as a mandatory course, includes detailed instructions on evacuation procedures, communication during emergencies, the use of safety equipment, and protocols for various incidents. These are essential points to ensure a coordinated response, minimizing risks and protecting lives and property during critical moments.

Solidarity Action!

CSN and its employees came together for a solidarity campaign. The action resulted in the distribution of **50 thousand blankets** to people affected by the floods in Rio Grande do Sul. This effort reflected the unity and empathy of CSN employees. The donation was distributed in six cities in Rio Grande do Sul: Canela, Canoas, Pelotas, Porto Alegre, São Francisco de Paula, and Três Coroas. In addition to the blankets, CSN also donated **2,850 pallets**, which were transformed into beds and helped with the logistics of distributing donations.



DANS MANAGEMENT

In March 2024, all dams of CSN Mineração, Minérios Nacional (MIPE), and Estanho de Rondônia (ERSA) – companies controlled by the CSN Group – had their stability guaranteed by an independent external auditor, as required by current national legislation.

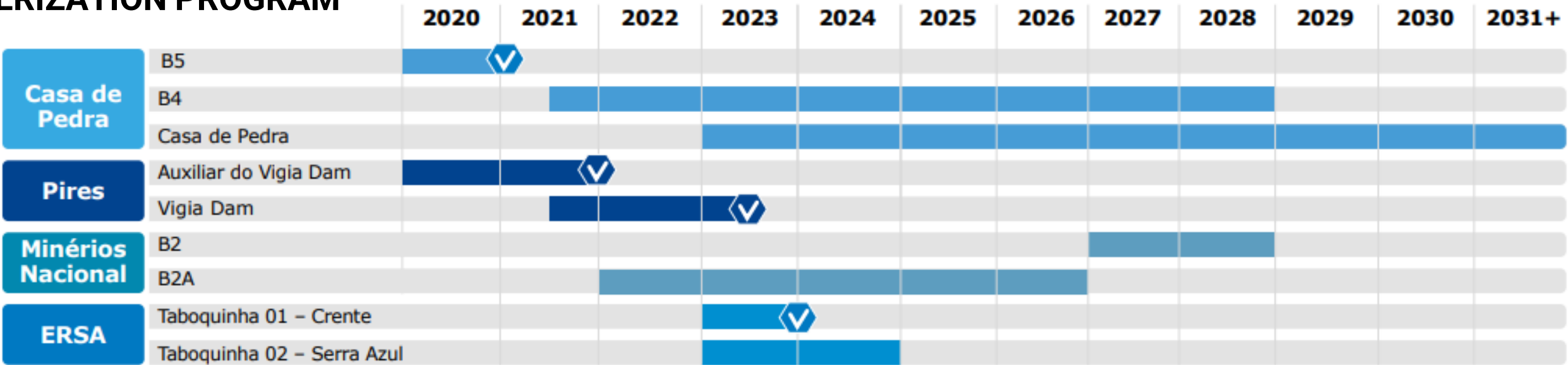
Continuing with the Company's schedule, the de-characterization of the Auxiliar do Vigia, B5, and Taboquinha 1 dams has been completed. The Vigia Dam has had its de-characterization recognized by FEAM, with only legal monitoring remaining for it to be deregistered as a dam by ANM. The works on the B2A, B4 e Taboquinha 02 dam are ongoing, with completion scheduled, as per the below schedule.

The stability of the B2A Dam was declared in March 2024, allowing for the continuation of its de-characterization process, expected to be completed in 2026.

All Dams with
stability
Certified

(March.2024)

DECHARACTERIZATION PROGRAM



External audits carried out twice a year



Cross-checking (peer review) of audits and projects



New projects in progress for the reuse of mining tailing



ENVIRONMENTAL PERFORMANCE

Atmospheric Emissions – Steel	Unit	6M23	6M24	Δ%
NOX Emission	t	861.7	964.8	12
SOX Emission	t	1.013.0	705.2	-30
PM Emission	t	1.410.6	1.025.0	-27
Air Quality – Steel ¹	Unit	6M23	6M24	Air quality index
UPV – Vila Santa Cecília – Automatic Station	µg/m³	20.9	19.7	100% Good
UPV – Retiro – Automatic Station	µg/m³	26.7	28.9	95.05% Good 4.95% Moderate
UPV – Belmonte – Automatic Station	µg/m³	32.9	32.6	92.86% Good 7.14% Moderate
Atmospheric Emissions ² - Cement	Unit	6M23	6M24	Δ%
NOX Emission	t	4,021	5,781	44
SOX Emission	t	3,492	4,529	30
PM Emission	t	654	425	-35
Water Management	Unit	6M23	6M24	Δ%
Water withdrawal	Megaliters	47,632	51,987	9
Water disposal	Megaliters	38,924	43,074	11
Water consumption	Megaliters	8,708	8,913	2
Water Intensity	Unit	2023	6M24	Δ%
Intensity per steel production	M³/ t steel	21.0	20.9	-0.5
Intensity per cement production	L/ t cement	196	178.2	-9
Intensity per ore production ³	M³/ t ore	0.26	0.28	8
Waste Management	Unit	6M23	6M24	Δ%
Hazardous waste generated	t	18,202	22,032	21
Non-hazadous waste generated	t	1,603,099	1,545,617	-4
Percentage sent for sustainable treatment	%	96.3	97.6	1
Climate Change	Unit	2023	6M24	Δ%
Emissions intensity per steel production ⁴	tCO ₂ /t	2.1	1.9	-10
Emissions intensity per cementitious production ⁵	kgCO ₂ /t	485	507	5
Emissions intensity per iron ore production ⁶	kgCO ₂ /t	7.0	6.5	-7

1. Referring to UPV. Considers monitoring carried out at automatic stations and presents the annual average of emissions. Air quality was classified as “good” in more than 90% of measurements.

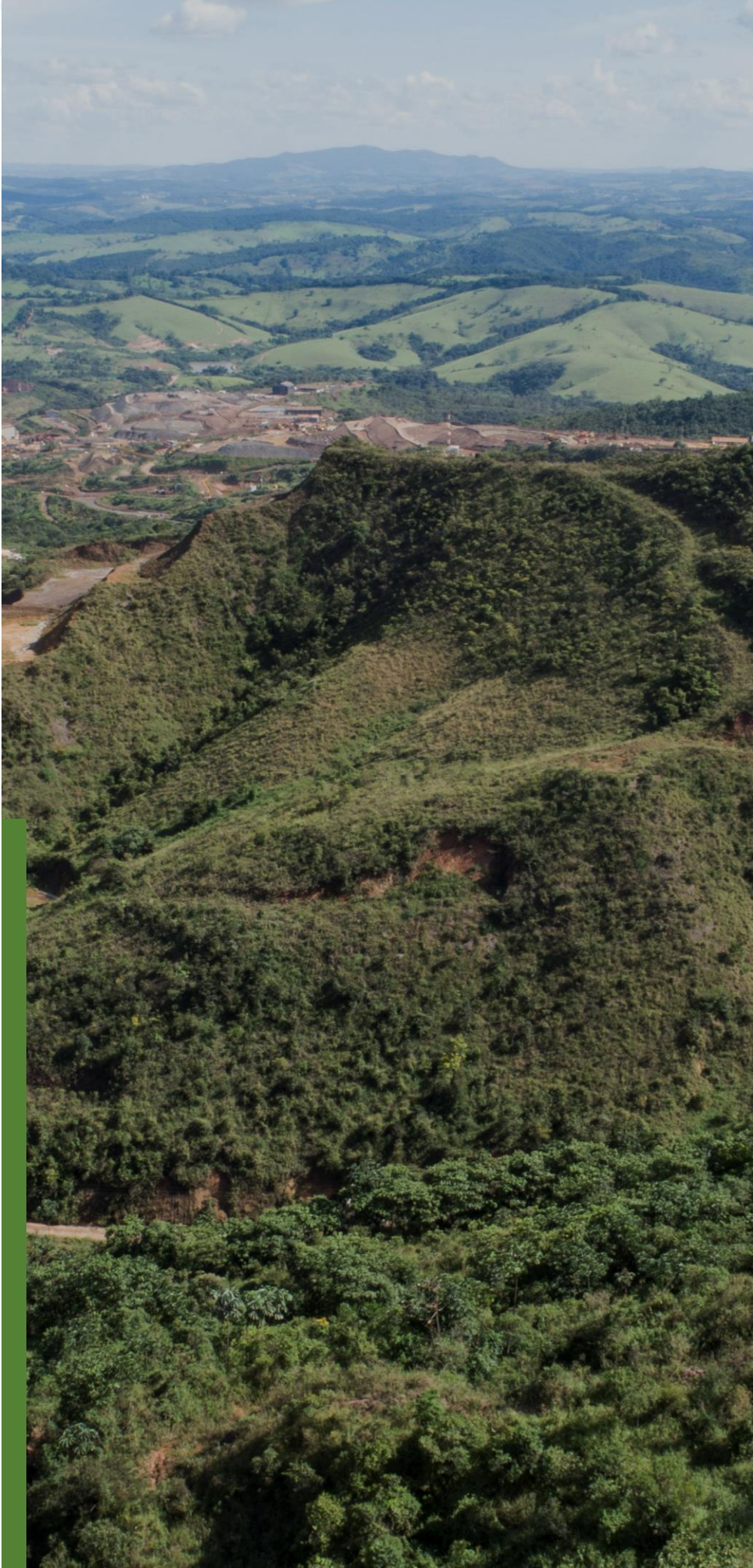
2. The variation in NOx and SOx values in the Cement segment is due to variations in the combustion process in clinker furnaces. The significant reduction in Particulate Matter occurred due to maintenance on the filter at the Barroso unit.

3. Considers the capture of water from the production process of the central plant of Casa de Pedra, the production process of Pires and drinking water.

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

5. GCCA 62 indicator - Specific gross CO₂ per ton of cementitious product (kgCO₂e/ton cementitious).

6. Considers emissions only from the mobile combustion category of CSN Mineração's Scope 1, which represent 95% of CSN Mineração's Scope 1 emissions, emphasizing that Scope 2 emissions are zero because electricity consumption comes 100% from renewable sources.





SOCIAL DIMENSION

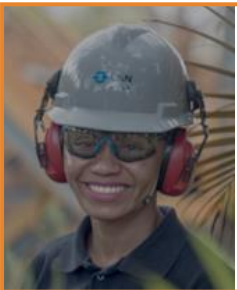
OCUPATIONAL HEALTH AND SAFETY

ADVANCES OF THE AGIR PROGRAM



Safety is a value that must be assumed by all workers. For CSN, the commitment to Occupational Health and Safety is aligned with business goals, ensuring the well-being of people, processes, and assets.

With the launch of the AGIR program at the beginning of the year, active leadership participation has demonstrated significant positive results in reducing serious accidents in the Company's operations. Based on the pillars of "Health and Safety Culture," "Management of Critical Risk," and "Process Safety," the following actions were implemented:



Health and Safety Culture

- Review and implementation of the CSN Group's Health and Safety Consequence Management Program.
- "Field Leadership" initiative implemented, focusing on having managers more present in operational areas.



Management of Critical Risks

- Critical Risk Program implemented across all CSN Group businesses, addressing risks with high potential to cause serious or catastrophic harm to people and the environment.



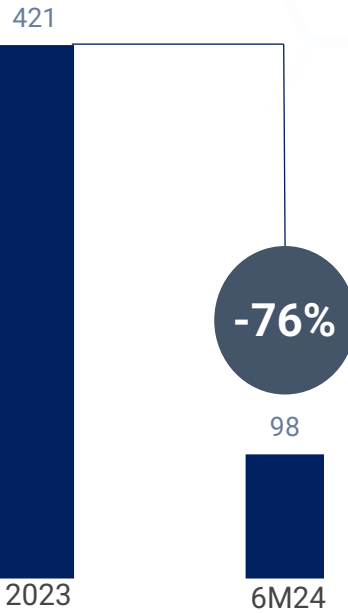
Processes Safety

- Process Safety management area implemented, consisting of applying a set of practices, measures, and systems to ensure industrial operations are conducted safely, minimizing risks to workers, local communities, and the environment.

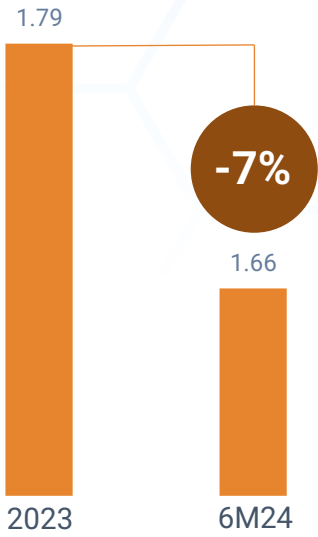
FIRST SEMESTER RESULTS

- **76% reduction in the accumulated severity rate** compared to the previous year, with a rate of 421. In 2024, the current rate is 98.
- **6.7% reduction in the number of reportable events (LTI+NoLTI+FT)** for own and third-party employees compared to the same period of the previous year.
- **Zero fatalities in all CSN Group units.**

CSN Group
Severity Rate¹



CSN Group
Frequency Rate¹



DISSEMINATION OF KNOWLEDGE

During this period, "gamified" training sessions were also implemented for the entire leadership of the CSN Group on the "Corporate University" platform. These trainings focused on the Critical Risks of the CSN Group's business segments, with an emphasis on the leader's role in preventing accidents and fatalities. So far, more than 70% of managers have completed the training, with over 1,150 participants.

1. CSN Group severity and frequency rate calculated with a factor of 1MM HHT.



SOCIAL DIMENSION

HUMAN DEVELOPMENT

DIVERSITY, EQUITY AND INCLUSION (DE&I)

Citizen Mentoring Program:

Registrations were opened for the 4th cycle of the Citizen Mentoring Program by the CSN Foundation, connecting experienced employees with young people from the Garoto Cidadão project. The program aims to support the professional development of young people in social vulnerability. The 4th cycle received over 200 mentor applications and will involve 50 young participants from various locations, who will go through four months of mentoring and training in self-awareness, interpersonal skills, communication, and job market preparation. The program includes both in-person and online meetings, as well as employability opportunities and a learning pathway at the CSN Group's Corporate University.

Inclusion Program:

Annually, the Inclusion Program aims to train people with disabilities and prepare them to work as steel plant operators with an emphasis on logistics, taught by the ETPC (Technical School) of the CSN Foundation. In June, 13 people graduated and presented projects evaluated by CSN leaders. The course was free and offered a scholarship, promoting opportunities for labor market insertion, with the possibility of being hired by CSN.

Comunnity Talents Program:

Transnordestina created the Community Talents Program to develop a female talent pool, qualifying women with high school education to join its workforce. Between June 24 and 28, 23 women in São Luís participated in a railway immersion at the FTL branch and visited the Itaqui Port. The project supports female careers and strengthens recruitment in regions with a scarcity of female labor, helping the company achieve Diversity, Equity, and Inclusion goals. Workshops have already taken place in Salgueiro (PE) and São Luís (MA), and soon in Teresina (PI) and Sobral (CE).

TRAINEE PROGRAM

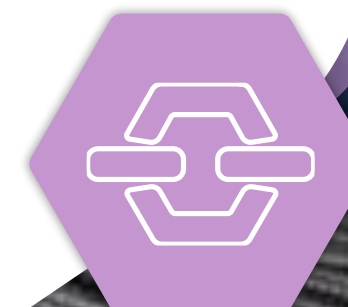
In the second quarter, the on-the-job phase began, with 60 trainees entering the core areas with projects, goals, and a competency plan for individual development.

In the current stage, the trainees have joined various units of the Company, in segments such as Steelmaking, Mining, Logistics, Energy, Railway, Cement, Corporate, Prada Packaging, and Prada Distribution.

INTERNATIONALIZATION 2024

Continuing the Internationalization Journey, in April, three groups of 27 employees in total embarked to the United States, Portugal, and Germany to promote strategic projects for the Group.

This initiative was implemented in 2023 to open up markets, strengthen ties with local business partners, and implement new practices and processes that can be more efficient in the Company's daily operations.





SOCIAL DIMENSION

SOCIAL RESPONSABILITY



TRAINING

In the second quarter of 2024, with a focus on preparing young people for the job market, the CSN Foundation launched new classes of the Empower to Grow project in Congonhas/MG and Volta Redonda/RJ. This initiative aims to promote social responsibility by providing young people with the opportunity to acquire essential skills and knowledge for their job market insertion. Currently, 109 young people are participating in the project.

AWARENESS

To mark May 18 – National Day Against Child and Adolescent Sexual Abuse and Exploitation – students from all 14 units of the Garoto Cidadão project developed actions to promote debate on human rights and raise awareness about the issue in their respective communities. With the participation of almost 11 thousand people, these initiatives aimed to create a safe and educational environment, engaging the community in combating sexual abuse and exploitation, and promoting the inclusion and well-being of children and adolescents, aligning with sustainability and corporate governance objectives.

ENGAGEMENT OF THE ELDERLY COMMUNITY

To improve living conditions and engage the elderly community of Volta Redonda (RJ), the CSN Foundation launched the first projects directly aimed at this population in June, strengthening community engagement. The CSN Foundation joins forces with the city's efforts through the Social Assistance Secretariat (SMAS) and the Sports and Leisure Secretariat (SMEL). The program Os Bailes da Vida (Life's dances) promotes digital inclusion, rescues and values memory, and strengthens active aging through ballroom dancing. Aiming for social and cultural participation, safety, and learning. Another important initiative is the Resgatando Saberes project, which aims to share knowledge about family farming, productive backyards, and healthy eating, promoting sustainability and improving the quality of life for the elderly population. The projects have the capacity to serve 220 seniors.

TAMBORES DE AÇO GROUP (STEEL DRUMS GROUP)

The Tambores de Aço group held the "Nossas Raízes" tour, reaching Belo Horizonte and performing at the Palácio das Artes during the 35th São Paulo Biennial. The show attracted an audience of 500 people.

	6M24
Young people benefited ¹	4,811
Young employees ²	1,118
Públic served ³	213,440

¹ Young people benefited by the Garoto Cidadão, Capacitar, Young Apprentice, Internship, Steel Drums and Soccer projects.
² Young employees from the Foundation's programs: Young Apprentice, Internship Integration, Citizen Mentoring, Theater Scholarship, Capacitar Hotelaria e Serviços.
³ Public present at the public presentations, carried out by the projects: Garoto Cidadão, Caminhão, Tambores de Aço, Centro Cultural and Histórias que Ficam.



SOCIAL PERFORMANCE

Occupational Health and Safety	Unit	6M23	6M24	Δ%
Number of injuries with and without lost time (own employees)	-	47	43	-9
Number of injuries with and without lost time (third parties)	-	41	42	2
Fatality (Own employees)	-	1	0	-100
Fatality (Third Parties)	-	1	0	-100
Frequency rate of reportable work accidents (factor of 200k worked hours)	Rate	0.38	0.33	-13
Frequency rate of reportable work accidents (factor of 1MM worked hours)	Rate	1.88	1.66	-12
Accident severity rate (factor of 200k worked hours)	Rate	61	20	-67
Accident severity rate (factor of 1MM worked hours)	Rate	304	98	-67

Sustainable Value Chain	Unit	6M23	6M24	Δ%
Purchases from local suppliers	%	36.1	40.0	11
Purchases from local suppliers (Services)	%	38.7	35.6	-8
Purchases from local suppliers (Materials)	%	33.6	45.3	35

Training	Unit	6M23	6M24	Δ%
Training hours	Hour	299,448	344,731	15
Trained employees	Number	18,705	23,981	28
Investment in training	R\$	3,114,578	2,140,149	-31

Employment ¹	Unit	6M23	6M24	Δ%
Women in the workforce	%	21.0	23.4	11
Women in leadership positions	%	13.3	14.8	11
People with disabilities	%	1.4	1.7	21
Racial Diversity				
• Yellow	%	1.4	1.3	-7
• White	%	41.3	41.7	1
• Indigenous	%	0.3	0.3	-
• Black	%	15.1	14.9	-1
• Brown	%	39.1	39.0	-
• Not informed	%	28	2.7	-4
Turnover ²	%	3.8	3.2	-16

¹ Diversity data does not include members of the Board and Non-Effective public.

² Turnover data considers only CLT (Brazilian Laboral Consolidation Law) and Non-CLT programs and does not include Non-Effective public.





GOVERNANCE DIMENSION

Integrated Report 2023

Publication on May 2024

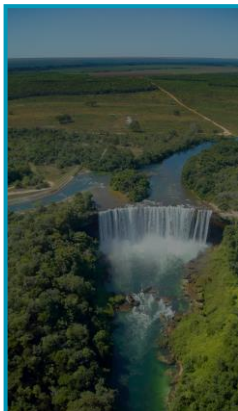
- **Publication** in line with best market practices and transparency with our stakeholders.
- **Complete reporting of SASB indicators** for the Iron & Steel Producers, Metals & Mining, and Construction Materials sectors.
- Ensured by **external verification**, guaranteeing transparency and data accuracy.
- **Energy and cement assets fully integrated into qualitative and quantitative indicators.**



[Access here](#)

KEY HIGHLIGHTS OF 2023 REPORT

ENVIROMENTAL



- Completion of nature-related risk and opportunity assessment based on the TNFD framework and integration with the climate risk matrix.
- **100% self-generated electricity from renewable sources in Brazil.**
- Cement decarbonization target submitted to the SBTi (approved in 2Q24).

SOCIAL



- +61% in **female representation** compared to 2020 (baseline year).
- Adherence to the **Empresa Cidadã** program.
- 57 million invested through the **CSN Foundation**.
- Achieved 100% of employees trained in **Compliance**.
- Launch of the **Health and Safety Agir Program**.

GOVERNANCE



- **Significant progress in ESG ratings**, focusing on improving the MSCI rating from “B” to “BB” and the CDP score from B to A- in Climate Change and from B- to A- in Water Security.
- Review and publication of the **CSN Group’s double materiality**.



GOVERNANCE DIMENSION

CSN CIMENTOS DECARBONIZATION TARGET APPROVED BY THE SCIENCE BASED TARGETS INITIATIVE (SBTi)

In June, CSN Cimentos' decarbonization target was officially approved by the Science **Based Targets initiative** (SBTi). This milestone reflects the Company's commitment to sustainability and climate science.

CSN Cimentos has committed to reducing CO₂ emissions by 23% per ton of cement produced by 2030, achieving 392 kg CO₂e/t of cementitious materials. This ambitious target demonstrates dedication to leading the cement industry towards more sustainable practices.

The achievement of this target depends on innovative projects, including:



Increased substitution of alternative fuels

Supported by *Revalora*, the Company advances in using more sustainable fuels in the furnaces.



Expansion of UTIS technologies

By using advanced technologies, the company will gain energy efficiency and reduce emissions using green hydrogen.



Projects to reduce the clinker factor

Initiatives will be implemented to reduce the amount of clinker used in cement, significantly reducing GHG emissions.

“We are committed to continuing to lead the sector with innovative practices and reducing our greenhouse gas emissions.”

- Helena Guerra, Dir. Sustainability



The initiative defines and promotes best practices in emission reduction and net-zero targets in line with climate science. By aligning with the SBTi, we commit to limiting global temperature rise to 1.5°C by 2050.





Companhia Siderúrgica Nacional