

QUARTERLY RELEASE

ESG Performance
1Q25

ESG LEADERSHIP

We began 2025 with **enthusiasm and the confidence that we are prepared for another year** of consistent progress toward a more sustainable, safe, and inclusive future. It is with great satisfaction that I share the key highlights from the CSN Group in this first quarter – a reflection of the dedication of our teams and our ongoing commitment to social and environmental responsibility.

We started the year by **maintaining our decarbonization performance**. This period saw a reduction in our emissions across all segments. In mining, greenhouse gas emissions were reduced by 9%. In cement – which accounts for more than 40% of the Group's total emissions – we achieved a reduction of over 2% in emissions intensity. In steelmaking, the use of innovative technologies, combined with more efficient raw materials, enabled us to reduce our GHG emissions intensity by 8% compared to each target's baseline year.

In addition, we set two new goals for the cement segment. The first is **to reach a 50% thermal substitution rate by 2030**, in line with circular economy principles and further reducing CO₂ emissions in the sector. The second aims **to reduce particulate matter emissions by 25% by 2035**. These ambitious targets reflect our unwavering pursuit of continuous improvement and increasingly sustainable production.

Also in the first quarter, we completed a new phase of external verification of our dams – **all of which received stability certificates issued by independent auditors**.

Regarding employee safety, we intensified our efforts through the **AGIR Program**. We restructured its strategic pillars to bring leadership closer to operational areas, aiming to achieve even stricter performance and safety benchmarks.

We also hosted the **4th ESG Ambassadors Encounter**, with a focus on training in risk management and alignment with the new international frameworks IFRS S1 and S2. We are confident that this initiative will further strengthen our risk management and culture, enabling us to deepen our action plans and seize the opportunities and synergies we are mapping.

Lastly, we advanced the development of **CSN Group's 2024 Integrated Report**, set to be published in April. The report will present a comprehensive set of indicators and targets aligned with leading international standards, along with detailed information on our sustainability practices and ESG risk management.

And this is just the beginning. May this year be marked by even more innovation, responsibility, and shared achievements. I invite everyone to explore this release and follow along as we build this next chapter together.

Fazer bem, Fazer mais, Fazer para sempre

Helena Brennand Guerra
Sustainability, HSE & Assets Officer

ABOUT THIS REPORT

Since the beginning of 2023, CSN has been disclosing its actions and performance, providing its ESG performance and indicators individually.

The information included in this release was selected based on its relevance and materiality to the Company. Quantitative indicators are presented in comparison with the period that best represents the metric for monitoring purposes.

Historical data on the performance and initiatives of the CSN Group, as well as progress on Other ESG goals, can be found in the Company's Integrated Report, available [here](#). ESG indicators are assured annually as part of preparation of the Integrated Report; therefore, the information contained in quarterly releases is subject to adjustments resulting from this process.

CSN's ESG performance can also be followed on our website: <https://esg.csn.com.br/>

ESG RATINGS

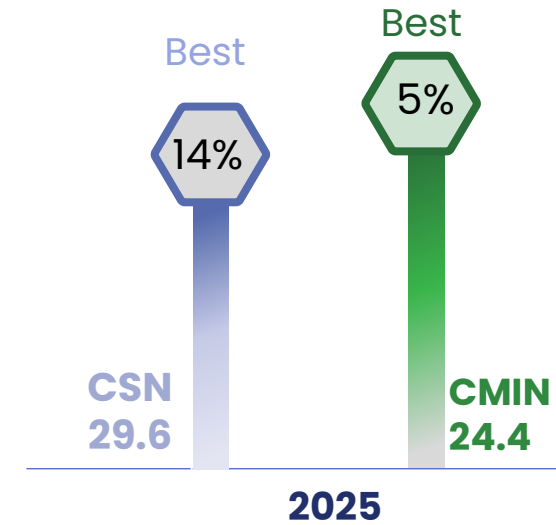
External recognition through indices and ratings highlights the Company's continued progress, demonstrating our commitment to transparency regarding key practices and indicators aligned with sustainable development.

In the first quarter of 2025, we maintained the excellent results achieved in 2024, **positioning CSN and CMIN among the top 10% of companies in the sector according to S&P Global. The companies ranked 22nd and 9th, respectively, out of 158 companies evaluated globally by Sustainalytics.**

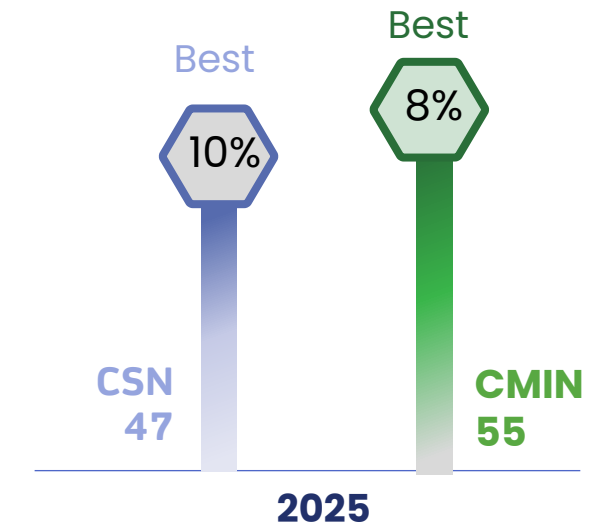
During the first quarter, the CSN Group maintained its participation in the CDP, reinforcing its commitment to sustainability. CSN, CSN Mineração, and—for the first time—CSN Cimentos all received a grade of B in climate assessments. In the CDP Water Security assessment, **CSN received a grade of A-, and CSN Mineração received a B.**



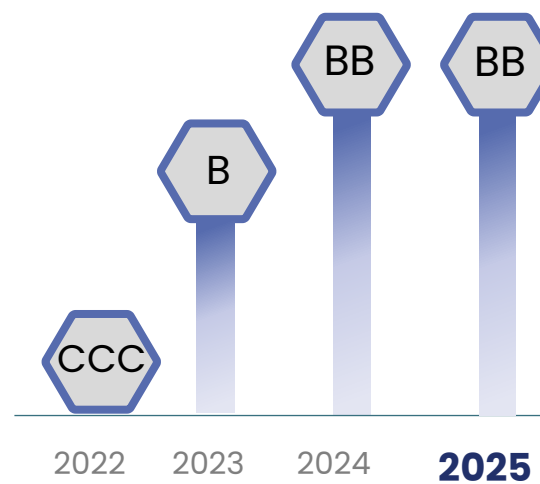
CSN awarded the "Industry Top Rated" badge. The company is ranked 22nd out of 158 in the sector. CMIN is ranked 9th.



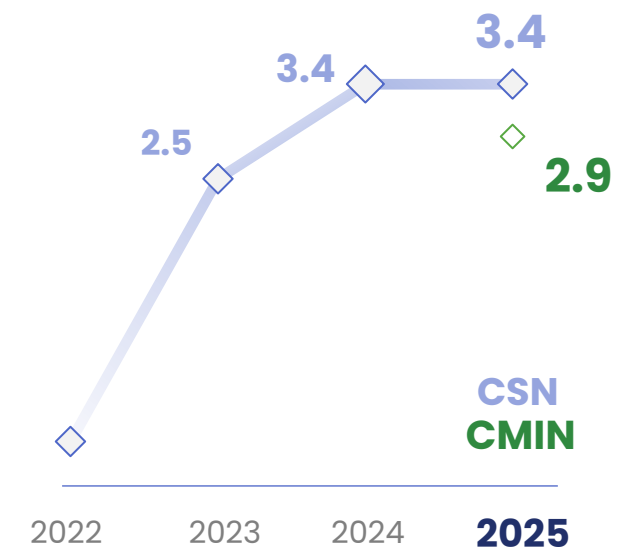
In the sector assessment, CSN is ranked among the top 10% while CMIN stands out among the top 8%.



Constantly improving our ESG performance, evolving from CCC to BB in three years.



FTSE4Good



ESG HIGHLIGHTS

GOVERNANCE

- ✓ **4th ESG Ambassadors Meeting**, focused on risk management and preparation for IFRS S1 and S2
- ✓ **Launch of the Be Compliance platform**, consolidating and enhancing the level of management on the topic
- ✓ **Preparation of 2024 Integrated Report**, published in April 2025

SOCIAL & DEI

- ✓ **+75% female representation** in the CSN Group, compared to 2020 (baseline year), **+350 women** compared to 1Q24
- ✓ **January White: Mental Health Campaign**, which included practical activities aimed at promoting the emotional well-being of employees
- ✓ **3,5% increase in the number of women in leadership position**
- ✓ **Expansion of Garoto Cidadão Project in Rio Acima** (Minas Gerais State), **+110 new positions**

TAILING DAMS

- ✓ **Dams renewed in March 2025 with all dams considered stable**

OCCUPATIONAL HEALTH & SAFETY

- ✓ **-23% in the number of events with Potential Serious Injuries or Fatalities (PSIF)**
- ✓ **Expansion of the AGIR Program, with the reformulation and addition of a new pillar, "Leadership"**, bringing leaders closer to day-to-day safety
- ✓ **-18% in the Accident Frequency Rate** compared to the baseline year of the target

ENVIRONMENTAL MANAGEMENT

- ✓ **-8% in tCO₂e / t steel emissions**, compared to the baseline year of the target (2018)
- ✓ **-9% in kgCO₂e / t ore emissions**, compared to the baseline year of the target (2020)
- ✓ **-2% in kgCO₂e / t de cementitious emission**, compared to the baseline year of the target (2020)
- ✓ **Recertification of CP III 32 and CP III 40 cement** with the **Falcão Bauer Ecological Seal** (Vitória grinding unit, Espírito Santo State)

MAIN ESG TARGETS¹

Natural Capital



Climate Change

- ✓ Reduce CO₂e emissions per ton of crude steel by 20% by 2035, following in WSA² methodology, compared to the 2018 baseline year
- ✓ Reduce CO₂e emissions per ton of cement by 23% by 2030, achieving 392 kgCO₂e/t cement, following the GCCA³ methodology, compared to the 2020 baseline year
- ✓ Reduce CO₂e emissions per ton of ore produced by 30% by 2035 (Scopes 1 and 2), compared to the 2020 baseline year
- ✓ Achieve carbon neutrality by 2044 for Scope 1 and 2 emissions of CSN Mineração

Atmospheric Emissions

- ✓ Reduce particulate matter emissions per ton of crude steel produced at UPV by 40% by 2030, compared to the 2019 baseline year
- ✓ Reduce particulate matter emissions by 25% by 2035 compared to the 2024 baseline year

Water Use Efficiency and Effluent Management

- ✓ Systematize and transparently present the volumes of water permitted, captured, and discharged by CSN Group units, relating them to water scarcity risks in the basins Where they are located, by 2025

Dam Management

- ✓ Decommission all dams built by the upstream constructive method until 2030

Biodiversity

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

Human and Social Capital



Occupational Health and Safety

- ✓ Reduce the number of days of leave due to accidents with own employees by at least 30% by 2030, compared to 2021
- ✓ Continuously achieve a zero-fatality rate across the entire CSN Group (own employees and contractors)
- ✓ Reduce the accident Frequency rate (CAF + SAF for own employees and contractors) of the CSN Group by 30% by 2030, compared to the baseline Years (rate per 1 million hours worked)

DEI

- ✓ Achieve 28% female gender representation in CSN Group by 2025, compared to the 2020 baseline year

Human Rights

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

Intellectual Capital



Governance, Ethics and Compliance









- ✓ Achieve 100% of active employees trained in Compliance, covering the Code of Conduct and Corruption Policy
- ✓ Continuously increase our Governance Best Practices Compliance Index as outlined in CVM Resolution No. 80/2022 (considered "Compliant" and !Partially Compliant"

1. The Company has other ESG targets, which are published in its Integrated Report, The monitoring of the performance of all Company targets can be done annually through this document.

2. World Steel Association

3. Global Cement and Concrete Association

Performance on ESG TARGETS

	Indicators	Unit	Indicator Base-line year	1Q25	Δ%	Status	Target	Target year
Environmental 	Steel Emission Intensity ¹	tCO ₂ e / t crude steel	2,1 (2018)	1,93	-8		1,68	2035
	Cement Emission Intensity ²	kgCO ₂ e / t cimenticious	509 (2020)	501	-2		392	2030
	Iron Ore Emission Intensity ³	kgCO ₂ e / t iron ore	7,10 (2020)	6,51	-8		4,97	2035
Social 	Total Injury Frenquency Rate TRIFR ⁴	LTI + NoLTI	2,46 (2020)	2,0	-18		1,72	2030
Governance 	Diversity (women in the workforce)	%	14,3 (2020)	25	75		28%	2025



1. Considers emissions according to the WSA methodology and the 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 the SBTi in the second quarter of 2024.
3. Considers only emissions from the mobile combustion category of Scope 1 for CSN Mineração, which represent 95% of its emissions, highlighting that Scope 2 emissions are zero due to 100% of electricity consumption coming from renewable sources.
4. Total Recordable Injury Frequency Rate – This rate includes both lost time and non-lost time injuries involving own employees and contractors, per 1 million hours worked across all Company units located in Brazil.

BROWSE THE
DOCUMENT 

E

environmental

S

social



G

governance



ENVIRONMENTAL



World Water Day Celebration

To celebrate World Water Day (March 22), CSN's Environmental Education Program (PEA) promoted awareness activities on efficient water use, technologies, and climate change. One of the highlights was the release of 5,500 fish fry into the Paraíba do Sul River, which took place on March 20 at the Volta Redonda Civil Defense Deck, RJ.

The initiative emphasizes the importance of sustainable water resource management.

As part of the World Water Day activities, students from the Municipal School visited the ARIE Cicuta Forest. During the activity, they planted dozens of native species seedlings and learned how to make water filters using PET bottles.



Transnordestina successfully tests weeding alternative

The railway performs frequent maintenance on its tracks, including weeding, which removes invasive vegetation along the edges to ensure operational safety. Traditionally, this activity used conventional chemical products. However, the railway is successfully testing a more sustainable alternative: saline weeding—a mixture of water, salt, vinegar, and detergent—which has shown promising results in Salgueiro, Pernambuco. Transnordestina, which crosses states with significant agricultural production, aims to minimize environmental impacts, and saline weeding may represent a significant step forward in complying with environmental regulations and promoting a more sustainable practice for controlling invasive species.



Over 85k seedlings in the Cicuta Forest

CSN has completed the second stage of the reforestation project in the Cicuta Forest, reaching over 80% of its goal by planting more than 85,000 native seedlings. The initiative aims to restore 41.1 hectares within the ARIE Cicuta Forest and its buffer zone in Volta Redonda, RJ. The project is the result of a partnership with ICMBio and reinforces the company's commitment to sustainability and biodiversity preservation.



Ecological Seal recertified for Cement Products

The CP III 32 RS and CP III 40 RS cements, produced at the Vitória grinding unit (ES), were recertified with the Falcão Bauer Ecological Seal for the second consecutive year. To achieve the certification, the unit underwent an audit that assessed the entire production chain of the products — from administrative areas and suppliers to the cement manufacturing process.

First awarded to the unit in December 2020, the certification is part of an environmental labeling conformity assessment program for products and services, based on standards NBR ISO 14024, ISO 14001, and internal requirements of the certifying body. Classified as a Type I Label, it is characterized by a third-party, independent certification process..





DAM MANAGEMENT

In March 2025, all tailings' dams of the CSN Group had their stability guaranteed by an independent external auditor, as required by the current national legislation.

Continuing the company's dam decommissioning schedule, the Vigia, Auxiliar do Vigia, B5, Taboquinha 1, and Taboquinha 2 dams have been completed. The Vigia Dam decommissioning was recognized by FEAM, and only legal monitoring remains before it can be de-registered as a dam with the ANM.

The Taboquinha 2 Dam, from ERSA, whose decommissioning was completed at the end of 2024, will continue to be monitored as required by the applicable legislation.

The works on the B2A and B4 dams are ongoing, with completion expected according to the schedule below.

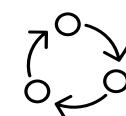
All dams with **certified stability**
(March 2025)

DECOMMISSIONING PROGRAM

		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031+
Casa de Pedra	B5	[Completed]											
	B4		[Ongoing]										
	Casa de Pedra				[Ongoing]								
Pires	Vigia Auxiliary Dam	[Completed]											
	Vigia Dam		[Ongoing]										
Minérios Nacional	B2							[Ongoing]					
	B2A			[Ongoing]									
ERSA	Taboquinha 01 – Crente				[Completed]								
	Taboquinha 02 – Serra Azul				[Ongoing]								



External audits conducted twice a year



Cross-checking (peer review) of audits and projects



New ongoing projects for the reuse of mining tailings



ENVIRONMENTAL PERFORMANCE

ATMOSPHERIC EMISSIONS – CSN GROUP ¹	Unit	1Q24	1Q25	Δ%
Nox emission	t	2.336,1	3.215,3	38
Sox emission	t	1.417,2	1.735,9	22
MP emission	t	703,4	935,0	33

AIR QUALITY – STEEL ²	Unit	1Q24	1Q25	Air quality
UPV – Vila Santa Cecília Station	µg/m ³	16,9	6,8	GOOD
UPV – Retiro Station	µg/m ³	25,1	14,4	GOOD
UPV – Belmonte Station	µg/m ³	26,7	28	GOOD

WATER INTENSITY	Unit	1Q24	1Q25	Δ%
Intensidade por produção de aço	M ³ / t steel	18,6	19,7	6
Intensidade por produção de cimento	M ³ / t cimenticious	0,20	0,21	5
Intensidade por produção de minério ³	M ³ / t iron ore	0,20	0,25	25

WASTE MANAGEMENT	Unit	1Q24	1Q25	Δ%
Classified waste disposal I ⁴	t	11.860	7.551	-36
Classified waste disposal II	t	880.121	794.041	-10
Percentage of recycled waste	%	98	97	-1

CLIMATE MANAGEMENT	Unit	2024	2025	Δ%
Emission intensity per steel production ⁵	tCO ₂ /t	1,94	1,93	0,5
Emission intensity per cimenticious production ⁶	kgCO ₂ /t	494	501	1,4
Emission intensity per iron ore production ⁷	kgCO ₂ /t	6,49	6,51	0,3

1. Includes data from the Brazil steel and cement segments. The increase in NOx and particulate material values reflects variations in combustion performance and the efficiency of control systems, with expectations of improvement from ongoing improvement actions at the units.

2. Considers monitoring conducted at the automatic stations and presents the annual average of monitoring at the UPV. Air quality was classified as "good" in more than 98% of the measurements.

3. Considers the water intake from the production process at the Casa de Pedra central plant, the Pires production process, and potable water.

4.Reduction in the disposal of sludge resulting from the steel production process.

5.Considers emissions according to the WSA methodology and production from the UPV and SWT units.

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

7.Considers emissions only from the mobile combustion category of Scope 1 for CSN Mineração, which represent 95% of the company's emissions, highlighting that Scope 2 emissions are zero due to 100% of electricity consumption coming from renewable sources.





SOCIAL

OCCUPATIONAL HEALTH AND SAFETY

AGIR Program

In 2025, we reinforced our commitment to employee safety by strengthening the AGIR Program, which underwent a significant restructuring. Its pillars were expanded based on lessons learned in 2024, including a new focus on closer engagement with operational leadership. This evolution aimed to bring leadership even closer to frontline operations and raise our standards of safety and operational efficiency.

As a result of this journey, we observed a decrease in Potentially Serious Injuries and Fatalities (PSIFs). In 2024, we recorded a significant 55.3% reduction in PSIFs, followed by a further 23% decrease in the first quarter of 2025 compared to the same period the previous year.

Janeiro Branco (White January)

Throughout January, several development initiatives focused on mental health were carried out across our units. These included workshops, lectures, and practical activities – all aimed at promoting the emotional and psychological well-being of our employees.

PEOPLE'S MANAGEMENT AND DEI

International Women's Month

CSN hosted the live event *"Women in Industry: How Diversity Strengthens Business and Careers"* on March 12, in celebration of International Women's Day. The session featured guest speakers who shared insights on the challenges and opportunities women face in the industry, discussing topics such as inclusive leadership and organizational transformation strategies.

At CSN Mineração, we also inaugurated a new women's locker room at the Casa de Pedra site, equipped with facilities for nursing mothers – further enhancing our operation's ability to welcome and support new female employees.



SOCIAL PERFORMANCE

HEALTH AND SAFETY	Unit	1Q24	1Q25	Δ%
Number of Accidents with and without lost time (Employees)	Number	20	25	25%
Number of Accidents with and without lost time (Contractors)	Number	20	27	35%
Number of accidents with serious consequences (except deaths) (own + third parties)	Number	1	0	-100%
Fatalities (Employees)	Number	0	0	-
Fatalities (Contractors)	Number	0	1	-
Frequency Rate of Notifiable Workplace Accidents (1M HHT Factor)	Rate	1,61	2,02	26%
Severity Rate of Accidents (1M HHT Factor)	Rate	35	277	689%
Potentially High Severity Events (PSIF)	Number	13	10	-23%

SUSTAINABLE VALUE CHAIN	Unit	1Q24	1Q25	Δ%
Purchases from Local Suppliers	%	2.151	2.051	-5
Purchases from Local Suppliers (Services)	%	1.310	1.262	-4
Purchases from Local Suppliers (Materials)	%	939	906	-4

TRAINING	Unit	1Q24	1Q25	Δ%
Training Hours	Hours	130.182	121.287	-7%
Employees Trained	Number	15.462	14.801	-4%
Training Investment	R\$	1.110.338	849.119,31	-24%

EMPLOYMENT ¹	Unit	1Q24	1Q25	Δ%
Women in the workforce	%	23,2	25,0	7,3%
Women in leadership positions	%	14,6	15,1	3,4%
People with disabilities	%	1,7	1,7	-
Racial Diversity				
• Yellow	%	1,4	1,3	-7,1%
• White	%	41,4	41,2	-0,5%
• Indigenous	%	0,3	0,3	0,0%
• Black	%	15	15,3	2,0%
• Brown	%	39	39,7	1,8%
• Not informed	%	2,9	2,3	-20,7%
Turnover ²	%	2,9	5,6	93,1%

¹ Diversity data does not consider Board members and non-permanent employees

² Turnover data only considers CLT and non-CLT programs and does not consider non-permanent employees





SOCIAL RESPONSABILITY

FUNDAÇÃO CSN – 2025 OVERVIEW

The Evaluation and Monitoring team of the CSN Foundation began the year by conducting a survey with the incentivized projects executed throughout 2024, with the aim of measuring the impacts generated in the curatorial area. In total, the projects implemented during this period, with the support of the CSN Group, directly benefited **413,810 people** and reached an audience of **1,396,882 people** through their cultural initiatives. In terms of territorial coverage, the projects were present in 12 Brazilian states.

FAMILY FARMING

In the municipality of Volta Redonda (RJ), the **Resgatando Saberes Program**, aimed at the elderly population, inaugurated its greenhouse, marking the beginning of the planting and cultivation of vegetables and greens. With a focus on sustainability, the initiative aims to promote the exchange of knowledge **on family farming and healthy eating**, encourage productive backyards, and contribute to improving the quality of life for elderly people through the cultivation and distribution of food, as well as foster the practice of urban family farming.

GAROTO CIDADÃO

In partnership with the Rio Acima Municipal Government, through the Department of Social Assistance, the CSN Foundation inaugurated the expansion of the Garoto Cidadão project headquarters in the municipality in March. The project aims to promote social inclusion and contribute to the educational, sociocultural, and emotional development of children and adolescents in situations of social vulnerability, fostering experiences of active citizenship within the communities. With the expansion of its headquarters, the project increased its capacity to serve **220 children** and adolescents, representing a **47% increase** compared to its previous structure.

ECOLOGICAL HOLIDAYS

Reinforcing CSN's commitment to sustainability and environmental education, in January, with the purpose of promoting reflections and debates on the relevance of sustainability among children and adolescents in the municipality of Congonhas (MG), the Environmental Education Program (PEA) developed the initiative "Ecological Holidays," which encourages socio-environmental awareness through playful and educational activities for the children of employees.

	1Q25
Young people benefited ¹	4,799
Young employed ²	1,240
Public served ³	32,161

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.

Access the FCSN
Impact Report





GOVERNANCE

4th ESG Ambassadors Workshop

In February, the CSN Group held **the 4th ESG Ambassadors Workshop**. The event marked the beginning of another cycle of the ESG Committee with an in-person gathering of the eight thematic groups composed of 52 ambassadors. The focus of the event was to expand both the theoretical and practical knowledge of the ambassadors and operations teams regarding ESG Risk Management.

The initiative, led by CSN Inova Bridge **CSN Inova Bridge** – in collaboration with Audit, Risk and Compliance Department, and the Sustainability Department – was primarily focused on risk management training. The goal was to align the company's practices with the international IFRS S1 and S2 frameworks, which are gaining prominence as global references for the disclosure of sustainability-related financial information. IFRS S1 addresses the general presentation of financial information on sustainability-related risks, while IFRS S2 specifically focuses on risks and opportunities related to climate change.

BeCompliance Platform

This quarter, **CSN launched the Be Compliance platform**, a tool developed to strengthen the culture of integrity and facilitate access to content, declarations, training, and guidance channels on ethics and compliance for all employees. The initiative is part of CSN Group's ongoing commitment to best governance practices, promoting a more transparent, secure, and ESG-aligned corporate environment.





Companhia Siderúrgica Nacional

