



3Q24 – ESG PERFORMANCE

LIARDESHIP IN ESG ISSUES

With great enthusiasm, I share the advancements and achievements of CSN Mineração in the third quarter of 2024. Each result reflects our ongoing commitment to sustainability, safety, and social development. I am extremely proud of the transformations our team has been fostering, step by step, contributing to a more solid and responsible future.

We closed the quarter by celebrating our improvement in the S&P Global ESG Rating, reaching 55 points, positioning CSN Mineração among the top 8% of companies globally in the mining and metals sector evaluated by the agency.

To address the extended drought period and as a climate change adaptation measure, particulate control measures were intensified at the Casa de Pedra unit. We acquired 17 new water trucks, doubling our spraying capacity, and initiated testing of an innovative spraying system using drones.

In our journey to meet decarbonization goals, we achieved an 8% reduction in CO₂ emission intensity in iron ore production compared to our 2020 baseline.

In workplace safety, we celebrated a 13% reduction in our Reportable Accident Frequency Rate compared to the same period in 2023. This quarter, we also reinforced our commitment to safety through the SipatMA event, which this year focused on how each of our employees has a responsibility for both their own safety and collective safety.

On the social front, we launched the "First Leadership Program," focused on developing potential successors for supervisory roles. This program includes the "Empower" initiative, dedicated to increasing female representation in leadership roles and fostering

women's professional growth at CSN Mineração.

In terms of diversity, we reached a female representation of 24.7% in Q3 2024, bringing us closer to our goal of 26% women in the workforce by 2025—a 90% increase from the baseline year (2019).

These are just a few highlights of our ESG performance this quarter in 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

Member of the Board of Directors at CSN Mineração
Director of Sustainability, Environment, Health, and Safety at the Group

ABOUT THIS REPORT

Since the beginning of 2023, CSN Mineração 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 CMIN'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-CMIN](#). 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 highlight the Company's continuous progress, underscoring its commitment to transparency regarding key practices and indicators aligned with sustainable development.


Starting in 2023, CMIN began to be assessed independently from its parent company, CSN, by certain ESG rating agencies. In 2024, CMIN was evaluated by the FTSE for the first time, achieving a rating of 2.9 and being listed on the FTSE4Good index.

In the third quarter, CSN Mineração reached 55 points in the S&P ESG Rating Score, positioning itself among the top 8% of companies globally in the mining and metals sector rated by the agency, with data availability classified as "Very High" by the agency.

Evolution in External Evaluations

	2021	2022	2023	2024
 SUSTAINALYTICS	-	-	23.1	25
 S&P Global Ratings	-	30	51	55
 CDP Water	C	B	B	TBD
 CDP Climate Change	B-	B	B	TBD
 Programa Brasileiro GHG Protocol	✓	✓	✓	TBD
 FTSE4Good	-	-	-	2.9

MAIN ESG Goals¹








ESG Goals	
Natural Capital 	Climate Change
	✓ 30% reduction in CO ₂ e 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.
	✓ Continuous maintenance of energy consumption from 100% renewable sources.
	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.
	✓ Maintain water intensity ² below 0.45 m ³ of water withdrawn per ton of ore produced by 2032.
	✓ Achieve 92% water recirculation by 2032.
	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).

ESG Goals	
Human and Social Capital 	Health and Workplace Safety
	✓ Reduce the accident frequency rate (LTI + NoLTI own and third parties) by 30% by 2030 in the CSN Mineração 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 and Inclusion
	✓ Doubling the percentage of female representation at CSN Mineração, base year 2019
	Human Rights
	✓ By 2025, complete 50% of the proposed actions identified in the Human Rights Due Diligence conducted in Congonhas (MG).

1. The Company has other ESG goals that are published in its Integrated Report. Monitoring the performance of all company goals can be done annually through this document.
2. Includes water intake from the production process at the central Casa de Pedra plant, the Pires production process, and drink water.



Performance on the main ESG GOALS

	Indicators	Unit	Baseline	9M24	Δ%	Status	Goal	Year-Goal
Environmental 	Emission Intensity Mining (GHG) ¹	kgCO ₂ e / t ore	7.10 (2020)	6.5	-8.5		4.97	2035
	Water intensity ²	m ³ / t ore	N.A.	0.27	-		0.45	2032
Social 	Accident Frequency Rate ³	LTI + NoLTI	1.96 (2021)	1.05	-46		1.37	2030
Governance 	Diversity (women on staff)	%	13% (2019)	24.7	90		26%	2025

1. Considers emissions only from Scope 1 mobile combustion for CSN Mineração, which accounts for 95% of its emissions, noting that Scope 2 emissions are zero due to 100% renewable electricity consumption.
2. The rate considers lost-time and non-lost-time accidents for both employees and contractors per 1 million hours worked.

ESG PERFORMANCE

GOVERNANCE

- ✓ **55 points in the S&P Global ESG Score**, positioning CMIN among the top 8% of companies globally in the sector.
- ✓ Over **3,000 improvements implemented** through the Continuous Improvement Program.
- ✓ Exclusive **event** for banks and investors in New York during **Climate Week**.

SOCIAL E DIVERSITY

- ✓ **+90% increase in women's representation** compared to 2020 (baseline year goal).
- ✓ **+17% increase in trained employees** compared to 9M23.
- ✓ **+9% increase in employees with disabilities** compared to 9M23.
- ✓ The First Leadership Program benefited over **150 employees at CMIN**.

HEALTH AND SAFETY

- ✓ **-13% reduction in Accident Frequency Rate** (LTI + NoLTI – own employees and contractors) compared to 9M23.
- ✓ **-31% reduction** in lost days (own employees) compared to 9M23.
- ✓ **11 years with zero fatalities** among both employees and contractors.
- ✓ Readiness tests conducted for **over 1,300 users daily**, with no reported accidents among this group.

ENVIROMENTAL

- ✓ **-8,5% in kgCO₂/t iron ore emissions** compared to 2020 (baseline year goal) and -14% compared to 2023.
- ✓ Climate adaptation measure with investments aimed at expanding the **particulate material emission control system**.
- ✓ **+9% increase in waste** sent for **sustainable treatment** compared to 9M23.

DAM MANAGEMENT

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





NAVIGATE THE DOCUMENT



ENVIRONMENTAL DIMENSION



SOCIAL DIMENSION



GOVERNANCE DIMENSION



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ENVIRONMENTAL DIMENSION



TREE DAY CELEBRATION

In celebration of Tree Day on September 21, CSN Mining, in partnership with the CSN Foundation, organized a week filled with activities. Under the theme "Protect to Preserve," the event included the participation of approximately 1.5 thousand employees.

Throughout the week, more than 2,000 native tree seedlings were distributed to schools in the cities of Congonhas and Queluzito. This initiative aimed to raise awareness among the population about the importance of environmental preservation of forests and biodiversity, as well as the need to restore impacted forest areas.



ENVIRONMENTAL EDUCATION WITH SUSTAINABLE HOLIDAYS

The July holidays provided an unforgettable experience for the children of CSN Mining employees through the Environmental Education Program (PEA). From July 5 to 12, the program held "Ecological Holidays" with the theme "Eco Olympics," bringing together 250 children for a variety of fun and educational activities.

During the event, children participated in games and workshops focused on environmental awareness, emphasizing sustainability, nature conservation, and ecological responsibility. This initiative was not only enjoyable but also aimed to spark an interest in environmental preservation, creating a valuable connection between learning and leisure.



PARTICULATE MATERIAL CONTROL

As part of its adaptation to climate change, CSN Mining has been continuously enhancing various actions to control particulate emissions. In addition to operating with fixed sprinkling systems at the mine and plant, mobile sprinkling systems with water trucks, polymer application, and nylon screens on pit slopes, as well as laterite application on product stockpiles and hydroseeding on waste and tailings piles, this year, 17 new water trucks were acquired, doubling the fleet's sprinkling capacity.

Additionally, an innovative drone-based sprinkling system is being tested. Another highlight is a technology that will allow the company to predict areas most likely to emit particulate matter based on temperature and wind analysis, enabling even faster preventive action. In total, more than 440 hectares are scheduled for pit slope and stockpile protection actions in 2024.





DAMS MANAGEMENT

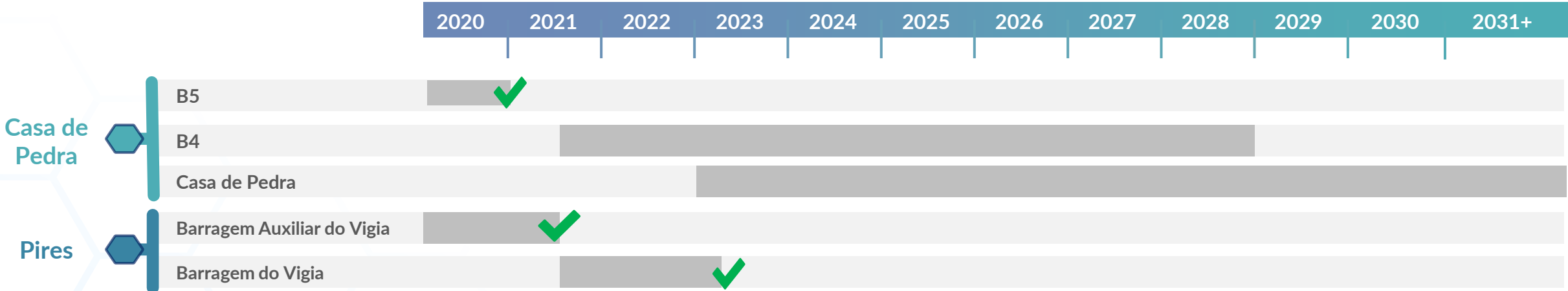
In September 2024, all of CSN Mining's dams had their stability certified by an independent external auditor, as required by current national legislation.

Continuing with the Company's dam de-characterization schedule, the Vigia, Auxiliary Vigia, and B5 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 B4 Dam's works are underway, with completion expected by 2028, as per the schedule below.

All Dams with
stability
Certified

(September.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

Air Quality ¹	Unit	9M23	9M24 ²	IQA
CSN Mineração - Novo Plataforma	µg/m³	44	42	79.3% Good 19.3% Moderate
CSN Mineração - Basílica	µg/m³	28	37	85,7% Good 13.7% Moderate
CSN Mineração - Bairro Plataforma	µg/m³	30	42	77.8% Good 15.6% Moderate
CSN Mineração - Bairro Casa de Pedra	µg/m³	23	32	79.4% Good 18.3% Moderate
CSN Mineração - Bairro Cristo Rei	µg/m³	23	32	84.4% Good 13.3% Moderate
CSN Mineração - Bairro Esmeril	µg/m³	21	39	80.0% Good 15.6% Moderate
CSN Mineração – Comunidade Belo vale	µg/m³	NA	47	66.7% Good 26.7% Moderate
TECAR - Vila Califórnia	µg/m³	25	27	100% Good
TECAR - Vila Aparecida	µg/m³	22	28	100% Good
TECAR - Brisamar	µg/m³	24	28	100% Good
TECAR - Sítio Terezinha	µg/m³	25	34	100% Good

Water Management	Unit	9M23	9M24	Δ%
Water Withdrawal	Megaliters	11,576	13,210	14
Water Disposal	Megaliters	6,541	6,429	-2
Water Consumption ³	Megaliters	5,035	6,781	35

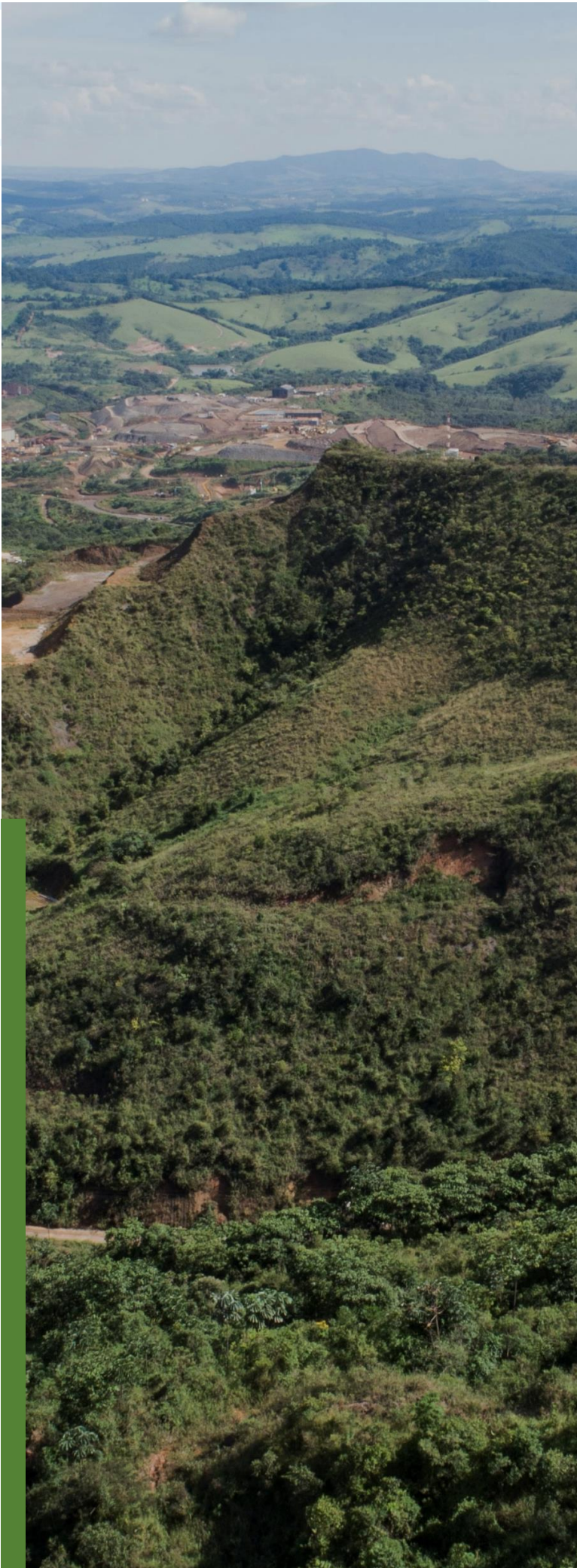
Water Intensity	Unit	2023	9M24	Δ%
Intensity per Iron Ore Production ⁴	M³/ t ore	0.26	0.27	2

CMIN WASTE MANAGEMENT	Unit	9M23	9M24	Δ%
Class 1 Waste Generated	t	1,617	1,862	15.2
Class 2 Waste Generated	t	11,455	10,968	-4.3
Percentage Sent for Sustainable Treatment	%	72%	78%	8.5

Climate Management	Unit	2023	9M24	Δ%
GHG Emissions Intensity per Ton/Iron Ore ⁵	kgCO ₂ /t	7.0	6.5	-7

1. Monitoring is conducted through automatic stations, providing the quarterly average of the monitoring data.
2. This quarter, air quality results were negatively impacted by wildfires caused by the regional drought. Air quality data for the TECAR unit covers January to July 2024, as monitoring data for August and September was unavailable due to technical issues with the equipment.

3. The increase in water consumption is due to new projects currently in the implementation phase at Casa de Pedra.
4. Water data includes withdrawals for the production process at the central plant in Casa de Pedra, the production process at Pires, and potable water.
5. Emissions data includes only mobile combustion within Scope 1 emissions for CSN Mineração, representing 95% of the company's total emissions. Scope 2 emissions are zero, as 100% of electricity consumed is sourced from renewable energy.





SOCIELA DIMENSION

OCCUPATIONAL HEALTH AND SAFETY

ESG PERFORMANCE
3Q24

SIPATMA

From September 23 to 27, CSN Mineração held SipatMA 2024, featuring various activities that reinforced the company's commitment to accident prevention, occupational health, environmental awareness, and combating sexual harassment and other forms of workplace violence.

Under the theme "Health and Safety Start with Me" SipatMA 2024's corporate program included discussions aligned with initiatives developed throughout the year by CSN Group's Sustainability, Environment, Health, and Occupational Safety departments.

Highlights included the AGIR Program, which directly influenced local activities by serving as a foundation for actions aimed at Critical Risk Management. A new feature this year was the "SipatMA 2024 Moment," with podcasts led by Business Directors and the Communications team, covering topics on Critical Risks and enriching the SipatMA 2024 discussions.

During the week, more than 17,000 people participated in 77 activities across the company's units, showcasing CSN Mineração's unwavering commitment to occupational safety, which is reaffirmed as a non-negotiable value in all its operations.

Simultaneously, the Sustainability department presented employees with an overview of responsible water resource management and investments in technologies to reduce and reuse water in company operations. This initiative invited reflection on conscientious water use, for both the company's operations and the planet.

The week also celebrated Arbor Day on September 21, with activities in various units focused on protecting and preserving the forests and habitats surrounding its operations.

READINESS TEST

The readiness test is an online tool that assesses work readiness and predicts possible changes in alertness and responsiveness that could increase the risk of accidents due to personal factors. This test is conducted daily with employees performing critical tasks in all operational units. In the third quarter, we reached a volume of approximately 1,300 users across the Company.

1.380 employees complete the
readiness test daily at CSN Mineração





SOCIAL DIMENSION

HUMAN DEVELOPMENT

DIVERSITY, EQUITY, AND INCLUSION (DE&I)

Mover Hello Program: :

The CSN Group, in partnership with Education First (EF), awarded scholarships for English courses through the Mover Hello Program, aimed at the development of self-declared Black employees. The goal is to broaden career opportunities for these professionals through language skills development. With over 260 applicants from CSN Mineração, the course is fully online, free, lasts for one year, and is available to all proficiency levels with no age restrictions. This initiative supports continuous development and accelerates career growth for these employees.

2024 DEVELOPMENT PATH

In the third quarter, the “Occupational Health and Safety Consequence Management Procedure” training was a highlight of CSN Mineração’s development path, with more than 95% of employees trained. Additionally, the Integrated Report Quiz, covering results, goals, and ESG practices across the Company, was launched as part of the mandatory track for all leadership.

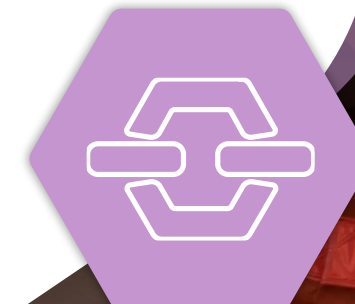
FIRST LEADERSHIP

In July, the First Leadership Program was launched to develop employees identified as potential successors for supervisory roles, benefiting over 150 CMIN employees. Lasting around 10 months, the program provides training to accelerate their development and prepare them for future challenges. Within this initiative, the EMPOWER track was created exclusively for women, offering additional training to boost female career growth and increase women’s representation in leadership roles at CSN Mineração.

INTERNATIONALIZATION 2024

Continuing the Internationalization Journey, in August, 12 employees, including four from CSN Mineração, traveled to the United States and Switzerland to advance strategic projects for the Company.

Initiated in 2023, this initiative aims to expand the Company’s presence in international markets, strengthen local business partnerships, and implement new practices and processes to enhance operational efficiency across the Company.





SOCIAL DIMENSION

SOCIAL RESPONSIBILITY



COMMUNITY ENGAGEMENT

Reinforcing its commitment to transparency and continuous dialogue with the local community, CSN Mining, through the Support Center, conducted a field action for the distribution of the "Contato" newspaper. Published monthly, the newspaper provides updated information on the progress of construction works, operational activities, and the company's impacts on the Residencial, Lucas Monteiro, and Dom Oscar neighborhoods in Congonhas (MG). During the activity, the Support Center team visited residences in these neighborhoods and strategic community points, ensuring that information reached the population in an accessible and direct way.

AWARENESS

The "Garoto Cidadão" project, in celebration of July 13th—the day commemorating the enactment of the Statute of Children and Adolescents (ECA)—promoted actions in all its units to raise awareness about the full protection of children and adolescents. Activities included interventions and discussions in schools, distribution of leaflets, conversation circles, and awareness-raising actions for families on the importance of the ECA. In total, 245 people were impacted by these actions.

	9M24
Young people benefited ¹	5,531
Young employed ²	1,460
Public served ³	86,431

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	9M23	9M24	Δ%
Number of Accidents with and without lost time (Employees)	Number	10	11	10
Number of Accidents with and without lost time (Contractors)	Number	10	8	-20
Number of Lost and Debited Days (Employees)	Number	191	907	375
Number of Lost and Debited Days (Contractors)	Number	262	182	-31
Fatalities (Employees)	Number	0	0	-
Fatalities (Contractors)	Number	0	0	-
Frequency Rate of Notifiable Workplace Accidents (200k HHT Factor)	Rate	0.24	0.21	-13
Frequency Rate of Notifiable Workplace Accidents (1M HHT Factor)	Rate	1.22	1.05	-13
Severity Rate of Accidents (200k HHT Factor) ¹	Rate	6	12	119
Severity Rate of Accidents (1M HHT Factor) ¹	Rate	28	60	119

Sustainable Value Chain	Unit	9M23	9M24	Δ%
Purchases from Local Suppliers	%	35.7	38.8	9
Purchases from Local Suppliers (Services)	%	30.2	29.7	-2
Purchases from Local Suppliers (Materials)	%	58.2	60.9	5

Training	Unit	9M23	9M24	Δ%
Training Hours ²	Hour	54,389	172,941	218
Employees Trained	Number	7,256	8,482	17
Training Investment	R\$	1,246,378	1,005,634	-19

Employment ³	Unit	9M23	9M24	Δ%
Women in the workforce	%	23	24.7	7
Women in leadership positions	%	10.9	11.5	6
People with disabilities	%	1.1	1.2	9
Racial Diversity			0	
• Yellow	%	2.2	2.2	-
• White	%	40.5	40.5	-
• Indigenous	%	0.3	0.3	-
• Black	%	12	12.2	2
• Brown	%	43.5	43.4	-
• Not informed	%	1.6	1.5	-6
Turnover ⁴	%	2.2	2.7	23

1. The severity rate increased in August due to occurrences linked to behavioral factors. However, the "Safe September" campaign helped implement containment measures, halving the rate in September.
2. The increase in training hours was driven by mandatory training sessions from the Corporate University within the Company.
3. Diversity data excludes Board members and non-permanent staff.
4. Turnover data considers only CLT and Non-CLT programs and excludes non-permanent staff.





GOVERNANCE DIMENSION

Continuous Improvement Program

The CSN Group's Continuous Improvement Program is held semi-annually, aiming to enhance the company's results by aligning with strategic goals through identifying opportunities, standardizing, optimizing, and ensuring process sustainability. Methodologies such as Kaizen, CCQ, and Lean Six Sigma are applied as essential tools for continuous improvement projects structured around the pillars of Productivity, Quality, Costs, and ESG. Currently, the Program is implemented in seven units of the CSN Group, the controlling company, with plans to expand to new units in 2025, and is open to the participation of all employees. This ongoing effort reinforces the company's commitment to enhancing, disseminating, and promoting a culture of continuous improvement among employees.

CSN Mineração completed the first Continuous Improvement Cycle of 2024, with over 3,000 improvements implemented throughout the year. This cycle saw the direct involvement of more than 4,000 employees, representing 56% of the total workforce, in projects that generated more than R\$140 million in financial gains, validated by budget management. During Lab Week, our employees presented their initiatives, with 18 projects winning awards in categories such as ESG Kaizen, Productivity Kaizen, Quality and Costs, PDCA, and Lean Six Sigma. Lab Week highlighted improvements implemented from the Mine to the TECAR Port, celebrating five years of the CMIN Continuous Improvement Program.

+3,000
improvements

Risk and Internal Controls Management

The Risk and Internal Controls Management conducted the training "Building the Path of Internal Controls" with the goal of strengthening organizational culture, promoting practices that ensure compliance, and mitigating possible risks to which the CSN Group, the controlling company, is exposed daily. Additionally, it reinforced the importance of maintaining an effective internal control environment.

Employees from the Logistics, Integrated Management Center (CIG), HR, Accounts Payable/Treasury, Accounts Receivable/Billing, Tax, and Controllershship areas participated in the training, which not only reaffirmed CSN Group's commitment to integrity and transparency but also equipped the team to identify and manage risks more efficiently. These trainings are essential for consolidating organizational culture, promoting practices that ensure compliance, and mitigating daily risks, thereby strengthening a robust internal control environment.

