

1Q24 ESG PERFORMANCE



CSN
MINERAÇÃO

Leadership in ESG issues

In 2024, after a year of significant progress and record-breaking performance in production and sales in 2023, we began the year with a notable achievement: IGAM, the agency responsible for water management in the state of Minas Gerais, granted us the permit for surface water extraction necessary to enable the projects of phase 2 expansion of the Casa de Pedra mine.

Additionally, in the quarter, we renewed all Stability Condition Declarations for our dams, ensuring zero emergency level for the structures.

Our operational efficiency and production records also contributed to a 13% reduction in CO2 emissions intensity compared to the same period last year.

Regarding health and safety, we have maintained a zero-fatality record in the Company for over 10 years and achieved historic results in reducing our accident frequency rate (LTI+NoLTI) to 0.51 accidents per million hours worked. This is a historic milestone, the lowest since the indicators began to be compiled in CMIN, surpassing the target set for 2030 of 1.37.

Such results are also a consequence of the recently launched AGIR program.

Launched in December 2023, the AGIR Program is an initiative that, among other actions, promotes active leadership participation in preventing high-potential accidents and fatalities. The positive results of this program are already being perceived in all our safety indicators.

In terms of diversity, we have achieved a representation of 24.5% of women in CSN Mineração, bringing us closer to our goal of 26% female representation in the workforce by 2025, a growth of 10% compared to the same period in 2023.

The period was also marked by the second annual meeting of ESG ambassadors, representing the beginning of a new cycle of the ESG Committee. During the event, strategic projects were defined for each Thematic Group, which will be implemented throughout 2024.

These are just a few highlights of our ESG performance in the first quarter of 2024. More information can be found in the following pages of this release.

Enjoy your Reading!

Doing well, Doing more, Doing it forever



Helena Brennand Guerra

Health, Safety, Environment and Sustainability
Director of the CSN Group and CSN Mineração

ESG Release 1Q24

Since the beginning of 2023, CSN Mineração has started to disclose its actions and performance, providing individualized access to its ESG performance and indicators. This model enables stakeholders to access key results and indicators quarterly, allowing them to track them effectively and more efficiently.

The information included in this release has been selected based on relevance and materiality to the company. Quantitative indicators are presented in comparison with the period that best represents the metric for tracking them.

More detailed historical data on CMIN's performance and initiatives, as well as performance in other ESG goals, can be found in the Company's Integrated Report available at [Integrated Report - CMIN ESG](#). ESG indicators are assured annually for the Integrated Report's closure; therefore, the information contained in quarterly releases is subject to adjustments resulting from this process. The Integrated Report for 2023 will be published on May 09, 2024.

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



ESG Ratings


External recognitions in indices and ratings highlight the Company's continuous progress, demonstrating its commitment to transparency and accountability regarding key ESG practices and indicators aligned with sustainable development.


Starting from 2023, CMIN has been independently evaluated by some ESG rating agencies, separate from its parent company CSN.

In this first quarter, the Company maintained a B rating in the Climate Change and Water Security questionnaires, a score also achieved in the previous year by CDP (Disclosure Insight Action). Additionally, CSN Mineração has been part of the Efficient Carbon Index (ICO2) since 2022, offered by B3 – São Paulo Stock Exchange.



Main ESG Goals¹

Axle	ESG Goals
<p>Natural Capital</p> 	<p>Climate Change</p> <ul style="list-style-type: none"> ✓ Reduce CO2e emissions per ton of ore produced by 30% by 2035 (scopes 1 and 2), compared to the 2019 baseline. ✓ Carbon neutral by 2044 in scopes 1 and 2 emissions. ✓ Continuous maintenance of energy consumption from 100% renewable sources.
	<p>Water Use Efficiency and Effluent Management</p> <ul style="list-style-type: none"> ✓ 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. 🎯 New goal ✓ Maintain water intensity below 0.45 m³ of water captured per ton of ore produced until 2032. 🎯 New goal² ✓ Achieve 92% water recirculation by 2032. 🎯 New goal
	<p>Management and De-characterization of Dams</p> <ul style="list-style-type: none"> ✓ Complete the complete de-characterization of upstream-built dams by 2030.
	<p>Biodiversity</p> <ul style="list-style-type: none"> ✓ Seek to achieve no net loss in biodiversity and, whenever possible, net positive impact (net-gain). 🎯 New goal

Axle	ESG Goals
<p>Human and Social Capital</p> 	<p>Health and Workplace Safety</p> <ul style="list-style-type: none"> ✓ Reduce the accident frequency rate (LTI + NoLTI own and third parties) by 30% by 2030 compared to the base year 2020 (per factor of IMM worked hours). ✓ Reduce the number of days lost due to accidents with own employees by at least 30%, by 2030 compared to 2021 (base year).
	<p>Diversity and Inclusion</p> <ul style="list-style-type: none"> ✓ Double the percentage of women in CSN Mineração by 2025, compared to the 2019 baseline.
	<p>Human Rights</p> <ul style="list-style-type: none"> ✓ 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 potable water.



Performance on the main ESG Goals

	Indicators	Unit	Baseline	1Q24	Δ%	Status	Goal	Year-Goal
Environmental 	Emission Intensity Mining (GHG) ¹	kgCO ₂ e / t ore	7,1 (baseline 2020)	6.64	-6		4.04	2035
	Water intensity ²	m ³ / t ore	N.A.	0.32	-		0.45	2032
Social 	Accident Frequency Rate ³	LTI + NoLTI	1,96 (baseline 2021)	0.51	-74		1.37	2030
Governance 	Diversity (women on staff)	%	13% (baseline 2019)	24.5	88		26%	2025

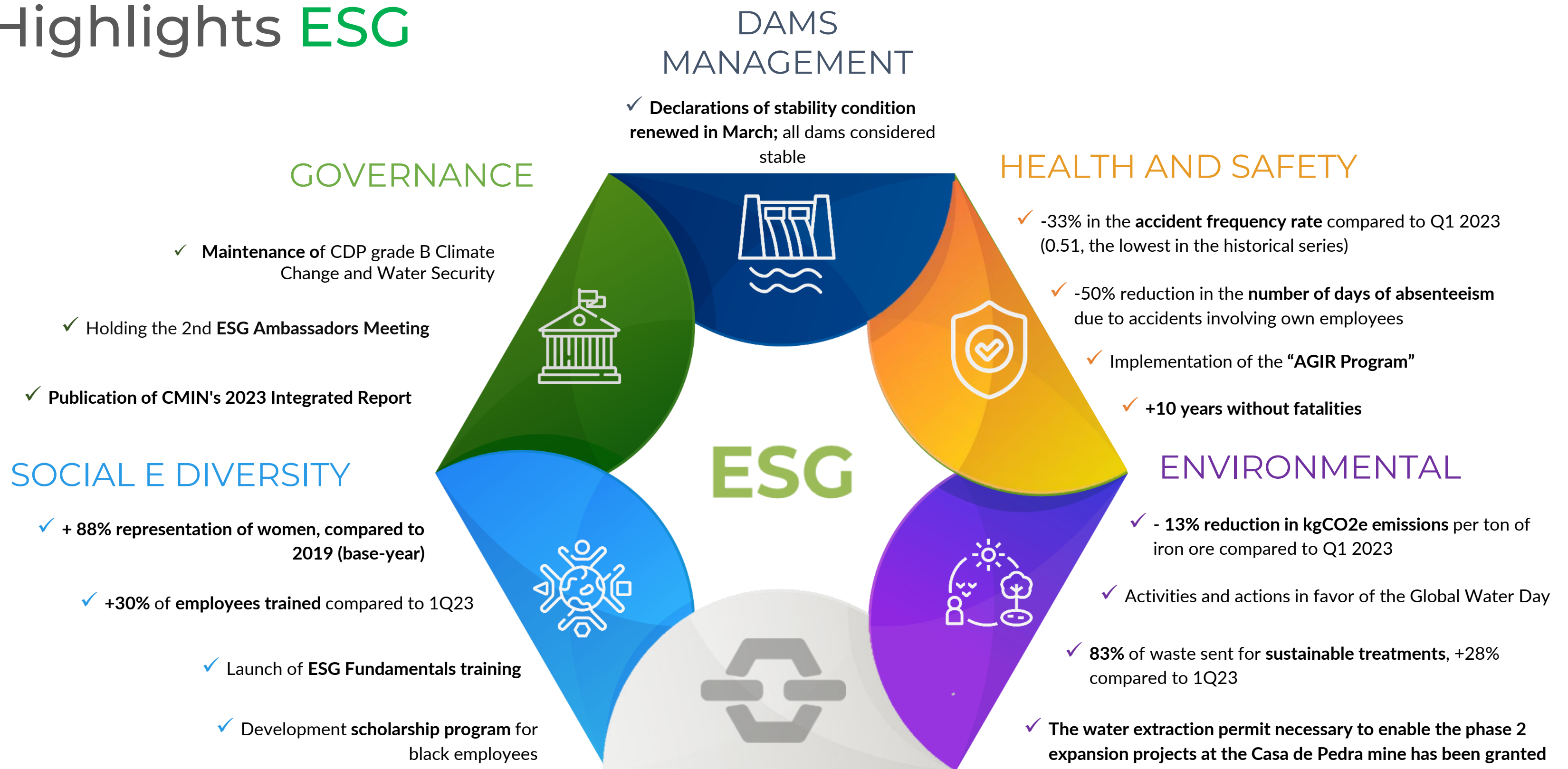
1. It considers emissions only from the mobile combustion category of Scope 1 of CSN Mineração, which represents 95% of the Scope 1 emissions of CSN Mineração, highlighting that Scope 2 emissions are zero due to 100% renewable electricity consumption. The base year of the target was changed from 2019 to 2020 to consider the period in which the practice of moving dry waste without the use of dams became common. This significant change in the tailings management process impacts the level of GHG emissions in operations and, therefore, the comparison with 2020 is more appropriate.

2. A new goal established in the last quarter of 2023 considers the introduction of new ore beneficiation and tailings projects.

3. The rate considers accidents with and without lost time of own and third-party employees per 1 million hours worked.



Highlights ESG



Governance and Transparency Dimension

MAIN ADVANCES

2nd ESG Ambassadors Meeting

In February, another cycle of the ESG Committee began with an in-person meeting bringing together the 56 ESG ambassadors. The event was dedicated to expanding both theoretical and practical knowledge on the topic.

The opening remarks were delivered by the ESG Committee President and the Group CSN's Sustainability Director, who highlighted the results of the previous cycle and the expectations for the new period. The former CFO and the Director of the CSN Foundation also shared their perspectives on the upcoming challenges with the ambassadors.

External guests enriched the discussion by presenting models of sustainable development within the value chain and globally within the industry.

The presence of the CSN Inova Ventures team was also highlighted, driving innovation projects related to the eight thematic groups through the application of a specific open innovation methodology.



Environmental Performance

Air Quality	Unit	1Q23	1Q24	IQA ²
CSN Mineração - Novo Plataforma	µg/m ³	32.7	30.3	Good
CSN Mineração - Basílica	µg/m ³	20.7	22.0	Good
CSN Mineração - Bairro Plataforma	µg/m ³	21.7	20.3	Good
CSN Mineração - Bairro Casa de Pedra	µg/m ³	20.0	17.7	Good
CSN Mineração - Bairro Cristo Rei	µg/m ³	17.0	19.3	Good
CSN Mineração - Bairro Esmeril	µg/m ³	16.7	15.3	Good
TECAR - Vila Califórnia	µg/m ³	25.1	17.0	Good
TECAR - Vila Aparecida	µg/m ³	19.4	18.6	Good
TECAR - Brisamar	µg/m ³	23.1	19.2	Good
TECAR - Sítio Terezinha	µg/m ³	25.8	28.9	Good

Water Management	Unit	1Q23	1Q24	Δ%
Water withdrawal	Megaliter	4,997.7	5,632.3	13%
Water disposal	Megaliter	4,077.8	2,513.3	-38%
Water consumption	Megaliter	909.9	3,119.0	243%
Intensity by ore production ³	M ³ / t ore	0.28	0.32	14%

Waste Management	Unit	1Q23	1Q24	Δ%
Hazardous Waste Generated	T	485	625	29%
Non-Hazardous Waste Generated	T	3,000	2,626	-12%
Percentage sent for sustainable treatment	%	65	83	28%

Climate Management	Unit	1Q23	1Q24	Δ%
GHG emissions intensity per ton of iron ore ¹	kgCO ₂ /t	7.60	6.64	-13

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

2. Considers monitoring carried out at automatic stations and presents the quarterly average emissions. Air quality was classified as "good" in over 90% of measurements.

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



Environmental Dimension



Global Water Day

The month of March was marked by a series of events held in the company's operations to celebrate World Water Day, observed on March 22nd.

Organized in Congonhas by the Environmental Education Program, the importance of Water Management was presented through models, banners, and containers with oily fluids, along with a visit to the Effluent Treatment Plant and the Oil and Water Separator System.

Another highlight was the lecture on the theme "Water Unites Us, Climate Moves Us", delivered by Charles Ianne, a master in geography and environmental analysis, reinforcing the engagement of the theme with the local community and our employees.



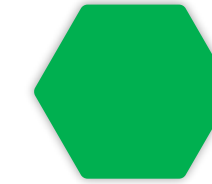
Biodiversity Engagement

CSN Mineração took part in the 1st Meeting on the Municipal Plan for the Atlantic Forest. This plan involves a diagnostic study and identification of priority areas for implementing conservation and recovery actions in the municipality of Congonhas. Additionally, the Company was invited to join the Working Group, which includes representatives from academia, local government, regional companies, and the local community.

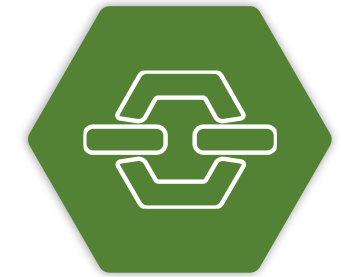


Grant to use water for CMIN expansion projects

In March, CMIN obtained an authorization of 1,998m³/h for water withdrawal from the Brumado River, granted by the Minas Gerais Water Management Institute. This authorization ensures the necessary water availability for the projects of phase 2 expansion of CSN Mineração.



Dams Management

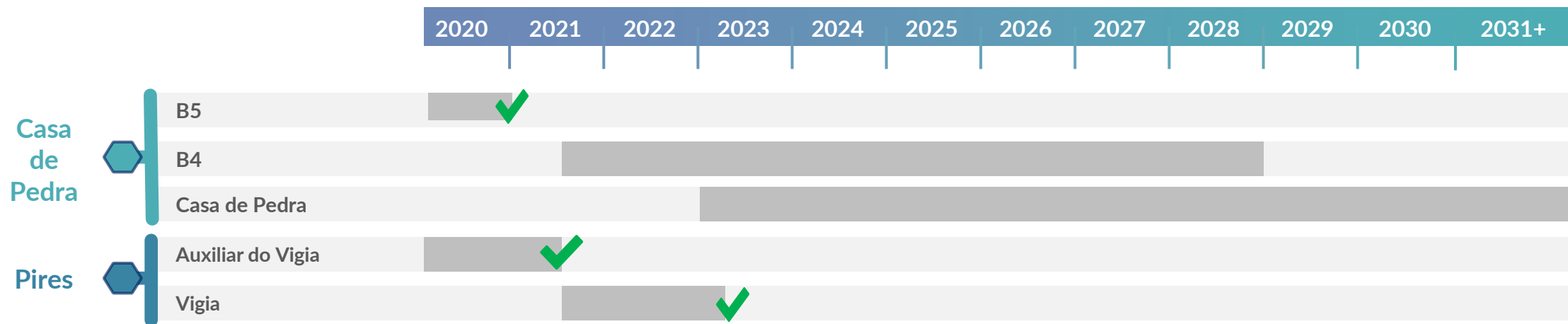


In March 2024, all dams of the CSN Mineração – a company controlled by CSN – had their stability ensured by an independent external auditor, as required by current national legislation.

Continuing with the Company's schedule, the de-characterization of the Auxiliar do Vigia 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 works on the B4 dam are ongoing, with completion scheduled for 2028, as per the below schedule.

RENEWED STABILITY DECLARATIONS

All the Company's dams were deemed stable in March 2024, meaning they are without any emergency level.



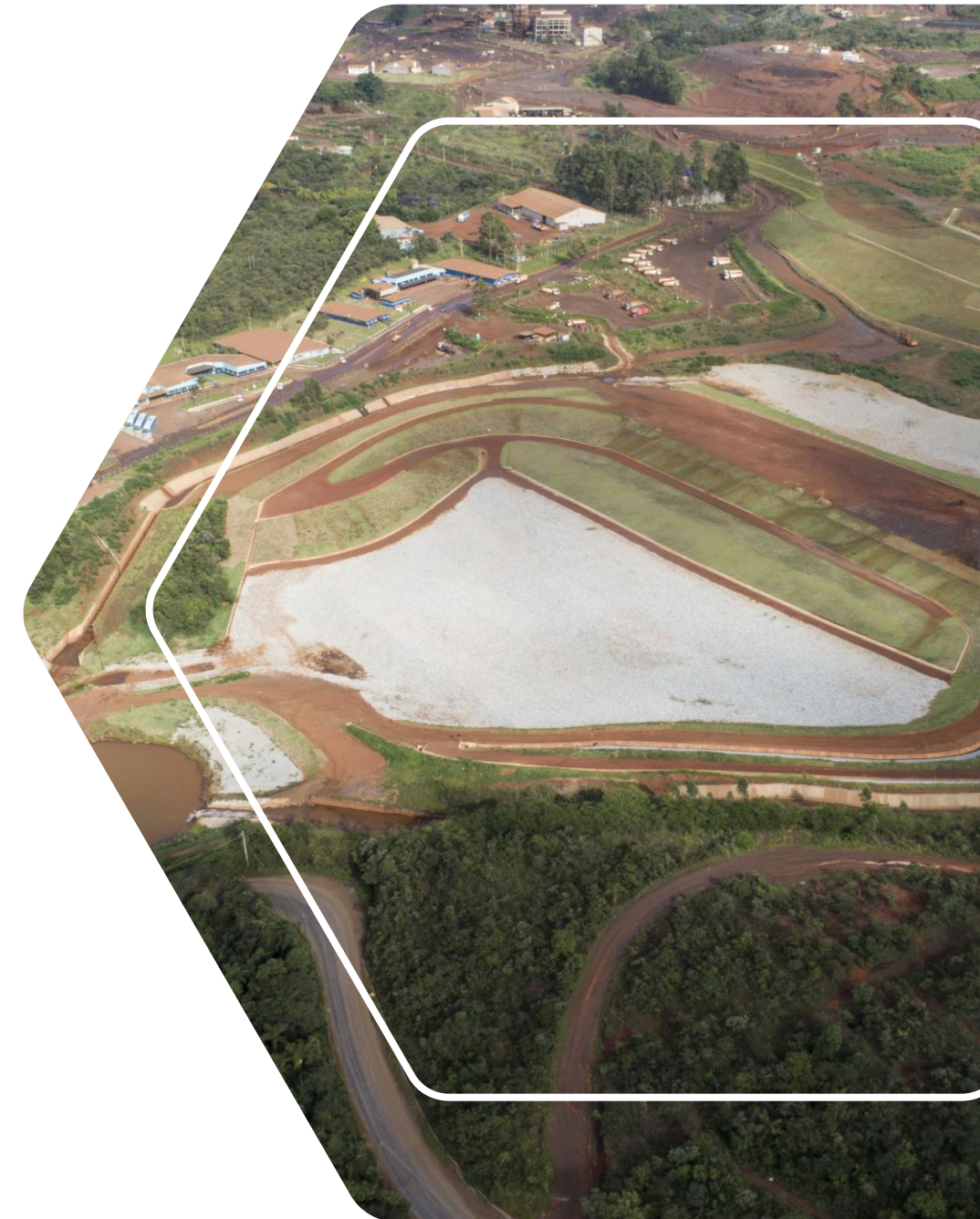
External audits carried out twice a year



Cross-checking (peer review) of audits and projects



New projects in progress for the reuse of mining tailing



Social Performance

Health and Workplace Safety					
	Unit	1Q23	1Q24	Δ%	
Number of injuries with and without lost time (own employees)	-	2	1	-50%	
Number of injuries with and without lost time (third parties)	-	2	2	-	
Fatality (Own employees)	-	0	0	-	
Fatality (Third Parties)	-	0	0	-	
Frequency rate of reportable work accidents (factor of 200k worked hours)	Rate	0.15	0.10	-33%	
Frequency rate of reportable work accidents (factor of 1MM worked hours)	Rate	0.74	0.51	-33%	
Accident severity rate (factor of 200k worked hours)	Rate	2	9	309%	
Accident severity rate (factor of 1MM worked hours)	Rate	11	45	309%	
Sustainable Value Chain					
	Unit	1Q23	1Q24	Δ%	
Purchases from local suppliers	%	42.0	37.6	-10%	
Purchases from local suppliers (Services)	%	37.6	30.3	-19%	
Purchases from local suppliers (Materials)	%	62.6	58.4	-7%	
Training					
	Unit	Unit	1Q23	1Q24	
Training hours	Hour		41,671	39,993	-4%
Trained employees	Number		4,314	5,625	30%
Investment in training	R\$		230,894	76,773	-67%
Employment ¹					
	Unit	Unit	1Q23	1Q24	
Women in the workforce	%		22.3	24.5	10%
Women in leadership positions	%		12.4	11.1	-10%
People with disabilities	%		1.0	1.1	10%
Racial Diversity					
• Yellow	%		2.3	2.3	-
• White	%		40.9	40.2	-2%
• Native	%		0.3	0.2	-3%
• Black	%		12.1	12.4	2%
• Brown	%		42.9	43.4	1%
• Not informed	%		1.5	1.6	6%
Turnover ²	%		5.2	2.6	-50%

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.



Social Dimension

OCCUPATIONAL HEALTH AND SAFETY

CSN launches the AGIR Program focusing on Safety at Work

CSN Group launched the AGIR Program, which aims to reduce the risk of high-potential accidents and prevent fatalities, in addition to reinforcing the commitment of all managers to safety as a non-negotiable value. Also implemented at CSN Mineração, the program is based on three pillars **"Work Health and Safety Culture," "Management of Critical Risks,"** and **"Process Safety,"** and consolidates existing practices and actions at the units with the aim of strengthening the culture of prevention and continually improving work safety performance.

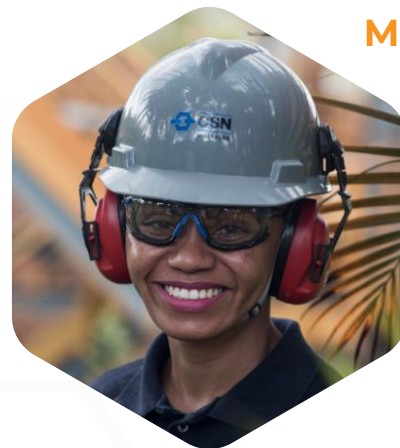


Health and Safety Culture



- **Unifying** the Health and Safety Consequence Management Procedure across the entire Group.
- Implementing the **Health and Safety Recognition Program**, aimed at highlighting the good practices carried out by employees, stimulating and spreading these initiatives.
- The **"Leadership in the Field"** initiative aims to increase the presence of managers in the field, prioritizing Operational Health and Safety.

Management of Critical Risks



- Implementing Occupational Health and Safety (OHS) **requirements for critical risks across all business areas**. A Critical Activity is one considered to have a high potential for fatalities. For more information, refer to the OHS Manual [clicking here](#).
- **Awareness-raising actions and training** for critical activities in CSN's businesses.

Processes Safety



- Strengthening the **process safety culture within the group** by focusing efforts on sizing and implementing barriers in critical scenarios. A dedicated team of professionals will be responsible for evaluating and suggesting actions to reduce or eliminate operational risks, resulting in reduced industrial costs. Additionally, these specialists will review **critical points** in the management of safety in production processes.

Occupational Health Actions



Influenza H1N1 vaccination campaign across all units.



January White: Awareness actions on mental health.



March Purple: Actions for cervical cancer prevention.

Social Dimension

Human development



Diversity, Equity and Inclusion

CSN awards:

On February 8th, 31 employees, being 6 from CMIN, including company leaders, were honored for their commitment to promoting equity and inclusion in the workplace. The award, aligned with ESG criteria, recognized the positive impact of each initiative in the following categories: outstanding growth in women, outstanding growth in representation of people with disabilities, innovative initiative, MOVER challenge engagement (racial literacy initiative), engaged leaders, and diversity, equity, and inclusion agent.

Development Scholarship Program:

In partnership with MOVER and the Descomplica company, CSN made available 244 online development scholarships in strategic areas such as project management, people management, communication, and emotional intelligence for its self-declared black employees. This initiative, aligned with the social pillar of ESG criteria, aims to promote the professional and personal development of these employees, contributing to equity of opportunities and the building of a more diverse workforce.

International Women's Day:

On International Women's Day (08/03), CSN hosted a live session for the entire group on female empowerment. The live stream reached over a thousand simultaneous viewers and featured the participation of two company leaders who shared their journeys and professional experiences, inspiring other women to pursue their goals and reach their full potential. To extend the reach and impact of this initiative, the recording is available on the Corporate University's development platform.

These initiatives demonstrate CSN's commitment to promoting diversity, equity, and inclusion, reaffirming the company's role as an agent of social transformation and promoter of a more equitable and inclusive corporate culture.

Corporate University

The Corporate University has become the foundation of CSN Group's people development initiatives. The platform offers over **80 virtual on-demand** content pieces, allowing employees to build their own learning journeys, in addition to providing in-person training sessions.

The first quarter of the year was marked by the launch of the ESG Fundamentals training, aimed at all CSN Group employees as mandatory content, deeply aligned with the company's strategic priorities. With this content, employees gain basic knowledge about the subject and understand how CSN operates in each of the ESG fronts (environmental, social, and governance).



UNIVERSIDADE
CORPORATIVA CSN

Social Dimension

Social Responsibility

The CSN Foundation, in its ongoing pursuit of sustainable and socially responsible practices, has established a partnership with the Barra Mansa University Center (UBM), offering full scholarships to seven young participants of the *Tambores de Aço* project. This initiative reinforces its commitment to equal access to quality higher education SDG 4, while contributing to the socioeconomic development of communities.

To ensure the dissemination of Brazilian popular culture and promote collaboration between institutions, the **Tambores de Aço** project started its 2024 tour. Its performances in Curitiba, held at the Museum of Image and Sound and the Oscar Niemeyer Museum, stood out as part of the opening of the itinerancy of the 35th São Paulo Biennial. This initiative strengthens synergy with SDG 17, expanding the reach and cultural impact of the project, promoting diversity and cultural exchange nationally.

Em celebration of World Water Day, various actions were carried out by the Environmental Education Programs to raise awareness about the importance of conserving water resources. In Congonhas, the **"Water Week - From Source to Mouth"** took place, which included exhibitions, lectures, and activities involving CSN Mineração employees. A total of 2,162 people participated in the event.

With the purpose of creating an environment conducive to addressing issues that require support and empathy for all women, the **"Women's Talk" event** was held during this period at the Support House, consisting of a meeting directed to women from the Residencial neighborhood. This initiative aligns with SDG 5 by promoting inclusion and giving voice to women, providing a safe space for them to express their concerns and needs.



	1T24
Young people benefited ¹	4.643
Audience for cultural initiatives ²	246.916
Public served ³	20.754

¹ Young people benefited by the projects *Garoto Cidadão*, *Capacitar*, *Jovem Aprendiz*, *Estágio*, *Tambores de Aço*, and *Futebol*

² Audience present at public presentations held by the projects: *Garoto Cidadão*, *Caminhão*, *Tambores de Aço*, *Centro Cultural*, and *Histórias que Ficam*

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Access the 1st
Foundation Impact
Report



Relatório de Impacto
Fundação CSN