



1Q23 ESG Performance



Leadership in ESG themes

With joy, we present the first ESG (Environmental, Social, and Governance) Quarterly Report of CSN Mineração (CMIN), in an independent format from financial reports, entirely dedicated to monitoring relevant indicators for our investors and other stakeholders

At CSN Mineração, ESG commitments have been present in the Company's essence for several years. With the commitment of "Do well, Do more, Do forever," we pledge to act responsibly and efficiently, taking care of our people and developing our country in a sustainable way.

The year 2022 was historic for CSN Mineração, with significant advances in the ESG agenda, detailed in our 2022 Integrated Report, and published in April this year. These advances are the basis for many of the results presented in this and other public materials of the Company.

Some of the results to be celebrated include achieving 22% female representation in our employee base - a growth of 71% compared to 2019, reducing our accident frequency rate by 42% compared to 2022, and, for the tenth consecutive year, no fatal accidents among our own or third-party employees.

In the last quarter, for the first time, CSN Mineração was evaluated as an independent company by the ESG Rating Risk of ESG Sustainalytics - one of the most renowned agencies in the world. A total of 156 companies were evaluated globally in the Steel and Iron Ore segments, and CSN Mineração ranked 4th with a score of 23.1, just ahead of CSN, its parent company, which ranks 5th in the same ranking. This milestone was only possible thanks to the engagement and commitment of the entire CMIN team to the ESG agenda, as well as the awareness that we still have much to build.







These and other highlights, as well as our performance on ESG indicators in the last quarter, can be found on the following pages of our 1Q23 ESG Report






We wish you a great reading,



Helena Brennand Guerra
Member of CSN Mineração's Board of Directors of

ESG Commitments

AXIS	ESG Goals
Natural Capital      	Climate Change Reduce 30% of CO2e emissions per ton of produced ore by 2035 (scopes 1 and 2), in relation to 2019 ✓ Carbon neutral by 2044 in scope 1 and 2 emissions ✓ Continuously maintain the consumption of 100% renewable energy sources.
	Efficient Water Use and Effluent Management ✓ Reduce the consumption of fresh water for iron ore production by at least 10% per ton of produced ore, by 2030 in relation to 2018.
	Management and Decharacterization of Dams ✓ Fully decommission all upstream-constructed dams by 2030

AXIS	ESG Goals
Human and Social Capital     	Occupational Health and Safety ✓ Reduce the accident frequency rate (CAF+SAF - own and third parties) by 30% until 2030 in the CSN Group, compared to 2020. (1 million HHT factor) ✓ Reduce by 30% the number of days of absence due to accidents involving own employees in relation to 2021.
	Diversity and Inclusion ✓ Double the percentage of women in CSN Mineração by 2025, using 2019 as the base year.



ESG Report 1Q23

Starting in the first quarter of 2023, CSN Mineração is initiating a new format for disclosing its ESG actions and performance, providing individualized and independent access to its ESG indicators. The new model allows stakeholders to access key results and indicators on a quarterly basis, enabling them to monitor performance effectively and even more quickly.

The information included in this release was selected based on relevance and materiality to the company. Quantitative indicators are presented in comparison to the period that best represents the metric for tracking them. As such, some are compared to the same quarter of the previous year, and others will be compared to the average of the previous year, ensuring a comparison based on seasonality and periodicity.


More detailed historical data on CSN Mineração's performance and initiatives can be found in the Integrated Report 2022, released in April 2023 (esg.csn.com.br/nossa-empresa/relatorio-integrado-gri). ESG indicator assurance occurs annually for the Integrated Report closing, thus the information contained in quarterly releases is subject to adjustments resulting from this process.

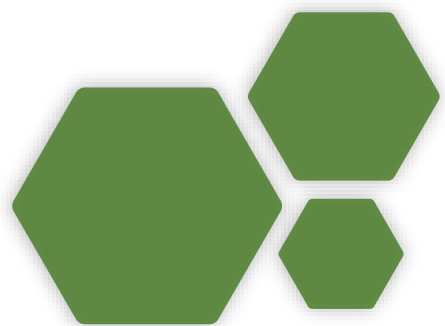
It is also possible to follow CSN Mineração's ESG performance in an agile and transparent way on our website, through the following web address: esg.csn.com.br.

ESG Ratings








External recognitions in indexes and ratings demonstrate that the Company is constantly evolving and committed to transparency and reporting of key ESG actions and indicators, in line with sustainable development.

A partir de 2023 a CMIN passou a ser avaliada por algumas agencias de rating. Starting in 2023, CMIN began to be independently evaluated by some ESG rating agencies, separate from the controlling company CSN. In the first quarter, CMIN received a score of 23.1 from the agency Sustainalytics, related to ESG risks. Out of 156 steel and iron ore companies evaluated globally, CSN Mineração achieved the 4th highest score in the sector, ahead of its parent company CSN, which currently ranks 5th with a score of 25.9.

	2021	2022	2023
 CDP Water	C	B	-
 CDP Climate	B-	B	-
 Programa Brasileiro GHG Protocol	✓	✓	-
 SUSTAINALYTICS	-	-	23.1
 Índice Carbono Eficiente	-	✓	✓



Performance on Key ESG Goals

	Indicator	Unit	Base Year Indicator	1Q23	Δ%	Status	Goal	Target Year
Environmental 	Greenhouse gas (GHG) emissions intensity 1 and 2 for mining operations	kgCO ₂ e / ton ore ⁴	5.7 (base year 2019)	7.61	33		4.04	2035
	Water intensity	m ³ / ton ore	0.23 (base year 2018)	0.28	26		0.20	2030
Social 	Accident Frequency Rate ³	CAF+SAF	1.96 (base year 2021)	0.74	-62		1.37	2030
Governance 	Diversity (women in the workforce)	%	13% (base year 2019)	22.3	71.5		26%	2025

1 Consider the emissions from scopes 1 and 2 divided by ton of iron ore produced by CSN Mineração, according to the methodology of the Brazilian GHG Protocol Program.

2 Considers emissions only from the mobile combustion category of Scope 1 of CSN Mineração, which represent 95% of Scope 1 emissions of CSN Mineração, noting that Scope 2 emissions are zero because the electricity consumption is 100% from renewable sources. The data reported in the company's 2021 Integrated Report considers the total emissions from CSN Mineração, scopes 1 and 2

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



Initiatives and ESG awards 1Q23

Environmental

- Conclusion of the **Greenhouse Gas Inventory**, subject to external certification audit.
- Two projects approved in the **"Jovens Inovadores em ODS"** program, from the Brazilian network of the UN Global Compact, related to life cycle analysis and territorial development.
- CSN Mineração's dams classified by the National Mining Agency (ANM) in emergency level 0 and **stability declaration renewed in March/2023**.
- **Two scientific articles** published in the renowned journal Systematics and Biodiversity.



Social

- Launch and Publication of the **Theory of Change**, a strategy for the Company's territorial development.
- Corporate campaign to celebrate International **Women's Day** in favor of gender equality.
- Corporate campaign for **mental health** - White January.



Governance

- CSN Mineração won the **Transparency Trophy** from ANEFAC (National Association of Executives).
- Implementation of the **"Projeto Oliva"**, which assesses the ESG engagement of the supply chain.
- CMIN received its first rating from the **Sustainalytics agency of 23.1**, a score related to ESG risks, the **4th best score in the sector**.
- CMIN eligible to be part of **B3's ICO²** portfolio.



ESG Performance

GOVERNANCE

- ✓ **Integrated Report 2022**, released in April 2023.
- ✓ CMIN joins the **ICO2 portfolio of B3**
- ✓ CMIN ranked 4th in the ESG rating - Sustainalytics for Steel and Iron Ore
- ✓ CSN Mineração won the **Transparency Trophy** from ANEFAC (National Association of Executives).

SOCIAL AND DIVERSITY

- ✓ The Company has achieved a **+71%** increase in the representation of women in its workforce compared to 2019 (target base year)
- ✓ **Environmental Education Program to celebrate World Water Day** at the main units of the Company, serving **980 people**.

DAMS

- ✓ **Renewal of stability declarations** for all CSN Mineração dams in **March 2023**.

OCCUPATIONAL HEALTH AND SAFETY

- ✓ **10 Years with no fatalities**
- ✓ **-84%** in severity rate of accidents compared to the year 2022.
- ✓ **-62%** in the frequency rate (CAF+SAF - own and third parties) compared to 2020 (target base year)

ENVIRONMENTAL MANAGEMENT

- ✓ **100%** of atmospheric monitoring in compliance with **legal parameters**.
- ✓ **+3%** of waste destined for sustainable treatment compared to 1Q22.
- ✓ **Completion of the 2022 Greenhouse Gas Inventory**, subject to external audit.
- ✓ Environmental installation license for the **expansion of the TECAR Port** from the current 45Mtpa to 70Mtpa.

ESG

Environmental Performance

Ar Quality	Unit	1Q22	1Q23	Índice de Qualidade do Ar
CSN Mineração – Nem Platform	µg/m³	22	33	GOOD
CSN Mineração - Basílica	µg/m³	18	20	GOOD
CSN Mineração - Casa de Pedra neighborhood	µg/m³	17	20	GOOD
CSN Mineração - Cristo Rei neighborhood	µg/m³	19	17	GOOD
CSN Mineração – Esmeril neighborhood	µg/m³	16	17	GOOD
TECAR - Vila Califórnia	µg/m³	19	25	GOOD
TECAR - Vila Aparecida	µg/m³	21	19	GOOD
TECAR – Brisamar	µg/m³	20	23	GOOD
TECAR - Sítio Terezinha	µg/m³	21	26	GOOD

Water Management¹	Unit	2022	1Q23	Δ%
Water Intake	M³	6,272,200	1,524,960	-
Intensity per mineral production	M³/ ton ore	0.26	0.28	7.7

Residues Management CSN	Unit	1Q22	1Q23	Δ%
Resíduos destined to Classe 1	Ton	891.7	530.2	-40.5
Resíduos destined to Classe 2	Ton	4854.8	4030.0	-17
Percentage sent for sustainable treatment²	%	69	71	+3

¹ It considers the water used solely for the production process of the ore at CSN Mineração, including the water used in the central plant, Pires process, and potable water.
² This considers waste destined for coprocessing, recycling, re-refining, and land restoration.

IQA in the GOOD category throughout the year.



DAMS Management

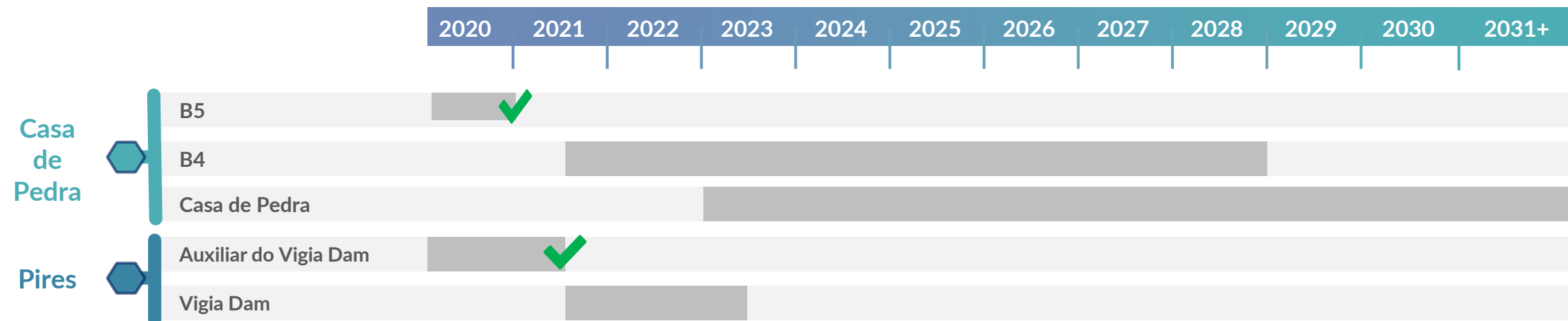
In March 2023, all CSN Mineração's dams - a company controlled by CSN - had their stability guaranteed by an independent external auditor, as prescribed by current national legislation.

As part of the Company's dam decharacterization schedule, the decharacterization of the Auxiliar do Vigia and B5 dams has been completed, and the decharacterization process of the Vigia dam is underway, with civil works completed and final decharacterization scheduled for the second quarter of 2023. The construction of the B4 dam continue in progress with completion scheduled for 2028, according to the schedule below.

RENEWED STABILITY DECLARATIONS.

All dams of CSN Mineração classified by ANM with emergency level 0 and stability declaration renewed in March/2023.

100% of tailings disposal made by dry stacking method.



External audits are conducted twice a year



Cross-verification (peer review) of audits and projects.



Ongoing new projects for reuse of mining tailings.



Environmental Dimension

Program for Monitoring Wildlife at CMIN

Wildlife monitoring at CSN Mineração, a company controlled by the CSN Group, has been carried out since 2003 and consists of a succession of data collection efforts to understand the local fauna. In 2019, a work plan developed by a multidisciplinary team of experts in faunal groups restructured the program into two lines: a Monitoring Program and a Conservation Program for threatened fauna, which were divided into specific subprograms for target species of conservation interest.

Between 2019 and 2022, CSN Mineração directed efforts towards the subprogram of **Taxonomy and Conservation of amphibian species of the Bokermannohyla genus**, with a focus on the species Bokermannohyla gr. Circumdata and Bokermannohyla aff. feioi, and consequently their threatened status. A research project was carried out in partnership with the Federal University of Viçosa and with visits to some of the main Brazilian collections.

As a result, two scientific papers were developed with unpublished data on the occurrence of Bokermannohyla feioi species, and during the 1Q23 were published in the renowned international journal Systematics and Biodiversity.

The full article can be found on the following link: [Traditional taxonomy underestimates the number of species of Bokermannohyla](#)

Water Day celebration.

Through the Environmental Education Program - PEA, CSN held the "Water Week - Fluid of Life" in partnership with the CSN Foundation. During the event, the GPLA - Environmental Projects and Licensing Management presented practical topics and themes of high relevance related to World Water Day, including Water Reuse, the Relationship between Water and the Human Body, exhibition of types of Potable Water Filters and a presentation of the Water Treatment Plant (WTP) operation.



Social Performance

Occupational Health and Safety	Unit	1Q22	1Q23	Δ%
Number of accidents with and without leave of absence (own employees)	-	4	2	-50
Number of accidents with and without absence (third-party)	-	4	2	-50
Fatality (own employees)	-	0	0	-
Fatality (third-party)	-	0	0	-
The frequency rate of reportable work accidents (based on a factor of 200k HHT)	Rate	0.33	0.15	-55
Rate of mandatory reportable occupational accidents frequency (factor of 1 HHT)	Rate	1.67	0.74	-55
Rate of accident severity (factor of 200k HHT)	Rate	17	2	-88
Rate of severity of accidents (IMM HHT factor)	Rate	83	11	-87

Sustainable Value Chain	Unit	1Q22	1Q23	Δ%
Local supplier purchasing	%	41.7	39.4	-6
Local supplier purchases (Services)	%	43.3	25.0	-42
Local suppliers purchases (Materials)	%	41.1	46.3	13

Training	Unit	1Q22	1Q23	Δ%
Training hours	Hours	55,290	41,671.3	-25
Trained employees	Number	5,458	4,581	-16
Investment in training	BRL	5,320	230,893	-

Employment ¹	Unit	1Q22	1Q23	Δ%
Women in the workforce	%	20.0	22.3	11
Women in leadership positions	%	10.5	12.4	18
People with disabilities	%	0.9	1.0	11
Racial Diversity				
• Yellow	%	2.5	2.3	-8
• White	%	41.6	40.9	-1.7
• Native	%	0.3	0.3	-
• Black	%	11.8	12.1	2,5
• Mixed-race	%	42.2	42.9	1.6
• Not specified	%	1.7	1.5	-11
Turnover	%	3.9	5.2	33



Social Dimension

Social Responsibility

In the first quarter of 2023, continuing its goal of transforming lives and communities, the CSN Foundation benefited 4,111 people through its projects.

To promote social inclusion, guaranteeing quality and equitable inclusive education, the 29% increase in the capacity to serve children and adolescents of the socio-cultural project, "**Garoto Cidadão**," is highlighted. This was achieved through the inauguration of two new units in the cities of Coxim (MS) and Heliópolis (SP). The project aims to offer educational and cultural initiatives in various languages during school off-hours and begins its activities in March with the attendance of 2,720 students, representing 84% of the current capacity.

In accordance with SDG 14, raising awareness about the conservation and sustainable use of water resources, in March, the **Environmental Education Programs (PEAs)** of Arcos, Congonhas, and Volta Redonda enjoyed a special program in honor of **World Water Day**. Debating with the internal and external public of the respective CSN Group's assets, about the importance of water, its conscious consumption, and potability. Their programming included exhibitions, board games, interventions by assets, stream cleaning, CinePEA, online lectures, and fingerlings release. In total, the interventions reached an audience of 2,080 people. One highlight was the exhibition, held in Casa de Pedra, Congonhas, on "Water Reuse," whose goal was to present the relationship between water and the human body. The action reached 980 people.

	1Q22	1Q23
Impacted youth¹	3,483	4,111
Cultural initiatives public²	3,387	10,878

¹ Impacted youth by the projects Garoto Cidadão, Capacitar, Jovem Aprendiz, Estágio, Tambores de Aço and Futebol.

² Public attending public performances held by the projects Garoto Cidadão, Caminhão, Tambores de Aço, Centro Cultural and Histórias que Ficam.

In January, the new space for **Casa de Apoio CSN** Comunidade was inaugurated, a channel for developing the relationship between CSN Mineração and the community of Congonhas (MG). With a new, larger, and more comfortable space, the environment hosts the Center for Support of Minors of Congonhas (CEAMEC) for the realization of the "Maria Barroca" project. The project is aimed at women over 16 years old who are in vulnerable situations and offers professional development through vocational courses in the beauty industry. So far, the course has already served 34 women.

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



PEA
Programa de Educação
Ambiental


fundação
csn cultura

**Garoto
Cidadão**

SOCIAL DIMENSION

People Development

Corporate University



In the first quarter of 2023, the Corporate University consolidated itself as the foundation of CSN Mineração's people development initiatives. In this sense, the strategic planning work carried out during the year 2022 for future actions is consolidated through initiatives capable of transforming people through education.

The first project was the training implementation for the evaluations of the People Cycle. This work gave rise to 7 contents, which together offer a better understanding of the competencies evaluated at each functional level, with tutorials for accessing the evaluation platform. The nature of this action is based on the principle that, by appropriating the "why" and "how" of a process, we become capable of promoting purpose, enabling greater adherence not only to the qualities evaluated in the case of the People Cycle, but also to the organizational competencies as the result of this precept.

Mentoria Cidadã Program

Closing of the 2nd cycle of the Mentoria Cidadã program, a voluntary project in which leaders of the company guide and develop competencies in young people from the Garoto Cidadão Program.

Trainee Program

The Trainee Program 2022 ended the year with trainees performing On The Job activities, where they start executing their development plans within the core areas. The integration into the CSN Group began in February 2023 and so far, 25% of the group have been hired for permanent positions, such as engineers and specialists in all CSN businesses.

In January 2023, the recruitment process for a new cycle of the Trainee Program began, with almost 16,000 applications. Currently, the selection process is underway, with a start date scheduled for July 2023.

