



ESG 3Q23 Performance



CSN
MINERAÇÃO

Leadership in ESG issues

In CSN Mineração, ESG commitments have been ingrained in the company's essence for many years through our commitment to **doing well**, **doing more**, **doing forever**. We pledge to act responsibly and efficiently, taking care of our people, and always aiming towards building a sustainable future.

To consolidate governance and transparency regarding our ESG journey, we present the ESG Release 3Q23 from CSN Mineração in a format independent of financial reports, entirely dedicated to monitoring relevant indicators for our investors and other stakeholders.

One of the highlights of this quarter was the publication of the Climate Action Report by the CSN Group in August of this year. The document provides detailed insights into CSN Mineração's Decarbonization Journey, guided by the principles of the Task Force on Climate-related Financial Disclosures (TCFD) and the indicators of the Global Reporting Initiative (GRI).

However, the most significant message of this quarter is our performance in Health and Safety. With a remarkable track record, we have reached the milestone of 3,600 days without fatalities at CSN Mineração; nearly 10 years without fatal incidents involving our own employees or third parties, an achievement to be celebrated and that challenges us each day.

Contributing to this result is a 16% reduction in the accident frequency rate and a 13% decrease in the total number of reportable accidents compared to the same period in 2023. These outcomes demonstrate that our efforts in prevention, training, awareness, and instilling a safety mindset in our workforce have been successful.

Finally, we continue to emphasize our commitment to the decharacterization of dams. In this quarter, we completed the decharacterization works for the Vigia Dam, which will be passively monitored by the National Mining Agency (ANM) for a period of 2 years before being removed from the national dam registry.

We hope you enjoy reading!



Helena Brennand Guerra

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

ESG 3Q23 Release

Since the beginning of 2023, CSN Mineração has started to disclose its actions and performance, providing individualized insight into its ESG performance and indicators. The new model allows stakeholders to access key results and indicators quarterly, enabling them to track progress more effectively and swiftly.

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

More detailed historical data regarding the performance and initiatives of CSN Mineração 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 closure; thus, information in quarterly releases is subject to adjustments resulting from this process.

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



ESG Ratings

External recognitions in indices and ratings demonstrate that the company is constantly evolving, committed to transparency, and reporting key ESG actions and indicators, aligning with sustainable development.

Starting in 2023, CMIN began to be independently evaluated by some ESG rating agencies separate from CSN, the controlling company. In the third quarter, CMIN maintained the score of 23.1 achieved at the beginning of the year in the ESG rating agency Sustainalytics. This result currently positions CMIN at 6th place out of 156 globally evaluated companies in the mining and metals sector.

In the second quarter, CMIN was independently asked to report to S&P. In the third quarter, we submitted our responses to CDP in the Climate and Water questionnaires. For these two agencies, CMIN awaits evaluation and updating of its scores.


In 3Q23, CMIN achieved the GHG Protocol Gold Seal for the third consecutive year, attesting to the quality, transparency, and assurance of its greenhouse gas inventory.


	2021	2022	2023
SUSTAINALYTICS	-	-	23.1
S&P Global Ratings	-	-	TBD
CDP Water <small>DISCLOSURE INSIGHT ACTION</small>	C	B	TBD
CDP Climate <small>DISCLOSURE INSIGHT ACTION</small>	B-	B	TBD
Programa Brasileiro GHG Protocol	✓	✓	✓
Índice Carbono Eficiente ICO2	-	✓	✓

Still awaiting evaluation from ESG agencies



Main ESG Goals ¹

Goal	
Natural Capital 	Climate Change <ul style="list-style-type: none"> ✓ To reduce CO2e emissions per ton of ore produced by 30% by 2035 (scopes 1 and 2), compared to the baseline year 2019. ✓ Achieving carbon neutrality by 2044 for scopes 1 and 2 emissions. ✓ Continued maintenance of the use of 100% renewable energy sources
	Water efficiency <ul style="list-style-type: none"> ✓ To reduce the intake of new water for iron ore production by at least 10% by 2030, compared to the baseline year 2018
	Dam Management <ul style="list-style-type: none"> ✓ To fully decharacterize the upstream constructed dams by 2030

Goal	
Human and Social Capital 	Health and Safety <ul style="list-style-type: none"> ✓ Reduce the accident frequency rate (LIT + Non-LIT-own and third parties) by 30% by 2030 compared to the base year 2020 (per 1 million HHT factor). ✓ Reduce the number of days of lost due to accidents with own employees by 30% compared to the base year 2021.
	Diversity and Inclusion <ul style="list-style-type: none"> ✓ Double the percentage of women in CSN Mineração by 2025 compared to the base year 2019.

1.The Company holds other ESG goals published in its Integrated Report. The performance tracking of all Company goals can be done annually through this document.
 2.Considers the water intake from the production process of the Casa de Pedra central plant, the production process of Pires, and drinking water.



Performance on the main ESG Goals

	Indicators	Unit	Baseline	9M23	Δ%	Status	Goal	Year-Goal
Environmental 	Emission Intensity Mining (GHG ^{1e2})	kgCO ₂ e / t ore ⁴	5,7 (baseline 2019)	7,06	24		4,04	2035
	Water intensity	m ³ / t ore	0,23 (baseline 2018)	0,26	13		0,20	2030
Social 	Accident Frequency Rate ⁵	LIT + NonLIT	1,96 (baseline 2021)	1,22	-38		1,37	2030
Governance 	Diversity (women on staff)	%	13% (baseline 2019)	23	77		26%	2025

1.Considers emissions from scopes 1 and 2 divided by the ton of iron ore produced, 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, representing 95% of Scope 1 emissions. It is emphasized that Scope 2 emissions are zero due to 100% renewable energy consumption.

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



3Q23 HIGHLIGHTS

DAMS MANAGEMENT

- ✓ Completion of the decharacterization civil works for the Vigia Dam
- ✓ Stability declarations renewed in September 2023 for all dams owned by CMIN

GOVERNANCE

- ✓ Transaction of 250 million BRL in the first Sustainable-Linked Finance operation of the CSN Mineração with Banco do Brasil aimed at environmental performance
- ✓ Climate Action Report 2022, published in August/23
- ✓ Gold Seal in GHG Protocol for 4th year running

SOCIAL AND DIVERSITY

- ✓ +11% Women Representation in the CSN Mineração compared to 9M22
- ✓ Publication of the First Impact Report by the CSN Foundation
- ✓ Inauguration of three Garoto Cidadão units in Rio Acima (MG), Moeda (MG), and Belo Vale (MG)

HEALTH AND SAFETY

- ✓ 3.600 days running with zero fatalities
- ✓ -76% in the number of days lost due to accidents involving own employees.
- ✓ -67% in the Accident Severity Rate (own and third parties) compared to 9M22.
- ✓ -16% in the Accident Frequency Rate (LIT + Non-LIT- own and third parties) compared to 9M22.
- ✓ -13% in the number of accidents with and without leave (own and third parties).

ENVIRONMENTAL

- ✓ -7% in CO₂ emissions per ton of ore compared to 9M22.
- ✓ Completion of the critical habitat study aligned with the guidelines of the International Finance Corporation (IFC).
- ✓ Kickoff of the Climate Vulnerability Study for the assessment and detailed quantification of physical risks in different climatic scenarios for all units of CMIN.
- ✓ Air quality classified as 'good' in 97% of the monitoring conducted during the period.

ESG



ENVIRONMENTAL PERFORMANCE

Air Quality	Unit	9M22	9M23	IQA
CSN Mineração - Novo Plataforma	µg/m ³	33	44	<ul style="list-style-type: none"> 88,4% Good 11,6% Moderate
CSN Mineração - Basílica	µg/m ³	29	28	<ul style="list-style-type: none"> 93,1% Good 6,9% Moderate
CSN Mineração - Bairro Plataforma	µg/m ³	37	30	<ul style="list-style-type: none"> 92,5% Good 7,5% Moderate
CSN Mineração - Bairro Casa de Pedra	µg/m ³	29	23	<ul style="list-style-type: none"> 97,5% Good 2,5% Moderate
CSN Mineração - Bairro Cristo Rei	µg/m ³	30	23	<ul style="list-style-type: none"> 97,5% Good 2,5% Moderate
CSN Mineração - Bairro Esmeril	µg/m ³	27	21	<ul style="list-style-type: none"> 97,5% Good 2,5% Moderate
TECAR - Vila Califórnia	µg/m ³	27	25	100% Good
TECAR - Vila Aparecida	µg/m ³	27	22	100% Good
TECAR - Brisamar	µg/m ³	26	24	100% Good
TECAR - Sítio Terezinha	µg/m ³	29	25	100% Good

Water	Unit	2022	9M23	Δ%
Captação de água ¹	M ³	6.272.200	5.296.178	-
Intensidade por produção de minério	M ³ / t ironore	0,26	0,26	-

Waste	Unit	9M22	9M23	Δ%
Resíduos destinados Classe 1	t	2.161,9	1.647,13	-24
Resíduos destinados Classe 2	t	8.092,5	7.123,2	-12
Percentual enviado para tratamento sustentável	%	84,3	70,4	-14

Climate	Unit	9M22	9M23	Δ%
Intensidade de emissões GEE por Ton/minério de ferro ^{2 e 3}	kgCO ₂ /t	7,55	7,06	-7

¹ Considers water intake from the production process of the Casa de Pedra central plant, the production process of Pires, and potable water.

² Considers Scope 1 and Scope 2 emissions divided by the ton of iron ore produced at CSN Mineração, following the methodology of the Brazilian GHG Protocol P Program.

³ Considers only the emissions from the mobile combustion category of Scope 1 at CSN Mineração, representing 95% of the Scope 1 emissions at CSN Mineração. It is emphasized that Scope 2 emissions are zero due to 100% of the electricity consumption coming from renewable sources.



Dams Management

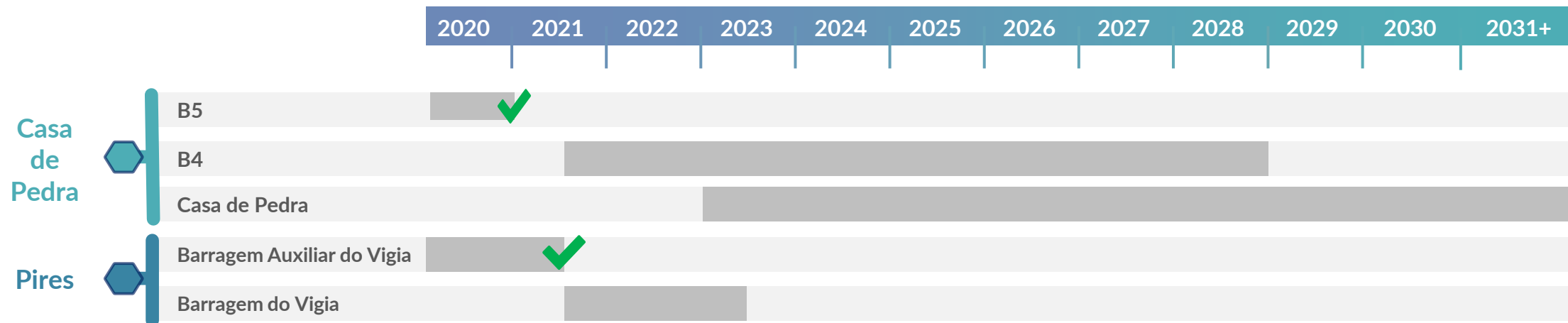
In September 2023, all CSN Mineração dams – a company controlled by CSN – had their stability guaranteed by an independent external auditor, as recommended by current national legislation.

Continuing with the Company's dam decharacterization schedule, to date the decharacterization of the Vigia and B5 Auxiliary Dams has been completed, and the process of decharacterization of the Vigia Dam is ongoing, with the civil works completed and the request for deregistration of the dam with supervisory bodies. Work on the B4 dam continues in progress with completion scheduled for 2028, according to the schedule below.

RENEWED STABILITY DECLARATIONS

All dams of CSN Mineração classified by ANM in ZERO emergency level and declaration of stability renewed in September/2023

100% of tailings are processed via dry route



External audits carried out twice a year

Cross-checking (peer review) of audits and projects

New projects in progress for the reuse of mining waste



Governance + Transparency Dimension

KEY ACHIEVEMENTS

CLIMATE ACTION 2022

In the third quarter of 2023, the CSN Group, the controlling company of CSN Mineração, released its first Climate Action Report. We are pioneers in this initiative, being one of the few companies in Brazil to prepare this type of report.

The document details the Decarbonization Journey of CSN Mineração, the actions taken and planned to combat climate change, and how we manage our main climate-related risks and opportunities. It was prepared following the recommendations of the Task Force on Climate-related Financial Disclosures (TCFD) and includes indicators from the Global Reporting Initiative (GRI) correlated with the theme.

Check out the report to delve deeper into our Decarbonization Journey



[Acesse aqui](#)



SUSTAINABLE-FINANCE

FIRST STEP FOR CMIN

In the semester, CSN Mineração secured its **first sustainability-linked financing**.

With the initiative to align its financial strategy with its sustainability performance, CMIN closed a financing deal with Banco do Brasil, structured as a Sustainability-Linked Loan **in the amount of R\$ 250 million**.

The decarbonization journey of CSN Mineração was the central theme of this initiative, where we committed to maintaining the full **use of renewable electrical energy in our operations**.

Environmental Dimension

Seedling Nursery



In partnership with the municipality of Belo Vale (MG), CSN Mineração is revitalizing the municipal seedling nursery, which has historically been responsible for cultivating more than 10 thousand seedlings.

The cooperation agreement has a duration of two more years and is expected to produce 120 thousand seedlings by 2025, with 20 thousand of them being donated to the municipality of Belo Vale.

The seedlings are primarily grown from seeds collected on CSN Mineração's properties, especially in the Legal Reserve area.

This initiative expands our commitment to local biodiversity and ensures the preservation of the region's genetic material.

Critical Habitats Study



In September, the critical habitat study for the Casa de Pedra Complex (Congonhas - MG) was completed. This study is a crucial component for the expansion of operations, ensuring that the process is based on internationally adopted best practices for minimizing, mitigating, and compensating for biodiversity impacts.

Following the Performance Standard 6 of the International Financial Corporation (IFC), activities are preceded by a careful analysis that maps critical habitats for biodiversity. This study guides the recovery and compensation efforts to ensure that potential critical habitats are identified and managed differently, aiming for a net gain in biodiversity.

This biodiversity management approach is fundamental for the conservation of nature.

Climate Vulnerability Study



In August, we initiated the Climate Vulnerability Study at CSN Mineração, which will integrate physical climate risks into the Company's risk management across different climate scenarios. The study will support decision-making for the company's climate transition, and the results will align with the recommendations of the Task Force on Climate-related Financial Disclosures (TCFD) and the Task Force on Nature-related Financial Disclosures (TNFD).

The study is structured in the following stages:

- I - Information Collection and Sectoral Benchmarking – Current Stage
- II - Development of the Risk Matrix and Impact Assessment
- III - Financial Valuation of Risks
- IV - Mapping and Proposal of Adaptation Measures

The complete study is expected to be concluded by March 2024.

Social Performance

Health and Workplace Safety		Unit	9M22	9M23	Δ%
Number of injuries with and without lost time (own employees)		-	15	10	-33
Number of injuries with and without lost time (third parties)		-	8	10	25
Fatality (Own employees)		-	23	20	-13%
Fatality (Third Parties)		-	745	177	-76%
Mandatory reportable work injury frequency rate (factor of 200k HHT)		-	0	0	-
Frequency rate of mandatory reporting accidents at work (factor 1 MM HHT)		-	0	0	-
Accident severity rate (factor of 200k HHT)		Rate	0,29	0,24	-16
Accident severity rate (1MM HHT factor)		Rate	1,45	1,22	-16
Health and Workplace Safety		Rate	16	5	-67
Number of injuries with and without lost time (own employees)		Rate	81	27	-67
Sustainable Value Chain		Unit	9M22	9M23	Δ%
Purchases from local suppliers		%	37,2	36,7	-1%
Purchases from local suppliers (Services)		%	32,1	22,8	-29%
Purchases from local suppliers (Materials)		%	39,7	44,5	12%
Training		Unit	9M22	9M23	Δ%
Training hours		Hours	26.991	54.389	102
Trained employees		#	7.830	7.256	-11
Investment in training		R\$	665.368	1.246.378	87
Employment ¹		Unit	9M22	9M23	Δ%
Women on staff		%	20,7	23,0	11%
Women in leadership positions		%	11,0	10,9	-1%
People with disabilities		%	0,96	1,1	12%
Racial Diversity					
• Yellow		%	2,5	2,2	-11%
• White		%	41,0	40,5	-1%
• Native		%	0,3	0,3	-19%
• Black		%	12,1	12,0	0%
• Brown		%	42,6	43,5	2%
• Not informed		%	1,5	1,6	7%
Turnover ²		%	4,4	2,2	-51%

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

² Turnover data considers only CLT and NON-CLT programs and does not include Non-Effective public.



Social Dimension

Health and Safety

SIPATMA 2023

SIPATMA INTEGRADA 2023 - Internal Week for the Prevention of Accidents at Work and the Environment - took place between September 18 and 22 and allowed employees to take part in various events and become more aware of physical and mental health, the environment and safety. Throughout the week, there were online and face-to-face lectures, as well as other initiatives such as stands, cultural presentations, awards and games. The corporate program took place alongside the unique programs of each unit, which included lectures and stands specific to each business.

The event was held for the fourth year running and was well attended by employees and service providers. The organization was able to broaden its interaction and reach a more diverse audience, including those who work different shifts. This intensified the sharing of information and educational materials, making them accessible to everyone.

The improvement in safety practices adopted by employees and the change in their mindset towards safety are essential elements of the progress we hope to see reflected in the environment promoted by the CSN Group.

SIPATMA emphasized the importance of adopting safe behavior on a daily basis and reinforced the 'always doing the right thing' moto.

SIPATMA @ Porto Tecar - Itaguaí - RJ



Lecture at the SIPATMA Week @ Congonhas/MG

Actions carried out during SIPATMA at the units



Lecture on Valuing Life (SESI), in the Pires complex - MG



Social Dimension

Developing Our People

Corporate University



At the beginning of 2023, the Corporate University consolidated itself as the main strategy of the CSN Group for its people development initiatives. In this quarter, the university reached **70 available contents**, boosted by the launching of a new School within the platform, focused on technical development.

In addition, we began cycles of mandatory contents that will develop our talents across multiple hierarchal positions.

Intern Program

Completion of the **"Super Interns"** training-plan, with the **"Breakfast with the leadership"**, in which the interns had the opportunity to share experiences, listen to inspiring stories and receive valuable advice for their career development. The program consisted of content based on the new professional's career stage, with topics such as diversity and inclusion, sustainability, teamwork, communication and networking.

Internationalization Journey

As part of the CSN Group's expansion strategy, we have launched the Internationalization Journey. In this initiative, the company's employees have the opportunity to spend an exchange period abroad, aiming to explore new markets, to strengthen ties with local business partners and to implement new practices and processes in line with CSN's culture. The third quarter was highlighted by the departure of the third group to New York and the first departure to Germany and Portugal. A total of **18 employees took part in the journey this quarter.**

"Mentoria Cidadã" Program

The Citizen Mentoring Program has reached the final stage of training, focusing on the topic of Recruitment and Selection. Throughout the program, we covered crucial topics such as Self-Awareness, Skills and Competencies, and the Job Market. These trainings play a key role in empowering the youth and preparing them for a successful transition into the job market.

To date, we have held more than **200 meetings between the young people and the participating mentors.** Working with mentors enables young people to enter the job market with a broader repertoire and solid preparation for their professional careers.



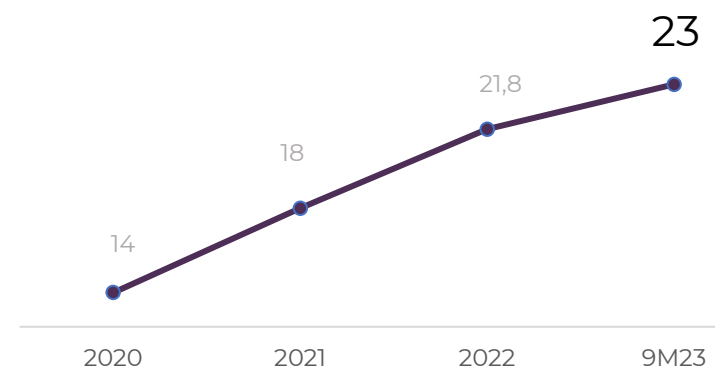
Dimensão Social

Diversidade de gênero

We have reached a representation milestone of 23% for women in CSN Mineração

getting ever closer to the goal of having 26% women in the workforce by 2025

Female Representation @ CSN Group



Capacitar Program

The Women Empowerment Program plays a vital role in this advancement. It serves as an essential foundation for the development of female talents, providing specialized training and education to boost professional growth.

Since July, we have expanded our efforts, offering over 100 slots for new classes of talented women. This includes comprehensive courses such as mining machinery operation, electromechanics, rail, mechanical maintenance, electrical maintenance, welding, production, cutting and bending equipment operation, and port equipment maintenance. The success of the Women Empowerment Program reflects the commitment and dedication of everyone involved. Beyond the numbers, we value stories of resilience, achieved goals, and the positive impact each woman brings to our company.

Together, we are building a future where equality is a reality.

We have reached

23%

of female representation



Dimensão Social

Responsabilidade Social



In the third quarter of 2023, recognizing the fundamental role of culture in empowering and expressing young people, creating a continuous flow of transformation in which everyone collaborates to build a new future, in line with SDG 4 - Quality Education, the theater group of Garoto Cidadão from Congonhas participated in the **Arts Festival of Conselheiro Lafaiete (FACE)**, in Minas Gerais, with the play "The Little Prince." With the performance, Garoto Cidadão won several awards, including Best Show, Best Characterization, Special Jury Prize, and Best Supporting Actress. The show had an audience of 293 people.

From July 24 to 28, 244 children aged 5 to 12 from the municipalities of Conselheiro Lafaiete, Congonhas, and Ouro Branco (MG) participated in the **Ecological Vacation** event that addressed Regional Biomes. The action is an initiative of the Congonhas Environmental Education Program with the aim of promoting and engaging children and adolescents in the importance of sustainable development through play. Encouraging more conscious practices, the activities were in line with **SDG 12 - Responsible Consumption and Production**. In total, the action reached 244 children and adolescents.

	1T23	2T23	3T23
Young people benefitted¹	4.111	4.609	5.547
Audience in cultural activities²	10.878	43.674	39.228

¹ Young individuals benefiting from the Garoto Cidadão, Capacitar, Jovem Aprendiz, Estágio (Internship), Tambores de Aço, and Futebol (Soccer) projects.

² Audience attending public presentations by the projects: Garoto Cidadão, Caminhão, Tambores de Aço, Centro Cultural, and Histórias que Ficam.

During the month of September, the **Environmental Education Program (PEA)** of Congonhas/MG carried out a series of special activities in celebration of Tree Day. These initiatives included awareness campaigns as established by SDG 15, which aims to promote awareness and preservation of terrestrial ecosystems, forests, and biodiversity. In addition, there was an informative exhibition on the restoration of degraded areas and the protection of preservation areas.

Also in September, we inaugurated Garoto Cidadão Units in Rio Acima, Moeda, and Belo Vale (MG), benefiting approximately 600 young people.

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

Access the 1st Impact Report by the CSN Foundation.



Relatório de Impacto
Fundação CSN