

Integrated Report 2022 Summary version



Message from Management

A year of achievements and growth

Parnaíba Thermoelectric Complex –
Santo Antônio dos Lopes – MA



For our Integrated Report and ESG Disclosures Supplement 2022 with a more comprehensive version of our ESG commitments, management and results, please access the QR code.



The year 2022 brought progress in consolidating Eneva as an integrated energy company that creates value. We evolved consistently through our strategic plan and accelerated our growth trajectory, achieving challenging milestones ahead of projected completion in 2025. We grew our natural gas reserves, acquired high-quality assets to complement our portfolio, ventured into renewable energy with a large-scale project, signed our first gas and energy supply contracts in the free market, successfully bid at energy auctions for the regulated market and raised funds. These achievements were made possible by the competence of the individuals in Eneva's team.

The advancements in our ESG (environmental, social, and governance) agenda and our commitment to transparency led to Eneva's inclusion in B3 ISE for the first time, the Brazilian Stock Exchange's Sustainability Index. We have also been recognized for our long-term sustainability management practices, rising two positions in the CDP Climate Change ranking. The CDP is one of the world's leading indicators of transparency, accounting and sustainability. We also climbed three positions in the Refinitiv evaluation and achieved the Gold Seal in the Brazilian GHG Protocol Program for the second time.

We announced our ESG commitments in 2022, focusing on reducing emissions intensity in energy generation, contributing to the Social Progress Index of the municipalities where we operate, and conserving the Amazon rainforest. We will accordingly invest R\$ 500 million in decarbonization technologies by 2030 and took the first steps in forest conservation, quadrupling our legal reserves, forming partnerships with Funbio and BNDES for the Floresta Viva project, expanding the Reflorestar Program and strengthening agroforestry projects in Amazonas and Maranhão.

We have also made progress in our social commitment, as investments with local suppliers that tripled compared to 2021. Our social responsibility projects have yielded meaningful results, lifting people out of poverty and helping eradicate illiteracy.

With confidence in the strength of our team and culture, we laid the foundations for a second growth cycle in 2022. Although we anticipate greater challenges we are confident in our ability to fulfill our mission of delivering returns, energy security, innovation and sustainability.

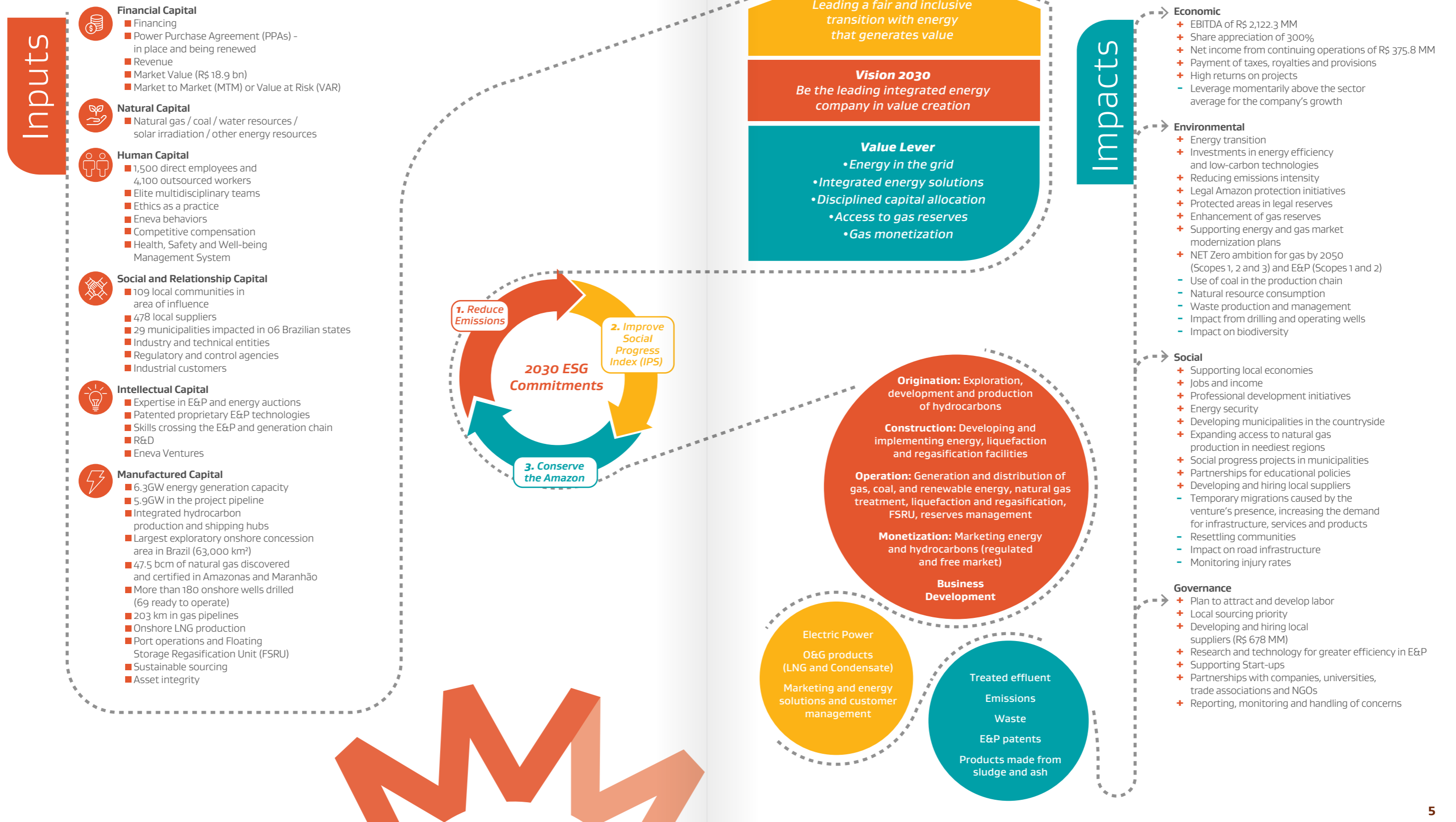
This report provides a summary of our progress. Thank you and enjoy the report.

Lino Cançado,
CEO of Eneva S.A.

Philippe Reichstul,
Chairman of the
Board of Directors

Business model

For power generation to occur, different types of capital are required. On this page, Eneva presents its main inputs, its *modus operandi* and an assessment of its impacts in Brazil.



About Eneva

As one of the largest energy operators in Brazil, Eneva was the first private company to operate seamlessly in the exploration and production of natural gas. With operations in five states located in the North and Northeast of Brazil, it is a publicly traded company registered under the code ENEV3.

The exploration concession area covers more than 63,000 km² (see asset portfolio adjacent), with total certified reserves (2P) of 47.53 billion

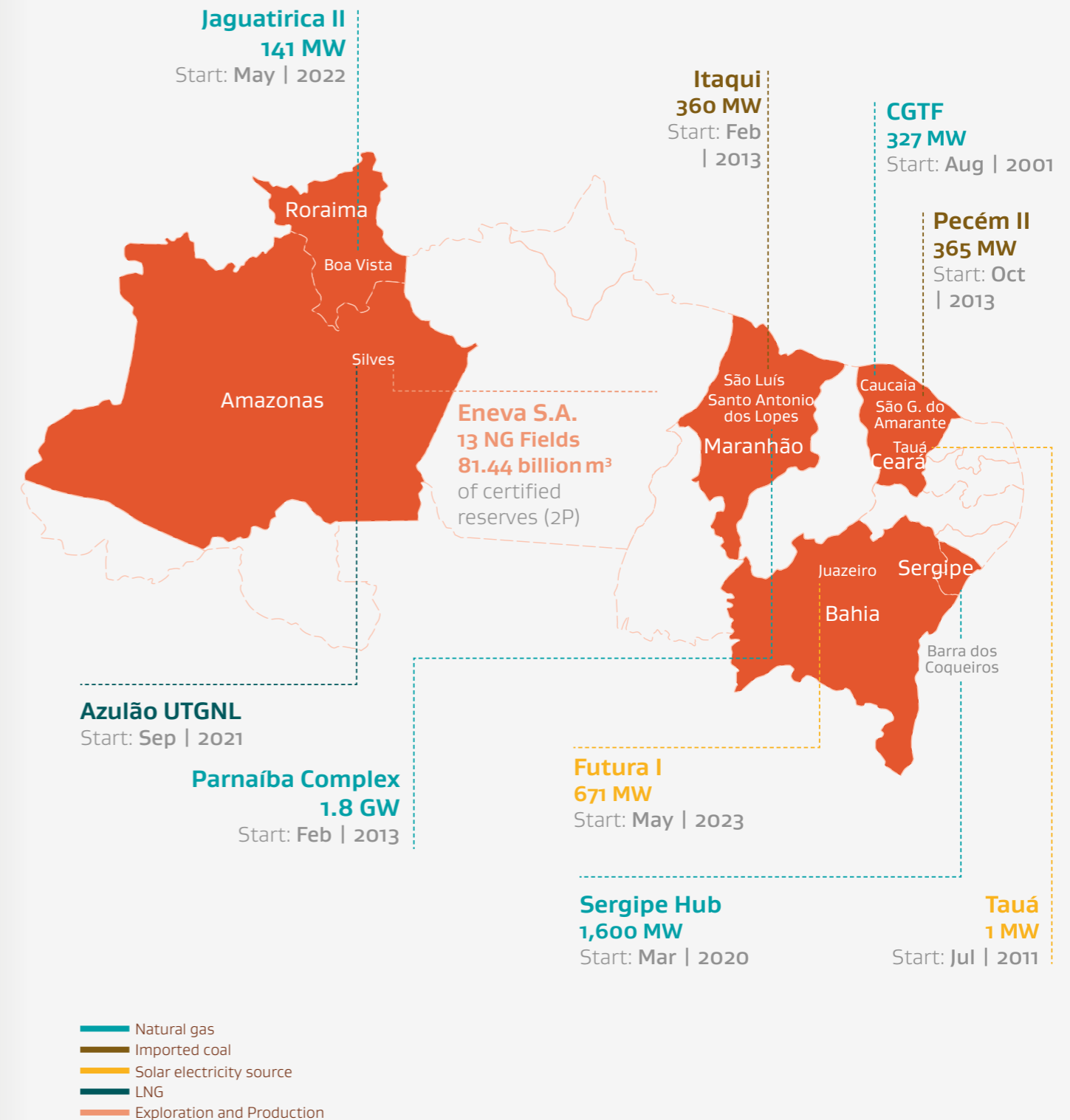
m³. Eneva also has a thermal power generation facility with 6.3 GW of contracted capacity. In the 2022 cycle, Eneva diversified its portfolio with the acquisition and integration of three assets: CGTF, Sergipe Hub and Futura I. The latter allowed Eneva to cement its position in the renewable energy market and strengthen the marketing segment. It can develop a wide variety of products and services for various types of customers and will deliver its first Solar Power Generation Complex, Futura I.

 Our exploration concession area covers more than **63,000 km**



Azulão LNG Treatment Plant - Silves - AM

Assets portfolio



KEY PERFORMANCE INDICATORS

INDICATORS	2020	2021	2022
Number of employees (direct and contractors)	7,047	5,826	5,684
Concession area for hydrocarbon exploration and production (km²)	47,832	63,400*	63,400
Number of generation plants in operation	6	6	13
Total installed capacity (MW)	2,773	3,068	5,300
Net Operating Revenue in R\$ million	3,243	5,124	6,128
Net Income, in R\$ million	1,008	1,173.3	375.8
Ebitda, in R\$ million	1,617	2,256	2,150
Direct emissions - energy generation (tCO ₂ e)	4,604,036	7,564,409	2,681,397
Injury Frequency Rate (Number of injuries x 1,000,000)/man-hour exposed to the risk)	2.62	2.55	2.15
Total investment in Innovation, Research and Development (R\$ million)	16.7	11.8	7.4
Total gross energy generated (GWh)	7,981	17,326**	5,373

*2021 amount adjusted

**2021 amount adjusted to include electricity generated by the Sergipe Hub and CGTF.

Strategic management

The Company's strategic plan is supported by five value levers, which are translated into six core challenges to ensure Eneva's growth in the coming years. It is revisited annually by the Executive Board and Board of Directors and includes ESG.



ESG Strategy



ESG Management System

Implementing a tool for collecting, analyzing and consolidating 205 indicators



ESG Commitments Roadmap

Developing a strategic plan to achieve commitments, with approval from ESG Ambassadors, Executive Board and Board of Directors



Sustainability Policy

Publication of principles and guidelines approved by the Board of Directors applicable to employees, society, shareholders and other stakeholders

ESG Commitments

1. Reduce emissions

- > **Natural Gas** – Reduce emission intensity to 0.39 tCO₂e/MWh
- > **Coal** – *phase-out* coal-fired power plants by 2040 in line with the commitment of the Powering Past Coal Alliance (PPCA)
- > **R\$ 500 Million** – Investment in low-carbon technologies
- > **E&P** - Offset scope 1 and 2 emissions in E&P
- > **Ambition to achieve Net Zero** - Natural Gas (scopes 1, 2 and 3) and E&P (scopes 1 and 2)



2. Improving municipal IPS

- > **2030** Benefit 50,000 people directly and 100,000 indirectly through social projects focused on income generation and education by 2030.
- > **Three guiding pillars:**
 1. Corporate Social Responsibility
 2. Locally sourced labor
 3. Local suppliers

3. Protect the Amazon

- > **2030** – Contribute to consolidating 500,000 hectares of protected areas in the Legal Amazon
- > **Five fronts of action:**
 1. Stimulate the bioeconomy and agroforestry
 2. Support protected areas
 3. Restore degraded areas
 4. Territorial monitoring
 5. Carbon market support.

Parnaíba Natural Gas Treatment System (STGP) - Santo Antônio dos Lopes - MA



Innovation

By unveiling and then implementing its R\$ 500 million investment plan in low-carbon technologies by 2030, Eneva aims to increase its leadership in emission intensity reducing business models and be prepared for the energy transition. These projects aim to develop new solutions that contribute to a fair and inclusive transition, providing Brazilians with energy security.

Eneva's progress in the leading sustainability indexes

AGENCY	MEASUREMENT	DEC 2021	DEC 2022	INDUSTRY AVERAGE
ISEB3	0-100	NA	75.62	79.82
S&P Global	0-100	NA	52	50
REFINITIV	D-A	C	B	81/283*
CDP Climate Change	F-A	C	B	B
CDP Water Security	F-A	B	B	B
MSCI	CCC-AAA	BB	BB	A
Programa Brasileiro GHG Protocol	Bronze-Gold	Gold	Gold	Gold

*Position among Electric Utilities

Double materiality

In 2022, Eneva renewed its Materiality Matrix in light of new trends, considering the impacts in both financial and socio-environmental terms, known as double materiality, in line with the new Universal GRI Standard. 528 people participated in the study among the participating stakeholders, employees and senior leadership, clients, suppliers, specialists from civil society organizations, government officials, shareholders, investors and representatives from the financial market were consulted.

Three new material topics have been identified as a result of updating its business model. Eneva is thus enhancing its management of socio-environmental impact, always seeking risk mitigation and integrating actions to expand its positive influence in its geographies.

For each of our material topics, we have aligned with the Sustainable Development Goals (see table on the side), guided by the United Nations. Eneva is party to the Global Compact for Sustainable Development and annually participates in the Communication of Progress for each of these topics on the international platform.

MATERIAL TOPICS 2022

RELATED SDG

E	
Climate Strategy	
Responsible stewardship of natural resources	
Innovation and technology	
Biodiversity, ecosystems and water resources	
S	
Human Rights and community development	
Staff health, well-being and safety	
Attracting, developing and retaining employees	
Emergency preparedness	
G	
Supply chain management	
Ethics, integrity and compliance	
Domestic energy security	
Government relations & advocacy	

Financial capital



11%
of participation in
thermal capacity to
gas installed in Brazil



5th
largest trader in
the country



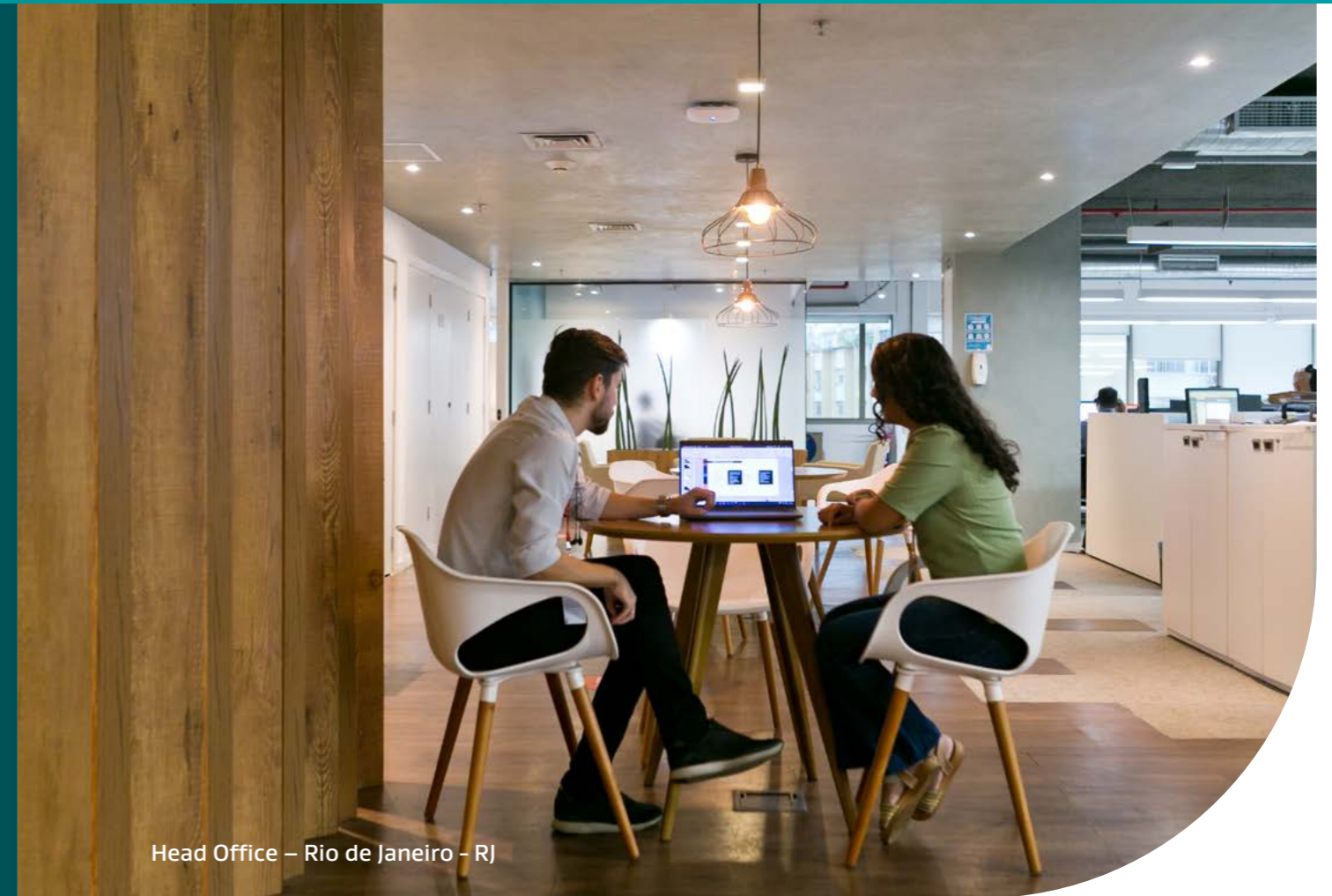
First onshore
liquefied natural gas
contracts in Brazil



R\$ 3,795.5 million
Invested in energy
and E&P projects



7,386 GWh
energy marketed



Head Office – Rio de Janeiro - RJ

Financial performance

Driven by a series of strategic acquisitions, Eneva achieved historic results, pushing us up a level in Brazil's energy sector. With this portfolio expansion, Eneva fast tracked its strategic plan by several years, becoming increasingly less dependent on regulatory energy dispatch cycles. The strategy of reinvesting in quality assets will generate more cash in the future, ushering in a virtuous circle for the Company.



R\$ 12 billion

investment in acquisitions and
investments (CGTF and Sergipe Hub)



R\$ 6.1 billion

(20% on 2021) - record Net
Operating Revenue



Learn more about the results in 2022 by
accessing the [Investor Relations website](#)

Natural capital



23%
reduction in CO₂
intensity in 2021, with
3.5% specifically in
natural gas generation



R\$ 11 million
investments in
conservation
(established in
Environmental Offsetting
Commitment)



R\$ 500 million
invested in low-carbon
technologies by 2030



R\$ 10 million by 2027
matchfunding Floresta
Viva with BNDES for
the conservation of the
Amazon biome



**Gold Reporting
Status in the
Brazilian GHG
Protocol Program
for the second time**

Eneva is committed to environmental conservation, conscientious use of natural resources, and minimizing negative impacts from its operations. These values are embedded in the company's culture and managed by standard rules across all assets.

Energy transition - risks and opportunities

In the business landscape, Eneva's strategic decisions are seen as opportunities for growth, based on investments in the portfolio of projects developed thus far.

Eneva recognizes the importance of a climate strategy aligned with the need to mitigate the power sector's impacts on climate and the environment. To achieve this goal of reaching Net Zero by 2050, covering scopes 1, 2 and 3 for gas-based power generation, and scopes 1 and 2 emissions for E&P, milestones have been established along the journey, including reducing greenhouse gas emissions in operations, investing in renewable energy sources and energy efficiency, and adopting climate risk management practices.

Carbon management

As an active participant in the Brazilian energy transition, Eneva seeks to ensure procurement security in onshore natural gas exploration and production activities and electricity generation from this fuel. With this goal in mind, the company strives to operate with maximum efficiency and adhere to the best practices to overcome emissions reduction challenges. To closely monitor its performance, Eneva conducts monthly environmental impact assessments by quantifying greenhouse gas emissions.

In 2022, Eneva was once again recognized with the gold certification status by the Brazilian GHG Protocol Program. Furthermore, the company incorporated the emissions from the new operations of the CGTF and Hub Sergipe power plants and the integrated Azulão-Jaguatirica project. This marked the first time that emissions from an onshore LNG production operation in Brazil were quantified and accounted for.

In 2022, we received the gold certification from the Brazilian GHG Protocol Program for the second time.



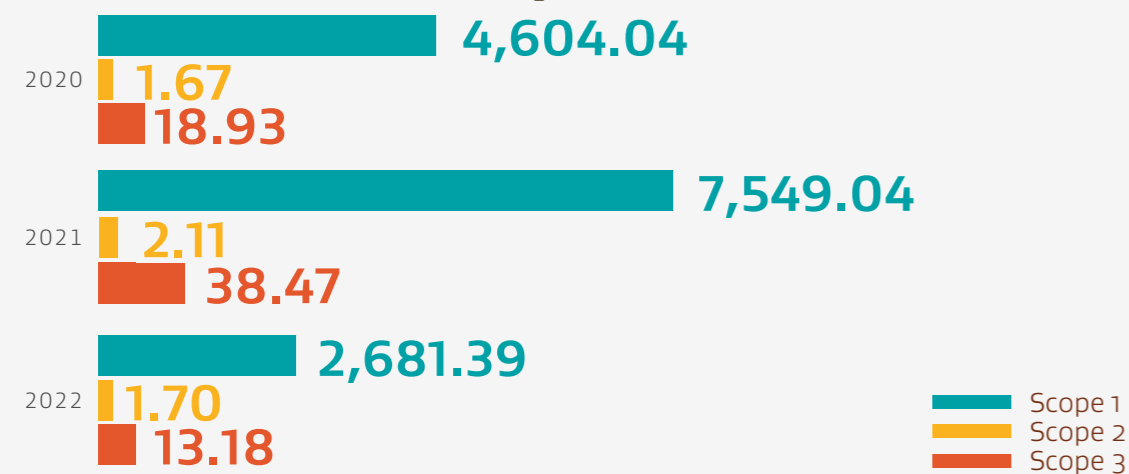
Parnaíba Natural Gas Treatment System (STGP) - Santo Antônio dos Lopes - MA

Energy Business

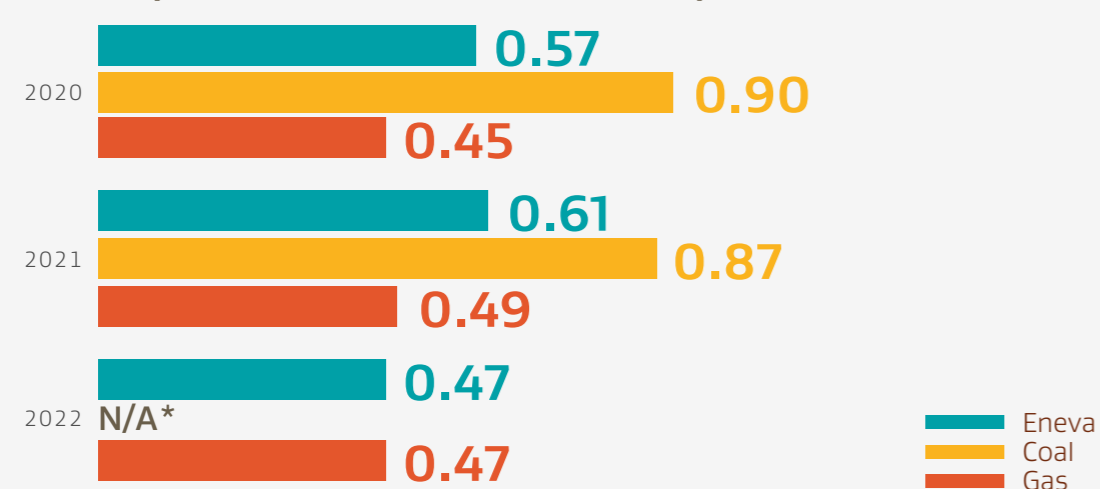
In 2022, Eneva's energy consumption decreased by 75% compared to 2021 due to the favorable hydropower scenario in the National Grid (SIN). The primary energy consumption in 2022 came from natural gas, which is used for electricity generation, mainly in the Parnaíba and Jaguatirica II Complex power plants. There was a nearly complete reduction in coal consumption, reaching 99.7%, as a result of the non-dispatch of the Pecém II and Itaquí power plants. The observed coal consumption in the year was only for load testing requested by the National Electricity System Operator (ONS).

For the first time, we calculated greenhouse gas emissions from an onshore LNG production operation in Brazil.

GHG Emissions (thousands tCO₂e)



Intensity of emissions (tCO₂e/MWh – Scope 1)



*As there was no dispatch of coal-fired power plants, it was not possible to calculate the emissions intensity in tCO₂e/MWh

Biodiversity

A series of ongoing actions are part of the drive to consolidate 500,000 hectares in the Legal Amazon. The company's leading biodiversity initiatives are:



Reflorestar Program

Delivery of the first agroforestry nursery in Maranhão, with an annual production capacity of 20,000 seedlings.



Biodiversity Action Plan

Hatching of 55,000 turtles under the partnership with Projeto Tamar.



Sustainable land management

Capacity building for local communities, sustainable education and agroforestry projects.



Sustainable education

133 organic allotments installed in schools located in Eneva's geographies, in the states of Amazonas, Ceará, Maranhão and Roraima, in order to promote sustainable cultivation practices and improve the nutrition of the communities involved.



Brazilian Business Commitment to Biodiversity

Joining CEBDS (Brazilian Business Council for Sustainable Development) with a commitment through three goals involving the company's strategy, community engagement and rational use of biodiversity resources.

Waste

Through more efficient processes, proper final disposal and prioritizing material recycling, reuse and recovery whenever possible, Eneva aims to reduce waste generation resulting from its operations.

Coal ash is used in cement manufacturing, and water treatment sludge is used in brick manufacturing and earthworks.

Waste directed to disposal (t)

TOTAL NON-HAZARDOUS WASTE ¹	15,278.25
TOTAL HAZARDOUS WASTE	761.63

Total amount allocated for recycling/reuse
11,798 t

¹ The total non-hazardous waste is referred to as the Sustainable Disposal Index, which is calculated as: $[(Total\ Waste\ Recycled + Waste\ Composted + Waste\ Co-processed) / (Total\ Waste\ Disposed)] * 100$



Sergipe Hub - Barra dos Coqueiros - SE

Eneva Employees at the Solar Futura I complex - Juazeiro - BA



Water and effluents

As a significant input in the turbine cooling process for thermal power plants, water consumption by the Company follows strict control processes. All power plants have a recycling system that allows the reuse of water. The monitoring results confirm that there is no significant water withdrawal and/or discharge that adversely affects water bodies, habitats or areas of high environmental sensitivity. Through the internationally recognized Carbon Disclosure Project (CDP), the company participates annually in the water security questionnaire response process. In 2022, Eneva maintained a B score, acknowledging the effectiveness of its management, monitoring and transparency in water usage.

Total water withdrawal (ML)

16,264.64 (2021)

8,250.09 (2022)

Total water discharge (ML)

7,448.91 (2021)

1,639.16 (2022)

Human Capital



Staff
1,500 direct employees and 4,100 outsourced workers



Well-being
Launch of a program providing psychological, legal, financial, and social assistance extendable to family members



Accidents
Reduction of the Total Recordable Case Frequency (TRCF) from 2.55 to 2.15 per thousand hours worked








Competitive benefits
97% of employees declare that the offered benefits meet their needs

The Company's greatest asset is its people.

Attracting, developing, and retaining individuals is a fundamental part of the strategy. Eneva believes that an inclusive and collaborative work environment creates a highly qualified team aligned with our values and goals, enabling the creation of value and the achievement of significant results in the long run.

The total number of employees reached 1,490 in 2022 and was further supplemented by 4,194 contractors spread across the North and Northeast regions of the country, plus offices in São Paulo and Rio de Janeiro.

THE ENEVA WAY OF DOING BUSINESS:

-  **We have the courage to take risks responsibly.**
-  **We trust each other.**
-  **We are open, constructive and resilient.**
-  **We strive for the highest standards.**
-  **We celebrate and reward success.**

92% of employees are covered by the Individual Development Plan and participate in career enhancement initiatives, which value current knowledge and provide upskilling through ongoing training approved for different employee levels.

Committed to the future and best practices, we have developed the Leadership Academy and Corporate MBA programs aimed at preparing our employees for future challenges.





Eneva Employees at UTE
Itaqui - São Luís - MA

Health and safety

The concern for the health and safety of workers and third parties is a constant priority at Eneva. This topic is managed based on best practices, meeting the most demanding global requirements, and aims to provide a safe and welcoming environment for all employees.

To achieve this, we continuously and proactively monitor occupational and operational hazards and risks, taking preventive action to mitigate or eliminate risks at their source.

All accidents or incidents are reported and investigated to determine corrective actions and ensure broader coverage to prevent recurrence.

THE FIVE GOLDEN RULES FOR SAFETY

The Golden Rules represent fundamental premises of Occupational Health and Safety and are inviolable and incorruptible, with their violation subject to consequence management.

Diversity & inclusion

Eneva is committed to creating a diverse and inclusive work environment by investing in hiring local workforce that encompasses different characteristics and socioeconomic aspects. Respect among people was celebrated as one of our strengths in the Climate Survey.

Similarly, Eneva has its Human Rights and Diversity Guideline, which guides its employees and contractors in promoting equal treatment and rejecting any form of discrimination.

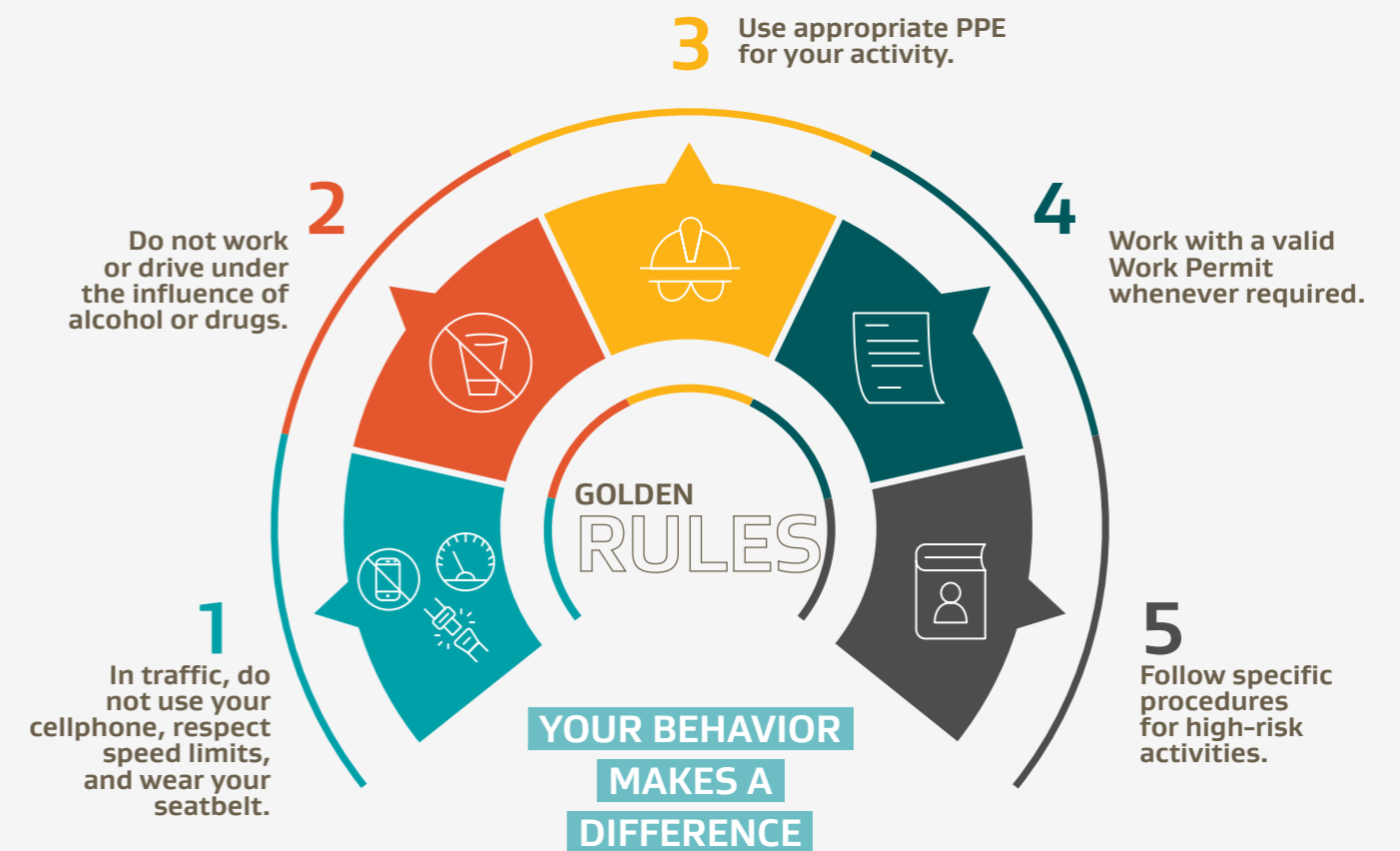
Eneva also invests in local potential by seeking to attract and develop talent in the territories where it operates.

DIVERSITY CENSUS - Hiring local labor

Originating from Northeastern region



Originating from North region



Social and relationship capital

COMMUNITIES



R\$ 134.2 million
Royalties distributed to Maranhão and Amazonas states

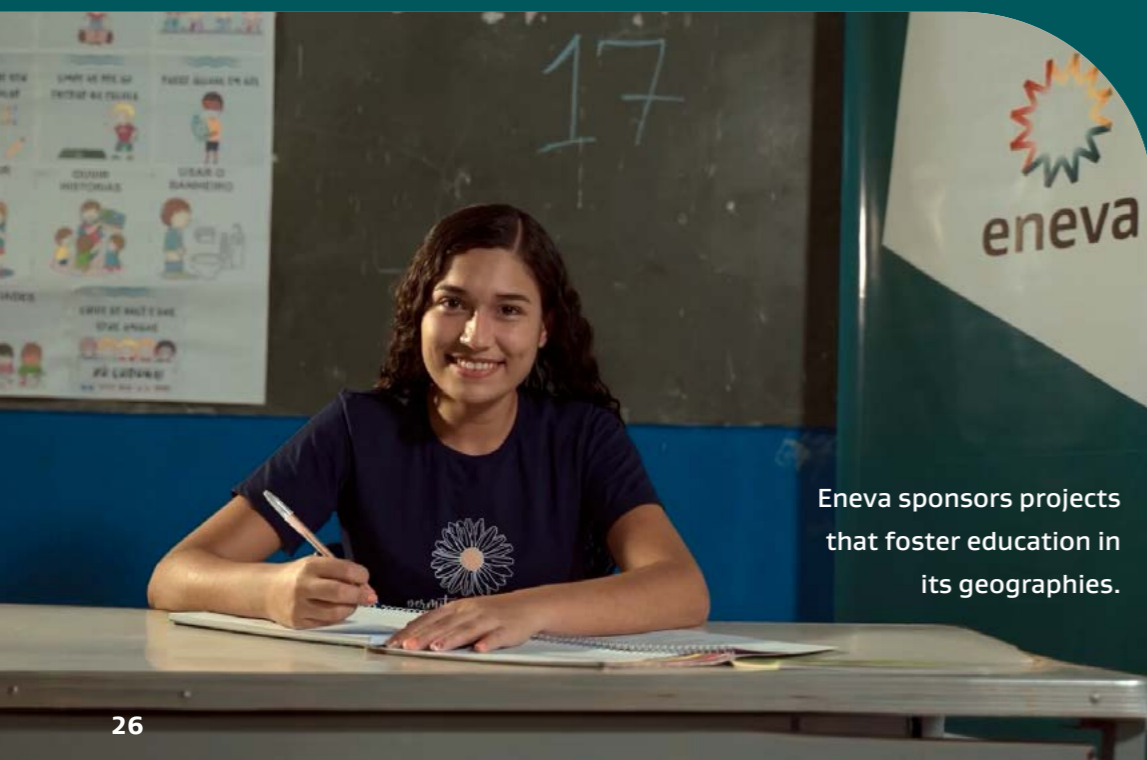


R\$ 15.9 million
Payment to landowners for acquisition or leasing in the territories

PURCHASE LOCALLY



R\$ 678 million
Amount allocated to purchases of products and services from local suppliers
(3x the amount spent in 2021)



Eneva sponsors projects that foster education in its geographies.

The initiatives with direct impact on our geographies are part of our commitment to benefit 50,000 people directly and 100,000 people indirectly by 2030 through social projects focusing on income generation and education. In 2022, more than 45,000 people were involved in our socio-environmental impact projects across different territories, representing an almost five-fold increase compared to 2021.

These actions are integrated with the United Nations' Sustainable Development Goals (SDGs) and are part of the routine social development in our geographies.

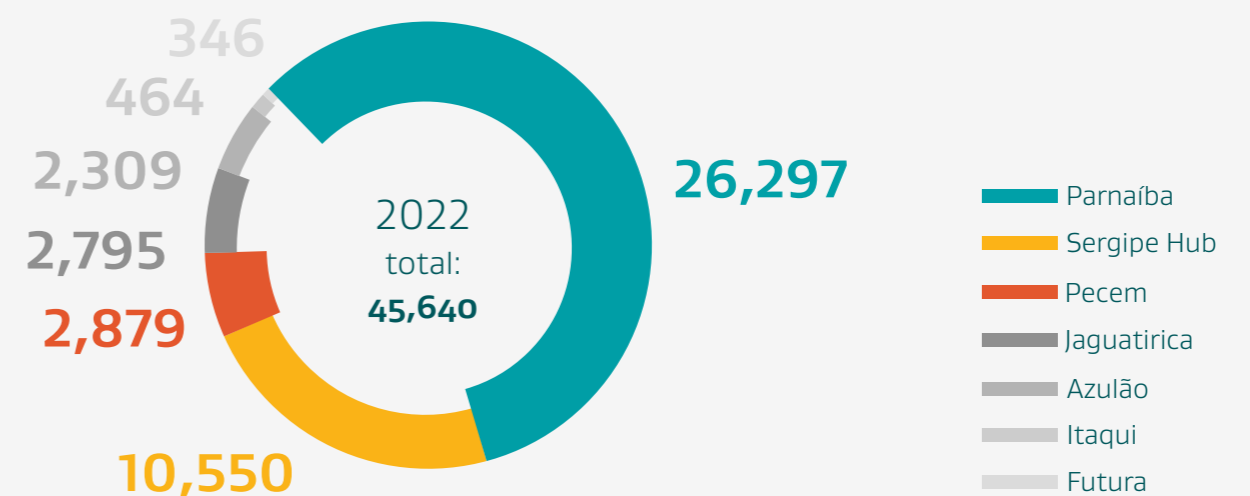
Below you can see the private social investment by Eneva and the distribution of people reached by the social projects across our operations.

R\$ 7.22 mn
allocated to projects approved under fiscal incentive laws





R\$ 2,4 mn
Volunteering initiatives

R\$ 3.5 mn
for socio-economic projects in compliance with licensing requirements

NUMBER OF PEOPLE BENEFITED



List of social projects developed in 2022 according to the priority areas of action defined by Eneva's Corporate Social Responsibility Methodology.

CSR ACTION AREAS	PROJECTS
 <p>SUPPORT</p>	Humanitarian Support
	Arte de Incluir
	Arte por Toda Parte
	Caminhão dos ODS
	Criança Energizada
	Traffic Education "Olha o Curumim"
	Se essa Tela Fosse Minha
 <p>DEVELOPMENT</p>	Corporate Volunteering
	Elas Empreendedoras
	Workshops for Social Project Development
	Developing local labor
	Developing local suppliers
 <p>SEED</p>	Revolução do Saber (Escola Debaixo das Árvores)
	Aprender - LabEdu
 <p>CONSERVE</p>	Semear - Combate ao analfabetismo
	Sustainable Education
	Quintal Produtivo
	Agroforestry
	Nova Demanda Agricultural Hub
	HortCanaã Agricultural Hub
Floresta Viva	



Semear / Eradicating illiteracy - In partnership with municipal education departments, Eneva fosters actions to support the Youth and Adult Education Program (EJA) in Maranhão and the municipalities where it operates. These actions include supporting the reduction of illiteracy by providing school materials, resource mobilization and meals. Currently, the project has 354 students, and the first graduating class is expected in 2023, contributing to increased education in these regions.



Elas Empreendedoras - This project aims to enhance female entrepreneurship in Maranhão, Ceará, Amazonas and Roraima states through entrepreneurship and financial education, to improve local capacities and generate employment, income and financial inclusion. The project has resulted in the formation of women's associations to act as local entrepreneurs, with a total of 210 women participating directly in the states where it operates.



Family farming - Supporting local potential for small-scale organic production in the communities directly impacted by Eneva's operations, the Company has projects involving 501 family farmers in Maranhão and Amazonas. These initiatives aim to improve production, diversity, agroecological management, and commercialization, with a focus on income generation and local development. The projects provide direct support through specialized technical assistance and include the inclusion of public policies such as the National School Meals Program.

Supplier development

The Company seeks long-term partnerships and prioritizes the hiring of local service providers and labor to drive the development of the regions where it operates. Supplier selection encompasses socio-environmental criteria, especially in activities involving risk exposure and requiring qualification. Investments in supply chain improvement include ongoing supplier performance evaluation processes.



Sustainable Sourcing

Application of ISO 20400 requirements in the project, integrating sustainability into procurement processes



Supplier Development Program (PDF)

Assumed the presidency of the Program in Maranhão for the second time



Intellectual and organizational capital



Risk Matrix
reviewed, expanding the perspective on suppliers and service providers



Anti-corruption Policy
reviewed and 100% of employees notified



Novo Mercado
listed in the segment since 2007



80% approval
in the Integrity Culture Insight Survey, placing us in the top 10 amongst our comparable peers



ESG Corporate Goals
Integrated into the Variable Compensation Program for the third consecutive year

Governance framework

This combines strong decision-making processes and mechanisms that ensure agility, efficiency and quality. This model represents the company's ongoing pursuit of improving its adopted practices and, as a result, treating its shareholders equally.

Additionally, in ESG practices the company also has ESG Ambassadors, consisting of a group

of 34 leaders, including directors and managers responsible, in a cross-cutting manner, for performance and management to mitigate value chain impacts related to ESG topics. They meet quarterly to discuss progress on the agenda.

Ethics, integrity and compliance

Eneva is committed to ethics and integrity in all its actions, and these core values are embedded in its programs and disseminated to all employees, both direct and contractor, who are also urged to follow the guidelines of the Code of Conduct.


The Integrity Program comprises a set of actions aimed at preventing, detecting and addressing any actions that violate our Code of Conduct, internal regulations and applicable legislation. The program prepares the organization to manage potential risks effectively. Eneva


believes that a sustainable society can only be built on trust, integrity, and compliance with laws. Ethics and good governance practices are present in all decisions, guiding the business and relationships with stakeholders.

All Eneva stakeholders can also contact the company to ask questions or anonymously report any identified misconduct. Our internal programs ensure proper handling of such cases, fostering an environment of trust and transparency in the established relationships.

WHISTLEBLOWING CHANNEL

Available 24/7 to receive reports. Reports can be made by phone or through the website:

 **Phone:** 0800 601 8679





 **Site:** www.contatoseguro.com.br

CONTACT ENEVA

Should you have any questions or require information, please call:

 **Phone:** 0800 730 1060

Manufactured capital

-  Expanding contracted energy capacity by **4.1 GW** over a five-year period
-  Increase in proven and probable gas reserves (2P) by **28.7 billion m³**
-  Issuance of **+ 100** new licenses and authorizations in seven different states, strengthening and expanding activities.
-  **6.3 GW** contracted capacity and power generation (vs. 3.1 GW in 2021)

START-UP OF THE FOLLOWING OPERATIONS:

Azulão-Jaguatirica Integrated Project
Replacing diesel in the Islanded System of Boa Vista


Parnaíba V
Closing the cycle, reducing emissions in power generation.

Solar Farm (BA)
One of the largest in Latin America

Reduction in Eneva's **emissions** thanks to these investments, ensuring greater energy security for the country and a smaller environmental impact.



UTE Itaqui - São Luís - MA


47.53 BCM
2P gas reserves


9 million m³/day
Gas production capacity

The document provides a comprehensive view of the Company's financial and non-financial achievements and strategic actions and business developments to all stakeholders. It recaps the progress made under the inspiration of the ESG Agenda and guided by the public commitments undertaken with the UN SDGs. The content was produced to align with the disclosure topics and metrics of the leading sustainability reporting practices:

- > Global Reporting Initiative (GRI) Standards, including all energy utilities sector disclosures applicable to the Company
- > Task Force on Climate-related Financial Disclosures (TCFD), of the Financial Stability Board
- > Sustainability Accounting Standards Board (SASB) for power generators and distributors



To view the full version of Eneva's 2022 sustainability reports, please see its [Integrated Report](#) and [the ESG Disclosures Supplement](#).



Credits

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Technical Coordination

ESG Eneva Management

Materiality matrix

Report Group – rpt.estratégia

Writing, GRI consulting, graphic design, layout and illustrations

grupo report – rpt.com

Photos

Eneva Archive

Proofreading

Catalisando Conteúdo

Integrated Report 2022

Summary version

