SUSTAINABILITY REPORT 2023

norteENERGIA
USINA HIDRELÉTRICA BELO MONTE

SUMMARY

GRI 2-22

MESSAGE FROM THE **CHAIRMAN**

Faced with the challenging scenario of climate change, it is imperative to recognize the essential role of renewable energy sources. In this context, hydroelectric plants stand out as a fundamental piece, not only in the Brazilian electricity matrix, but mainly in the fight against greenhouse gas emissions. It is with this commitment that Norte Energia, in addition to its responsibility in producing and generating energy, takes on broader initiatives with sustainability.

We are engaged in research, innovation, development and technologies such as river electric mobility and other activities related to energy generation and storage. One of the recent advances was the Coppe/UFRJ study on greenhouse gas emissions in the Belo Monte reservoir, concluding that we produce low CO_2 emissions compared to the power generated, reinforcing the renewable and clean nature of our hydroelectric generation. In this report, we explore these and other actions that are shaping a greener, more resilient future.

The Brazilian electricity matrix has a large share of renewable sources, such as hydroelectric, wind, solar and biomass. This configuration is extremely positive in combating climate change, especially when compared to the matrix of other countries. The role of hydroelectric plants in the national system is indisputable, as they are a robust, stable source, with operational flexibility and low cost for the consumer. Furthermore, complementarity between different energy sources is a relevant factor in keeping the system balanced. In December 2023, Brazil had an electrical matrix with approximately 199 GW of total installed power, predominantly of renewable origin, highlighting the hydroelectric source, which accounts for 54.6% of the total installed power in operation.

With an installed capacity of 11.2 GW, the Belo Monte Hydroelectric Power Plant corresponds to approximately 10.3% of the installed capacity of hydroelectric plants in Brazil. With an average of 4.6 GW of Physical Guarantee, the Belo Monte HPP generated a total of 31,521 GWh. It is responsible for meeting approximately 6% of the Brazilian consumption in 2023. Our significant generation of renewable energy, combined with our work and investments in forest restoration actions and the development of new technologies, aligns with the global challenge of combating climate change.

The electromechanical maintenance and safety of the dams in the Belo Monte Complex stood out due to the exceptional performance in the availability of all generating units, keeping the integrity of dams, dikes and other structures. This success reflects a high standard of reliability in operations. The work carried out over the years, and especially in 2023, was awarded at the 5th International Symposium on Rockfill Dams, which recognizes our dams as reference for the global energy sector. The Belo Monte Hydroelectric Power Plant won first place among 13 selected international projects. The company underwent rigorous technical evaluation carried out by the Brazilian Dams Committee and the Chinese National Committee on Large Dams, which every three years select projects of great importance and technical innovations.

The Belo Monte HPP was essential in guaranteeing the energy supply and recovery of the reservoirs of the plants in the National Interconnected System.

The year 2023 began with our adherence to the UN Global Compact. We made a formal and public commitment to the 10 Principles of the Global Compact and the 17 Sustainable Development Goals (SDGs). With this important movement of our ESG agenda and with the results presented below, Norte Energia reaffirms its commitment to align its actions with the best sustainability practices. We continue to rely on a governance structure that is committed to and guided by the principles of

sustainability. We develop projects in accordance with the company's strategic pillars and establish goals focusing on the sustainable development of the region in which Belo Monte is located.

In light of the efforts to expose our socio-environmental initiatives to public opinion, we have increased the level of positive exposure in the media. This gives us the opportunity to transparently present to the Brazilian society information about the Belo Monte operation and the legacy we are building for people and the environment.

I invite everyone to read this report carefully and thoughtfully. It reflects our commitment to building a better world for future generations.

Rodrigo Limp Nascimento
Chairman of the Board of Directors of Norte Energia

GRI 2-22

MESSAGE FROM THE **CEO**

We have made important achievements and continue to fulfill our commitments in 2023. Throughout the year, we contribute to the country's economic and social development, while generating clean, renewable and reliable energy, using the hydroelectric potential of the Xingu River.

In the first half of the year, the Belo Monte Hydroelectric Power Plant was the largest generator of energy in Brazil and Latin America. In the last six months of the year, even with the El Niño phenomenon reducing the flow of rivers in the North region, we contributed to the supply of energy and remained in second place in the ranking.

Another milestone achieved in 2023 was the inauguration of the Northern Operation Center at the Belo Monte Hydroelectric Power Plant, which centralized dialogue with the National Electric System Operator (ONS). Furthermore, we have made progress in the primary nature of operation and maintenance processes. Reaffirming our commitment to acting as a development agent in the region, we train and fill vacancies with local labor. The actions were carried out in partnership with the National Service for Industrial Training (Senai) in Altamira.

I would also like to emphasize that the excellence of our electromechanical maintenance and dam safety ensured the availability of all generating units and the preservation of the structural integrity of the Belo Monte Hydroelectric Complex throughout the year.

In addition, we have taken important steps: we have joined the United Nations (UN) Global Compact; we have achieved gender parity on our Board of Directors, with six women on its board; and we have published the 2nd Greenhouse Gas (GHG) Emissions Inventory, which, for the 2nd consecutive year, received the Gold Seal from the Brazilian GHG Protocol Program.

Recognizing the relevance and attention we must pay to climate change, we have intensified our work on issues related to the topic and to energy transition as well as participated in the UN Climate Conference (COP 28) in Dubai, United Arab Emirates.

To what regards biodiversity, in 2023 we launched the Xingu Call for Proposals along with the BNDES, Fundo Vale and Energisa. This is part of the Living Forest initiative, which will allocate, over the next four years, up to BRL 26.7 million in non-reimbursable resources to projects to restore degraded areas and strengthen production chains in the Xingu Hydrographic Basin, in the Amazon region.

I would also like to highlight the implementation of Permear, a training project for educators from the Municipal Education Network of Altamira on ethnic-racial issues. Developed in partnership with the Municipal Department of Education, the initiative aims to support the public authorities in implementing Federal Law No. 11,645/2008, which makes the teaching of indigenous and Afro-Brazilian histories and cultures mandatory in Basic Education. Through this public-private partnership, we seek to contribute to the Sustainable Development Goals (SDGs) and the International Decade of Indigenous Languages 2022-2032, both declared by the UN.

In the first half of 2023, the Belo Monte Hydroelectric Power Plant was the largest energy generator in Brazil and Latin America. In the second half of the year the El Niño phenomenon reduced the flow of rivers in the northern region of the country. Yet, we contributed to the energy supply as the second largest generator in the country.

In 2023, Belo Monte Comunidade, our main social responsibility program, expanded its area of operation, strengthening activities with the riverside population of the Volta Grande do Xingu region. In partnership with Belo Monte Empreende, we offer training in chocolate production, with the participation of indigenous people.

As a result, two brands of the product were launched: Sìdjà Wahiù and

Iawá, which participated in the largest chocolate festival in Latin America, with successful sales and awards.

Regarding Human Rights, we continued internal training for our staff and actively participated in forums such as the Social Technical Chamber of the Brazilian Business Council for Sustainable Development (CEBDS) and the Global Compact's Electric Energy Sector Working Group.

I am sure our actions have been increasing access to renewable energy sources for Brazilians and enabling the region where we are located to continue advancing towards sustainable development. I invite everyone to delve into this 2023 Sustainability Report, where you will find relevant information about the Belo Monte Hydroelectric Power Plant.

Enjoy the text!

Paulo Roberto Ribeiro Pinto
CEO of Norte Energia

1 ABOU THE REPORT

[GRI 2-2, GRI 2-3, GRI 2-5, GRI 3-1, GRI 3-2, GRI 2-14, GRI 2-29]

GRI 2-2, GRI 2-3, GRI 2-5, GRI 2-29, GRI 3-1, GRI 3-2

Our 2023 Sustainability Report covers the period from January 1 to December 31, 2023 and presents strategies, objectives, indicators, management processes and actions carried out throughout this period. To demonstrate our commitment to transparency and a sustainable growth model, we have been disclosing annually, since 2020, our performance in environmental, social, economic aspects annually, since 2020. **[GRI 2-3]**

This report coincides in terms of time and operations with the annual Financial Statements, which comply with Brazilian accounting practices and include CVM (Brazilian Securities and Exchange Commission) standards, the guidelines of the Accounting Pronouncements Committee (CPC), and the International Financial Reporting Standards (IFRS) - issued by the International Accounting Standards Board (IASB), audited by Ernst & Young. **[GRI 2-5]**

This report is structured in accordance with the Global Reporting Initiative (GRI) 2021 version, and the requirements of Aneel's Annual Social, Environmental and Economic-Financial Responsibility Report. Also, the report also addresses the disclosure and metrics topics of the Sustainability Accounting Standards Board (SASB) for energy distributors and generators as well as the International Integrated Reporting Framework (IIRC) proposed by the Value Reporting Foundation.

Performance data is correlated with the UN SDGs and the Equator Principles. Ernst & Young has verified the information contained in our 2023 Sustainability Report and issued the Letter of Assurance (available on the page **198**). **[GRI 2-5]**

It is important to highlight the report is in compliance with two other relevant annual documents prepared by Norte Energia: the Reference Form, required and regulated by the CVM (Brazilian Securities and Exchange Commission), and the Complete Financial Statements, as provided for in Law No. 6,404/1976 (Corporations Law).

The consolidation of Non-Financial Information took place in our own indicator management system (ESG Indicator System) based on international methodologies (GRI and SASB), corporate standards and procedures. The report underwent limited assurance by an independent auditor. It was verified by the Executive Board, analyzed by the Sustainability Committee and subsequently approved by the Board of Directors. **[GRI 2-5, GRI 2-14]**

For more information about our **2023 Sustainability Report**, please contact our Sustainability department by email at **sustentabilidade@norteenergiasa.com.br** or through the Contact Us channel available on our website **site**. **[GRI 2-3]**

GRI 2-14, GRI 3-1

MATERIALITY

This report addresses priority topics identified in the materiality process carried out in 2022. It was carried out by a specialized external consultancy, Walk4Good, from Grupo Imagem Corporativa, and used the guidelines of the 2021 Standards of the Global Reporting Initiative (GRI). The materiality methodology was based on the GRI Standard 3: Material Topics 2021. The preparation of the matrix used the double materiality concept (assessment of financial and non-financial impacts).

Concerning the review process of the Norte Energia's materiality matrix, which took place in 2022, the main negative impacts resulting from the implementation and operation of the Belo Monte HPP, duly identified in the Environmental Impact Study (LEME, 2009) and validated by Ibama and Funai, were analyzed and updated. In addition, the activities and their relationships with the business were described. **[GRI 3-3]**

The common thread came from our business model and the mapping of its most significant impacts on the economy, the environment and people's lives.

The materiality process considered five main steps:

1. **Context survey;**
2. **Mapping of impacts;**
3. **Significance of impacts;**
4. **Prioritization of impacts; and**
5. **Final validation.**

To validate the results obtained, we promoted engagement with selected Stakeholders: employees, suppliers, trade associations and government bodies, universities, civil society organizations, representatives of local communities, trade associations, and social movements. The Stakeholders were chosen based on those mapped in the materiality review process carried out in the previous year.

For that process, in 2022, employees answered an *online* survey, while the other audiences answered a *survey* and participated in specific meetings/interviews with a specialized consultancy to assess the proposed topics and present suggestions and comments. Interactions with the stakeholders mapped sought to identify the perception of the evolution of the ESG agenda at Norte Energia; evaluate their level of engagement, and perception of the degree of relevance regarding the topics; recognize the challenges faced; receive suggestions; and identify opportunities.

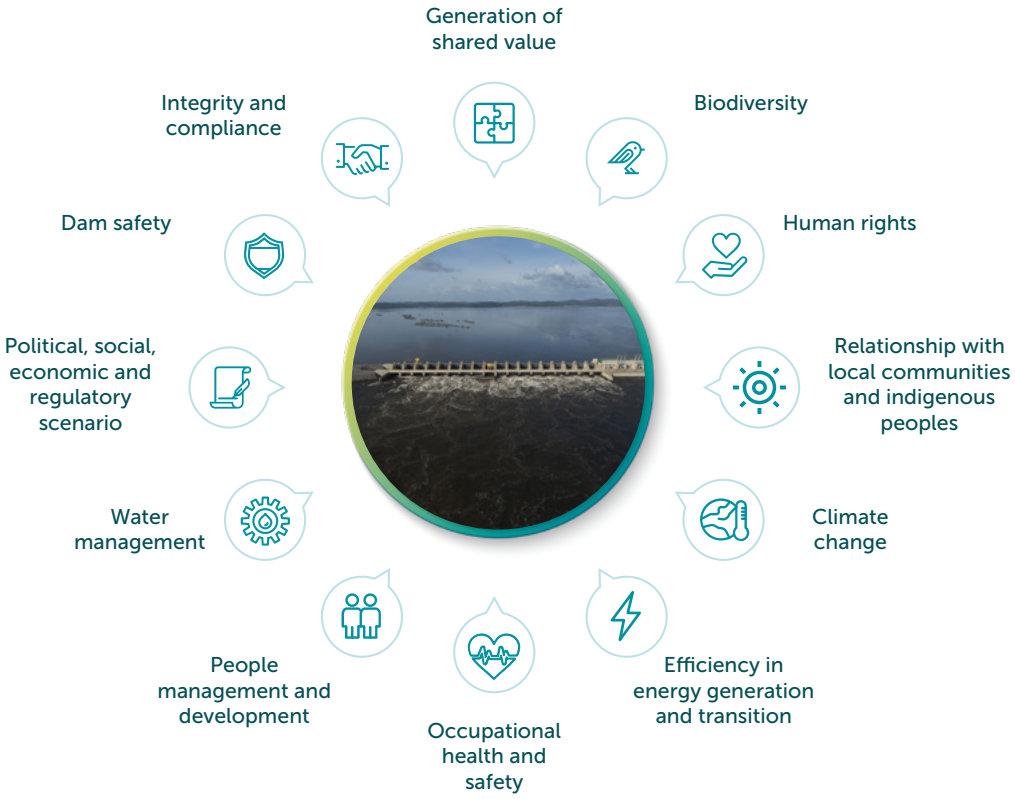
The material topics proposed for the Sustainability Report were analyzed and approved by the Board of Directors, after having been assessed by the company's Sustainability Committee. There were no changes to material topics for this 2023 Report. **[GRI 2-14]**

Women working in the operation of the Belo Monte hydroelectric complex.

GRI 3-2

MATERIAL **TOPICS**

Topics considered material since 2022 include:



Material Topic	Scope	Approach	Stakeholders affected	Disclosures related	SDG	EP
Generation of shared value	It considers the promotion of sustainable regional socioeconomic development that, integrated with the actions of the public power, adds quality of life, good living and empowerment for local communities through advances in the areas of health and sanitation, education, housing, generation of direct and indirect jobs, dynamization of the local economy, reduction of malaria, preservation and appreciation of historical and cultural heritage, among others. It also addresses the prevention, management, monitoring and mitigation of negative impacts, as well as the enhancement of the positive impacts resulting from the operation of the Belo Monte HPP.	People	Shareholders Governments Local community Native peoples Workers Suppliers	GRI- 2-6 GRI-201-1 GRI-201-2 GRI-203-1 GRI-203-2 GRI-204-1 GRI-401-1 GRI-401-2	3 4 6 8	EP 1 EP 2 EP 3 EP 4 EP 5 EP 6 EP 9 EP 10 EP 11
Biodiversity	It addresses the protection and conservation of regional biodiversity, as well as the appreciation of ecosystem services provided by indigenous peoples and traditional communities in the Amazon, focusing on the Xingu Hydrographic Basin. It also considers the risks, opportunities and dependencies, as well as the prevention, management and mitigation actions of the company's negative impacts on nature.	Planet	Riverside community Fishermen Extractivists Indigenous peoples Regulatory bodies Inspection bodies	GRI-304-1 GRI-304-2 GRI-304-3 GRI-304-4	15	EP 2 EP 3 EP 6 EP 9
Human rights	The topic addresses Norte Energia's performance in relation to the responsibility to respect human rights in the development of its activities and relationships, as well as in its value chain. It considers the strengthening of the movement of self-affirmation of the ethnic identity and visibility of the indigenous peoples of the Middle Xingu, as well as allegations of violations of the rights of indigenous peoples, traditional communities and labor rights in general. It also considers actions related to diversity and inclusion.	People	People Suppliers Indigenous peoples Fishermen Riverside people Inspection bodies	GRI-405-1 GRI-405-2 GRI-406-1 GRI-407-1 GRI-408-1 GRI-409-1 GRI-410-1 GRI-202-1 GRI-2-7 GRI 402-1	5 8 10 16	EP 2 EP 3 EP 4 EP 5 EP 6
Relationship with local communities Indigenous peoples	The topic deals with communication with different stakeholders. It addresses the institutional strengthening of community and indigenous associations, development programs and training and qualification actions. It also includes actions with riverside populations, fishermen, indigenous peoples and the local community around the operation of the Belo Monte HPP.	People	Indigenous peoples Fishermen Riverside people Extractivists Public bodies linked to indigenous policies Inspection bodies	GRI-411-1 GRI-413-1 GRI-413-2 GRI-414-1	2 5 3 8 4 10	EP 2 EP 3 EP 4 EP 5 EP 6 EP 9
Political, social, economic and regulatory scenario	Addresses the company's exposure and the execution of its projects and programs in the economic, social, political and regulatory context.	Politics	Regulatory and supervisory bodies Governments National Congress Society Community Shareholders People	GRI-2-23 GRI-2-24 GRI-2-25 GRI-2-26 GRI-2-27 GRI-415-1 GRI-418 GRI-2-15	16 17	EP 1 EP 2 EP 3 EP 5 EP 6 EP 9 EP 10

Material Topic	Scope	Approach	Stakeholders affected	Disclosures related	SDG	EP
Climate change	The topic deals with the company's resilience, the risks and effects of climate events on the business and operation of the Belo Monte HPP, as well as actions related to the reduction of Greenhouse Gas (GHG) emissions and the environmental protection of the Xingu Basin.	Planet	Society Community Shareholders	GRI-305-1 GRI-305-2 GRI-305-3 GRI-305-4 GRI-305-5 GRI-305-6 GRI-305-7 GRI-306-1 GRI-306-2 GRI-306-3 GRI-306-4 GRI-306-5 GRI-308-1 GRI-308-2	13	EP 2 EP 3 EP 4 EP 9
Efficiency in energy generation and transition	The company's commitment to the generation and sale of clean, reliable, sustainable and affordable energy and the search for solutions based on innovation, studies and scientific research to adapt to the energy transition through low-carbon economy in the Amazon.	Planet	Society Governments MME Shareholders People	EU-1 EU-2 EU-7 EU-4 EU-8 GRI-302-1 GRI-302-2 GRI-302-3 GRI-302-5	12 13	EP 2 EP 3 EP 5 EP 6 EP 9 EP 10
Occupational health and safety	Prevention of incidents at work and occupational diseases.	People	People Third Parties Service providers Inspection bodies	GRI-403-1 GRI-403-2 GRI-403-3 GRI-403-4 GRI-403-5 GRI-403-6 GRI-403-7 GRI-403-8 GRI-403-9 GRI-403-10	8	EP 2 EP 4 EP 5 EP 6 EP 9
Water management	It considers the importance of the rational and shared use of water and its impacts on it, from the generation of renewable energy to changes in the dynamics of water in Volta Grande do Xingu due to the application of the Hydrogram.	Planet	Fishermen Riverside people Indigenous peoples National Water and Basic Sanitation Agency (ANA) National Secretariat of Ports and Waterway Transport – (SNPTA)	GRI-303-1 GRI-303-2 GRI-303-3 GRI-303-4 GRI-303-5	13	EP 2 EP 3 EP 4 EP 7 EP 9 EP 9

Material Topic	Scope	Approach	Stakeholders affected	Disclosures related	SDG	EP
Integrity and compliance	The topic covers corporate integrity, positioning in relation to ethics and anti-corruption and promotion of a balanced and fair environment.	Politics	Shareholders Advisors Executives People Suppliers Service providers Local community Indigenous peoples Riverside people Fishermen Governments	GRI-2-26 GRI-2-7 GRI-205-1 GRI-205-2 GRI-205-3 GRI-418-1	16	EP 1 EP 3 EP 5 EP 7 EP 10
Dam safety	Initiatives related to dam safety and the integrity of the Belo Monte HPP structures, including guidance and simulation actions with the population surrounding the project.	Planet	Fishermen Indigenous peoples Riverside people Local community Shareholders People	GRI-417-3	13	EP 7
People management and development	Valuing human capital through actions that promote inclusion and respect for diversity. Talent training and retention, maintaining qualified and motivated teams, aligned with the organizational culture, that add value to the community.	People	People	GRI-404-1 GRI-404-2 GRI-404-3 GRI-404-4	8	EP 7

2 NORTE ENERGIA

GRI 2-1, GRI 2-2, GRI 2-6, GRI 3-3 ENERGY GENERATION EFFICIENCY AND TRANSITION, GRI 201-1, IF-EU-000.D, EU1, EU2, EU6, EU7, EU10, EU30

GRI 2-1, GRI 2-2, GRI 2-6, GRI 3-3 EFFICIENCY IN ENERGY GENERATION AND TRANSITION, GRI 201-1, IF-EU-000.D, EU2, EU6

ABOUT US

Affordable and clean energy for the country

Norte Energia S.A. is a private company responsible for the operation, maintenance and exploration of the Belo Monte Hydroelectric Complex (Belo Monte HPP) on the Xingu River, in the northern region of Brazil, in the state of Pará. Established as a special purpose company, the company obtained the concession in 2010 and received a license from the Brazilian Institute of Environment and Renewable Natural Resources (Ibama) to start generating energy in 2015. The term of management of the plant by Norte Energia is 35 years, extended for a further 319 days by the third Amendment to the agreement, starting in August 2010.**[GRI 2-2 and GRI 2-6]**

The company's activities take place in Brasília/DF, where its administrative headquarters are located; Altamira/PA, the hub municipality of the project region; and Vitória do Xingu/PA, where the physical structure of the Belo Monte HPP is located. By December 2023, the company had 475 employees, in addition to outsourced and/or temporary employees. During the year, it generated 3,598 average MW[1], and was responsible for supplying a significant part of the national market.**[IF-EU-000.D e GRI 2-1]**

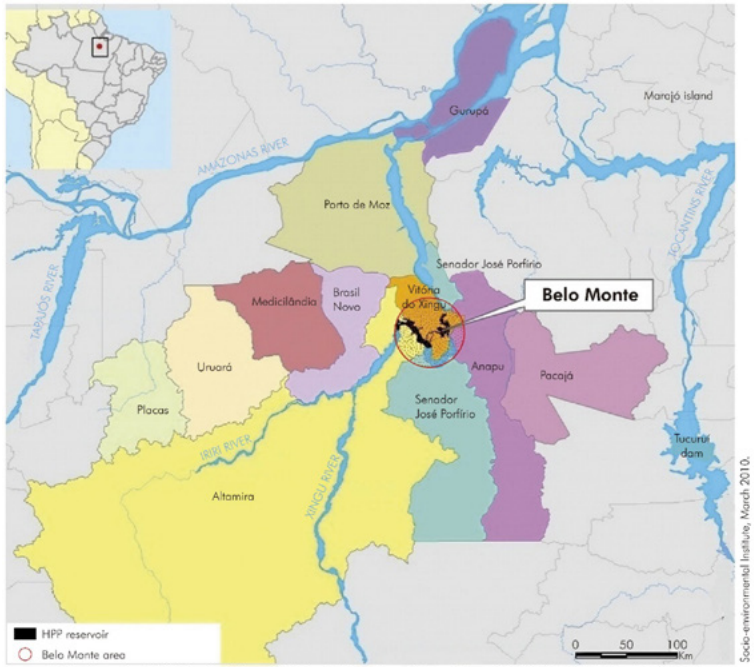
By taking on the challenge of building and operating the Belo Monte HPP, Norte Energia made a commitment to contribute to the country's economic and social development through the generation of clean, renewable, reliable and fairly priced electric energy. That is possible given the energy portfolio that distributors acquire to supply to end consumers.

[1]The Physical Guarantee of the Belo Monte HPP (4,571 MW) was obtained from the series of average monthly natural tributary flows of the Xingu River in the Belo Monte Complex region and the Average of Hydrograms (A and B) expected to be put into practice alternately each year. The generation of the Belo Monte Complex carried out in 2023 was impacted by the combination of the three factors described below, which resulted in production values below the Physical Guarantee: 1. In 2023, Hydrogram B was created, which includes a greater flow to the Reduced Flow Stretch and, therefore, provides a lower flow for the Belo Monte HPP, which naturally results in lower generation for this plant. 2. The average annual inflow observed in 2023 was below the historical average (MLT). 3. Furthermore, the restrictions observed in the National Interconnected System to allocate full dispatch to the Belo Monte HPP also negatively impacted production.

BELO MONTE HYDROELECTRIC POWER PLANT

Energy from the Amazon, essential for Brazil.

11,233.1 MW
in installed power, with an average
4,571 MW of physical guarantee.



Source: Adapted from Centrais Elétricas Brasileiras; Ministério de Minas e Energia. Aproveitamento hidrelétrico Belo Monte: Relatório de Impacto Ambiental – Rima. Rio de Janeiro: Eletrobrás; 2009 maio. 196 p.

The Belo Monte HPP is located on the Xingu River, approximately 60 km from the city of Altamira. The project has direct influence on five municipalities: Altamira, Anapu, Brasil Novo, Senator José Porfírio and Vitória do Xingu; and indirect influence over six municipalities: Gurupá, Medicilândia, Pacajá, Placas, Porto de Moz and Uruará.

With installed capacity to generate 11,233.1 MW of energy and physical guarantee of 4,571 MW on average, the Belo Monte Hydroelectric Complex has 18 Generating Units (UGs) of 611.11 MW each in the Main Powerhouse (Belo Monte HPP), and six UGs of 38.85 MW each in the Complementary Powerhouse (Pimental HPP). Through SIN it supplies energy to the entire country. In terms of installed capacity, it is the fifth largest hydroelectric plant in the world, and the largest 100% national hydroelectric plant. **[EU1, EU30]**

The daily generation capacity of the Belo Monte HPP is reported by Norte Energia and is dispatched by the National Electric System Operator (ONS) to serve the Brazilian electrical system.

Most of the energy (70%) is traded in the regulated market with Energy Trading Agreement in Regulated Environment (CCEAR) for 26 states and the Federal District through 45 distributors; 10% for self-producers, direct or indirect partners of Norte Energia; and 20% for hydrological risk management (GSF) and energy trading in the free market. **[GRI 2-6]**

The plant significantly contributes to the production of renewable energy in the country and concentrates its generation in the first half of each year, as foreseen in its design. The reservoirs occupy an area of 478 km², of which 274 km² correspond to the original bed of the Xingu River during the flood period. An important characteristic of the project is the fact that it operates in "run-of-river" mode.

Run-of-river power plant

The Belo Monte Hydroelectric Power Plant is a run-of-river type plant, that is, **without an accumulation reservoir.** The high efficiency of energy generation occurs because the Plant was built in a region with a large natural slope, which is unusual in Amazon rivers that run in low-altitude terrain.

Both reservoirs cover a total area of 478 km².

The design of the Belo Monte Hydroelectric Power Plant as a run-of-river plant involved adapting the project to take advantage of the natural flow of the Xingu River, in order to minimize the need for large accumulation reservoirs and reduce impacts on the environment.

To take advantage of the energy potential of the Belo Monte HPP, two reservoirs were designed: the Main Reservoir, which includes the Xingu River basin itself, and the Intermediate Reservoir.

The effects arising from the implementation of the project and the formation of its reservoir were properly absorbed and/or minimized, since the flooded area is small and the flooding of indigenous lands was eliminated.

Due to the fact that there are no accumulation reservoirs, energy generation at the Belo Monte HPP depends directly on tributary flows.

As Belo Monte generates energy, it contributes to the recovery of reservoirs in the Southeast so they can generate energy during the dry season in the North. That is an important system that plays a crucial role in Brazil's energy security. **[EU7]**

The largest hydroelectric power plant 100% Brazilian **[EU7]**

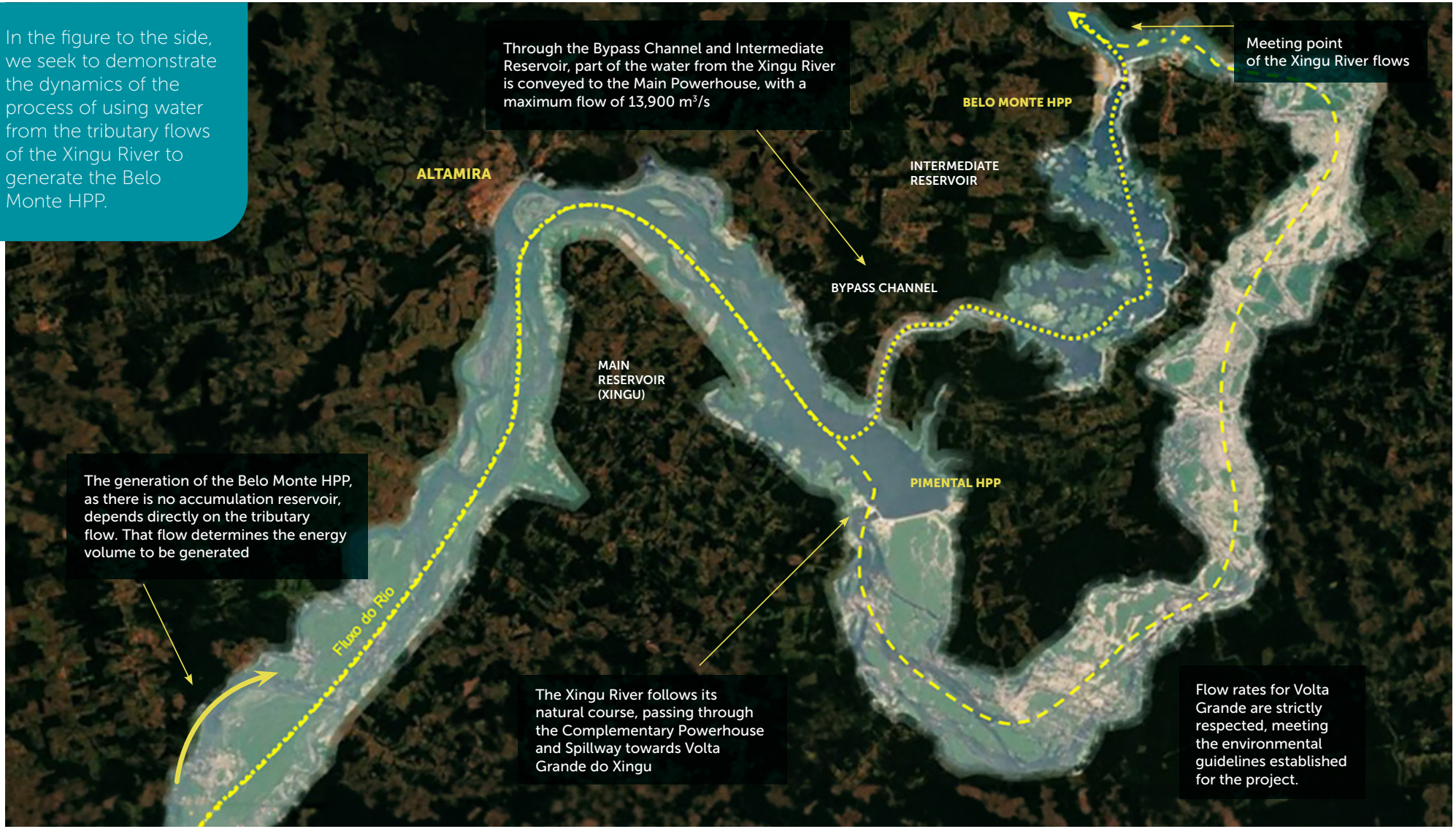
The Belo Monte HPP benefits over **60 million people** with its maximum generation capacity. This represents **6% of the country's total generating capacity and 10% of the generating capacity of all hydroelectric plants[1].**

6%
of the country's total generating capacity **[EU10]**

10%
of the generating capacity of all hydroelectric plants

60 million
people benefited

In the figure to the side, we seek to demonstrate the dynamics of the process of using water from the tributary flows of the Xingu River to generate the Belo Monte HPP.



Dynamics of river flows for energy generation.

The Story of Belo Monte HPP

The Belo Monte project was the subject of intense debate in Brazilian society, with studies for its implementation beginning in the 1970. The first plans to explore the energy potential of the Xingu River emerged in 1975, when the Federal Government began studies that identified seven locations for the installation of hydroelectric power plants. At the time, it was estimated that around 14,600 km² of areas would be flooded (except the beds of the Xingu and Iriri rivers), which corresponds to 3% of the total area of the basin that was home to 12 territories of indigenous peoples of different ethnicities.

The conclusions of these studies were published in the 1980 in Plano 2010 - National Electric Energy Plan 1987/2010, which outlined the guidelines for the Brazilian electricity sector in the long term. The document highlighted that, due to its size, the use of the Xingu River would possibly constitute the largest national project at the end of that century and the beginning of the next.

In 2008, Aneel approved the document Hydroelectric Inventory Update of the Xingu River Basin and limited the area to be explored between the urban center of the municipality of Altamira and the mouth of the Xingu River. Two years later, Ibama issued the preliminary license that certified the environmental viability of the project. After that license was granted, the auction for the concession of the plant was held and obtained at the time by the Norte Energia consortium. In 2010 Norte Energia consortium started creating the Norte Energia concessionaire, a partnership company with a specific purpose: to implement and operate the largest 100% Brazilian plant.

The construction of the plant was authorized in 2011, based on significant changes to the Belo Monte HPP project, which resulted in a 61%

reduction in the flood area, without flooding any indigenous land.

The enterprise currently comprises 36 earth and rock structures (dikes and dams), seven main canals (by-pass and transposition) and 12 main concrete structures (water intakes, powerhouses, spillway, fish transposition system, etc).

The fish transposition system and the anti-shoal grid system in the main powerhouse were installed to protect the fish fauna. The Belo Monte complex also counts on a vessel transposition system, which guarantees navigability for river users on the Volta Grande do Xingu.

In 2015, Ibama issued the operating license for the complex, consisting of the Main Powerhouse (Belo Monte HPP), which has 18 generating units, and the Complementary Powerhouse (Pimental HPP), with six generating units. The first generating units of the two plants started their commercial operation in 2016, and the Belo Monte HPP reached full operation on November 27, 2019.

The regulation reservoir contributes to controlling the flow and regulating the water level, preventing flooding in the city of Altamira.

Hydroelectric complex

Structures that make up the complex:

- Belo Monte HPP
- Pimental HPP
- Bypass Channel
- Reservoirs (Xingu and Intermediate)
- Fish Transposition System
- Vessel Transposition System

Learn a little about our story

1975

Hydroelectric inventory studies for the Xingu River basin begin

1989

First meeting bringing together the indigenous peoples of Xingu, in Altamira

2008

Resolution No. 6 of the CNPE (National Energy Policy Council), dated 07/06/2008, determines that the hydroelectric potential to be explored in the Xingu River will only be that located between the urban center of the municipality of Altamira and its mouth.

The aforementioned CNPE Resolution also determines the need to conduct an anthropological study concerning indigenous communities located in the area under the influence of hydroelectric development. In addition, the affected communities must be heard.

2010

Ibama grants the Preliminary License for the work, and the Federal Government holds the concession auction, won by the Norte Energia Consortium, which became an SPE (Special Purpose Company), creating Norte Energia.

2011

Obtaining the installation license

Approval of the General PBA (Basic Environmental Project)

Start of structural civil work

2012

Approval of the PBA -CI (Basic Environmental Plan for the Indigenous Component) by the National Foundation for Indigenous Peoples (Funai)

2015

Operation license granted by Ibama

Signing of the First Amendment to the Public Property Use Concession Agreement No. 001/2010-MME-BELO MONTE HPP

2016

Entry into operation of UGs 1, 2 and 3 of the Belo Monte HPP, and UGs 1, 2, 3 and 4 of the Pimental HPP

2017

Entry into operation of UGs 4, 5, 6 and 7 of the Belo Monte HPP, and UGs 5 and 6 of the Pimental HPP

2018

Entry into operation of UGs 8, 9, 10, 11 and 12 of the Belo Monte HPP

2019

Full operation achieved with the entry of UGs 13, 14, 15, 16, 17 and 18, completing the structure of the Belo Monte HPP.

2020

Registration of a publicly-held company with the Brazilian Securities and Exchange Commission (CVM), category "A"

2021

Signing of the Second Amendment to the Public Property Use Concession Agreement No. 001/2010-MME-BELO MONTE HPP

2022

Record energy production in a single day (255 thousand MWh)

Signing of the third amendment to the concession agreement to operate the Belo Monte HPP, which was extended to July 2046

2023

Belo Monte HPP becomes the largest power generator in Brazil

Adherence to the UN Global Compact

SHAREHOLDING **COMPOSITION**

Structured as a publicly traded corporation, Norte Energia has shareholders from different business segments and supplementary pension funds. **[GRI 2-1]**

49.98%
Eletrobras Group
Eletronorte: 34.98%
Chesf: 15%

0.25%
J6 Energia Renovável
J. Malucelli Energia

9.77%
Amazônia Energia S.A.
Light and Cemig

10.00%
Belo Monte Participações

10.00%
Self-producers
Aliança Norte Energia S.A
(Vale and Cemig) 9%
Sinobras 1%

20.00%
Pension Entities
Petro: 10%
Funcef: 10%

Shareholding position of Norte Energia S.A.

3 GOVERNANCE

GRI 2-9, GRI 2-10, GRI 2-11,GRI 2-12,GRI 2-13, GRI 2-14, GRI 2-16, GRI 2-19, GRI 2-20, GRI 2-23, GRI 2-15, GRI 3-3 INTEGRITY AND COMPLIANCE GRI 3-3 POLITICAL, SOCIAL, ECONOMIC AND REGULATORY SCENARIO GRI 3-3 EFFICIENCY IN ENERGY GENERATION AND TRANSITION, GRI 207-2, GRI 205-1, GRI 205-3, GRI 205-2, GRI 2-26, GRI 202-2, GRI 2-24, GRI 207-2, GRI 413-1, GRI 407-1, GRI 408-1, GRI 409-1

GRI 2-9, GRI 3-3 INTEGRITY AND COMPLIANCE, GRI 3-3 POLITICAL, SOCIAL, ECONOMIC AND REGULATORY SCENARIO, EU8

CORPORATE **GOVERNANCE**

Entering the Corporate Governance chapter is to delve into the essence of our company, a special purpose entity dedicated to the construction and operation of the Belo Monte project. Since the beginning of Norte Energia's operations, we have been guided by principles of transparency, responsibility and efficiency, always seeking to establish practices that promote the trust of Stakeholders and the socioeconomic development of the region where we operate.

In 2020, we took a significant step by becoming a Category A publicly traded company with the CVM (Brazilian Securities and Exchange Commission), opening our doors to greater participation in the financial market.

The following year, in 2021, we reached another important milestone by accessing the financial market through the issuance of infrastructure debentures, which strengthened our position and enabled new investment opportunities.

Our governance is one of the fundamental pillars of our operations, governed by a shareholders' agreement signed by 100% of the company's capital. This unified commitment ensures that our decisions are guided by standards of ethics, responsibility and respect for the environment and local communities.

We continue to follow our path, remaining focused on Generation of shared value and building a more sustainable future for all.

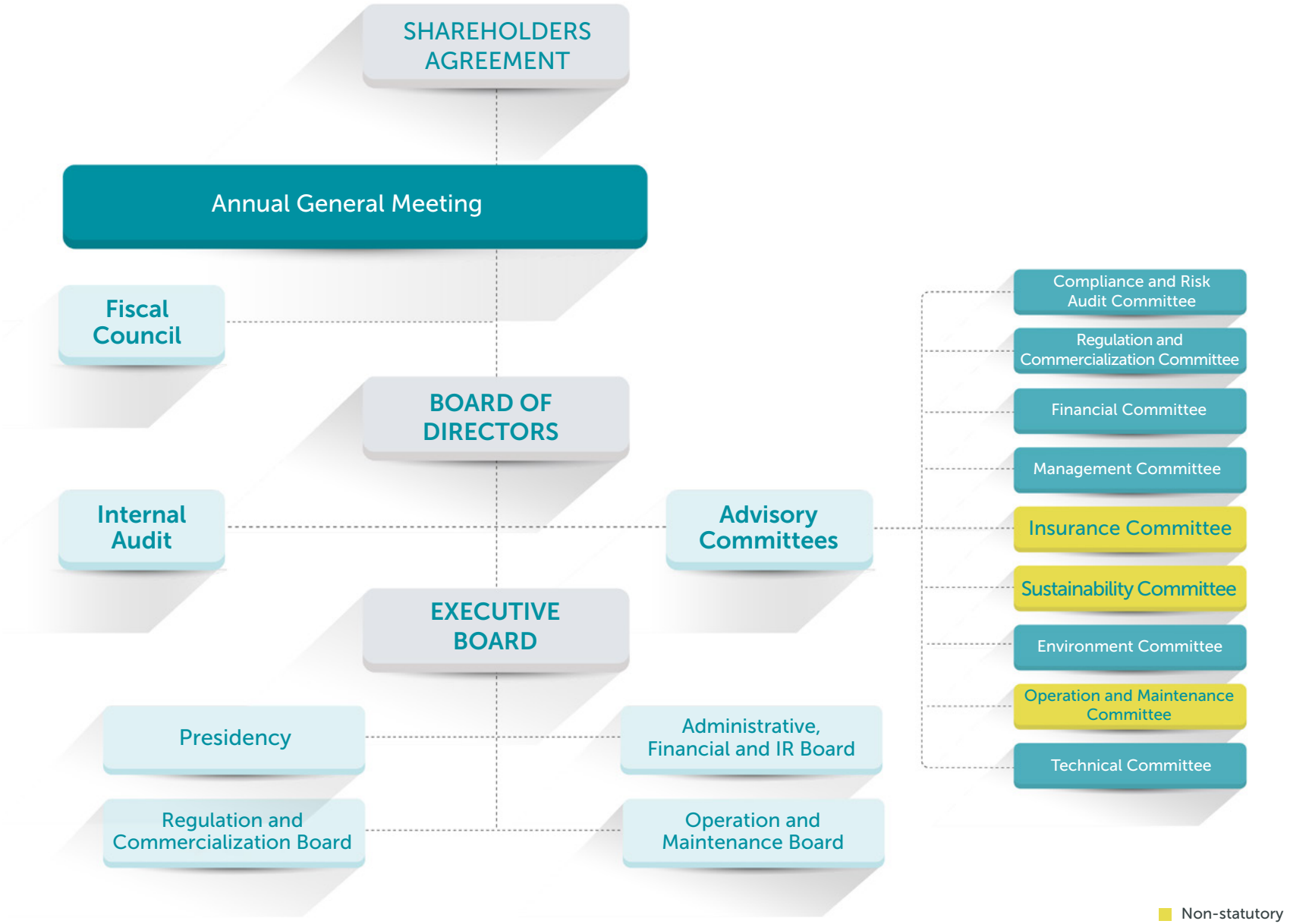
Governance Model

Norte Energia bases its management model on the sustainability of its business and constantly seeks to improve its corporate governance practices. We adopt several measures to ensure ethical conduct and shared decisions.

In addition to the Bylaws and the Shareholders' Agreement, the Conflict of Interest and Risk Management Policies are in force and we seek to follow the guidelines of the Code of Best Corporate Governance Practices of the Brazilian Institute of Corporate Governance (IBGC) to conduct businesses and prepare regulations. **[GRI 2-9]**

We periodically report on our activities and performance through independent external audit inspections, which assess compliance of the actions carried out with the international accounting standards of IFRS.

Our corporate governance model is guided by respect for shareholders, the market and other stakeholders.


SHAREHOLDERS AGREEMENT
Annual General Meeting
Fiscal Council
BOARD OF DIRECTORS
Internal Audit
Advisory Committees
EXECUTIVE BOARD
Presidency
Regulation and Commercialization Board
Administrative, Financial and IR Board
Operation and Maintenance Board
Compliance and Risk Audit Committee
Regulation and Commercialization Committee
Financial Committee
Management Committee
Insurance Committee
Sustainability Committee
Environment Committee
Operation and Maintenance Committee
Technical Committee
Non-statutory

GRI 3-3 INTEGRITY AND *COMPLIANCE*, GRI 3-3 POLITICAL, SOCIAL, ECONOMIC AND REGULATORY SCENARIO, EU8

GOVERNANCE **STRUCTURE**

GRI 2-12

BOARD OF DIRECTORS

It is the board that defines Norte Energia's long-term strategies, in addition to monitoring the Board's execution of established actions and making decisions on relevant business issues, in line with the attributions defined in the company's Bylaws **(https://www.norteenergiasa.com.br/media/investor/docs/20231214-035117-084-8637$estatuto-social.pdf).** The body is also responsible for approving the policies and guidelines that guide the company's administration. **GRI 2-9**

The Board of Directors is made up of twelve members, both sitting members and alternates, who are elected at the General meeting (and may be dismissed by it), of which two are independent. At the end of 2023, Norte Energia had 12 directors for unified two-year terms, as shown in the table below. [**GRI 2-9 and GRI 2-10]**

The Board of Directors meets regularly once a month, with the possibility of extraordinary meetings whenever summoned by the chairman or by two thirds of its members. **[GRI 2-12]**

For further information: **https://www.norteenergiasa.com.br/media/investor/docs/20240705-183701-881-EDD4$formulario-de-referencia-versao-2.pdf**

GRI 2-9

Name	Referral	Job Title
Rodrigo Limp Nascimento	Eletronorte	President
Waldenir Alexandre da Silva Cruz	Eletronorte	Alternate
Carla de Andrade Souza and Andrade Pinto Werdine Machado	Eletronorte	Sitting Member
Jonatan Ross	Eletronorte	Alternate
Ruy Flaks Schneider	Eletronorte	Sitting Member
Patrícia de Carvalho Moreira	Eletronorte	Alternate
Antonio Augusto Bechara Pardauil	Chesf	Sitting Member
André Millions Coutinho	Chesf	Alternate
Ana Silvia Corso Matte	Eletronorte	Sitting Member
No Referral	Eletronorte	Alternate
Susana Hanna Stiphan Jabra	Funcef	Sitting Member
Carlos Alberto Nolasco	Funcef	Alternate
Nélio Henriques Lima	Petros	Sitting Member
Sergio Tadeu Nabas	Petros	Alternate
Solange Maria Pinto Ribeiro	Belo Monte	Sitting Member
Marcelo José Cavalcanti Lopes	Belo Monte	Alternate
Ludmila Lopes Nascimento Brasil	Aliança	Sitting Member
Douglas Braga Ferraz de Oliveira Xavier	Aliança	Alternate
Luiz Eduardo Barata Ferreira	Amazon	Sitting Member
Rodrigo Domingues Vilela	Amazon	Alternate
Marina Freitas Gonçalves de Araújo Grossi	Independent	Independent
Leonardo de Paiva Rocha	Independent	Independent

Composition on 12/31/2023

GRI 2-9, GRI 2-12, GRI 2-13

ADVISORY COMMITTEES

In 2023, nine advisory and informative bodies (of which six are statutory) advised the Board of Directors. With two-year terms aligned with those of the Board of Directors, committee members must have experience and technical capacity related to the key topics of the committees in which they participate. Monthly meetings are held by committee, with the exception of the Sustainability Technical Committees, which have bimonthly meetings, and the Insurance Committee, which meets when necessary. **[GRI 2-10]**

• **Financial Committee:** Analyzes the company's results, supplier selection processes, both for financial services and studies and proposals that have been requested by the Board of Directors and are related to financial services. **[GRI 207-2]**

• **Technical Committee:** Responsible for monitoring engineering and supply services related to the Belo Monte Complex, including requests and pending issues regarding the completion of civil works and assembly of the plant.

• **Environment Committee:** Analyzes processes to select suppliers of environmental services and progress reports on compliance with environmental conditions. It also covers other matters of a social and environmental nature.

• **Management Committee:** It is the board that analyzes the selection processes for suppliers of administrative services and compensation and benefits policies.

• **Audit Committee, *Compliance* and Risk:** Analyzes and issues recommendations on internal audit, accounting and independent audit work, internal controls, risk management and financial management.

• **Regulatory and Commercialization Committee:** Monitors the preparation of studies, opinions and technical notes on the regulation of the electricity sector, current marketing rules and their amendments.

The three remaining committees are not statutory in nature:

• **Sustainability Committee:** Advises the Board of Directors regarding the sustainability of the Company's businesses, and in the development and implementation of the ESG Strategy, which includes the guidelines and corporate acts in the management of environmental, social and governance issues.

• **Operation and Maintenance Committee:** Focused on issues related to the operation and maintenance of the Belo Monte HPP Complex, the committee was established after the completion of the hydroelectric plant.

• **Insurance Committee:** Provides support in the company's insurance contracting. Unlike other non-statutory committees, it meets when demanded.

FISCAL COUNCIL

As a permanent administrative oversight body, the body meets quarterly – or on an extraordinary basis if summoned by its president or at the request of any of its members.

At the end of 2023, the board had five sitting members, elected and dismissed by the General Shareholders' Meeting, with terms that end when the Ordinary General Meeting of each fiscal year is held, following their election. Reelection is possible.

Name	Job Title
Francisco de Assis Duarte de Lima	Sitting Member
Fernanda Maria Vieira Lima Schuery Soares	Alternate
Bruno Eustáquio Ferreira Castro de Carvalho	Sitting Member
Angelo Coelho de Andrade	Alternate
José Victor Vieira da Silva Sousa	Sitting Member
No Referral	Alternate
Eduardo Badyr Donni	Sitting Member
Henrique Andrade Trinckquel	Alternate
Aloísio Macário Ferreira de Souza	Sitting Member
Cristiano Machado Costa	Alternate

Composition on 12/31/2023

GRI 202-2*

EXECUTIVE BOARD

Elected by the Board of Directors for three-year terms (reelection is permitted), the Executive Board of Norte Energia is responsible for the administration and representation of the company. It is composed of a CEO; a Director of Operations and Maintenance; an Administrative, Financial and Investor Relations Director; and a Director of Regulation and Commercialization.

Of the four directors, one is hired locally (which represents 25% of the Executive Board).

The process to nominate members for the Executive Board is carried out through market recruitment and selection, followed by an integrity assessment by the company's *Compliance* area. The process is forwarded for analysis by the Board of Directors.

According to the Bylaws, the CEO cannot be elected to the position of Chairman of the Board of Directors. **[GRI 2-11]**

It is worth noting that the Social and Environmental, Indigenous Component and Sustainability Superintendence reports to the CEO.

Name	Job Title
Paulo Roberto Ribeiro Pinto	CEO
Luiz Fernando Rolla	Financial Administrative and Investor Relations Officer
Wady Charone Júnior	Operations and Maintenance Officer
Franklin Kelly Miguel	Regulation and Commercialization Officer

Composition on 12/31/2023

*Important operational units are the Belo Monte HPP in Vitória do Xingu/PA and the office in Brasília/DF.

SUPPORT AREAS

Norte Energia's management also relies on activities in internal and external areas focused on specific topics. Like the committees, they also strengthen Norte Energia's corporate governance structure by supporting its decision-making process through accurate, up-to-date information that is relevant to the proper development of the company's activities.

• **Risk Management, Internal Controls and*Compliance*:** Responsible for the company's risk management, its objective is to identify, assess and respond to corporate risks and provide governance bodies with information to contribute to the decision-making process. The internal controls area's role is to advise the company's operational areas on activities such as control environment design, and implementing and monitoring control activities. The *Compliance* area's mission is to disseminate the culture of ethical behavior in the corporate environment.

• **Internal Audit:** Area subordinate to the Board of Directors. Functionally, it is subordinate to the company's presidency. Every year, it develops the Annual Internal Audit Plan (PAAI), which contains the audit assessment projects that will be carried out in the following year. This plan is developed based on specific criteria that include the Corporate Risk Matrix (more information on pág. **10**), and is approved by the Board of Directors after being evaluated by the Executive Board and the Audit, *Compliance* and Risk Committee. Internal Auditing works in line with the definitions issued by The Institute of Internal Auditors (IIA) and uses its three-line model. Monthly, or when requested, it presents the results of its work to the Audit, *Compliance* and Risk Committee and quarterly to the Fiscal Council.

• **External Audit:** It assesses the company's financial statements to verify their adherence to accounting practices adopted in Brazil, issued by the Accounting Pronouncements Committee (CPC) and validated by the Federal Accounting Council (CFC), as well as to international accounting standards (IFRS), issued by the International Accounting Standards Board (IASB). In 2023, Norte Energia's results were audited by Ernst Young Auditores Independentes, selected to analyze the period between 2022 and 2024.

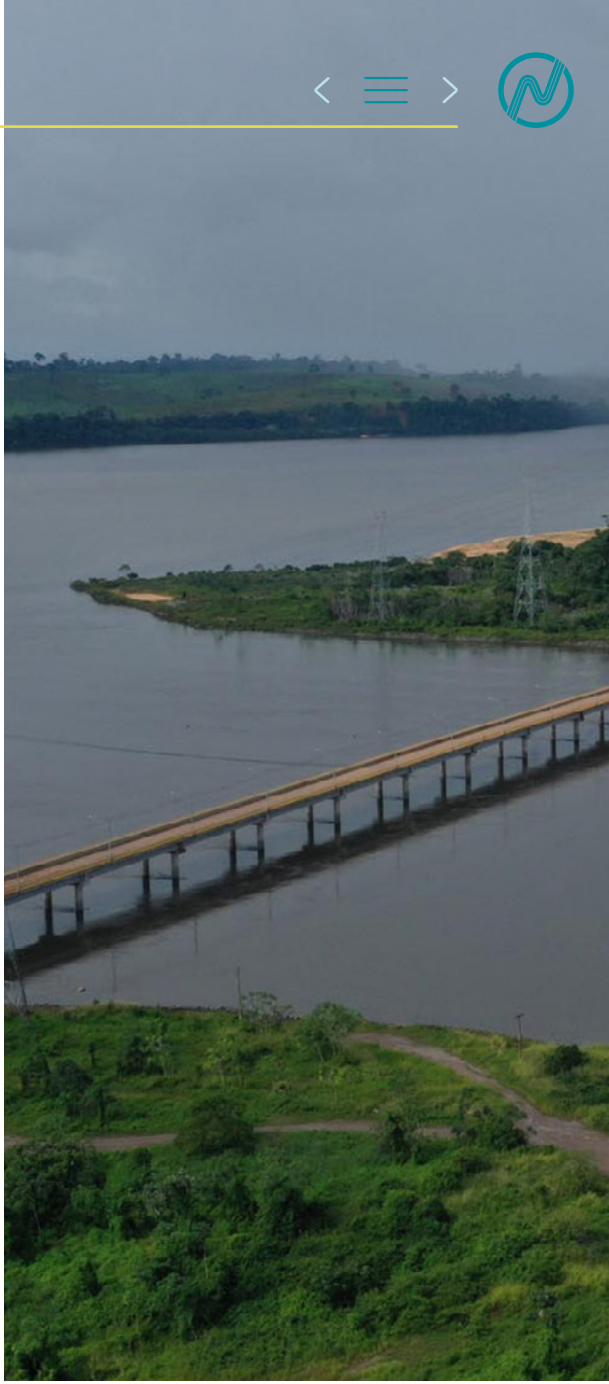
Shareholders play an active role in the engagement process.

GRI 2-12

Outcomes

The Board of Directors regularly monitors, supervises and defines the company's goals, which, as a rule, incorporate sustainability aspects or are associated with these topics. A significant milestone was the approval of the Human Rights Policy in 2022 by the Board of Directors, demonstrating our continued commitment to promoting human rights and integrating ethical principles into our operations.

Through these robust and structured engagement practices, we reaffirm our commitment to sustainability and social responsibility, integrating best governance practices to achieve positive and lasting results for all Stakeholders.



Bridge over the Belo Monte HPP tailrace on the BR-230 highway.

GRI 2-19, GRI 2-20

Leadership Remuneration

The global remuneration of the members of the Board of Directors, the Fiscal Council and the Statutory Board is determined annually by the Annual General Meeting, in accordance with our Compensation Policy for senior management.

It is important to highlight that the remuneration practices adopted by Norte Energia also follow the criteria and recommendations of the IBGC and the Brazilian Corporate Governance Code.

The overall annual remuneration is based on the Compensation Policy. The definition process is advised by the Management Committee, which assesses the proposal before forwarding it to the Board of Directors, which in turn forwards it to the annual general meeting for approval. The Management Committee is made up of members appointed by shareholders who hold at least a 9% stake in Norte Energia's share capital, as defined in the Shareholders' Agreement.

Termination payments

For the Statutory Board, termination payments follow what is set out in the agreement. According to the contractual clause, upon agreement termination, the contractor will be entitled to:

- Monthly compensation due by the end of the 60-day notice period.
- Proportional payment of monthly compensation.
- Paid rest.
- Variable compensation.

In the event of a change in the company's shareholding control, the contractor will be entitled to compensation equivalent to the residual value of the agreement, limited to six monthly payments.

GRI 2-19

Approval process

Regarding the remuneration proposal for the year 2023, the ordinary annual general meeting took place on April 18, 2023, when the proposal for the global annual compensation of the directors was unanimously approved by the shareholders present, as recorded in the minutes of the 13th AGM of Norte Energia. For the year 2023, there was no participation of compensation consultants in the preparation of the proposal, which followed the provisions of the Compensation Policy.

Benefits and incentives

As for benefits and incentives, the compensation policy adopted by Norte Energia specifies that attraction bonuses or incentive payments do not apply to recruitment. There are no *clawback* clauses or retirement benefits for senior management. The members of the Fiscal Council also do not have an employment relationship.

The remuneration of the Executive Board is divided into fixed monthly remuneration, (in line with market standards for positions of similar complexity); variable compensation linked to the target plan approved by the Board of Directors, paid in the fiscal year following the assessment of the result; and benefits package. The main indicators evaluated for directors' participation in the Company's profits and results include Ebitda, sustainability goals, among others.

GRI 2-23, GRI 2-24

INTERNAL POLICIES

Our actions are guided by ethical, transparent and *compliance* criteria, aligned with ESG criteria and focused on the concept of continuous process improvement. Therefore, over time we have developed a series of internal documents that govern all our activities and relationships with the various audiences with which we interact.

The commitments of Norte Energia's Policies apply to all company activities and must be fulfilled by all employees, also extending to their business relationships. Norte Energia establishes guidelines for the preparation and approval of regulations through Standards Control, including approval hierarchy by type of document.
The Policies and commitments established by them are evaluated and approved by the Executive Board and the Board of Directors.

We keep an open and effective communication channel, disclosing the Policy commitments clearly and transparently to all Stakeholders. For employees, policies are published on the Digital Integration Platform (PID), where documents can be consulted in full. In addition, Daily Safety Dialogues (DDS), training sessions and lectures are held.

- Bylaws
- Code of Conduct and Ethics
- Conflict of Interest Policy
- Human Rights Policy
- Sustainability Policy
- Senior Management Compensation Policy
- Risk Management Policy
- Privacy Policy

For suppliers, business partners, customers and the community, the Policies are published on the Norte Energia website and through the Sustainability Report. Norte Energia clearly defines responsibilities to implement commitments at various levels of the organization, from the Board of Directors to the operational level. Senior Management is responsible for defining the company's strategic vision and objectives in specific meetings (Board of Directors and Executive Board), which are formalized in Policies and Normative Instructions. These documents regulate the execution of processes and define responsibilities and assignments.

The Policy commitments are documented in the company's job descriptions and internal rules. That information is periodically disclosed through training, communication portals and computerized systems. Norte Energia integrates its commitments into organizational strategies, policies and operational procedures through the clear definition of objectives, responsibilities and criteria to carry out processes. The preparation, approval, issuance, implementation and monitoring of policies, normative instructions, process instructions, work instructions and manuals are aligned with the company's strategic vision and objectives, as per IN-DAFR-001 – Internal Standards Control. The integration of these commitments is monitored by the *Compliance* area. Its compliance is verified by Internal Audit while carrying out its work, as provided for in the Internal Audit Normative Instruction.

Norte Energia ensures that its commitments are effectively integrated into all spheres of the organization, promoting an organizational culture based on responsibility, excellence and business sustainability. Apply the Due Diligence form to referred suppliers to formalize agreements, especially in cases of consultancy, works and services of greater relevance. Suppliers and service providers comply with the Code of Conduct

and Ethics, the Sustainability Policy and the Human Rights Policy.

Norte Energia selects its suppliers objectively and impartially, considering technical and commercial aspects. Norte Energia keeps a Whistleblowing Channel available to all interested parties, including suppliers and partners, to report possible ethical violations or illegal activities in an identified manner or anonymously.

Norte Energia has an adequate structure of processes, controls and activities to ensure the effectiveness and integrity of the company's information, guaranteeing suppliers and partners comply with ethical principles. It seeks to ensure its partners and suppliers share its ethical commitments and contribute to keeping a culture of integrity and transparency in all operations.

Training provided by Norte Energia aims to ensure that employees receive the necessary training to fulfill the commitments made by the company. The program is organized into three main pillars:

1. **Mandatory training – Regulatory Standards (NRs):** All employees who perform activities that pose health and safety risks must undergo training required by regulatory standards. The applicability of these trainings is indicated in the description of each position and based on the company's Risk Management Program (RMP).

2. **Procedure training:** Norte Energia areas have internal processes and controls recorded in policies and normative/technical instructions. All employees undergo training on the procedures and processes in which they work and with which they are related.

3. **Development Training:** This pillar focuses on developing the technical and behavioral skills required for the employee's current position and to prepare them for the next level of their career. These trainings are determined by the Individual Development Plan (PDI), as a result of the Performance Assessment or at the employee's initiative.

Norte Energia's T&D Program supports the implementation of the company's commitments by ensuring that employees are properly trained to perform their duties both efficiently and effectively. Mandatory training ensures compliance with standards and regulations, preventing risks and guaranteeing safety at work. Procedure training helps to standardize processes and improve the quality of operations. Development training prepares employees for new challenges and responsibilities, allowing the company to evolve and achieve its strategic objectives. In addition, training is accompanied by effectiveness and response assessments, which enable the company to measure the impact of training and adjust its development strategies as necessary, ensuring that training investments directly contribute to the successful implementation of Norte Energia's commitments.

GRI 2-15

Conflicts of interest

Having instruments to prevent or resolve conflicts of interest is essential to protect the integrity and reputation of the company and its people, ensure regulatory compliance, promote an ethical culture, prevent litigation and ensure impartial decisions. Since 2019, Norte Energia has had its Conflict of Interest Policy, which aims to guide the conduct of the company's administrators, employees and representatives in their relationships with third parties. Transactions with related parties are analyzed and deliberated by the Board of Directors and the General Shareholders' Meeting.

This Policy contains guidelines that guide the conduct of employees and third parties. It applies to all Norte Energia employees, managers and representatives in any relationship with third parties, both in the public and private segments, as well as other stakeholders.

For further information on this topic:
https://www.norteenergiasa.com.br/media/gallery/docs/20231116-103656-862-5017$po-pr-002-2019-politica-de-conflito-de-interesses.pdf

Penstocks of the Belo Monte HPP.

GRI 207-2, GRI 3-3 EFFICIENCY IN ENERGY GENERATION AND TRANSITION, GRI 3-3 INTEGRITY AND *COMPLIANCE*

RISK MANAGEMENT, INTERNAL CONTROLS AND **COMPLIANCE**:

The Risk Management, Internal Controls and Compliance area aims to strengthen the governance structure and support management in making decisions with efficiency, transparency and security, in addition to providing greater reliability for Stakeholders.

The main objective of the area is to carry out risk management at Norte Energia, using methodology and tools based on COSO ERM (global standard) and ISO 31000, which considers qualitative and quantitative aspects and provides the Executive Board, the Fiscal Council, the Advisory Committees and the Board of Directors with information regarding risk management so that these bodies can properly fulfill their roles.

Risks are classified by prioritization scenarios. Level 1 is the company's most relevant risk scenario. These are loss scenarios with direct impact on the organization's business continuity. Those risks must be validated by the Executive Board and approved by the Board of Directors. Level 2 and level 3 risks arise from risk scenarios that affect the company's activities, without affecting business continuity. Loss scenarios are defined in the Environmental, Strategic, Financial, Operational and Regulatory categories.

The internal controls area's advises the company's operational areas on activities such as control environment design, and implementing and monitoring operation activities. Within this context, controls were implemented in various areas of the company, such as Governance, Operations, Maintenance, Sales, Environmental and Support areas. Continuous strengthening of the internal control environment supports Norte Energia in achieving its strategic objectives.

Regarding risks related to anti-corruption and money laundering legislation, the company has an Integrity Program, managed by the Compliance area, which includes regulations and mechanisms that act to prevent, detect and mitigate irregular behavior, based on the dissemination of a corporate ethical culture. Non-conformities are reported monthly to the Executive Board and the Audit, *Compliance* and Risk Committee; and quarterly to the Fiscal Council. **[GRI 2-16]**

Norte Energia employees in the electrical gallery of the Belo Monte HPP.

In 2023, no cases related to corruption were detected in our operations assessed (GRI 205-1). Nor there were reports of corruption in the period (GRI 205-3).

APPROACH

Considering the characteristics of its activities, the main risks to which Norte Energia is exposed and which it seeks to manage, mitigate and protect are the following:

• **Financial Risk:** Issues related to the company's financial management, such as liquidity and debt service coverage;

• **Operational risks:** Refer to the possibility of losses resulting from inadequate internal processes, technological failures, human or system errors, which include environmental, social or fraud-related risks;

• **Regulatory, legal and political risks:** These are obligations related to environmental licensing; regulatory, tax, labor and environmental inspection; any regulatory changes by regulatory bodies; and the risks of political changes that may affect legal certainty and the legal framework applicable to the business;

• **Reputational risks:** Potential negative impact on the Company's value resulting from conducting activities below the expectations created by Stakeholders and;

• **Technological risks:** Threats related to the company's technology environment, including cybersecurity, information technology, operational technology and telecommunications systems.

RISK MANAGEMENT

Norte Energia's risk management organizational structure is composed of the Board of Directors, which, supported by the Advisory Committees, defines the risk limits to which the company may be exposed.

The Executive Board is responsible for coordinating the implementation of the risk management policy, helping to identify the risks to which the company is exposed and defining measures to reduce the degree of exposure to risks.

The definition and implementation of mitigation actions and action plans are the responsibility of Norte Energia's Risk, Internal Controls and *Compliance* Superintendence. The area monitors response activities and periodically analyzes the effectiveness of the measures that have been adopted. At the same time, the Internal Audit Superintendence independently assesses the internal controls of the associated risks – thus contributing to strengthening the efficiency of our control environment, in addition to the reliability and integrity of the information.

Additionally, the *Compliance* area has a Fraud Risk Matrix, an internal mechanism that identifies the main actions that can trigger fraud, corruption and embezzlement, prioritizing preventive and detective actions.

GRI 3-3 INTEGRITY AND *COMPLIANCE*

INTEGRITY **PROGRAM**

Norte Energia is committed to keeping professional and ethical standards in conducting its business, being transparent and committed to the truth and clarity of the information provided.

Norte Energia undertakes to continually develop the awareness of its administrators, employees, representatives and suppliers of goods and services regarding the need to combat fraud and corruption, in all their forms; money laundering and illicit accounting practices. The Company will not submit to any situation or influence involving bribery, extortion, payment of kickbacks, operations to conceal income or money laundering and other illicit practices.

Within this context, the Norte Energia's Integrity Program aims to prevent, detect and remedy situations of fraud and corruption through a set of integrity mechanisms and procedures.

In 2023, 99.58% of employees completed the Integrity Program training, which involves anti-corruption practices. 43% of the employees completed the training in 2023. **[GRI 205-2]**

GRI 2-26, GRI 3-3 INTEGRITY AND *COMPLIANCE*, GRI 413-1

WHISTLEBLOWING **CHANNEL**

To support the Integrity Program, Norte Energia has a Whistleblowing Channel, managed externally by a specialized company, which allows reporting any non-compliance with Norte Energia's Code of Conduct and Ethics.

This channel can be accessed by employees, suppliers, service providers, customers, the local population and any other person who wants to report any possible illegality related to Norte Energia. The channel guarantees the anonymity of the whistleblower, unless otherwise required by law.

The investigation of complaints is carried out by the Superintendence of Risks, Internal Controls and *Compliance* or by the Superintendence of Internal Audit, as per the guidance of the Ethics and Corporate Integrity Committee, which may also order investigations by specialized third parties.

All complaints are investigated with the appropriate responses and conclusions published on the Channel's website. If the result of any investigation could materially impact Norte Energia's Financial Statements, senior management is immediately notified so that it can take the necessary actions and remedy the situation. **[GRI 2-16]**

Independent, confidential and impartial, the Norte Energia Whistleblowing Channel is one of the main mechanisms of the company's Integrity Program. Created in 2019, the channel was revised in 2021 to ensure more timely responses.

The six cases of discrimination reported through the Whistleblowing Channel in 2023 were analyzed by the Ethics and Corporate Integrity Committee. For cases involving third parties, reparations were implemented with notifications to the third parties involved as well as a recommendation to restrict future participation in new projects with the company. For internal cases involving employees, sanctions were applied in accordance with the Consequences Policy. **[GRI 406-1]**.

GRI 2-16

	2021	2022	2023
Complaints in the investigation of the previous year	7	12	5
Complaints received	35	69	51
Complaints closed	30	76	46
Complaints under investigation at the end of the year	12	5	5

During the reporting period, there were no crucial concerns and material impacts on the financial statement to be communicated to the senior management.

How to access the Whistleblowing Channel

By phone **0800 941 9667**
Monday to Friday, from 9am to 5pm

Via website
https://canalconfidencial.com.br/norteenergia

GRI 2-23, GRI 3-3 INTEGRITY AND *COMPLIANCE*, GRI 407-1, GRI 408-1, GRI 409-1

CODE OF CONDUCT AND **ETHICS**

Our Code of Conduct and Ethics establishes the conduct, guidelines and ethical principles to guide the actions of all the members of the organization, which includes employees, interns, apprentices, shareholders, customers, suppliers of goods and services, as well as their representatives. This Code is mandatory and comprehensively applicable to everyone, regardless of their job title or work place.

Constant communication and training on the Code of Conduct and Ethics for professionals at all levels of the organization are fundamental tools to ensure the effectiveness of the Integrity Program.

Employees, interns, apprentices, customers, representatives and suppliers of goods and services may be subject to sanctions to be defined by the Corporate Ethics and Integrity Committee, based on the Company's Consequences Policy, without affecting those provided for in law, contract or specific regulation of the organization.

4 HIGHLIGHTS

Closing ceremony of the Permear project.

- **Adherence to the UN Global Compact**
- **Generation 31,521 GWh**, with high available power and operational flexibility, which significantly contributed to avoiding thermal dispatch.

- Production of the **Sìdjä Wahiü and Iawá** chocolates. We entered into partnerships to create the first two chocolates made with cocoa beans from indigenous riverside communities in Volta Grande do Xingu.
- Implementation of the **ESG Homologa Portal,** which establishes criteria to contract suppliers.

- Launch of the **Living Forest Call for Proposals**, a BNDES initiative aimed at supporting ecological restoration projects with native species and agroforestry systems in all Brazilian biomes.
- **Implementation of the Permear Project**, an initiative developed in partnership with the city of Altamira to train municipal school teachers on ethnic-racial issues, especially indigenous histories and cultures.

- Participation in the **Reporting Matters** study, carried out by CEBDS/Report to analyze sustainability reports 2022.
- Participation in the **United Nations Climate Conference - COP 28**
- Inauguration of the **Altamira Photovoltaic Plant** to offset electricity consumption at Norte Energia's offices in the municipality.

Discover the **10 principles of the UN Global Compact** to which we are committed:

Human Rights

1

Companies must support and respect the protection of internationally proclaimed human rights.

2

Make sure that they are not complicit in human rights abuses.

Work

3

Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining.

4

The elimination of all forms of forced and compulsory labor.

5

The effective abolition of child labor.

6

The elimination of discrimination in respect of employment and occupation.

Environment

7

Businesses should support a precautionary approach to environmental challenges.

8

Undertake initiatives to promote greater environmental responsibility.

9

Encourage the development and diffusion of environmentally friendly technologies.

Anticorruption

10

Businesses must work against corruption in all its forms, including extortion and bribery.

MILESTONES **2023**

31,521 GWh
of renewable energy generated in 2023

BRL **504** million
in socio-environmental and sustainability actions

BRL **3.0** billion
Ebitda

BRL **22.6** million
aimed at Research, Development and Innovation

+BRL **210** million
in *royalties* paid to municipalities, the state of Pará and the Union.[2]

2nd place in the country's Energy Commercialization ranking, with
4.4 GW
sold in 2023[1]

1.4 million
of average traded I-RECs certificates

[1]Source: Chamber of Electric Energy Commercialization.
[2]Source: Aneel - https://portalrelatorios.aneel.gov.br/Integrado#!

RECOGNITION

WOB Seal - *Women on Board*. This recognition is granted to organizations that have more than two women on their Boards of Directors. Of the 12 members of Norte Energia's Board of Directors (ten sitting members and two independent members), six are women, representing 50%.

Sustainable Energy Gold Seal, issued by the Acende Brasil Institute The certification is conducted by PwC Contadores Públicos and recognizes the social and environmental responsibility of electric energy projects beyond what is established by law. Furthermore, it assesses the way in which companies manage their sustainability practices.

Innovation in Urban Mobility of the National Front of Mayors (FNP), in the National Circuit of the Electric Sector – **43º CINASE**. The Amazon Multimodal Intelligent System (Sima), a PDI project by Norte Energia in partnership with the Federal University of Pará (UFPA), was awarded in the category.

Gold Seal from the Brazilian GHG Protocol Program for the 2nd Inventory of Greenhouse Gas Emissions..

Winning the **IFC (Fish Congress & Fish Expo Brasil) Amazon Award**, in **the Sustainability category**. The award recognizes the company's commitment to environmental protection of the Xingu River, activities to decarbonize the energy matrix and the installation of fish farming tanks.

1st place in the 5th International Milestone Rockfill Dam Awards (Model in the construction of Rockfill Dams[1]) in 2023. The award recognizes dams considered references in the global energy sector, covering construction, operation, socialz and environmental aspects.

Source: 1. Rockfill Dam is the term used to describe the agglomeration of earth and stones used to support a water dam.

5 STRATEGIES AND BUSINESS MODEL

GRI 2-6, GRI 2-1, GRI 3-3 POLITICAL, SOCIAL, ECONOMIC AND REGULATORY SCENARIO, GRI 3-3 EFFICIENCY IN ENERGY GENERATION AND TRANSITION, GRI 2-15, EU7, EU 8, EU19

Generating Unit 01 Belo Monte HPP

As one of the main agents in the Brazilian Electricity Sector, our initiatives are planned to be in compliance with our strategic guidelines and the regulatory context of the sector. Furthermore, we take into account the risks and opportunities that arise in this environment, which ensure a comprehensive approach aligned with our objectives and values. **[GRI 3-3 Efficiency in energy generation and transition]**

Our Purpose

Generate clean and renewable energy, in a reliable and sustainable manner, using technological innovation and creativity, adding value for shareholders, society in general, the local community and the environment.

Commitment to Sustainable Development

Build a positive legacy, contributing to the social and economic development of the territories where it operates.

Mission

Generate energy and sustainable development for Brazil's growth.

Vision

To be a respected and admired company in the global electricity sector, which encourages social and economic development and is committed to projects that improve the quality of life of the population in the region where it operates.

Values

- Ethical behavior;
- Respect for people and the environment, as well as for the company's assets;
- Focused on results;
- Courage and perseverance.

BUSINESS **MODEL**

INPUTS

Natural Capital

- Renewable natural resources (water and sunlight for electric energy generation)
- Permanent Preservation Areas

Intellectual Capital

Investments in innovation projects related to biodiversity, renewable energy, electric mobility and safety of plant structures

Human Capital

- Collaborators and third parties

Share Capital and Relationship

- Relationship with local communities, indigenous and riverside populations and other stakeholders
- Customers/distributors
- Listening advice

Manufactured Capital

- Belo Monte Hydroelectric Complex
- Photovoltaic plant modules
- Infrastructure, materials and equipment necessary for the operation of the company

Financial Capital

- Revenues
- Loans
- Capital from third parties

MISSION

Generate energy and sustainable development for Brazil to grow

Business activities

Generation and commercialization of electric energy for the national system, from renewable sources

Provision of ancillary services to the SIN to ensure that the national electricity system, from generation to consumption, works properly

Promote ESG strategies and practices, as well as implement socio-environmental actions linked to licensing, regional socio-economic development and environmental protection

Risk management - External environment

Economic and political-institutional scenario
Hydrograph and climate change
Hydrological risk and transmission restrictions

VALUE GENERATION

Natural Capital

- Ecosystem restoration and biodiversity conservation
- Interference in natural environments
- Maintenance of the water quality of the Xingu River
- Investments in innovation, prevention, mitigation and licensing, environmental maintenance and safety, environmental projects, educational actions.

Intellectual Capital

- R&D and innovation projects
- Investments in forest entrepreneurship
- New technologies, more efficient processes, more effective and safer processes, resulting in the quality and safety of generation, less impact on the environment and communities, retention and dissemination of knowledge, etc.

Manufactured Capital

- Renewable energy generated and certified to supply the country
- Urban, rural and indigenous land infrastructure in the area covered by the plant, including housing, health, sanitation, public safety, education, social assistance, communication system, as well as cultural and institutional equipment

Human Capital

- Employee training, development and engagement
- Health and Safety Programs
- Correct execution of the standards established in the strategic planning, aligned with the goals and requirements of the Stakeholders.

Social and Relationship Capital

- Investments to strengthen sustainability, social responsibility, inclusion, respect for diversity and engagement with all its stakeholders.
- Generation of work and income
- Management of the Company's brand, reputation and image, which portray reliability in the solidity of the organization)
- Interlocution, strengthening and feasibility of projects in indigenous communities
- Interlocution with socio-environmental and impact business organizations for the development of communities
- Relocation of the interfered population
- Reconstruction of riverside ways of life
- Repair projects and actions
- Relationship with governments and regulatory agencies

Financial Capital

- Income from taxes and *royalties*
- Remuneration of own capital and capital from third parties
- Fostering the economy and local development

GRI 3-3 POLITICAL, SOCIAL, ECONOMIC AND REGULATORY SCENARIO, GRI 3-3 EFFICIENCY IN ENERGY GENERATION AND TRANSITION, EU8

INDUSTRY SCENARIO AND **GENERATIONAL CHALLENGES**

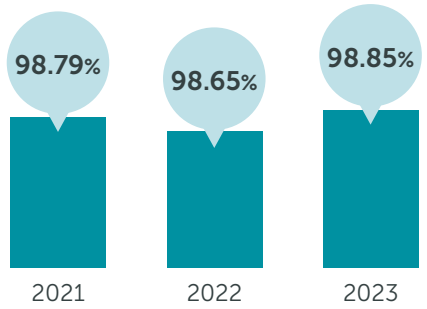
Aneel data from December 2023 reveal that Brazil has achieved an electrical matrix of 199,324.5 MW of inspected power, of which 83.67% are from sources considered renewable. Hydroelectric power stands out, accounting for 54.6% of the total installed capacity in operation.[1].

Despite the El Niño climate phenomenon, the hydrological regime throughout 2023 kept high levels of energy stored in the country's main reservoirs. According to the ONS, SIN reservoirs ended the year with 59.5% storage, an increase of approximately 1.5% compared to 2022.

The Belo Monte Hydroelectric Power Plant played a fundamental role in guaranteeing the energy supply and in recovering the reservoirs of plants in other regions of the country that are part of the SIN to meet national demand. With an installed capacity of 11.2 GW, corresponding to approximately 10% of the total capacity of hydroelectric plants, and a production of 31,521 GWh, the plant met approximately 6% of Brazilian consumption. EU2

During 2023, the management of the operation and maintenance of the Belo Monte HPP underwent significant transformations, which resulted in positive and consistent performance. These advances are the result of the application of reliability engineering, which means ensuring that the operation works reliably over time, minimizing failures and maximizing its availability. The availability of the complex's generating units reached 98.85% at the end of the year, the highest mark for the project. **[EU6]**

AVAILABILITY INDEX BELO MONTE COMPLEX



The Availability Index of an hydroelectric plant is a measurement that indicates the plant's ability to be available and operating to generate electric energy during a given period. This index is calculated by the relationship between the time the plant was in operation (available time) and the total time of the period analyzed. In other words, the higher the availability index, the greater the amount of time the plant has been generating energy continuously, which is an indication of operational efficiency. High availability means that the plant is operating reliably and stably, contributing to the security of energy supply.

[1]Source: Sagic/ONS

GRI 2-6, GRI 2-15, GRI 3-3 EFFICIENCY IN ENERGY GENERATION AND TRANSITION, EU7, EU19

THE MARKETING OF **RENEWABLE ENERGY**

Energy trading in Brazil occurs in two market spheres: the Regulated Contracting Environment (ACR) and the Free Contracting Environment (ACL). All contracts, both ACR and ACL, must be registered with the Chamber of Electric Energy Commercialization (CCEE) and serve as a basis for accounting and settling differences in the short-term market.

In ACR, contracts are made through energy auctions promoted by Aneel, with contracts regulated by Aneel and called Energy Commercialization Contracts in the Regulated Environment (CCEAR).

The ACL is the market segment in which electric energy purchase and sale operations take place, freely negotiated between the parties. The contracting of electric energy in ACL is formalized by freely negotiated Bilateral Agreements. They must provide, among other provisions, the amounts of energy and power, terms, prices and financial guarantees.

All operations, including those with related parties, undergo rigorous analyses to ensure the company's strict interest and alignment with market practices, considering various aspects such as deadlines, values and quality standards. **[GRI 2-15]**

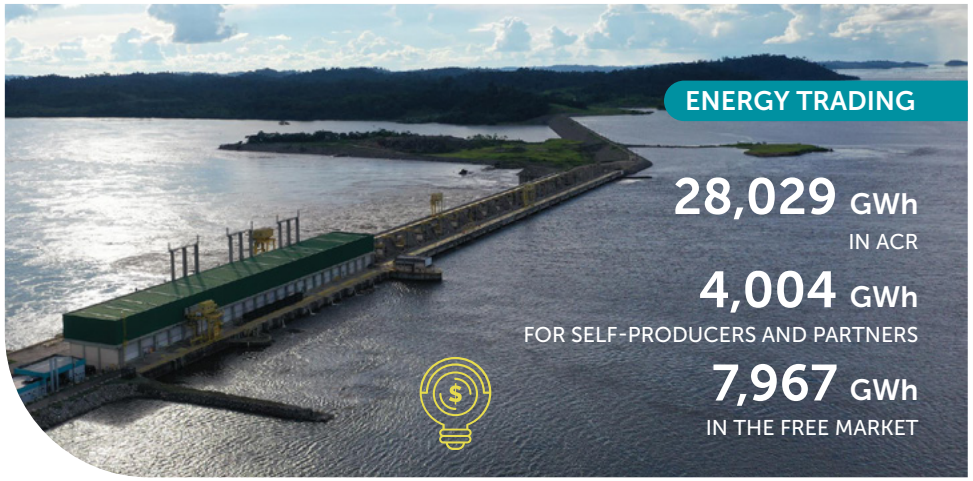
Throughout 2023, we actively positioned ourselves in the free energy market, which resulted in the sale of 28,029 GWh in the ACR, 4,004 GWh to self-producers and company partners and 7,967 GWh in the free market. Due to the need to manage hydrological risk, we also purchased energy on the free market in the amount of 1,891 GWh. **[GRI 2-6]**

Norte Energia was the second largest in terms of energy sales volume at CCEE in 2023. To mitigate the effects of the GSF, the company has adhered to the renegotiation of hydrological risk since 2018, with 70% of its Physical Guarantee renegotiated, resulting in a total risk premium of BRL 457 million.

Regarding energy trading, we concentrate 70% of the Physical Guarantee of the Belo Monte HPP in ACR and 10% allocated to Self-production. The remaining 20% is allocated to the trading of energy on the free market.

Energy trading follows criteria established in the company's risk policies, which aim to mitigate the risks inherent to the energy market and maintain a trading portfolio composed mainly of solid counterparties. In addition, another source of revenue for the company in 2023 was the provision of the ancillary synchronous compensation service [1], which totaled approximately BRL 20 million.

In terms of sales, in 2023, we highlight the 4% increase in the volume of energy sold, when compared to 2022, which totaled 4,519 average MW. This increase is a result of the GSF's active management strategy, which aims to better exploit the project's entire Physical Guarantee (4,571 average MW).



[1]This is an auxiliary electrical service that involves the use of devices able to supply or absorb reactive power synchronously to keep the stability and quality of energy in the electrical system. This type of service is essential to ensure the proper functioning of the electrical system and prevent problems such as power outages and network instability.

Buy directly from the largest 100% Brazilian hydroelectric plant and reduce the electricity bill of your business

In the Free Energy Market, customers have the freedom to choose their supplier and can buy directly from the Belo Monte Hydroelectric Power Plant, without intermediaries, resulting in savings and predictability.

A reference in the electricity market, Norte Energia offers customized contracts for its customers, in any region of Brazil.

Norte Energia offers the solidity and reliability of one of the largest energy companies in the country.

Improve the performance and profitability of your business.

For further information:
https://www.norteenergiasa.com.br/mercado-livre-de-energia#porque-comprar

Renewable Energy Certificates

I-REC- International Renewable Energy Certificates are titles that prove that the electricity consumed comes from a renewable source, but do not necessarily need to be linked to a specific energy supply contract.

By purchasing I-REC from Norte Energia, your company becomes a pioneer in low-carbon economy.

In 2023, we traded 1,384,197 I-RECs

For further information: **https://www.norteenergiasa.com.br/mercado-livre-de-energia#porque-comprar**

Regulation

Regarding regulation, we presented contributions in 23 public participation instruments, 12 at Aneel, eight at MME, one at ONS, one at CCEE and one at the National Congress.

We highlight the company's contribution to Deputy Arnaldo Jardim's preliminary draft on Green Hydrogen. The organization argued for the removal of the additionality requirement of the generating source, which aimed to limit the energy used for the production of low-carbon hydrogen to new plants, and for the elimination of the geographic limits of the bidding zones (submarkets). Both points were removed in the final version approved in the Chamber and forwarded to the Senate.

We have filed additional information with Aneel regarding reimbursement of additional costs arising from the change in the connection at the SE Xingu Substation, the change to the arrangement of the SE Belo Monte 500 kV Substation and the Special Protection System. The topic is evolving in the areas of generation regulation and economic and financial oversight at Aneel.

In 2023, we made the export of turbine spillway (EVT) viable through the company's work with the Ministry of Mines and Energy to regulate the matter, with CCEE and with trade associations to adopt an appropriate price for export. As a result, the company earned BRL 64.4 million in 2023 with the export of EVT.

Also in 2023, Aneel completed the inspection process for the Belo Monte complex (Belo Monte and Pimental HPPs), finding that there were no non-conformities.

Regarding Aneel's Research, Development and Innovation Program, the company contributed BRL 22.6 million to 18 research, development and innovation projects, in addition to having allocated BRL 23.1 million to the National Fund for Scientific and Technological Development (FNDCT), BRL11.5 million to the Ministry of Mines and Energy (MME) and BRL 6.9 million to the Energy Development Account (CDE) for tariff moderation purposes. **[EU8]**

Also in 2023, a Public Call was held that resulted in the contracting of research, development and innovation projects related to: i) Decision-making system to update the elevation-area-volume curve in reservoirs; ii) Static space balloon seeking to replace satellites in localized applications; and iii) Autonomous vessel for water quality assessment.

6 COMMITMENT WITH SUSTAINABILITY

[GRI 2-13, GRI 2-23, GRI 2-25, GRI 2-29]
GRI 3-3 POLITICAL, SOCIAL, ECONOMIC AND REGULATORY SCENARIO,
GRI 3-3 EFFICIENCY IN ENERGY GENERATION AND TRANSITION,
GRI 3-3 HUMAN RIGHTS

Riverside dweller fishing on the Xingu River.

GRI 2-13, GRI 3-3, POLITICAL, SOCIAL, ECONOMIC AND REGULATORY SCENARIO

SUSTAINABILITY **MANAGEMENT**

At Norte Energia, commitment goes beyond energy generation. We contribute to environmental conservation and sustainable socioeconomic development in the Amazon.

The definition of the sustainability strategy is carried out by the Board of Directors, which has the support and advice of the Sustainability Committee (find out more about its role on page **27**). The Sustainability Superintendence, subordinate to the Presidency, centralizes the management of the topic, promoting Sustainability management practices and work to carry out the Strategic Sustainability Plan.

Aiming at contributing with specialized and independent external views in relation to the company, we have a group of experts made up of consultants from different areas of knowledge.

In appreciation for our activity and actions in the area of sustainability, in 2023 we received the Sustainable Energy Gold Seal, issued by the Acende Brasil Institute and certified by PwC Public Accountants, in recognition of our social and environmental responsibility and management of sustainable practices.

This year, we continued our participation in the Brazilian Business Council for Sustainable Development (CEBDS), strengthening our presence beyond the technical chambers. In 2023, we participated in CEBDS initiatives: Business Movement for the Amazon and Amazon Working Group.

Indicator Center

Norte Energia's Indicator Center gathers data related to our results as a company focused on sustainability aligned with the Sustainable Development Goals (SDGs). Learn more about our commitment to renewable energy, environmental protection of the Amazon and regional socioeconomic development at: **http://indicadores-sustentabilidade.norteenergiasa.com.br/.**

Sustainable Development Goals

The 2030 Agenda for Sustainable Development, established in 2015 by world leaders, represents an ambitious commitment to eradicate poverty, combat inequality and protect the environment. Composed of 17 goals and 169 specific targets, this global agenda aims to promote a more prosperous and sustainable future for all, leaving no one behind. The information related to the ESG aspects covered in this report is aligned with the UN SDGs.

Visit by Board Members to the Belo Monte hydroelectric complex.

GRI 3-3 EFFICIENCY IN ENERGY GENERATION AND TRANSITION

STRATEGIC PILLARS OF ACTION

Regional Socioeconomic Development

- Promote inclusive and sustainable economic growth
- Strengthen production chains based on bioeconomy
- Foster Businesses with Social and Environmental Impact (NIS)

Renewable Energy Generation

- Greenhouse Gas Emissions Management
- Combating Climate Change
- Defending hydroelectric power as renewable energy
- Research, Development and Innovation

Contribute to the environmental protection of the Xingu Basin

- Forest conservation and reduction of deforestation in the Amazon
- Promoting reforestation associated with income generation
- Monitoring and protection of the Xingu River Basin

In the **Renewable Energy Pillar**, we published our second Corporate Inventory of Greenhouse Gas (GHG) Emissions, an essential tool to identify, quantify and mitigate our emissions. This inventory, which covers Scopes 01, 02 and 03, was verified by an accredited third party. It received recognition from the Brazilian GHG Protocol Program with the Gold Seal, for the second consecutive year.

We highlight the efficiency of our operation, reflected in our low emissions intensity indicator compared to other energy generating sources. In addition, we continued the Green Energy Project in Xingu (more information on page **119**), which aims at the energy transition and the provision of renewable electric energy in communities affected by Belo Monte.

In the field of innovation, we invest in research, development and innovation projects focusing on environmental and technological challenges. We highlight our efforts in characterizing extreme climate events and their impact on Brazilian river basins, as well as in developing methodologies to calculate net GHG emissions from reservoirs. Furthermore, we are advancing projects to implement solar-powered vessels,to contribute to the reduction of emissions from river transport.

At the end of 2023, we inaugurated a 4 MW photovoltaic plant in Altamira, a milestone for our company and for the territory where we are located. The main objective of this plant is to offset the energy consumption of our offices. This initiative reinforces our commitment to sustainability and energy transition.

We participated in the UN Climate Conference (COP 28) and, through our Sustainability Superintendence, together with the CEBDS delegation, followed the debates and interacted with the other companies and audience present. **[IF-EU-420a.3]**

In the **Amazon Environmental Protection Pillar**, we launched the Xingu Call for Proposals as part of the Living Forest initiative, which will allocate BRL 26.64 million in resources to projects to restore and strengthen local production chains. This partnership with BNDES, Energisa and Fundo Vale reflects our commitment to driving a carbon-neutral economy in the region and contributing to the quantity and quality of water in the basin.

In 2023, Norte Energia carried on supporting projects with the Kayapó people, in accordance with the socio-environmental licensing commitments. In collaboration with Eletrobras, we finance initiatives that aim to protect indigenous territory and promote sustainable economic activities.

In the **Regional Socioeconomic Development Pillar**, we continued to support initiatives that promote sustainable entrepreneurship in the Belo Monte region. In partnership with the Amazon Entrepreneurship Center (CEA), the Belo Monte Empreende Project trained local entrepreneurs, preparing them to develop innovative and sustainable businesses.

Together with children and young people living along the riverbanks of the reservoir region, we developed the Encantos do Xingu Project, which offered music and visual art workshops for children and young people.

Belo Monte Comunidade, our main social responsibility program, developed the Permear project with the audience of the city of Altamira, in

Photovoltaic plant in Altamira-PA.

Gourmet flour course, carried out through BMC in partnership with Senar - public riverside and village indigenous communities.

partnership with the city government. The project aims to train teachers in the municipal network in ethnic-racial themes, especially in indigenous history and cultures. Further information on the project is available in the Local Communities topic (Belo Monte Community Program).

In addition to Permear, Belo Monte Comunidade Social Soccer expanded its area of operation in 2023 and reached part of the riverside public in the Volta Grande do Xingu region. Until then, the Project's target audience was the communities in the neighborhoods built by Norte Energia in the city of Altamira (resettled people).

Professional training and qualification actions for the region's population were also carried out. In partnership with the Brazilian National Rural Learning Service (Senar), we offer several courses, with emphasis on Gourmet Flour, for riverside and village indigenous communities.

Further information in the chapter **Prosperity - Relationship with Local Communities**.

GRI 3-3

Social and Environmental Management and Sustainability: practices and commitments

In line with its Sustainability Policy, the management of Norte Energia's social and environmental issues is led by the Presidency, with a Superintendence dedicated exclusively to the environmental licensing process. This structure includes multidisciplinary management and teams that work in synergy with other areas of the company, such as Sustainability. Strategic social and environmental issues are reported to the Environment Committee and the Board of Directors, reflecting the commitment of senior management.

Integrated Management System (IMS)

Norte Energia operates an Integrated Management System (IMS), based on ISO 14001, which monitors performance indicators and ensures continuous improvement in social and environmental performance.

ESG Indicators Management System (SIESG)

Implemented in 2023, SIESG collects and manages ESG and sustainability information and indicators in accordance with GRI Standards, SASB and Aneel. Responsibility for entering data is shared between different areas of the company.

Indicator Center

The Indicator Center gathers data aligned with the Sustainable Development Goals (SDGs), highlighting the company's commitment to renewable energy, environmental protection of the Amazon and regional socioeconomic development.

Operation License

On July 16, 2021, Norte Energia requested the renewal of the Belo Monte HPP Operating License. Ibama has not yet commented, maintaining the license in force until its decision. 36 conditions were established, of which 20 are completed, 15 are awaiting validation and 36 are in progress. During the 5th Annual Technical Seminar with Ibama in April 2023, the results and indicators of the company's actions were presented. Since 2019, Norte Energia has not received any fines from Ibama for non-compliance with conditions.

Social and Environmental Commitments

The socio-environmental commitments of the Belo Monte HPP include 117 plans, programs and projects in the Basic Environmental Project (PBA) and 27 in the Indigenous Component (PBA-CI), meeting the conditions of the environmental licenses issued between 2010 and 2015. The complexity of the actions and the level of demand for the Belo Monte HPP marked a new standard for environmental licensing in Brazil.

Due Diligence and Equator Principles

Since 2012, Norte Energia has adhered to the IFC Performance Standards and the Equator Principles, implementing transparent consultation mechanisms and engagement actions with different Stakeholders. Quarterly independent audits verify compliance with those standards.

Management of the Indigenous Component

Actions aimed at indigenous peoples include programs for Environmental Supervision, Territorial Management, School Education, Health, Productive Activities, Cultural Heritage and Institutional Strengthening. An Indigenous Steering Committee (CGI) and other subcommittees streamline indigenous participation.

Independent Reports and Audits

By April 2024, 45 Periodic Social and Environmental Reports (RSAPs) with on-site audits were *submitted*. In addition, 24 annual reports were produced and submitted to Ibama, 16 of which after the Operating License was issued in 2015.

Communication and Engagement Tools

The Belo Monte HPP Social Monitoring Forum (FASBM) and the Complaints Mechanism, together with the "Belo Monte Aqui" channel, promote interaction with impacted communities. Tools such as IMS support the management of deadlines, scope, costs, risks and communication.

Environmental Management Plan (EMP)

Established in the PBA (Basic Environmental Project), the PGA integrates and monitors all plans, programs and projects, based on the ABNT NBR ISO 14001:2004 Standard. The system was maintained in the operation stage, promoting critical analysis of the results.

Interactions with Licensing and Financing Agencies

Interactions with environmental agencies and funders are maintained to improve programs and projects. Quarterly independent audits verify compliance with the Equator Principles. Public reports are available on the Norte Energia website.

GRI 2-23 , GRI 3-3 HUMAN RIGHTS, GRI 410-1

HUMAN **RIGHTS**

In December 2022, our Board of Directors approved our Human Rights Policy. This important document is available and accessible on our website,with versions in Portuguese and English.

In our Policy, we reaffirm our commitment to respecting human rights in our operations and in our supply chain. Through this commitment, we seek to respect and contribute to the realization of all universally recognized human rights, in particular (but not limited to) those contained in the following international instruments: Universal Declaration of Human Rights; International Covenant on Civil and Political Rights; International Covenant on Economic, Social and Cultural Rights; ILO Declaration of Fundamental Principles and Rights at Work; ILO Fundamental Conventions; and OAS American Convention on Human Rights.

Our Policy is aimed at all administrators (Officers and members of the Board of Directors), members of the advisory committees and the Fiscal Council, employees, agents, third parties, service providers, business partners, investors, suppliers, representatives, customers and supported organizations.

Norte Energia is committed to promoting human rights and does not, under any circumstances, tolerate the exploitation of child, forced or compulsory labor. Therefore, it refuses commercial relations with organizations involved in these practices and is guided to report any cases it becomes aware of to the competent bodies.

The conduct expected of employees, suppliers and partners in relation to this topic is described in the Human Rights Policy and in the Code of Conduct and Ethics of Norte Energia, widely disseminated to all audiences and accessible on the company's website.

In 2023, we are dedicated to developing a dissemination plan for this policy. The objective of the plan is to encourage the guidelines to be not only known, but incorporated into the daily practices of each and every person and, thus, form an institutional culture in human rights.

To this end, we hired a specialized external consultancy firm that dedicated itself to building a three-year plan with us, which includes a training plan, a communication plan and a due diligence plan, governance and risk analysis in human rights.

To develop the plan, an assessment was carried out on the evolution of the topic in the company over the years, consulting documents and materials and actions already carried out. In addition, interviews were conducted with employees to identify their understanding of the topic, as well as their expectations regarding the policy.

As there are indigenous peoples and traditional communities in the area covered by the Belo Monte Complex, we pay special attention to them in our commitments. Also in 2023, we continued the training on *Sustainability, Indigenous Peoples and Human Rights*. There were a total of 36 hours of training, which reached 87 participants from different areas of the company, according to the table on the side.

Sustainability, Human Rights and Indigenous Peoples Training			
Area	**No. of participant employees**	**Percentage of participants (present/total of employees in the area)**	**Hours**
Dam Safety (January)	15	93.7%	6h
Supplies (February)*	10	100	3h
Audit (February)*	3	75%	3h
Compliance (February)*	3	60%	3h
Trainees (April)	27	100%	3h
Regulation and Commercialization (October)	12	48%	3h
Sustainability	3	70%	3h
Corporate Security**	6	21.4%	8h
Social and Environmental Legislation:	8	89%	4h
TOTAL	**87**	**-**	**36**

*Because these teams are located in Brasília, have fewer employees and have an interface, we gathered the group into a single training class.
In addition to the participating employees, this training also included the participation of 22 third parties, who provide services to the Corporate Security Superintendence. **[GRI 410-1]

Action to include the Belo Monte Community Program with the Sports Association for the Disabled of Polo Xingu.

For further information on this project: **https://www.norteenergiasa.com.br/sustentabilidade/iniciativas/permear**

A third action with an ethnic-racial focus was the implementation of the Permear project, within the scope of our main social responsibility program: Belo Monte Communities. It was a pilot project to train teachers in the municipal school system of Altamira, on the topic of indigenous history and culture. Its purpose was to contribute to the UN Sustainable Development Goals and the International Decade of Indigenous Languages, promulgated by UNICEF. It also enabled the training of teachers in the municipal school system through indigenous participation. Find more information about this project in the link above.

Regarding the contribution to gender equality, in addition to the internal achievement of parity on our Board of Directors, we highlight the female participation of the local community in our Belo Monte Empreende project, which reached 62% of women in the Awakening phase, bringing together 550 participants.

Regarding the inclusion of people with disabilities, the Belo Monte Community Program carried out actions with the Xingu Sports Association for the Disabled (Adepix). Examples include rowing on the Xingu River for members of the Association and support for Paralympic athlete Naira Gomes, president of Adepix, in national and international competitions.

In 2023, we carried on participating in the CEBDS Social Impact Technical Chamber and in the Human Rights Working Group of the Electric Energy Sector, of the Global Compact. In both forums, we were respondents on the Human Rights Thermometer platform. The Thermometer allows companies to self-diagnose their progress on the human rights path, in line with the UN Guiding Principles. **[GRI 2-23]**

The year 2023 marked important advances in our human rights journey, especially in the formation, structuring and planning of the topic.

GRI 2-25, GRI 2-29, EU19

COMMUNICATION WITH **STAKEHOLDERS**

Norte Energia is committed to engaging with Stakeholders, especially local communities, through various interaction and social communication initiatives. These actions include community meetings, door-to-door visits, information on local radio and TV stations, as well as the use of the Popular Communication Network (RCP/Rede Pop), accessible through a messaging app, and the Radio System with indigenous peoples.

During the execution of social and environmental projects, channels of dialogue and spaces for relationships were created. One example is the Belo Monte Social Monitoring Forum (FASBM), which aims to present updated information on licensing actions, provide clarifications and keep a regular space for collective interaction with the community affected by Belo Monte. In these regular meetings, representatives of communities, civil society, local city halls, Ibama and other interested parties monitor the progress of the actions related to the undertaking.

Regarding Communication and Press, the company has intensified its ties with the local, state and national press. In order to positively impact the company's reputation, the communications team increased the volume of production of agendas and events through the dissemination of press releases and institutional videos. At the same time, it has strengthened its presence on social media to increase its follower base and provide information of local interest, which often does not find space in the press.

For queries, reports, complaints, we provide communication channels that include the Whistleblowing Channel and Contact Us, available on the Norte Energia website. The company has systems to monitor demands, from the opening to the closing of the registration. It evaluates the effectiveness of these mechanisms through Satisfaction Surveys of Projects or Programs carried out in the Direct Area of Influence of the enterprise.

Presentation of teams from the Belo Monte Empreende Program to the company's senior management.

The company also offers free call services through the Central Belo Monte 24 Hours channel (0800 091 2810). In addition to these channels, the RCP/Rede Pop were maintained via messaging app and the two Communication Centers in Volta Grande do Xingu to serve the population. **[GRI 413-1]**

With the indigenous population, the radio system was expanded, which enables communication between villages, between them and indigenous bodies in the region and with the entrepreneur.

In addition to these channels, communication and relationships with local communities and indigenous peoples occur through meetings at the Norte Energia office in Altamira and through services at the offices of the companies contracted to carry out the licensing actions.

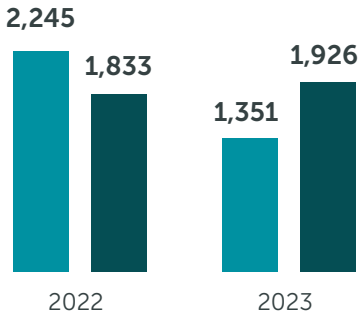
Over the last year, our Community Relations area has strengthened engagement with residents in the Area of Direct Influence and Civil Society Organizations. Engagement took place primarily through community meetings. In 2023, 1,926 participants were counted for 81 actions carried out or supported by Norte Energia. Proportionally, engagement was 5% higher than in 2022 and the number of participants was higher as well. This shows good engagement, since participants brought other participants and some who had not participated in 2022 took part in 2023.

1,926 PARTICIPANTS

81 ACTIONS

5% *greater than in 2022*

COMMUNITY ENGAGEMENT



Permanent Communication Channels with Stakeholders	
Popular Communication Network/ Pop Network	Communication tool that allows interactions through SMS messages, instant communications and in-person visits, when necessary. Interaction contributes to the dissemination of information, keeps the region's population updated on matters related to the company's actions, and encourages sharing among local residents.
Communication Centers	Spaces for interaction with residents of communities living along the Reduced Flow Stretch (TVR), located in the Ressaca community and in Rio das Pedras.
Regular Meetings	Meetings to present, monitor and/or discuss the progress of actions carried out in the 29 communities in the Area of Direct Influence (AID) of the project.
Belo Monte Social Monitoring Forum	Space for discussions and referrals on topics related to the project. The Forum's target audience includes: presidents of representative associations, unions, the Public Prosecutor's Office, Education and Research Institutions, representatives of the executive and legislative branches, as well as regulatory bodies.
Indigenous Radio System	Implemented in 2010 as an integral part of the Indigenous Communication Program (PCI), the System provides a network of support and responses for indigenous communities in the city of Altamira.

NUMBER OF PEOPLE MOBILIZED

NUMBER OF PEOPLE ENGAGED (PARTICIPANTS)

GRI 2-29, GRI 2-25

RELATIONSHIP **CHANNELS**

Belo Monte 24-hour Central

The Belo Monte 24-Hour Call Center is a free telephone service offered by Norte Energia throughout the country through the number 0800 091 2810. It is an important tool for communication and relationships with local communities, as well as with society in general, which allows for answering questions, requesting information and registering complaints.

In the period from January to December 2023, the Belo Monte 24-Hour Central registered a total of 6,770 services, of which 6,526 (96%) were completed. There was a significant increase of 81% in the number of registered calls compared to the previous year.

This rate was driven mainly by the use of the 0800 number by people registered for case studies that assess eligibility for receiving compensation funds intended for the fishing audience.

Improvements implemented at the Belo Monte Power Station

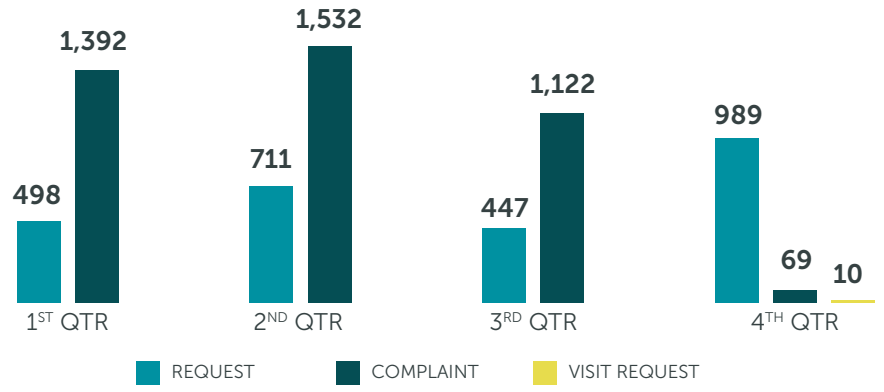
During 2023, improvements were implemented in the operation of the Belo Monte 24-Hour Central to offer a more efficient and transparent service to users. One of the key changes was the introduction of the Belo Monte 24-Hour Central Service System (SACBM), a platform developed internally by Norte Energia to record and monitor services. This initiative enabled the centralization of information between the management of the 0800 channel and the areas responsible for the topics in question within a single environment. This provided greater traceability and control of services. As a result, the year ended with only 4% of services open (under analysis).

Furthermore, internal processes were improved, which resulted in greater assertiveness in classifying services. As of November 2023, users started having the option to inform the reason for contacting Norte Energia, choosing between three options: requesting information, registering a complaint or requesting a visit to the Plant. That was done through our visit program called Visit Belo Monte (more information on page **61**).

This change provided better communication with different audiences and greater clarity about the needs of users who often seek information on a subject without necessarily registering a complaint. In the following graph, we can see a comparison between the number of requests, complaints and visit requests received per quarter throughout 2023.

Belo Monte 24h-Central (0800 091 2810)			
	2021	2022	2023
Number of reports identified	4,830	3,724	6,770
Number of reports addressed	4,830	3,724	6,770
Number of reports resolved	3,304	1,789	6,526

CLASSIFICATION



GRI 2-29

Visiting Program
Visit Belo Monte

The Visit Belo Monte Program offers guided tours of the plant and was created in 2014. Over the course of almost ten years of activity, 21,526 visitors have had the opportunity to see up close the largest 100% Brazilian hydroelectric power plant. **[GRI 413-1]**

In 2023, the program reached its record number of visitors: 3,872 people – a greater number than in 2019, when 3,855 people were welcomed. In 2022 1,543 people were welcomed.

NUMBER OF VISITORS

1,543 IN 2022 → **3,872** IN 2023

Due to the restrictions of the coronavirus pandemic (Covid-19), which occurred mainly throughout 2020 and 2021, the program resumed its in-person activities in 2022.

Accompanied by company guides, participants take a tour of the hydroelectric plant's main structures and learn about the energy generation process. Visits are free and last, on average, four and a half hours, departing from Altamira. The program accepts groups of up to 15 people, with a minimum age of ten, accompanied by guardians.

In 2023, the main audiences served were students from public (47%) and private (12%) schools in the region, followed by tourists (13%).

In addition to those audiences, we highlight, in 2023, the visits of the Minister of Mines and Energy, Alexandre Silveira; of the participants of the 11th National Seminar of Operators of Electrical Systems and Installations (Senop), organized by Norte Energia in Altamira; and of the influencer Rômulo Dias (@visiteopara), who produces digital content about tourism in Pará.

In addition to guided tours, the program also offers the *Visit Belo Monte in the Schools* program. The program provides educational institutions with a fun presentation of the HPP using audiovisual materials. In 2023, 3,472 students were reached in schools where the program was present.

Visitors to the Visit Belo Monte Program

Indigenous people using the radio system.

GRI 2-29

Indigenous Radio System

The indigenous radio system was implemented in 2011 within the scope of environmental licensing. By December 2023, it had 115 radios installed in the indigenous lands of Middle Xingu and the city of Altamira.

Despite the use of other communication channels with indigenous peoples, such as WhatsApp, telephone, and face-to-face consultations, radio remains an instrument of significant use by indigenous peoples, especially for recently contacted peoples.

Radio was the first communication channel established and used by the Brazilian State in contact and action with indigenous peoples in the country. Through it, it is possible to hold collective conversations and be heard by any group that tunes into the frequency.

Below are the communications data recorded in the system by our team throughout 2023, as well as the historical series of the last three years:

TOTAL REQUESTS

1,963
CLOSED/PROCESSED REQUESTS

1,959
COMPLETED REQUESTS

Numbers of the Indigenous Assistance System (SAI)

Year/Indigenous Requests	2021	2022	2023
Total requests	2,838	2,209	1,963
Closed/processed/completed requests	2,824	2,147	1,959

7 PEOPLE: OUR PEOPLE, OUR COMPASS

GRI 2-4, GRI 2-7, GRI 2-8, GRI 3-3 PEOPLE MANAGEMENT AND DEVELOPMENT, GRI 3-3 WORKER HEALTH AND SAFETY, GRI 404-3, GRI 410-1, GRI 404-1, GRI 404-2, GRI 405-1, GRI 401-1, GRI 405-2, GRI 2-23, GRI 406-1, GRI 201-3, GRI 403-1, GRI 403-2, GRI 403-3, GRI 403-4, GRI 403-5, GRI 403-6, GRI 403-7, GRI 403-8, GRI 403-9, GRI 403-10, EU16, EU 17, EU 18, EU25

For us, the future of working relationships lies in people, in Our People. Therefore, we declare in our manifesto, Our People, Our Compass, the six pillars that translate what people represent to Norte Energia.

1. ***INSPIRE***
   Because we know the power of connections.
2. ***EVOLVE***
   It only makes sense to us when it makes sense to each employee.
3. ***VALUE***
   Because we are aware of our potential.
4. ***SUPPORT***
   People, initiatives and ideas that strengthen us.
5. ***CELEBRATE***
   Because our evolution is exponential.
6. ***CARE***
   Because the safety of our people always comes first.

Norte Energia employees at the Pimental HPP.

Inspire

Because we know the power of connections.

- Applicant Experience (R&S)
- Integration Program
- New People

Evolve

It only makes sense to us when it makes sense to each employee

- T&D Program
- Breakfast with the Board
- Performance Management
- Belo Monte *Oportunidades* Program (Internship/Technical Trainee/ Apprentice)

Value

Because we are aware of our potential

- All Corners of Nesa
- Nesacoin (PID)
- Who Inspires You
- I Recognize You
- PLR
- Meritocracy
- Promotion

Support

People, initiatives and ideas that strengthen us

- Benefits
- Partnerships
- Agreements
- *Você Mais Centrado* (You More Centered) Program
- Volunteer program

Celebrate

Because our evolution is exponential

- Birthdays of the Week
- Nesa Employee Day
- Nesa Anniversary
- Nesa's *Arraiá* (typical party)
- Women's/Father's/Mother's, /Children's Day.

Care

Because the safety of our people always comes first

- Health campaigns
- Ergonomic Assessment
- Influenza Vaccination
- Safety Culture

475 EMPLOYEES

348 MALE

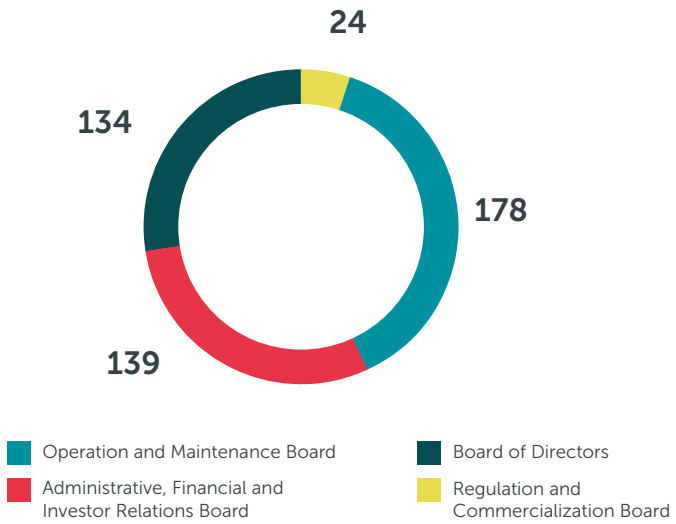
127 FEMALE

WORKPLACE → **357** ALTAMIRA **118** BRASÍLIA

In December 2023, Norte Energia's own staff numbered 475 people, distributed as follows: 357 in Altamira and 118 in Brasília.

Of this total, 178 were allocated to the Operation and Maintenance sector; 24, in the Board of Regulation and Commercialization; 134, in the Presidency Board; and 139, in the Administrative, Financial and Investor Relations Department, representing a planned growth of approximately 28.7% in relation to the previous year.**[GRI 2-7]**

Total Employees by Sector



Total number of employees by gender and by region • GRI 2-7

	2020			2021			2022			2023		
Regions	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Altamira	164	60	**224**	147	53	**200**	183	75	**258**	272	85	**357**
Brasília	62	41	**103**	73	31	**104**	75	36	**111**	76	42	**118**
TOTAL	**226**	**101**	**327**	**220**	**84**	**304**	**258**	**111**	**368**	**348**	**127**	**475**

Note: All employees are full-time permanent GRI 2-4 - *In order to adapt the methodology for the year 2022 and thus also include the Intern category, we corrected here the total number of employees disclosed in 2021.

In 2023, in order to adapt, the Interns category was inserted.

Starting this year, in a measure considered temporary, the company decided to proceed with the hiring of 10 Operations Specialists for a fixed term. This decision represents a significant change from the hiring practices previously reported in the 2022 Sustainability Report. **[GRI 2-7]**

GRI 2-7

2023 • GRI 2-7

	Male		Female		TOTAL		
Regions	For a Fixed Period	For an Indefinite Period	For a Fixed Period	For an Indefinite Period	For a Fixed Period	For an Indefinite Period	Total
Altamira	11	261	3	82	**14**	**343**	**357**
Brasília	0	76	0	42	**0**	**118**	**118**
TOTAL	**11**	**337**	**3**	**124**	**14**	**461**	**475**

The year 2023 was marked by an increase in the number of employees, a direct result of the strategy of insourcing strategic positions. This action not only increased the numbers, but also resulted in savings in costs previously dedicated to outsourcing. **[GRI 2-7]**

Total number of workers who are not employees and whose work is controlled by the organization • GRI 2-8:

1,580 TOTAL THIRD PARTIES

- **1,291** MALE ▸ **82%**
- **289** FEMALE ▸ **18%**

TYPES OF WORKERS:

- consultants,
- outsourced,
- freelancers and
- volunteers.

TYPE OF WORK THEY DO:

- administrative;
- operational (maintenance and operation of plants);
- relationship with the community;
- institutional relationship; and general services (general cleaning).

The calculation of the number of third parties was carried out together with the calculation of the REM (Monthly Statistical Report), where all third parties with active contracts with Nesa are managed.

In 2023, there was a 14.59% decrease in the number of workers who are not employed, equivalent to approximately 270 jobs, resulting from the insourcing of strategic positions. **[GRI 2-8]**

Trainee graduation ceremony.

GRI 2-8

Number of third parties by gender

	2022	2023	AVERAGE
Men	1,553	1,291	**1.423**
Women	297	289	**293**
TOTAL	**1,850**	**1,580**	**1,715**

14.59% *REDUCTION*

Workers who are not direct employees

GRI 3-3 PEOPLE MANAGEMENT AND DEVELOPMENT

PERFORMANCE **MANAGEMENT**

Norte Energia recognizes that each person is fundamental to achieving their goals and shaping their professional future. We understand that to inspire, value, evolve, support and celebrate, it is essential to know and monitor each employee. That is why, in 2022, we implemented Performance Management by competencies.

We prepare our teams and provide experiences so that Performance Management is an opportunity to align the company's objectives with the performance and development of our employees.

From September to December 2023, more than 90% of employees participated in the assessment in the 2nd Cycle of Performance Management. Approximately 70% of participants had feedback recorded in the Individual Development Plans.

GRI 404-3

EMPLOYEES REGULARLY EVALUATED FOR PERFORMANCE AND DEVELOPMENT

Appraisal by Gender

59.7% OF MEN ♂

67.7% OF WOMEN ♀

Percentage of employees, broken down by gender and functional category

	Number of people assessed in the cycle in the category	Number of employees target audience	% N. of workers assessed x N. of target audience	Total number (Dec 23)	% N. of workers assessed x N. of active workers in Dec/23
GENDER					
Female	86	104	**82.7%**	**127**	**67.7%**
Male	208	234	**88.9%**	**348**	**59.7%**
TOTAL	**294**	**338**		**475**	
JOB CATEGORY					
Leadership	3	17	**17.6%**	**19**	**15.8%**
Middle managers and qualified technicians	190	217	**87.6%**	**266**	**71,4%**
Professionals and support team	101	104	**97.1%**	**176**	**57.4%**
Not eligible*	0	0	**0**	**14**	**14**
Totals	**294**	**338**		**475**	

*Performance Management at Norte Energia follows some assumptions, among which it is worth highlighting that the cycle does not include young apprentice and director positions. Therefore, it is worth noting that the column "total number (Dec 23)" contains six women (not eligible) and eight men (not eligible).

It is worth noting that, in the performance management methodology adopted by Norte Energia, the employee must have been in the role for a minimum period of six months to become eligible to participate in the evaluation cycle. Furthermore, the number of employees considered, by category and gender (refer to page **71**), refers to employees active in December 2023, regardless of whether they are eligible for the cycle.

Norte Energia Employees - Brasília Office - DF.

GRI 404-1, GRI 3-3 PEOPLE MANAGEMENT AND DEVELOPMENT

TRAINING AND **DEVELOPMENT**

Norte Energia believes that work and the provision of services depend on the qualification and performance of its professionals. Therefore, it provides training and development opportunities.

29,420
TRAINING HOURS

In 2023, we carried out 29,420 hours of training. When we categorize these hours into averages by job category, we have:

Training and Development by professional category • GRI 404-1		
Category	2022	2023
	Average of Hours	Average of Hours
Leadership[1]	14.78	26.08
Middle managers and qualified technicians[2]	46.87	65.71
Professionals and support team[3]	7.97	18.40
Averages	**32.69**	**61.94**

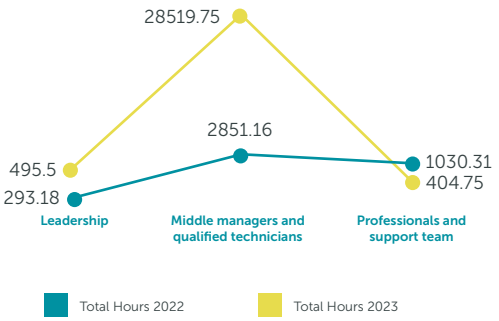
[1] Direct leadership: directors and superintendents.
[2] Qualified middle managers and technicians: managers, administrators, specialists and analysts.
[3]Professionals and support team: administrative, technical and operational staff.

Average number of hours of employee training by gender • GRI 404-1

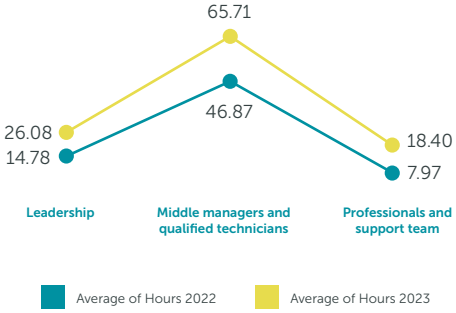
Rating by Gender | hours in training			
	2021	2022	2023*
Men	14.71	32.09	60.75
Women	5.63	34.09	65.19
Average hours trained	**12.20**	**32.69**	**61.94**

*The calculation reflects the total hours by gender divided by the total number of employees by gender, active in December 2023.
Data taken from Norte Energia's Annual Management Report.

Total training hours per year/by job categories



Average training hours per year by job category



The number of training hours increased compared to 2022 in all categories, especially in "Middle managers and qualified technicians" and "Professionals and support staff", due to the need for mandatory and procedural training for O&M professionals.

GRI 404-2

SKILLS DEVELOPMENT PROGRAMS

I Recognize You

Annual campaign that precedes the start of the evaluation cycle. It is divided into two stages. The first consists of nominating colleagues who inspire you on a daily basis in terms of skills. The second consists of a moment between managers and their respective teams, when each member is recognized for an outstanding skill.

Its objective is to recognize, praise and value the work of colleagues to build a climate of collaboration within the team and thus contribute to the continuous improvement of Our People, so that Nesa can always be in exponential evolution.

Training and Development Actions (internal/external)

All Corners of Nesa

Its objective is to promote systematic and random visits by direct employees to the company's different locations (BSB and PA), to maximize understanding of Nesa's areas of activity and contribute to integration between teams.

Você Mais Centrado (You More Centered)

Its objective is to support employees in managing their daily thoughts, emotions, stress and anxiety. The program offers a series of meetings, in which topics such as neuroscience knowledge about the mechanisms of attention, emotions and behaviors are addressed. Practices that enable experiencing the state of mindfulness.

Breakfast with the Board

Its objective is to provide an opportunity for senior management to get closer to employees, offering space for questions and sharing experiences.

Nesa Volunteers

Its objective is to mobilize Norte Energia employees and third parties to carry out structured and pre-defined actions.

Nesa volunteers in action.

GRI 2-23, GRI 202-1, GRI 401-1, GRI 404-1, GRI 405-1, GRI 405-2

DIVERSITY AND **INCLUSION**

In 2023, we received the *Women on Board* seal (WOB). This recognition is granted to organizations that have more than two women on their Boards of Directors. At Norte Energia, of the 12 sitting board members, six are women, which represents a female participation of 50%. Regarding the age issue of the Board of Directors, no sitting member was under 30 years old; 25% were between 30 and 50 years old; and 75% over 50 years old. **[GRI 405-1]**

Visit by Board Members to the Belo Monte hydroelectric complex

Percentage of individuals on the organization's governance bodies in each of the following diversity categories • GRI 405-1

Board of Directors	2020		2021		2022		2023	
AGE GROUP	Number	Rate (%)	Number	Rate (%)	Number	Rate (%)	Number	Rate (%)
Less than 30 years old	0	0.00%	0	0.00%	0	0.00%	0	0.00%
From 30 to 50 years old	0	0.00%	1	8.33%	2	16.67%	3	25.00%
Over 50 years old	11	100%	11	91.67%	10	83.33%	9	75.00%
Total	**11**	**100%**	**12**	**100%**	**12**	**100%**	**12**	**100%**
GENDER	Number	Rate (%)	Number	Rate (%)	Number	Rate (%)	Number	Rate (%)
Men	10	90.91%	10	83.33%	9	75.00%	6	50.00%
Women	1	9.09%	2	16.67%	3	25.00%	6	50.00%
Total	**11**	**100%**	**12**	**100%**	**12**	**100%**	**12**	**100%**

Fiscal Council	2020		2021		2022		2023	
AGE GROUP	Number	Rate (%)	Number	Rate (%)	Number	Rate (%)	Number	Rate (%)
Less than 30 years old	0	0.00%	0	0.00%	0	0.00%	0	0.00%
From 30 to 50 years old	1	25.00%	2	40.00%	2	40.00%	2	40.00%
Over 50 years old	3	75.00%	3	60.00%	3	60.00%	3	60.00%
Total	**4**	**100%**	**5**	**100%**	**5**	**100%**	**5**	**100%**
GENDER	Number	Rate (%)	Number	Rate (%)	Number	Rate (%)	Number	Rate (%)
Men	4	80.00%	4	80.00%	5	100%	5	100%
Women	0	0.00%	1	20.00%	0	0.00%	0	0.00%
Total	**4**	**80%**	**5**	**100%**	**5**	**100%**	**5**	**100%**

The growth in the number of women on our Board of Directors has been gradual and can be seen since 2021, with a significant leap in 2023. In the Fiscal Council, in turn, we need to act so as to promote diversity in this category.

Percentage of individuals who belong to the organization's functional categories by age group • GRI 405-1

Governance bodies	2021			2022			2023		
	Less than 30 years old (%)	30 - 50 years old (%)	Over 51 (%)	Less than 30 years old (%)	30 - 50 years old (%)	Over 51 (%)	Less than 30 years old (%)	30 - 50 years old (%)	Over 51 (%)
Administrative	0.00%	100%	0.00%	0.00%	80%	20%	12.50%	62.50%	25.00%
Advisors	0.00%	33.33%	66.67%	0.00%	50.00%	50.00%	0.00%	50.00%	50.00%
Adviser	-	-	-	-	-	-	0.00%	29.41%	70.59%
Coordinators	0.00%	80.00%	20.00%	0.00%	87.50%	12.50%	0.00%	80.00%	20.00%
Officers	0.00%	25.00%	75.00%	0.00%	25.00%	75.00%	0.00%	25.00%	75.00%
Managers	2.78%	80.56%	16.67%	0.00%	80.56%	19.44%	0.00%	87.50%	12.50%
Mid-level professional	22.22%	68.52%	9.26%	30.16%	60.32%	9.52%	30.87%	60.40%	8.72%
Top-level professionals	15.25%	77.97%	6.78%	21.01%	73.19%	5.8%	22.01%	72.96%	5.03%
Expert top-level professional	0.00%	83.78%	16.22%	2.86%	85.71%	11.43%	0.00%	67.86%	32.14%
Expert technical level professional	0.00%	62.50%	37.50%	70.37%	29.33%	0.00%	0.00%	55.56%	44.44%
Superintendents	0.00%	53.85%	46.15%	0.00%	42.86%	57.14%	0.00%	46.67%	53.33%
TOTAL	**10.30%**	**74.75%**	**14.95%**	**-**	**-**	**-**	**17.63%**	**67.31%**	**15.05%**
Interns	100%	0.00%	0.00%	100%	0.00%	0.00%	100%	0.00%	0.00%
Apprentices	100%	0.00%	0.00%	100%	0.00%	0.00%	100%	0.00%	0.00%
TOTAL	**10.30%**	**74.75%**	**14.95%**	**-**	**-**	**-**	**17.63%**	**67.31%**	**15.05%**

NOTE:
Leadership: group formed by directors, officers and superintendents;
Middle Managers and Qualified Technicians: group formed by advisors, managers, higher-level specialist professionals, higher-level professionals, higher-level specialist master professionals and coordinators;
Professionals and Support Team: mid-level specialist professionals, mid-level specialist master professionals, mid-level professionals, administrative staff, interns and young apprentices.

Ratios of standard entry level wage by gender compared to the local minimum wage • GRI 202-1

	2020			2021			2022			2023		
Line Labels	Men	Women	TOTAL	Men	Women	TOTAL	Men	Women	TOTAL	Men	Women	TOTAL
Leadership	37.46	36.90	37.34	36.75	39.25	37.32	36.57	38.07	37.00	35.06	39.67	35.98
Middle managers and qualified technicians	14.10	11.13	13.14	13.77	10.87	12.88	13.01	10.64	12.25	12.14	9.76	11.33
Professionals and support team	6.11	3.16	5.37	6.22	3.10	5.56	5.08	2.61	4.46	4.98	3.17	4.67
TOTAL	**12.24**	**9.53**	**11.44**	**12.69**	**10.34**	**12.03**	**11.30**	**9.54**	**10.77**	**9.74**	**8.83**	**9.50**

We still have a long way to go to achieve gender parity in all instances and professional categories in the company. As a sector of the economy historically associated with the male universe, we feel the challenge of contributing to the transformation of this scenario.

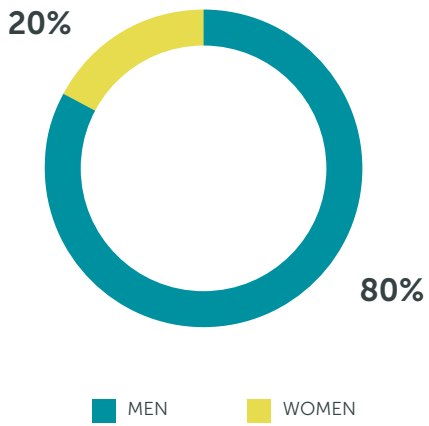
However, although the challenge is great, we identified a 37.5% increase in Operation & Maintenance technicians and specialists, an area usually taken by men. This shows that, despite the difficulties, we have managed to move forward gradually.

New hires • GRI 401-1

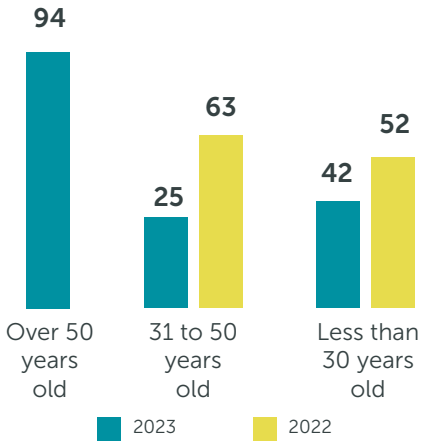
	2020		2021		2022		2023	
AGE GROUP	Number	Rate (%)	Number	Rate (%)	Number	Rate (%)	Number	Rate (%)
Less than 30 years old	8	44.44%	6	13.04%	52	45.22%	42	26.09%
From 30 to 50 years old	0	0.00%	4	8.70%	63	54.78%	25	15.53%
Over 50 years old	10	55.55%	36	78.26%	0	0.00%	94	58.39%
Total	**18**	**100%**	**46**	**100%**	**115**	**100%**	**161**	**100%**
GENDER	Number	Rate (%)	Number	Rate (%)	Number	Rate (%)	Number	Rate (%)
Men	9	50.00%	32	69.57%	71	61.73%	129	80.12%
Women	9	50.00%	14	30.43%	44	38.27%	32	19.88%
Total	**18**	**100%**	**46**	**100%**	**115**	**100%**	**161**	**100%**
REGIONS	Number	Rate (%)	Number	Rate (%)	Number	Rate (%)	Number	Rate (%)
Altamira	8	44.44%	30	65.22%	96	83.47%	134	83.23%
Brasília	10	55.55%	16	34.78%	19	16.53%	27	16.77%
Total	**18**	**100%**	**46**	**100%**	**115**	**100%**	**161**	**100%**

GRI 401-1

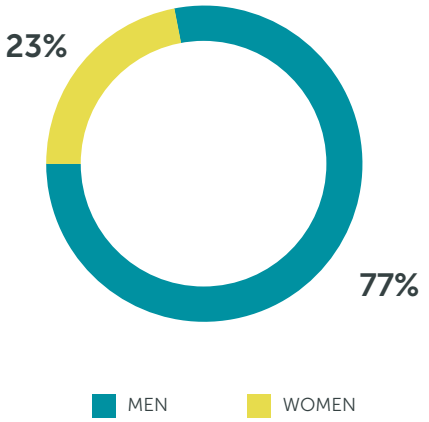
New Hires by gender



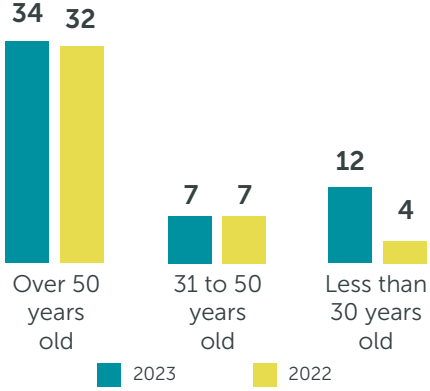
New Hires by age group



Turnover rate by gender



Turnover by Age Group



Turnover rate								
	2020		2021		2022		2023	
AGE GROUP	Number	Rate (%)	Number	Rate (%)	Number	Rate (%)	Number	Rate (%)
Less than 30 years old	10	18.52%	17	26.56%	4	9.30%	12	22.64%
From 30 to 50 years old	21	38.89%	13	20.31%	7	16.28%	7	13.21%
Over 50 years old	23	42.59%	34	53.13%	32	74.42%	34	64.15%
Total	**54**	**100%**	**64**	**100%**	**43**	**100%**	**53**	**100%**
GENDER	Number	Rate (%)	Number	Rate (%)	Number	Rate (%)	Number	Rate (%)
Men	40	74.07%	35	54.69%	31	72.09%	41	77.36%
Women	14	25.93%	29	45.31%	12	27.91%	12	22.64%
Total	**54**	**100%**	**64**	**100%**	**43**	**100%**	**53**	**100%**
REGIONS	Number	Rate (%)	Number	Rate (%)	Number	Rate (%)	Number	Rate (%)
Altamira	50	92.59%	52	81.25%	33	76.74%	35	64.04%
Brasília	4	7.41%	12	18.75%	10	23.26%	18	33.96%
Total	**54**	**100%**	**64**	**100%**	**43**	**100%**	**53**	**100%**

Norte Energia Employees.

Due to the global, national and electricity sector challenge regarding the promotion of gender equality, we started our path in the *Ambição ODS* (SDG Ambition) program of the Global Compact focusing on this topic, in order to directly contribute to preventing the perpetuation of the scenario of inequalities between men and women.

In 2023, we had a growth of 2.4% compared to the result obtained in 2022. In two of the three categories we had significant progress: Leadership, with growth of 11.5%, and Professionals and Support Team, with 8.2%.**[GRI 405-2]**.

GRI 405-2

Proportion between the base salary and remuneration received by women and those received by men for each functional category			
Functional Category	**2021**	**2022**	**2023**
Leadership	1.07	1.04	1.13
Middle managers and qualified technicians	0.86	0.89	0.87
Professionals and support team	0.78	0.75	0.82
Coefficient = Female Salary / Male Salary	**0.85**	**0.85**	**0.87**

*Direct leadership: directors and superintendents; middle managers and qualified technicians: managers, experts and analysts; professionals and support staff: administrative, technical and operational personnel.
Note: The table shows the ratio of the sum of salaries received by women *versus* the sum of salaries received by men, in their respective job categories.
The presented results indicate the following: above one, the woman's salary is higher than the man's; equal to one there are no differences; less than one means that women earn less than men. In 2022 there were no women in the positions of directors, or of specialist technical, administrative and advisor level professionals. Important operational units are the Belo Monte HPP in Vitória do Xingu/PA and the office in Brasília/DF.

We reject any type of discrimination or prejudice, based on race, ethnicity, color, sex, ideology, nationality, religious belief, sexual orientation, disease not transmitted through social contact or any other personal, physical or social condition or other situations protected by Brazilian law, or addressed internationally.**[GRI 2-23]**.

To get to know our workforce better, we conducted a Diversity Survey [1]. The self-declared research was carried out through our internal system, anonymously, which guaranteed privacy and transparency in the process.

Of the total number of employees, 445 contributed to the survey, which represents approximately 94% of our workforce in December 2023. The remaining 6% represent employees who were absent during the research period; on sick leave, maternity leave, or vacation.

Getting to know our team better is essential to achieving even more positive results towards valuing diversity in our company.

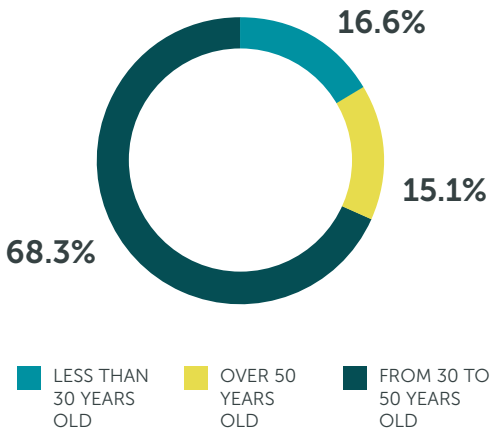
Norte Energia Employees.

[1]Diversity Survey was a subsequent action, carried out in the first quarter of 2024. The survey presents important information about who we are and highlights the value placed on the groups that make up our company. Although it was carried out in the first quarter of 2024, we consider it is relevant to promptly share its results.

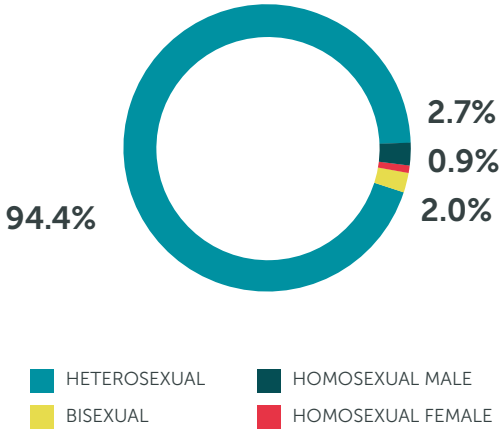
GRI 405-1

Below are the general survey data:

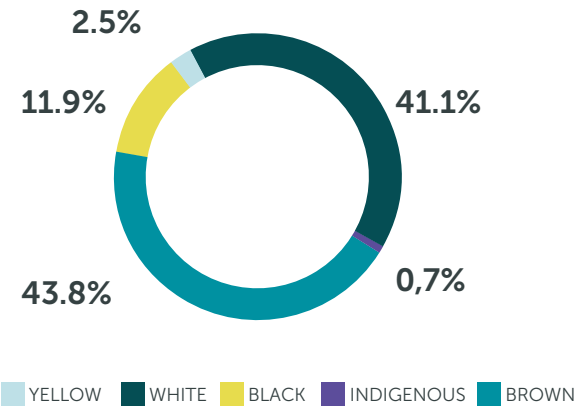
Age Group



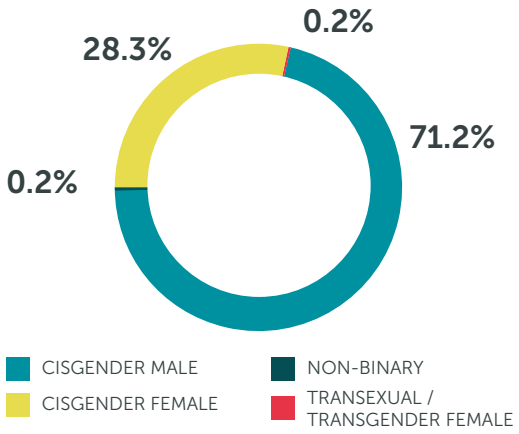
Sexual Orientation



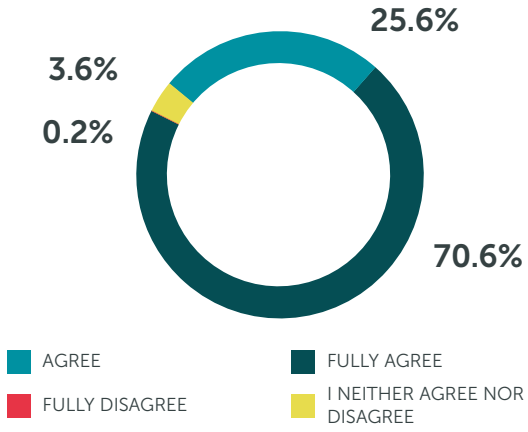
Color or Race



Gender Identity



The company respects my particularities and personal characteristics



For further information, **refer to page 174**.

Lecture with Arlane Gonçalves on the topic: "Ethnic-racial equality: where to start".

Understanding our people better allows us to create a more inclusive and welcoming environment where everyone can thrive and contribute to the success of our company. We continue to work to promote diversity, respect and equal opportunities within our organization. This survey is very important to guide our future initiatives.

For further information: **https://www.norteenergiasa.com.br/noticias/igualdade-e-equidade-sao-tema-de-palestra-para-colaboradores-da-norte-energia-1398**

Programs

APPRENTICESHIP PROGRAM (YOUNG APPRENTICE)

It guarantees specialized professional training for young residents of Altamira and the region, through training and practical experience in various areas of the company. Since 2013, 54 young apprentices have been part of Norte Energia's staff. Of this total, two became part of Norte Energia's primary employee team.

INTERNSHIP PROGRAM

It contributes to the training of the new generation of professionals. It offers training, challenges and opportunities that ensure their development to work, whether at Norte Energia or in other jobs.

Since 2013, 128 interns have been part of Norte Energia's staff. Of this total, about 10% became part of Norte Energia's primary employee team.

BELO MONTE OPPORTUNITIES PROGRAM

We promote the training of professionals in the areas of Electrotechnics and Mechanics, in the context of the Belo Monte HPP, and provide formal employment opportunities for residents of the region. We invest in workforce training in order to prepare them to enter the job market with competence and specialized skills.

Graduation of the first team of Maintenance Operators

In 2023, 26 residents of Altamira received training and were hired by Norte Energia to work as Plant Maintenance Operators. Of this group, 35% were women.

TODOS OS CANTOS / ALL CORNERS PROGRAM OF NESA

Since 2021, we have promoted exchanges between the different teams at Norte Energia. Since the beginning of this initiative, 51 employees have participated in the program.

GRI 201-3

Compensation and benefits for our employees

We are committed to establishing compensation practices that value professionals, boost productivity and promote the satisfaction of being part of Norte Energia. Our compensation package includes competitive salaries, aligned with market practices and annual adjustments to keep up with the cost of living. In addition, there is opportunity for variable compensation based on the achievement of the goals established in the company's annual plan.

We also offer a variety of benefits focused on education, technology, well-being, financial health, health and safety:

Education

Discounts on postgraduate and short-term courses in different areas, as well as access to unlimited private English classes.

Technology

Exclusive discounts on equipment purchases and internet access.

Financial health

Food/meal vouchers and variable compensation program.

Health and safety

Extended maternity leave, medical and dental insurance, life insurance and sickness and work accident benefits.

Well-Being

Expert assistance and guidance for everyday situations or more sensitive issues; access program to the largest network of gyms, studios and wellness apps; and exclusive discount at a local club.

Pursuant to Brazilian labor legislation, Norte Energia pays INSS, PIS/Pasep and FGTS on a regular basis.

INSS payment • GRI 201-3	
2021	18,039,868
2022	22,221,982
2023	25,369,415

Among the benefits that are standard for full-time employees of the organization, but are not offered to temporary or part-time employees, we can mention:

a) life insurance;

b) health insurance;

c) disability and invalidity assistance;

d)maternity/paternity leave

e) stock acquisition plan.
[GRI 401-2]

GRI 3-3 WORKER HEALTH AND SAFETY, GRI 403-1, GRI 403-2, GRI 403-3, GRI 403-4, GRI 403-5, GRI 403-6, GRI 403-7, GRI 403-8, GRI 403-9, GRI 403-10, EU16, EU 17, EU 18, EU25

HEALTH AND SAFETY AT **WORK**

Norte Energia is committed to the quality of life of its employees and service providers and seeks to offer an increasingly safe and healthy work environment. For us, everyone's safety is a non-negotiable value, reflected in our ongoing commitment to this issue at all levels of the organization.

We have an occupational health and safety management system based on legal requirements that covers 100% of direct employees (475 employees) and third parties (1,580 service providers) who also participate in internal audits. The purpose of this system is to eliminate and/or reduce dangers and risks on the work fronts, consequently improving accident and occupational disease rates. **[GRI 403-8, EU17]**

The results of our occupational health and safety actions, projects and programs reflect the engagement of all areas of the company and demonstrate our joint, integrated and interdependent work in various processes. Our purpose is to manage results and continually improve the methodology to anticipate, recognize, identify, evaluate and control risks. It is a systemic approach that aims to integrate occupational health and safety management with general business processes. The system is guided by the PDCA cycle (plan, do, check and act), promoting leadership and practice through consultation with workers and participation of all hierarchical levels of the organization. All contracted companies participate in the OHS management system, aiming at legal compliance and the reduction/elimination of hazards and risks of activities. **[GRI 403-8]**

Our deliveries are based on compliance with current legal requirements and technical standards, which guarantee the protection of health and safety in our processes and activities. To achieve this goal, we adopt an approach that combines education, through training, mentoring, security dialogues, integrations, campaigns, events, inspections; and audits with service fronts, both internal and third-party. **[GRI 403-1]**

In recent years, we have focused our efforts on implementing preventive measures to eliminate, neutralize or reduce hazards and risks in our work environment, in order to provide a safer environment for everyone involved.

Workplace Safety Transformation Program

The Cultural Transformation Program in Occupational Health and Safety has proven essential to achieve better results in accident prevention. In addition to complying with current legislation, we recognize the importance of constantly improving our Occupational Health and Safety management in all areas, in order to strengthen teams and promote the company's sustainable growth.

In 2023, the Occupational Safety Transformation Program focused on the following points:

- Security governance
- Risk perception
- Critical risk management
- Learning from deviations, incidents and accidents
- OHS Management

The actions of the second phase of the program were defined according to the company's new scenario, which prioritized the Operation and Maintenance activities of the plants during the year. Adopting the best market practices in OHS Management and developing organizational skills necessary for the change process, the program was developed focusing on raising awareness among employees at all levels.

In 2023, employees from different areas of Norte Energia were trained as multipliers of OSH issues. The idea was to continue the program after the consultancy left and promote the cultural transformation of OSH. There were 3,756 hours of training on safety culture for employees from all areas of the company and third parties. **[GRI 403-5]**

In addition to training, relevant actions were established on several topics, which included more direct participation of senior leadership in OHS Governance actions and in the implementation of the Behavioral Observation Program. This improved participation and dissemination of indicators in the areas.

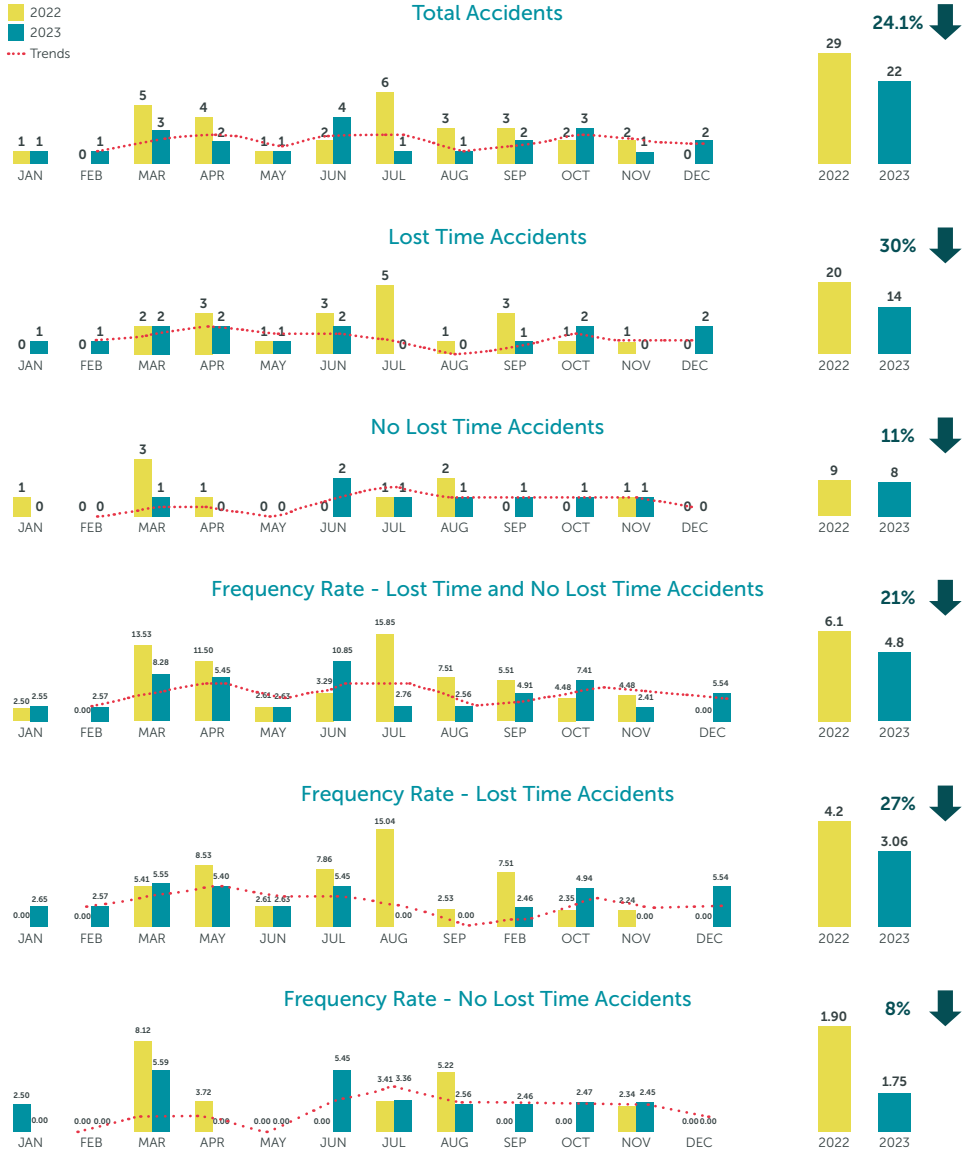
The safety culture is being strengthened through other activities, such as periodic Occupational Health and Safety Governance meetings, which involve superintendencies and the executive board. In these meetings, indicators are presented and decisions are made aimed at the continuous improvement of processes.

The company adopted Occupational Safety as a value and created an awareness campaign for OHS issues with the slogan *Safety is a choice! Mine, yours and of those around us.* The campaign addressed important topics throughout the year, such as traffic safety and issues related to machine downtime.

GRI 403-9, EU18

Results

In 2023, as shown in the graphs on the side, there was a reduction in the frequency rate of work accidents with and without time off by 21% and a reduction in the total number of work accidents by 24.1%. The reduction occurred in both lost time accidents and no lost time accidents, representing one of the first results of the Occupational Safety Transformation Program.



Norte Energia employees and outsourced workers - Pimental HPP.

Occupational Risk Management Programs

We implemented a number of initiatives to manage occupational risks across the company. One of these initiatives is the continuous improvement of the method to identify, evaluate and control existing occupational risks. This process was developed in partnership with the consultancy DSS+ as part of the Occupational Health and Safety Transformation and Culture Program, scheduled for completion in 2024.

In relation to regulations, the Occupational Health and Safety sector inspected more than 16 thousand regulatory items throughout 2023. During this inspection, more than three thousand issues pointed out in the inspection were identified and resolved. These actions covered both service providers and Norte Energia's work fronts.

Summary of inspection figures according to the Equator Principles consolidated in 2023:

- **16,006** OSH requirements
- **assessed 1,351** service fronts and inspected documents
- **3,467** issues identified
- **89.67%** of non-conforming actions, corrected

In order to adapt and continuously improve occupational health and safety processes, we hired specialized consultants. As a result, five studies were prepared, validated and delivered. They will require planning of preventive, corrective and maintenance actions to inhibit risks that may evolve into the occurrence of an accident or occupational disease. **[EU18]**

Focusing on Occupational Risk Management, training was carried out regarding regulatory standards: 05, 06, 10, 12, 18, 33 and 35, in addition to training on specific work procedures, focusing on preventing the risk of accidents and occupational diseases.

To add to the actions to promote and engage workers in the occupational health and safety management system, we strengthen our actions through Cipa (Internal Accident Prevention Committee). Through this dialogue and relationship channel, worker representatives participated in field inspections, received information on all incidents, investigation results and improvements implemented in periodic and extraordinary meetings, and were informed of each update to hazard identification and risk assessment of the OSH programs - Risk Management Program (RMP) and Occupational Health Medical Control Program (PCMSO), which are available for consultation by all workers. **[GRI 403-2 e GRI 403-3]**

CIPA members hold regular monthly meetings and in specific cases.

In the event of serious accidents, extraordinary meetings are held. The CIPA has complete independence and autonomy in its decisions. Deliberations are recorded in the meeting minutes accepted and executed by the organization. **[GRI 403-4]**

With regard to outsourced companies, Norte Energia monitors the creation and management of the CIPAs of all subcontractors, in accordance with current legislation.

The Internal Accident Prevention Committee (Cipa) has a channel for interaction with Norte Energia employees in Altamira and Vitória do Xingu: the email address cipa@norteenergiasa.com.br. Through this point of contact, employees can send questions, suggestions or complaints related to the prevention of accidents and illnesses at work. The messages are analyzed and responded to by Cipa. **[GRI 413-1]**

In the case of workers from contracted companies, all subcontracted organizations have the RMP, which includes the risk inventory of the activities under their responsibility.

Norte Energia has its own Occupational Health and Safety team, which carries out daily inspections to assess compliance with the control measures provided for in the RMP and compliance with legal requirements. Daily inspections also aim to identify the emergence of new risks during the execution of activities and propose changes in processes or implementation of improvements, which are later inserted or updated in the risk inventory matrix, making the process organic and of continuous improvement. **[GRI 403-2]**

Equipment maintenance.

GRI 403-3 | GRI 403-6

Workers' Health

Specifically regarding Worker Health care, Norte Energia has a specialized team in the area, responsible for managing the PCMSO.

At the company's outpatient clinic, located at the Belo Monte HPP, this team plays a fundamental role in the operationalization of health-related actions. This includes executing occupational examination schedules, providing assistance and emergency care, as well as conducting health and vaccination campaigns to ensure the well-being of workers. At the same time, they are responsible for holding Security Dialogues, which address health issues, both with company employees and third parties. In 2023, 75 health dialogues were held in the offices in Brasília, Pará and at the plant.

During the year, we carried out a vaccination campaign against influenza, which immunized a total of 527 people, in the Brasília and Pará offices, including internal employees, their dependents and service providers.

There was also monitoring of chronic cases through the Quality of Life and Absenteeism Management Program. In 2023, 599 sick notes were registered.

Regarding services, 455 occupational and 9,368 assistance services were carried out.

Another activity carried out is the coordination of the Ergonomics Working Group. The Group aims to mitigate ergonomic dysfunctions in workstations, which contributes to improving the quality of working life and preventing accidents and occupational diseases. Throughout 2023, assessments and acquisitions were carried out, such as the installation of ergonomic tables and stools to improve working conditions in the electrical gallery of the powerhouses and in the machine generator in Belo Monte. The proposed improvements were validated and implemented by maintenance teams, which contributed to a safer and healthier work environment. **[GRI 403-7]**

In 2023, there were no records of Occupational Diseases. **[GRI 403-10]**

GRI 403-9, IF-EU-320A.1

Occupational Health and Safety Indicators

The year 2023 was marked by the primary nature of the operation and maintenance processes of the Belo Monte HPP plants. That resulted in an increase in the number of men per hour worked in relation to Norte Energia's internal activities. However, when compared to 2022, there was stability in the Men-Hours of Risk Exposure indicator. This occurred due to the decrease in Man-Hours of Risk Exposure related to service agreements. The following tables and graphs represent the 2023 health and safety indicators. 2022 Data are also presented for comparison purposes

GRI 403-9

2022

	Employees	Workers who are not employees
Number of hours worked	809,614	3,985,501
Number of deaths resulting from accidents at work	0	1
Rate of deaths resulting from accidents at work	0	0.25
Number of accidents at work with serious consequences (except deaths)	0	0
Rate of accidents at work with serious consequences (except deaths)	0	0
Number of mandatory reporting accidents at work	1	28
Rate of mandatory reporting accidents at work	1.24	7.03

2023

Number of hours worked	1,091,122	3,482,055
Number of deaths resulting from accidents at work	0	1
Rate of deaths resulting from accidents at work	0	0.29
Number of accidents at work with serious consequences (except deaths)	0	0
Rate of accidents at work with serious consequences (except deaths)	0	0
Number of mandatory reporting accidents at work	2	21
Rate of mandatory reporting accidents at work	1.83	6.03

Note: Rates were calculated based on 1,000,000 hours worked.

EU21

Emergency Management

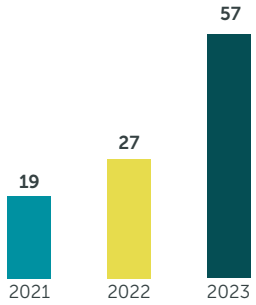
The Belo Monte HPP Complex has an emergency brigade that operates 24 hours a day, seven days a week, covering an area of approximately 130 km^2. This area includes the Belo Monte and Pimental plants, dams, dikes, municipal access roads and surrounding areas. Additionally, the team frequently travels beyond this area to support communities in the region that are far from the emergency resources of the cities, often facing fires and other types of emergencies.

In 2023, the Emergency Brigade worked at the Xingu substation, in Anapu/PA, providing support to local companies in controlling a fire that could have had serious consequences for the National Interconnected System (SIN).

With the strong effects of the El Niño phenomenon intensifying the drought in the Northern Region of Brazil in 2023, the Belo Monte Hydroelectric Power Plant Emergency Brigade fought 57 forest fires in the region of the project. This was the highest number recorded since Norte Energia began recording data in 2019. To illustrate the severity, in October 2023, 22 incidents were attended to, surpassing the total of 19 fires recorded throughout 2021. Many of these fires directly affect neighboring communities, which have agricultural activities close to the complex.

The brigade's actions in various situations ensured the continuity of family businesses, reducing the impacts of climate events typical of the region and contributing to the preservation of local livelihoods.

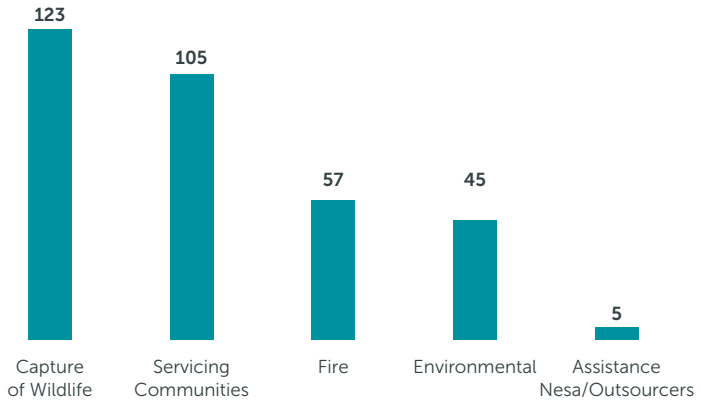
Record of Forest Fires that occurred in the last three years



Norte Energia carries out essential work to raise awareness and prevent the dangers of fires during the dry season. Fires generally occur during the Amazon summer, from June to December. There is higher incidence between August and November, representing 80% of forest fire occurrences during that period.

In addition to fires, the brigade also responds to other emergencies, such as wildlife capture, environmental emergencies, assistance and removals. In 2023, the brigade responded to 335 emergency calls, almost a daily occurrence, with 105 services provided to communities.

Incident Report • Total 2023



Care for riverside communities, located in the Xingu River Reduced Flow Stretch, is provided in partnership with the municipal health system. Norte Energia provides ambulances equipped with Advanced Life Support and first responders for transfers and pre-hospital care, if necessary. The main services and removals include snakebite accidents, traumatic injuries, traffic accidents and medical emergencies of all types.

8 PLANET

GRI 3-3 RELATIONSHIP WITH LOCAL COMMUNITIES AND INDIGENOUS PEOPLES, GRI 3-3 GENERATION OF SHARED VALUE, GRI 3-3 BIODIVERSITY, GRI 3-3 WATER MANAGEMENT, GRI 3-3 DAM SAFETY, GRI 3-3 CLIMATE CHANGE, GRI 3-3 EFFICIENCY IN ENERGY GENERATION AND TRANSITION, GRI 305-1, GRI 305-2, GRI 305-3, GRI 305-4, GRI 305-5, GRI 304-2, GRI 304-4, GRI 304-3,GRI 303-1, GRI 303-2, IF-EU-140A.3, 303-3, 303-5, IF-EU-140A.2, GRI 303-4, GRI 306-1, GRI 306-2, GRI 306-3, GRI 306-4, EU21, GRI 201-2

Photovoltaic plant in Altamira.

In 2023, we continued with independent initiatives, such as the implementation of the Altamira Photovoltaic Plant (São Joaquim), the Green Energy Project in Xingu (solar energy and electric mobility), the commercialization of international renewable energy certificates (I-REC - International Renewable Energy Certificates), the BNDES Living Forest *matchfunding*, and several research, development and innovation projects aimed at reducing greenhouse gas (GHG) emissions. **[IF-EU-110a.3]**

In 2023, we recorded 19,678 tCO_2 equivalent of greenhouse gas (GHG) emissions associated with energy supply. **[IF-EU-110a.2]**

For the second year in a row, we have taken inventory of our greenhouse gas emissions and begun developing a plan to reduce them. At the same time, we invested in renewable energy research, development and innovation and strategies to combat climate change.

Through partnerships with other private sector companies, we also invest in projects to ensure the quality and availability of water in the Xingu River basin, a resource that is so important for people, the planet and for the country's energy generation. **[EU8]**

ENVIRONMENTAL **MANAGEMENT**

In line with its Sustainability Policy, the management of socio-environmental issues is conducted by the Presidency of Norte Energia and has a Superintendence dedicated exclusively to the environmental licensing process of the project, which works with the competent government agencies to meet legal requirements.

The structure of the Social and Environmental Superintendence and the Indigenous Component also includes multidisciplinary management and teams, formed by specialized professionals who work in synergy with other areas of the company, such as Sustainability. Risks, opportunities and other strategic issues related to socio-environmental issues are reported to the Environment Committee and the Board of Directors, reflecting the commitment of senior management to ensuring compliance and the consequent implementation of good practices. **[GRI 3-3 Relationship with Local Communities and Indigenous Peoples]**

Integrated Management System (IMS)

Norte Energia operates an Integrated Management System (IMS), based on ISO 14001 and that establishes procedures and enables monitoring performance indicators and ensuring continuous improvement in social and environmental performance. **[GRI 3-3 Generating shared value]**

ESG Indicators Management System (SIESG)

SIESG was structured and implemented by Norte Energia in 2023 and has been consolidating itself as a tool to collect and manage integrated ESG and sustainability information and indicators in accordance with GRI Standards, SASB, Aneel, among others. Responsibility for entering data into the system is shared between different areas of the company.

Operation License

The legal compliance of Norte Energia's activities is certified by the competent environmental agency responsible for issuing and monitoring the Operating License. On July 16, 2021, the company filed a formal request with Ibama to renew the Belo Monte HPP Operating License, complying with the deadline stipulated in the legislation and in the environmental licensing process. Ibama has not yet commented on this request. Until its manifestation, in accordance with the terms of Complementary Law 140/2011 and CONAMA Resolution 237/1997, **the license remains in force**.

The license established 36 conditions, totaling 71 actions. Of these, 20 have been completed and validated by Ibama; 15 have been completed and are awaiting validation by the competent bodies; 36 are being completed, which, to a large extent, are made up of permanent actions to be carried out throughout the concession period. During the 5th Annual Technical Seminar with the environmental agency, held in Brasília in April 2023, we presented the results and indicators of the commitments executed throughout the year by Norte Energia. As a result of the effort undertaken to ensure compliance of its operations, in 2023, as in the four previous fiscal years, there were no fines from Ibama for non-compliance with conditions.

Thus, Norte Energia has been complying with the environmental licensing conditions for the project, while reaffirming its commitment to transparency, respect for people and the environment, and the sustainable development of the region where the hydroelectric plant is installed.

Equator Principles

Every quarter, an independent external auditor visits our company and region to verify our compliance with the Equator Principles, which are a set of criteria adopted by the banks that financed the plant, referenced in the International Finance Corporation (IFC) Performance Standards on Environmental and Social Sustainability and in the World Bank's Environmental, Health and Safety Guidelines. The reports that demonstrate compliance with the requirements and demands established based on the identification and assessment of environmental and social risks at the Belo Monte HPP, have been published since 2011 and are available at **https://www.norteenergiasa.com.br/sustentabilidade/relatorios-e-publicacoes**.

GRI 3-3 GENERATING SHARED VALUE, GRI 3-3 RELATIONSHIP WITH LOCAL COMMUNITIES AND INDIGENOUS PEOPLES

Social and Environmental Commitment

The execution of actions that are part of the environmental conditions of the Basic Environmental Project (PBA) and the Basic Environmental Plan of the Indigenous Component (PBA-CI), as well as the current license, continued to be met throughout 2023.

Norte Energia has made progress in developing its socio-environmental actions since the beginning of the project in 2010, when it planned an initial investment of BRL 3.7 billion. By 2023, this amount had already exceeded BRL 7 billion.

In addition to this resource directed towards socio-environmental obligations, the company also invested in the Xingu Regional Sustainable Development Plan (PDRSX), which covers ten municipalities in the Belo Monte HPP region, with an investment of BRL 265.3 million from 2010 to 2023.

Specifically in 2023, Norte Energia spent BRL 504 million on social and environmental actions and BRL 4.2 million on projects via PDRSX.

Vessels on the Xingu River.

The company's investments in licensing actions over the period 2010-2023 cover several social sectors:

HOUSING

Six Collective Urban Resettlements (RUC) were built in Altamira. These RUCs have the capacity to house 3,850 families and have sanitation infrastructure, drinking water, electricity, a school and a health unit. In addition to urban resettlements, the following were implemented: a Collective Rural Resettlement (RRC) and a Resettlement in Remaining Area (RAR).

HEALTH

The company invested in the construction and renovation of hospitals, such as the Altamira General Hospital, the Vitória do Xingu hospital and the Anapu hospital. In addition, 31 Basic Health Units (UBS) were built and equipped in municipalities in the area directly influenced by the Belo Monte HPP.

BASIC SANITATION

Around BRL 700 million were allocated to basic sanitation projects, which include water and sewage networks in several municipalities in the area directly influenced by the plant. As an example, we can mention Altamira/PA, which is currently one of the cities with the highest sanitation rate in the country, with around 90% of the population covered.

EDUCATION

The company completed 78 education projects, including renovations, expansions and construction of schools, which serve more than 29 thousand students.

Young indigenous person.

SAFETY

Since the start of construction on the Belo Monte hydroelectric plant, the company has invested around BRL 163 million in public security, mainly to equip the local police force.

SOCIAL ASSISTANCE

The company supports social assistance actions, especially for the 162 resettled and migrant families, which includes social and psychological services.

INDIGENOUS COMPONENT

BRL 1.1 billion was invested in actions with indigenous peoples and lands in the area covered by the Belo Monte HPP, for the construction of 31 basic indigenous health units, 21 schools, 80 flour mills, 33 water supply systems, among others.

GRI 3-3 BIODIVERSITY GRI 304-1, GRI 304-2, GRI 304-4

BIODIVERSITY

Acting in the conservation and preservation of biodiversity and natural environments in the area of influence of the Belo Monte HPP is a strategic priority aligned with our Sustainability Policy. In 2023, we continued our participation in relevant forums, such as the Biodiversity Technical Chamber (CTBio) and the Amazon Working Group (GT), both CEBDS bodies, as well as in the Environment GT of the Brazilian Association of Electric Energy Generating Companies (Abrage). These bodies promote the sharing of information and knowledge and support institutional articulations on various fronts related to climate, biodiversity, social impact, water resources, issues related to the Amazon and *advocacy* in general.

In 2023, we witnessed the growing relevance that the topic of biodiversity has been gaining on a global scale, especially since the Kunming-Montreal Global Biodiversity Framework, an agreement signed at the United Nations Conference on Biodiversity (COP15) — held in Montreal, Canada, in 2022.

To leverage our management on this topic, we joined the CEBDS Action for Nature Platform. The initiative was created in partnership with the World Business Council for Sustainable Development (WBCSD) and the Taskforce on Nature-related Financial Disclosure (TNFD). The goal is to help companies identify and manage their impacts and dependencies, accelerating business solutions that preserve nature. To that end, we are participating in the Energy and Infrastructure Sector Group of the pilot project to apply the first stage of the TNFD methodology.

Additionally, we have joined Business for Nature's Call to Action initiative, a movement calling for collective action to reverse nature loss by 2030. These actions reflect our commitment to being an active agent in the conservation of biodiversity and ecosystem services.

Within the scope of environmental licensing, we monitor vulnerable and threatened species listed internationally by the International Union for Conservation of Nature (IUCN) and nationally by Ordinance No. 148/2022 of the MMA.

The operation of the Belo Monte HPP does not directly affect any

Frog: *Dendropsophus leucophyllatus.*

Conservation Unit (CU). In the area of indirect influence, there is the Refúgio de Vida Silvestre (REVIS) Tabuleiro do Embaubal. It is an area of 4,033.94 hectares, located in the municipality of Senador José Porfírio, in the state of Pará, managed by the Ideflor-bio. In a partnership with the management body and the licensing body, we have developed specific monitoring, management and environmental education actions in this conservation unit. In addition, we offer logistical support with vessels, power generators and fuel for inspection activities on site and along the Amazon turtle migration route in the Lower Xingu River.
[GRI 304-1]

The assessment of biodiversity value is a responsibility of the CU's management body, the Pará State Institute for Forestry and Biodiversity Development (Ideflor-bio). As there is still no management plan for this CU, there is no information on this issue.

There are no records of the inclusion of the Tabuleiro do Embaubal Wildlife Refuge (REVIS) in the aforementioned international protection lists (IUCN

Protected Area Management Categories System and Ramsar Convention). However, it is relevant in national legislation, as it is a Full Protection Conservation Unit created by State Decree and recognized in the National System of Conservation Units (Snuc).

Furthermore, the area is considered one of the largest turtle spawning sites in the Amazon, housing species such as the Amazon turtle, the *tracajá* and the *pitiú*. This characteristic gives REVIS an exceptional value for the conservation of biodiversity and justifies its legal protection.

The Tabuleiro do Embaubal REVIS plays an important role in protecting endangered species and maintaining the biodiversity of the Amazon. It is of great importance for nature conservation in Brazil.

The Terrestrial and Aquatic Ecosystem Conservation Plans, which are part of the environmental conditions for licensing the Belo Monte HPP, are essential to minimizing impacts on biodiversity. Faunistic and floristic studies and monitoring are carried out there, prioritizing the identification of species and mapping *habitats*, with special attention to rare, endemic and endangered species. **[GRI 2-25, GRI 304-2]**

The results of monitoring carried out in 2023 indicated changes in terrestrial and aquatic ecosystems in proportions compatible with or smaller than those predicted in the Environmental Impact Assessment (EIA). Based on this information, we adopt measures to avoid, reduce, mitigate, repair and/or compensate for the identified impacts, as provided for in the environmental licensing. **[GRI 2-25]**

It is worth noting that there was no introduction of invasive species, pests or pathogenic agents during the implementation and operation of the Belo Monte HPP. What has been observed so far are five exotic species in the fauna monitoring areas. All are associated with the historical human presence in the region, related to the use and expansion of agriculture and livestock, as well as hunting activities. The recorded species are: ox (*Bos indicus*), buffalo (*Bubalus bubalis*), horse (E*quus caballus*), pig (*Sus scrofa domesticus*) and domestic dog (*Canis lupus familiaris*). **[GRI 304-2]**

Sunset at Xingu river.

Fauna

As for the monitoring of terrestrial fauna, throughout the licensing process the Belo Monte HPP carried out 24 field campaigns until 2023. These campaigns included the observation of amphibians, reptiles, birds, medium and large mammals, as well as bats, in the sampling modules implemented by Norte Energia and in the boulders along the Xingu River bed.

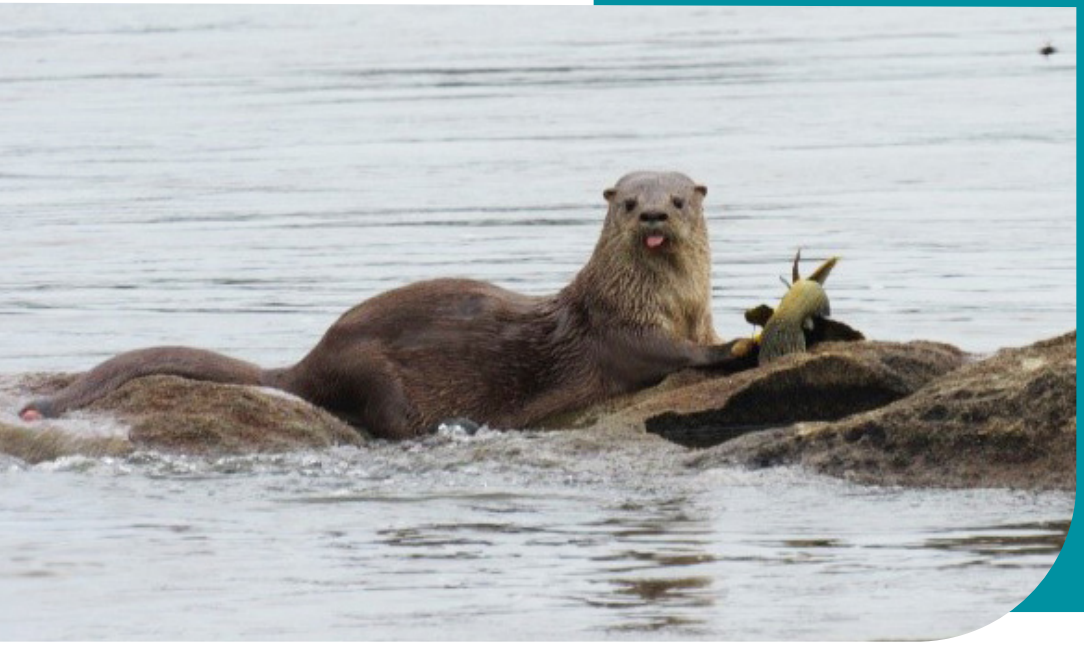
Fauna sampling[1]

Well-designed, long-term sampling programs are required to get accurate results in monitoring and assessing the potential impacts of an undertaking. Costa *et al*., 2010).

Terrestrial Fauna Monitoring at Belo Monte HPP adopts the method proposed by Magnusson *et al*. (2005), a protocol with plots adapted for long-term ecological research sites (PELD component) and which simultaneously allows rapid inventories to assess biological complementarity and land use planning *Rapid Assessments Program* (RAP).

This methodology, called RAPELD, allows for proper sampling of biological communities in large sample areas, which minimizes variation in the abiotic factors that affect these communities. A module consists of two parallel five-kilometer trails, one kilometer apart from each other, with sections designed to follow the contour line; they are long (250 m) and thin. This minimizes internal variation in topography and soil, which allows these variables to be used as predictors of species distributions.

With the standardization of land parcels following the contour line, it is possible for a parcel to be entirely within the same environment, which allows determining the relation between species and environments. These relations can be used to model species distribution and make predictions for unsampled areas, as well as discounting the effect of the environment when the objective is to determine whether there has been any impact.



Otter feeding in the Xingu River.

[1]References:
COSTA, Flávia Regina Capellotto; MAGNUSSON, William Ernest. The need for large-scale, integrated studies of biodiversity-the experience of the Program for Biodiversity Research in Brazilian Amazonia, v. 8, n. 1, p. 3-12, 2010.
MAGNUSSON, William E. *et al*. RAPELD: a modification of the Gentry method for biodiversity surveys in long-term ecological research sites. Biota neotropica, v. 5, p. 19-24, 2005.

For aquatic fauna, 32 field campaigns were carried out throughout the licensing period, which focused on aquatic birds, aquatic mammals and alligators in the main watercourses and tributaries of the Xingu River. The diversity found is remarkable, with more than 800 species of vertebrates and 200 species of invertebrates recorded in the area of influence of the Belo Monte HPP.

As of 2021, within the context of the Environmental Commitment Term (TCA), signed between Norte Energia and Ibama (more information on page **110**), the monitoring of giant otters and river otters in Volta Grande do Xingu was expanded, as well as the reinforcement of sampling of fauna at the mouth of the Bacajá River. It is worth noting the identification of more groups of giant otters in the region, a species vulnerable to extinction, which has found suitable environments for feeding and reproduction in the area of influence of Belo Monte.

The involvement of local communities in those monitoring projects was significant, with the participation of residents of riverside communities along the Xingu River in the Reduced Flow Stretch of the Xingu River. Through the Guardians of Nature project, five residents were trained and took on the role of promoting environmental education actions, which aim to raise awareness among the local population about the importance of protecting ecosystems and biodiversity.

FIELD CAMPAIGNS 2023

24
OBSERVATION OF AMPHIBIANS, REPTILES, BIRDS, MEDIUM AND LARGE MAMMALS AND BATS

32
FOCUSED ON AQUATIC BIRDS AND MAMMALS AND ALLIGATORS

Guardians of Nature

Norte Energia has been monitoring the region's fauna since 2011, during the project's implementation phase. Currently, it relies on the participation of residents from neighboring communities, known as "Nature Guardians," who assist biologists in both monitoring and environmental education activities with the local population.

GRI 304-2

CHELONIANS

By December 2023, Norte Energia had protected more than 6.2 million Amazon turtle, pitiús and tracajás hatchlings. They were all born on the beaches of Tabuleiro do Embaubal, Volta Grande do Xingu and the Xingu Reservoir, and were protected through Norte Energia's conservation and management projects, an integral part of the PBA of the Belo Monte Hydroelectric Power Plant.

Monitoring carried out by Norte Energia revealed that many Amazon turtles travel long distances. Some of these turtles travel from Marajó Island to Tabuleiro do Embaubal, covering more than 800 km between feeding and spawning areas. The *tracajás* are residents of the Xingu region, reproducing on the beaches and banks close to their feeding areas.

To monitor the behavior of these animals, a satellite monitoring system was implemented for more than 100 Amazon turtles in the Tabuleiro do Embaubal region; and for *tracajás*, river turtles, in the Reduced Flow Section and in the Xingu Reservoir. Each animal was registered and equipped with a tracking device on its shell, which allows analyzing their lifestyle and migration habits. The main objective of this monitoring was to map the feeding and reproduction areas of these species.

GRI 304-2

ICTIOFAUNA

Norte Energia develops conservation, monitoring and mitigation actions aimed at fish and fishing through the Ichthyofauna Conservation Program, part of the Belo Monte PBA.

The following projects are in progress:

- Ichthyofauna Rescue and Saving Project
- Project to Implement and Monitor a Mechanism for Fish Transposition
- Ichthyofauna Monitoring Project, and
- Sustainable Fishing Incentive Project

Shark Acari: *Scobinancistrus raonii.*

The actions of the Ichthyofauna Rescue and Saving Project have been carried out since 2012 and, daily, environmental monitoring is carried out in the operations of the spillways, in the generating units, in the escape channels, in the areas of the reservoirs, in the Reduced Flow Stretch, in the bypass channel and in the igarapés from the urban area of Altamira. When necessary, fish are rescued. In 2023, fish of 141 species were rescued, totaling 2,945.28 kg of fish rescued alive.

The main powerhouse of the Belo Monte HPP has anti-schoal grids, which since 2018 have shown very efficient results in preventing fish from entering the turbines. With regard to fish species that have a migratory behavior, the Belo Monte HPP has the Fish Transposition System (STP or "fish ladder"). System operation is carried out on a continuous basis and is interrupted only for scheduled maintenance and/or periods of prolonged drought. The Fish Transposition Mechanism Monitoring Project is coordinated and executed by the Federal University of Pará (UFPA) and aims to evaluate the performance of the system based on the result of a set of four biotic and one hydraulic monitoring. The analysis of the data obtained from 2016 to 2023 indicates that the STP has relevant representativeness of the local ichthyofauna, with 110 species captured inside STP. This number represents 69.2% of the

total richness of identified species. To learn more about the system, access **https://www.norteenergiasa.com.br/uhe-belo-monte/complexo-hidreletrico/sistema-de-transposicao-de-peixes.**

Also led by UFPA, the Ichthyofauna Monitoring Project on the Xingu River and its main tributaries reached its 48th campaign in 2023, totaling 12 years of execution. Since the beginning of the project, a total of 347,474 individuals belonging to 430 species and morphospecies, 47 families and 13 taxonomic orders have been collected. The results of the Hierarchical Modeling of Species Communities (HMSC) indicate that the installation of the Belo Monte HPP, as well as its modifications in the river's hydrology, affected the ichthyofauna in the area of influence of the project, although there is no evidence of species extinction. **[GRI 304-4]**

Vessel on the Xingu River and forest in the background.

Matapi - Handcrafted equipment used to catch small fish.

GRI 304-2

Discovery of new fish species in the Xingu Basin

One of the most significant results of this project is the identification of 24 new species of fish. It resulted from the direct participation of the researchers involved in the monitoring and the material made available by the research. Of these species, 18 are endemic to the Xingu River basin. In 2023, three new species were officially described: *Ancistrus luzia*, *Scobinancistrus raonii* and *Synbranchus royal*.

Furthermore, three species are at an advanced stage of description, with articles already accepted for publication, submitted or about to be submitted. Three other species had their taxonomic studies initiated in 2020, as a result of technical cooperation between Norte Energia and UFPA. Finally, the description process is underway for seven species not yet catalogued.

These findings highlight the importance of the project to expand scientific knowledge about biodiversity in the Xingu River and reinforce the continued need for environmental conservation and preservation.

Acari picota-ouro: Scobinancistrus aureatus.

GRI 304-2

SUSTAINABLE FISHING

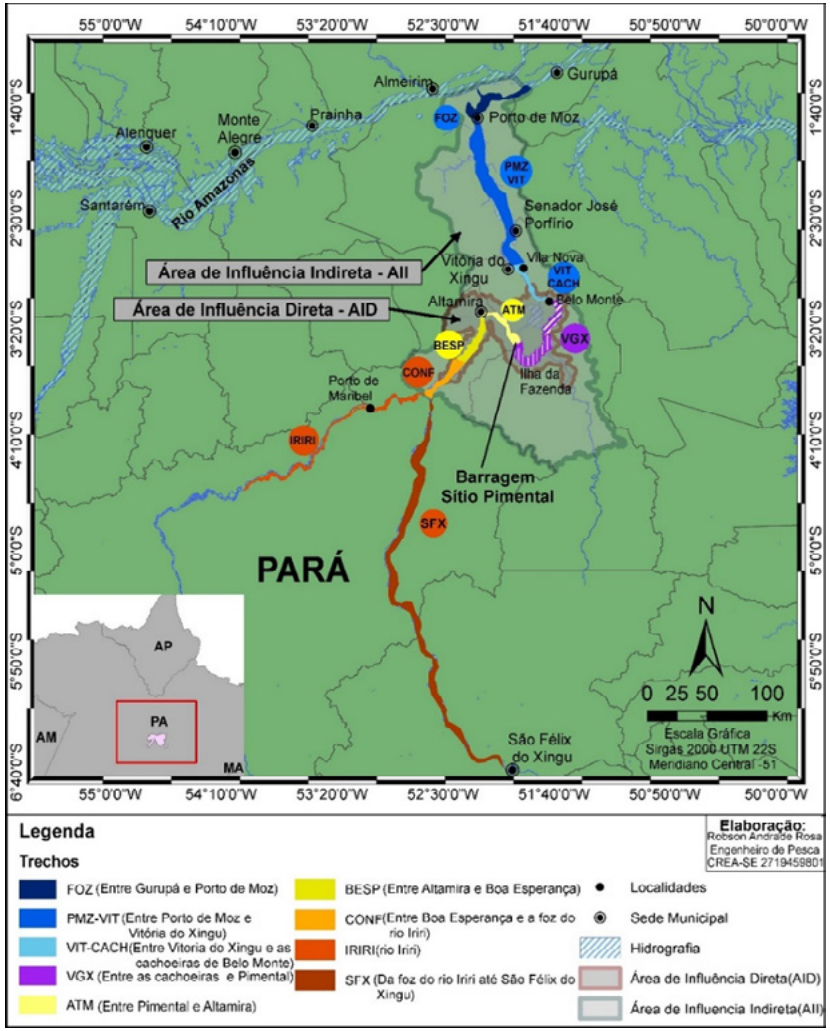
The main objective of the Sustainable Fishing Incentive Project is to assess changes in commercial and local fishing activities, both for consumption and for aquariums. It also analyzes possible changes in subsistence fishing and fish consumption by the local population. This initiative enables the implementation of mitigation measures in the region of influence of the Belo Monte HPP.

The project covers a vast area that extends from Gurupá, Porto de Moz to São Félix do Xingu, passing through Senador José Porfírio, Vitória do Xingu, Altamira to the Maribel region on the Iriri River. In this extensive area, the project has been recording information on fishing activity since April 2012.

Coordinated by researchers from UFPA, this project plays a crucial role in understanding fishing dynamics in the region.

Within the context of the Indigenous Component - PBA-CI, monitoring of fishing and hunting is carried out in the two Indigenous Lands of Volta Grande do Xingu (TI Paquiçamba and TI Arara of Volta Grande do Xingu). This broad and coordinated approach allows for a comprehensive analysis of fishing activity, which aims to ensure the sustainability of fisheries resources.

In addition to the effects of the enterprise and fishing effort, fishing yields respond to environmental variations, such as the intensity and duration of the river's hydrological pulse (measured by means of flow), as well as to differences between more and less rainy weather, or changes resulting from global climate events (El Niño and La Niña). Despite this, the social monitoring of fishermen indicated an improvement in living conditions in general in the last years. The percentage of families below the Poverty Line reached 26.47% in the first half of 2014, but as of 2020 this percentage has declined to values below 5%. In 2023, the percentage remained close to 4%.



Sampling area of the Sustainable Fishing Incentive Project. River stretches and landing sampling sites. The four color tones indicate the four monitored compartments: blue for Downstream, purple for Reduced Flow Stretch, yellow for Reservoir and orange for Upstream.

GRI 304-2

Flora

As part of its environmental commitment, Norte Energia dedicates significant efforts to the conservation of flora in the Xingu region. This is possible through the implementation of a series of projects integrated with the Terrestrial and Aquatic Ecosystem Conservation Plans. Throughout the licensing process (2011-2023), in the areas designated for suppression and collection, the company rescued and collected a total of 4,326,673 seeds and propagules.

In addition, 201,923 plant and seedling specimens were recovered, of which 97.8% were reintroduced into their*habitats*. The contribution to scientific research was notable, with the production of 19,801 exsiccates (dehydrated plant samples), of which 19,483 were made available to teaching and research institutions, boosting the advancement of botanical knowledge about the region.

In 2023, flora conservation actions in the Xingu region were maintained, through the development of projects aimed at rescuing, reintroducing, monitoring, studying and cataloging plants in the area of influence of the plant. Solid ground forests, alluvial forests and the typical vegetation of the boulders are monitored. By December 2023, 721 plant species had been identified in a participatory monitoring process involving residents of local communities. This engagement resulted in the preparation and publication, in March 2023, of the book "Natureza no Xingu: planejamento participativo da flora" (Nature in the Xingu: participative monitoring of flora), containing information on the monitoring. Available for consultation here: **https://www.nortenergiasa.com.br/media/gallery/docs/20240527-101533-595-083B$-natureza-no-xingu-monitoramento-participativo-da-flora.pdf**.

4,326,673
seeds and propagules
RESCUED AND COLLECTED

201,923
plant specimens
RECOVERED

Young participant in tree planting activity in resettlement.

GRI 304-3

PERMANENT PRESERVATION AREAS

Through the Variable APP Recomposition Project, which totals more than 26 thousand hectares, around 670 thousand seedlings were produced throughout the licensing process to be planted in the recomposition of the Permanent Preservation Areas (APP) of the Belo Monte HPP.

Birdlife of the region.

Ecological Restoration of APPs (Permanent Preservation Areas)

GRI 304-3

Amidst the landscapes of the Xingu region, meticulous and dedicated work has been carried out by Norte Energia. In 2023, we continued with the environmental licensing actions for the Recomposition of the Permanent Preservation Areas of the Belo Monte HPP.

In this process, we adopted different ecological restoration methodologies, adapting them to the unique characteristics of each area. Seedling planting was carried out using methods such as total area, nucleation and enrichment, complemented by the isolation of areas to promote natural regeneration.

During the execution period of both programs, we reached the mark of 2.6 thousand hectares recovered and/or in the process of recovery/regeneration. Among the actions carried out, we highlight the restoration of the APP of the streams intercepted by the dikes of the Intermediate Reservoir and the Xingu River, in Volta Grande do Xingu, which also includes areas belonging to third parties.

This process presents the history of opinions from the supervisory body and the number of areas recovered, with a cut-off date of December/2023.

As with all of Norte Energia's socio-environmental actions, an assessment is carried out by an independent auditor who verifies compliance with the Equator Principles.

We firmly believe that initiatives like this have the power to drive positive change and tangible solutions for biodiversity and local communities.

Sloth.

CONSERVATION UNITS

Norte Energia contributed BRL135 million to create new Conservation Units (CUs) and to support existing CUs in the Amazon region, transferring these resources to the Chico Mendes Institute for Biodiversity Conservation (ICMBio). These resources are mainly directed towards land regularization, preparation of management plans and improvement of the infrastructure of conservation units.

RECOVERY OF DEGRADED AREAS

For the environmental recovery of the areas used in the implementation of the works, we developed the Degraded Areas Recovery Program (PRAD) within the scope of environmental licensing. During the licensing process, we have already recovered an area of 1,607 hectares, producing 1,723,660 seedlings of native species. The main objectives are the landscape restoration of the areas used and the gradual rehabilitation of their ecological functions.

Forest of the Xingu region.

Environmental Education

In order to join forces with the work of conserving local flora and fauna, we seek to inform and raise awareness among the region's population about the importance of the environment, in addition to carrying out this same type of work with employees and third parties.

Community awareness initiatives are part of the Environmental Education Program (PEA), which makes up the PBA.

The program consists of a series of actions aimed at communities in the region, such as: socio-educational campaigns, training courses, lectures, workshops and socio-educational visits.

For employees and third parties, the actions make up a specific PBA (Basic Environmental Project) program: Workers' Environmental Education Program (PEAT).

The socio-educational campaigns address topics such as the characteristics of the Belo Monte HPP, biodiversity and sustainability, rational use of water resources, health education and conservation of fauna and flora. The program aimed at employees provides guidance on behavior at the service front, use of environmental emergency kits, protection of biodiversity and other various health, safety and environmental education topics in the workplace.

Also aiming at promoting awareness about the importance of preserving the environment, Norte Energia installed three Xingu Environmental Education Centers (Nucleax) in urban resettlements in Altamira. In addition to Nucleax, Norte Energia built the Xingu Regional Environmental Education Center (Creax) in the São Joaquim neighborhood. The structure is managed by a community association made up of 139 members and community leaders from municipalities in the Area of Direct Influence (AID) of the Belo Monte HPP.

Throughout 2023, PEA and PEAT actions continued to be carried out by Creax. PEA activities were directed at the population of the RUCs, RRC, RAR, Communities of the Xingu Reservoir Section and the Reduced Flow Stretch. For these activities, we count on the participation of several Stakeholders, such as representatives of universities and cooperatives.

PEAT activities involved workers linked to the project and took place at the HPP facilities and in the city of Altamira. We highlight the Training of Environmental Multipliers, which reached its 16th edition and trained technicians capable of multiplying good environmental education practices in their respective companies.

Workers' Environmental Education Program (PEAT) - 2023

Action	N. of actions	Participants	Duration (Minutes)
Environmental Dialogues	936	12,335	15,211
Environmental Training	248	3,415	8,630
Training of Environmental Multipliers	7	47	840
Campaigns	4	34	385
Action	1	22	150
Environmental Pills	4	57	-
Workshops	2	12	120
Lectures	3	26	225
Total	**1,205**	**15,948**	**25,561**

Environmental Education Program (PEA) - 2023

Actions	N. of actions	Participants
Lectures	34	607
Workshops	31	449
Exhibitions	23	833
Cineclube	8	185
Courses and Workshops	5	33
Other Activities (mobilization, dynamics, delivery of educational material, etc.)	243	4,461
Total	**344**	**6,568**

Within the scope of the environmental licensing process, we play a relevant role in the protection and monitoring of APPs (Permanent Preservation Areas) through our Environmental and Socio-Patrimonial Management Plan (PGASP). This plan not only aims to identify, avoid and curb third-party activities with potential negative impact on these areas, but also to promote preventive and proactive actions to minimize conflicts, protect the environment and constantly dialogue with local communities. **[GRI 304]**

In addition to the objectives mentioned, PGASP also seeks to **[GRI 304]:**

- Minimize conflicts between different uses and low-impact activities in the APP.
- Protect, recover and conserve environmental and socio-patrimonial heritage.
- Establish procedures for orderly access and sustainable use of the Xingu reservoir.
- Constantly interact with environmental agencies and other agents.
- Promote a culture of environmental protection and engage communities in protecting the APP.

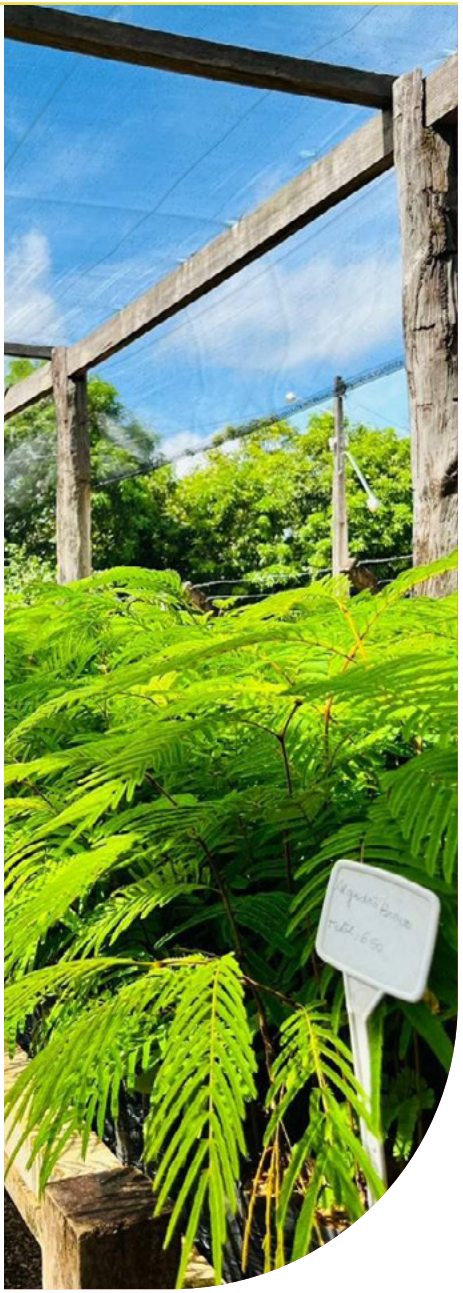
With a total area of 26 thousand hectares, the plant's APPs are fundamental for the quality of the water and the aquatic ecosystem of the reservoirs. A variable range was established to guarantee their protection and maintenance. **[GRI 304]**

In addition to the PGASP, we developed the Project for Monitoring Mining Activities in the Volta Grande region of the Xingu River. The project data support government actions to combat illegal mining. **[GRI 304]**

In 2023, we strengthened our partnership with Ibama, which aims to curb environmental crimes such as deforestation, wildlife trafficking and illegal mining in the area of influence of our enterprise. **[GRI 304]**

Regarding partnerships with public institutions for the protection of biodiversity, we provide logistical support to the Institute for Forestry and Biodiversity Development of the State of Pará (Ideflor-bio). The Institute monitors the breeding areas of Amazon turtles in the lower Xingu River, which contributes to the protection of the Tabuleiro do Embaubal Wildlife Refuge (REVIS). **[GRI 304]**

Due to the communication and relationship channels established with local communities and our regular presence in the field to carry out PBA activities, we record and forward to the competent public bodies information received about possible environmental degradation actions. **[GRI 304]**



Nursery of native forest seedlings from the region.

GRI 303-1, GRI 303-2, GRI 304-2, GRI 3-3 WATER MANAGEMENT

WATER

Caring for water, a shared and vital asset for everyone, as well as for Belo Monte operations, is a material topic and a priority for Norte Energia. To ensure the preservation of the water quality of the Xingu River, we carry out continuous monitoring work through our Water Resources Management Plan.

This plan encompasses a series of studies and activities aimed at collecting data and analyzing water bodies in the region influenced by the Belo Monte HPP. Our objective is to understand the biotic and socioeconomic aspects, including the behavior of fauna, flora and local communities, in relation to the hydrodynamics of the region. The results are regularly reported to the control bodies.

One of the fundamental projects in this plan is Limnological Monitoring and Surface Water Quality. This project, implemented to monitor possible changes in water quality due to environmental changes resulting from the construction and operation of the plant, is carried out on a weekly, biweekly, monthly and quarterly basis. Over the past 12 years, these monitoring efforts have provided a comprehensive and detailed understanding of the region.

Since the beginning of the works, more than 75 thousand surface water samples have been collected for analysis of physical-chemical and bacteriological parameters, from upstream of the Xingu Reservoir to downstream of Belo Monte, in the Xingu River and Reservoir, as well as in the Bypass Channel, Intermediate Reservoir and Bacajá River. Collections are still carried out in the urban streams of Altamira.

Since the beginning of monitoring until 2023, more than 10,000 measurements of groundwater levels were taken in wells at 101 different points. Around 2,500 sample collections were also carried out to monitor groundwater quality.

The results of this monitoring have been consistent: the Xingu River maintains its classification as a Class 2 water body, as established by the National Environmental Council through Conama Resolution No. 357/2005. This means that its waters can be used for various purposes, such as domestic supply after conventional treatment; recreation (such as swimming, diving, etc.); fishing; irrigation and breeding of aquatic species for human consumption. Annually, we send reports to Ibama and ANA with hydrological, climatological and water quality data, in order to fulfill our obligation, as established in the environmental licensing.

Maintaining water quality is a direct result of interventions carried out by Norte Energia in Altamira. In addition to the actions to remove vegetation in the reservoirs, we improved the water supply system and implemented collection networks, pumping stations and a sewage treatment plant. These initiatives provided basic sanitation and quality of life for more than 90% of the local population at the time the actions were implemented in 2018.

In 2022, a Term of Commitment was signed with the Municipality of Altamira for the transfer of basic sanitation assets built by the company for the municipal government, which took over management of the asset from January 2023.

75,000
surface water samples

+

2,500
groundwater samples
COLLECTED FOR MONITORING

+ 10,000
measurements
OF GROUNDWATER LEVELS

GRI 3-3 WATER MANAGEMENT, EU 140A.3, GRI 304-2

WATER MANAGEMENT IN VOLTA GRANDE DO XINGU – HYDROGRAM

The hydroelectric project on the Xingu River has undergone a series of adaptations since its conception 40 years ago. This journey was marked by a process of studying and improving the project, aiming at reducing risks and minimizing social, environmental and economic impacts. One of the significant changes was the redefinition of the initially planned flooded area, which was substantially reduced, from approximately 18,300 km² to the current 478 km². This reduction ensured that no indigenous land was flooded.

As part of the licensing process, the Environmental Impact Assessment (EIA) for the Belo Monte HPP presented ten possible flow scenarios (hydrographs) for the Reduced Flow Stretch (TVR). The Brazilian State decided to apply the scenario that predicted the Consensus Hydrograph, composed of the annual alternation between hydrographs A and B. This was the scenario that presented the best conditions to guarantee the country's energy production and socio-environmental aspects, in order to preserve biodiversity and ways of life in Volta Grande do Xingu.

As part of the project's arrangement, which has been in full operation since November 2019, the Reduced Flow Stretch was established downstream of the Pimental plant dam. It covers approximately 100 km of the more than 1,900 km long Xingu River.

Although the concession contract and environmental licensing provided for testing of the Hydrogram after six years of full operation, that did not occur. As of 2019, Ibama requested other minimum flows for the Reduced Flow Stretch. Due to negotiations with the licensing body, the Environmental Commitment Term (TCA) was established in February 2021. This instrument provided for the execution of the Consensus Hydrogram, with the application of hydrogram B. This was done through the adoption by Norte Energia of additional mitigation and compensation measures for Volta Grande do Xingu and the preparation of Complementary Studies. During this period, as provided for in the aforementioned Commitment Term, the entrepreneur carried out complementary studies and implemented additional mitigation and compensation measures in the Reduced Flow Stretch.

Island in the Xingu region.

Also in 2021, Norte Energia completed and delivered the requested complementary studies to the environmental agency. In December 2023, Ibama had not yet completed the analysis of the studies submitted.

Despite this, the Federal Prosecution Service filed a Public Civil Action on the subject. Norte Energia, Union and Ibama filed requests for Suspension of Preliminary Injunction - SL with the TRF1ª Região (case no. 1024049-88.2021.4.01.0000 and no. 1024046 36.2021.4.01.0000). When assessing the aforementioned Suspensions, the Presidency of the TRF1st Region issued a decision to maintain the application of Hydrogram B, as established in the TCA.

Therefore, in 2023, we continued applying hydrogram B and implemented the additional mitigating and compensatory measures provided for in the TCA, besides the conditions provided for in the environmental licensing for the Volta Grande do Xingu region.

The company has been providing the environmental agency with information on the topic, as well as promoting an ongoing agenda of technical meetings and institutional interactions and interactions with local communities.

The operation and water management rules are specified in the so-called hydrographs A and B, which were established by the Brazilian State within the scope of the concession auction.

Belo Monte complex bypass channel.

GRI 3-3 GENERATION OF SHARED VALUE

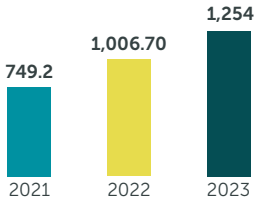
Environmental Commitment Term

Within the scope of the Environmental Commitment Term (TCA) nº 03/2021-GABIN, Norte Energia carried on executing the actions planned. Among the most significant advances, we highlight the restoration of vegetation in an area of 103.11 hectares. The objective is to reestablish its functions in the ecosystem, especially the ability to provide resources.
for aquatic fauna.

In order to enhance communication with Reduced Flow Stretch communities, in 2023, 15 more satellite internet antennas were installed, bringing the total to 103 antennas installed by the company in Volta Grande do Xingu.

The activities of the Project to Strengthen Environmental Inspection in the State of Pará have been completed. More than 3,000 flight hours have been made available since 2021; in 2023 alone, 1,254 flight hours were made available to support Ibama in inspection operations.

Project to Strengthen Environmental Monitoring in the State of Pará - flight hours made available



Number of VGX community services

Indicator	2021	2022	2023	TOTAL
Doctor appointments	1,563	3,858	4,432	**9,853**
Nursing care	1,207	4,521	4,473	**10,201**
People who attended health talks	590	2,171	1,821	**4,582**

The revitalization of sewage systems was carried out in five locations, adding to sanitation efforts and improvements in water supply.

In the area of strengthening productive activities, technical assistance continued to families eligible for the project. In partnership with the municipalities, actions were carried out to improve land access to Volta Grande do Xingu.

As part of the support for public health actions in VGX, improvements were made to the infrastructure of three UBSs (Basic Health Units), construction of a UBS, donation of three "boat ambulances" and donation of four ambulances between 2021 and 2023. We also provide quotas for medicines and resources to pay health professionals to work in primary care, in support of the public health policy of the municipalities in Volta Grande do Xingu. Those actions contributed to the increase in services, consultations and guidance lectures given to the population (according to the table Number of services provided to VGX communities). Likewise, malaria control actions enabled an important "Zero Malaria" result in 2022 and 2023. in the Reduced Flow Stretch region, area covered by the Environmental Commitment Term.

GRI 3-3, GRI 303-1, GRI 303-3, GRI 3-3 WATER MANAGEMENT

COLLECTION

Water collected from the Xingu River for human consumption is treated at Norte Energia's Water Treatment Plants (ETA), in accordance with Ordinance GM/MS No. 888/2021, before being used. The volume of water collected is measured by hydrometric reading. **[GRI 303-1]**

The water supplied to the Jatobá and Perimetral offices in Altamira and to the Brasília office is the responsibility of the municipal water supply company, that is, it is supplied by third parties. Norte Energia estimates the volume of water consumed in these offices based on standard NBR 5626, which defines the requirements for design, execution, operation and maintenance of cold water and hot water building systems.

The supply of groundwater is only carried out at the office on Avenida Tancredo Neves, in Altamira, and its volume was also estimated as recommended by NBR 5626.

Total water withdrawal in all areas, broken down by the following sources • GRI 303-3

2023	
Source	**Water Volume (in Megaliters)**
Surface water	15.59
Groundwater	5.58
Sea water	0
Produced water	0
Third parties water	8.78
Total water collection	**29.94**

*For the estimated calculation, the following were considered:

- Water flow: the ABNT NBR 5626 standard was adopted - Requirements for design, execution, operation and maintenance of cold water and hot water building systems. This ABNT technical standard considers that each person consumes 150 liters of water/day.

- Total number of workers: survey carried out on the number of workers in each Norte Energia office. Perimetral, Tancredo, Jatobá offices and the Brasília office: data was provided by Norte Energia's HR.

For each office, the formula applied considers the total number of workers per month x consumption per person per day (NBR 5626) + 20% (which considers the fluctuation of workers per office). The volume calculated in liters was converted to cubic meters.

Total water collection in all areas separated by the following categories: fresh water and other types of water (total dissolved solids ≤1,000 mg/L) • GRI 303-3

2023	
Source	**Water Volume (in Megaliters)**
Fresh water	29.94
Other types of water (total dissolved solids >1,000 mg/L)	0 ML

Aerial photo of Ilha da Fazenda.

GRI 3-3 WATER MANAGEMENT, GRI 303-5, EU 140a.2

CONSUMPTION

Drinking water consumption is monitored daily by a contracted company based on readings from water meters installed in all the WTPs at the Belo Monte and Pimental HPPs. The contracted company issues weekly reports on the operation of the WTPs.

In 2023, we recorded an increase in water consumption due to the reduction in the discharge of sanitary effluent (find out more on page **113**).

Total water consumption of all areas and total water consumption of all areas with water stress • GRI 303-5

Water consumption*	All areas	All areas under water stress
2022		
Total water consumption (megaliters)	8.3 ML	0 ML
2023		
Total water consumption (megaliters)	15.07 ML	0 ML

*The data were compiled and estimated, considering the ABNT NBR 5626 standard - Requirements for design, execution, operation and maintenance of cold water and hot water building systems. This technical standard considers that each person consumes 150 liters of water/day. The calculation considers the total number of workers per month x consumption per person per day (NBR 5626) + 20% (which considers the fluctuation of workers per office). The volume calculated in liters was converted to cubic meters. Drinking water consumption at CHE Belo Monte is obtained daily from readings of water meters installed at all WTPs.

The reduction achieved is mainly due to the following factors:

1 Optimizing the Use of WTPs:

The WTP 100, responsible for the largest volume of water, is being progressively less used due to the advance of the demobilization of some structures, such as Block A and the National Force Accommodation, which were supplied by this WTP. As a result, the volume of water supplied has been gradually reducing.

2 Correction of Leaks in the Distribution Network and Bathrooms:

We carry out work to identify and correct leaks in both the water distribution network and the bathrooms. This initiative was essential to prevent waste and reduce water losses. By investing in fixing these leaks, we not only promote more efficient water management, but we also contribute to the sustainability and responsible use of this vital resource.

3 Awareness and Combating Waste:

We implemented awareness programs among employees and users in order to combat water waste. This initiative promoted a change in behavior and encouraged more responsible use of this vital resource.

Regarding deviations in water consumption, we recorded occurrences of deviations only in February 2023, It concerned the apparent color and turbidity parameters. The deviations were duly addressed and, as of March, they comply with legal requirements, according to Ordinance No. 888/2021 of the Ministry of Health**[IF-EU-140a.2]**

Water Stress [GRI 303-3]

Water stress is a condition in which the demand for water exceeds the amount available or accessible in a given region or area. This can result from a number of causes, including increased demand due to population growth, industrial activities, intensive agriculture, climate change, poor water management and other human activities.

When there is water stress, resources can become scarce. This can negatively affect the availability of water for human, agricultural, industrial and ecological uses. This can lead to problems such as shortages of drinking water, reduced agricultural production, degradation of aquatic ecosystems, increased conflicts over water use and socioeconomic impacts.

Water stress is a growing global concern, especially in areas where water availability is already limited or decreasing due to factors such as climate change and poor management. Therefore, it is important to implement sustainable water management practices and promote awareness about responsible use to mitigate the impacts of water stress.

The Amazon region is not characterized by an area of water stress, as is the case in the region influenced by the Belo Monte Complex. However, we know how important everyone is in the economy of water use and the role of companies and industries in this scenario. For this reason, we are vigilant and working to reduce our consumption.

GRI 303-2, GRI 303-4, GRI 3-3 WATER MANAGEMENT

DISPOSAL

Monitoring of the treatment of sanitary and industrial effluents is carried out monthly by collecting and analyzing analytical reports for each environmental control system. Furthermore, maintenance and cleaning schedules are strictly observed to ensure the proper operation of effluent storage and treatment structures, in accordance with the guidelines established by Conama resolution 430/2011.

Norte Energia uses as a reference the guidelines of the World Health Organization (WHO) and the World Bank for the disposal of effluents in places where there are no specific requirements. **[GRI 303-2]**

In 2023, Belo Monte achieved efficiency rate of 96.61% for the treatment of sanitary effluents and 97.96% for industrial effluents. During operations, lubricating and insulating oils are predominantly used in turbines and transformers, in addition to oily and sanitary effluents, which undergo treatment, in accordance with current legislation.

Priority substances are defined based on an analysis of risks to human health and the environment. The potential for soil and water contamination, as well as persistence and bioaccumulation, are considered. This definition is based on Conama resolutions 357/2005 and 430/2011, ABNT NBR 10.004:2004, Ordinance MS 888/430/2011, Ordinance MS 888/2021, standards of the National Water Agency (ANA), the Equator Principles and the Standards of the International Financial Corporation (IFC).

Norte Energia has an Internal Standard called Process Instruction IP-PR-046-2019, which deals with the Management of Liquid Effluents. This document establishes:

- That effluents must comply with the Resolutions of the National Environmental Council (Conama) and the Performance standards of the International Finance Corporation (IFC);
- Carry out monthly monitoring of effluent quality in a laboratory accredited by Inmetro.

[GRI 303-2]

Priority substances that require greater attention include lubricating oils, mineral and synthetic insulators, oily effluents and sanitary effluents.

Regarding sanitary effluents' deviations, occurrences were only recorded in February 2023, specifically for the oil and grease parameter. As for industrial effluents, there were deviations in January and February 2023, related to the parameters of sulfide, oils and greases. However, all deviations were duly addressed and, as of March, the parameters were once again in compliance with the legislation established by Conama 430/2011.

Total water discharge in all areas in megaliters, broken down by destination • GRI 303-4

	2022	2023
Source	**Water Volume (in Megaliters)**	**Water Volume (in Megaliters)**
Surface water	30.26	14.87
Groundwater	-	**0**
Sea water	-	**0**
Produced water	-	**0**
Third parties water	**11.11**	**0**
TOTAL	**41.37**	**14.87**

Total water discharge in all areas separated by the following categories: fresh water and other types of water (total dissolved solids ≤1,000 mg/L) • GRI 303-4

2023	
Source	**Water Volume (in Megaliters)**
Fresh water	14.87
Other types of water (total dissolved solids >1,000 mg/L)	**0 ML**

[GRI 306-1, GRI 306-2, GRI 306-3, GRI 306-4, 306-5]

WASTE

Norte Energia adopts appropriate waste management, prioritizing prevention, reuse and circularity in the value chain. Learn how these principles are applied in our operations:

Prevention and Management Measures

We take proactive measures to minimize waste production and manage its impacts:

- Adoption of sustainable practices and responsible purchasing;
- Implementation of internal reuse programs and process optimization to reduce waste generation;
- Hiring specialized companies for collection and final disposal, which guarantees compliance with environmental criteria; and
- Reuse of materials whenever possible, which contributes to reducing waste and conserving resources.

Commitment to Transparency

Solid waste management at the Belo Monte HPP is carried out by a third-party company selected through a process that assesses its experience, technical qualifications and commitment to sustainability, in accordance with internal procedure (Work Instruction - IT-PR-311): "Segregation, storage and disposal of waste". The contracted company is regularly monitored and evaluated, which ensures that all activities are in compliance with contractual and legal obligations.

The contracted company provides waste storage equipment at the necessary points. It also provides adequate and qualified labor and logistics to ensure continuous service at the points determined throughout the agreement.

In addition to collections, the executor is responsible for operating the waste center, where the following activities are planned: waste sorting, temporary storage of class I and II waste, organization of the area and final disposal in the sanitary landfill.

There is also control over the receipt of Disposal and Destruction Certificates, when applicable. All waste generated is controlled and monitored through specific documents. These documents will be registered and will provide full support for system control.

Final Destination Technologies

The contracted company uses various final disposal technologies, such as sanitary landfills, recycling, incineration and other recovery operations. The choice of technology is made based on technical, legal and economic viability criteria, which guarantees adequate waste treatment.

Solid Waste Management Plan (PGRS)

We have an RMP that covers all stages of the process, from segregation at source to transportation and final disposal of waste. This plan is essential to ensure that all activities are carried out in an environmentally correct manner.

Results and Ongoing Commitment

Responsible waste management at the Belo Monte HPP showed positive progress in 2023, in most of the categories mentioned.

Quantitative data provides insight into the impact of waste management practices, as set out in the appendix on page **180**.

GRI 3-3 CLIMATE CHANGE

Climate strategy

The renewable nature of the energy generated in Belo Monte and its insertion in the Amazon make combating climate change a strategic material issue for the company. Therefore, it is present in the analysis and decision-making processes of senior management.

Climate-related guidelines are part of our Sustainability Policy. The Superintendence of the same name is responsible for reporting to the Executive Board and the Board of Directors on the developments of commitments, initiatives and actions that contribute to combating climate change.

Strengthening climate governance mechanisms, the Sustainability Committee, which is transversal and multidisciplinary in nature, advises senior management in assessing climate issues.

Norte Energia's climate strategy, in turn, advanced and in 2023 we started preparing the Plan for Decarbonization and Combating Climate Change, considering management, monitoring and data collection to assess GHG emissions. This will enable the definition of goals based on science and adhering to the commitments of the UN 2030 Agenda. **[GRI 201-2]**

In 2023, the Sustainability Superintendence was part of the delegation of the Brazilian Business Council for Sustainable Development (CEBDS) at the 28th United Nations Climate Conference (COP 28) on climate change, which took place in in Dubai, United Arab Emirates. This was a unique opportunity to gain greater knowledge and identify best practices to fight and mitigate climate change.

Climate risks

Weather conditions can impact the operation of Belo Monte, especially if they cause low flows in the Xingu River. A reduction in the water level would directly affect the power generation capacity of the project. **[GRI 201-2]**

For this reason, in our Risk Matrix, we have identified the following risk factors in the context of climate change:
1. Impacts on the flow of the Xingu River that are inconsistent with those predicted in hydrological studies that supported the generation and physical guarantee of the Belo Monte HPP;
2. Operational limitation caused by environmental restriction resulting from climate change;
3. Atmospheric discharges that affect the operation;
4. Extreme floods or droughts that impact dams;
5. Reporting aspects of climate risks that impact image and reputation;
6. The multiple uses of water and the different interests related to this natural resource.

Norte Energia was present at COP 28.

In 2023, we signed a Cooperation Agreement with the Terra do Meio Network (previously called the Cantinas Network).

Terra do Meio is a vast region of forest and traditional populations, located in the Xingu River Basin, in southwest Pará, between the Xingu and Iriri rivers.

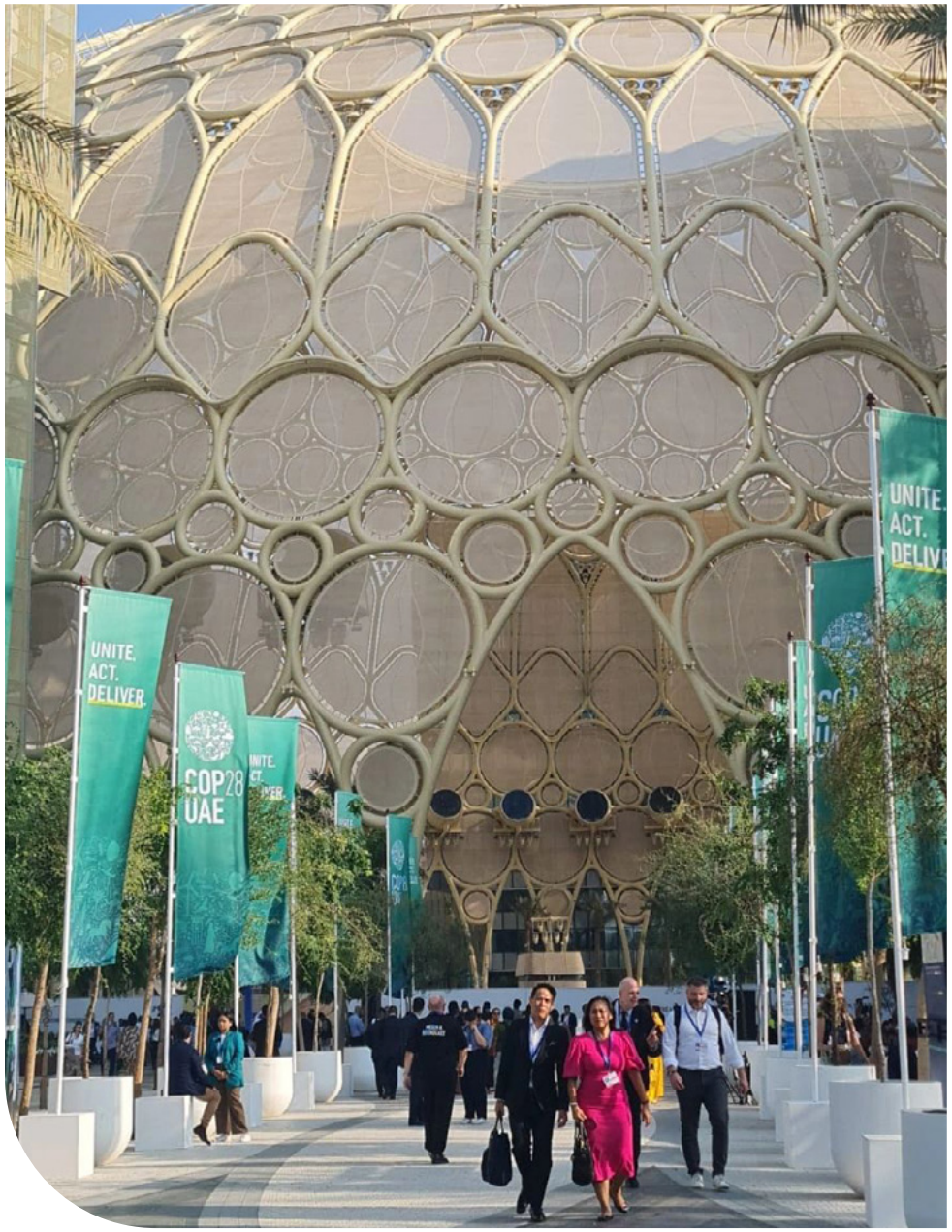
The Terra do Meio Network includes: Association of Residents of the Rio Xingu Extractive Reserve (Amomex); Association of Residents of the Riozinho do Anfrísio Extractive Reserve (Amora), Association of Residents of the Rio Iriri Extractive Reserve (Amoreri); Rio Iriri-Maribel Extractive Association (Aerim), AITEX, Pyjahyry and IBKrin.

Formed by traditional communities and indigenous peoples, this collective works to protect the mosaic of lands known as Terra do Meio, which makes up the well-known "Green Corridor" or "Ecological Corridor of the Xingu River Basin".

According to the 2021 report "Indigenous Peoples, Traditional Communities and Forest Governance" by the Food and Agriculture Organization of the United Nations (FAO) and the Fund for the Development of Indigenous Peoples of Latin America and the Caribbean (FILAC), indigenous peoples and traditional communities around the world are responsible for protecting 80% of the planet's biodiversity. Based on this finding, the report recommends that governments, climate financiers, the private sector and civil society invest in initiatives that strengthen the role of indigenous peoples and traditional communities in forest governance. This means strengthening forest peoples so that they can remain there and continue to protect biodiversity there.

Aware of this context, this recommendation and the role of these Stakeholders in combating climate change, we established the partnership with the Network.

Through the Cooperation Agreement, in 2023 we invested BRL 387,860.00 in strengthening the Network's governance. The resource made available was intended to support the 9th Extractivism Week, at the Terra do Meio Meeting, and to support the distribution of part of the nut production.



Norte Energia was present at COP 28.

GRI 201-2, GRI 3-3 CLIMATE CHANGE

Effects of Climate Change on the Electricity Sector

According to the World Meteorological Organization (WMO), the 2023-2024 El Niño phenomenon is one of the five strongest ever recorded in history. This phenomenon has a known impact of reducing rainfall in the North and Northeast regions of Brazil and increasing rainfall in the South region.

El Niño 2023/2024 officially began in June 2023, but since April the Pacific Ocean has already shown positive anomalies that began to influence rainfall in Brazil.

Despite the phenomenon only beginning in June, the flow of the Xingu River showed negative deviations in relation to its historical average (1931-2023)* from May onwards. The most significant deviations were recorded in the Oct-Nov-Dec quarter, in which the flow rate showed a deviation of -50% from the average. This quarter coincides with the most intense of the phenomenon, which exceeded the +2.0°C anomaly threshold in December.

During 2023, the Aneel research, development and innovation project PD-07427-0222/2022, entitled "Characterization of extreme precipitation events in SIN basins and future projections based on climate change scenarios", made progress towards its objectives of identifying, analyzing and projecting climate extremes in Brazilian river basins.

The project made progress in identifying climate extremes for the 115 river basins tributary to the hydroelectric plants that make up the SIN, specially focusing on the Xingu basin. By using Artificial Intelligence techniques, especially *Machine Learning*, as a support tool, the analysis covered natural factors such as the El Niño and La Niña phenomena, and anthropogenic factors, such as changes in land use and the construction of reservoirs.

By verifying the relationship between extreme flow and precipitation events, together with natural and anthropogenic factors, trends were identified in the flow series and land use. The most significant correlations were found between drought severity and minimum annual streamflow, indicating that a decrease in minimum natural streamflow is associated with an increase in extreme drought events. Furthermore, when considering the influence of anthropogenic factors, the analysis of the correlation between land uses, such as deforestation and the conversion of areas to agriculture, suggests that these changes are contributing to the reduction in flow in modified areas.

Another advance in the research was the generation of precipitation projections, considering scenarios with different levels of greenhouse gas emissions. These scenarios, based on the*Coupled Model Intercomparison Project Phase 6* (CMIP6), were applied in two distinct periods: historical (1979-2014) and future (2015-2060), with regionalization in three different domains.

The projections, especially detailed in the Xingu river basin, considered variables such as temperature and wind, in addition to the implementation of a proprietary rainfall-runoff model based on neural networks. The results of these projections will provide essential information to understand future climate change, including scenarios of varying emissions and a more accurate view of expected climate conditions through 2060. Projections revealed variations in precipitation trends between 2024 and 2060 in different basins, with some indicating an increase and others showing a decreasing trend in precipitation.

The system relies on continuous updates of data from the ANA network of meteorological stations and the National Institute of Meteorology (Inmet). Additionally, further analytics and new

***Average considered from 1931-2023 with tributary flow data, by ONS, from the Belo Monte measuring station.**

GRI 304-3, EU8

Living Forest

functionality are under development to help the power sector effectively interpret future climate projections.

These advances were presented at scientific events for the electricity sector, such as the XXVII National Seminar on Electric Energy Production and Transmission (SNPTEE), held from November 26 to 29, 2023, in Brasília/DF. The expectation for 2024 is to continue developing the project, advance in stages and deepen knowledge, especially in relation to the Xingu River basin. The project is scheduled for completion in January 2025.

In addition to investing in research, development and innovation in the sector, in 2023 we continued our partnership with BNDES, Energisa and Fundo Vale to support reforestation actions in the Xingu River basin. Through Living Forest, the Xingu Call for Proposals was launched to receive projects to be implemented in the basin.

Through the Living Forest Program, we renew our commitment to ecological restoration. In partnership with BNDES, in a *matchfunding* proposal, we invested BRL 5 million in 2023 to reinforce the protection of the Xingu Hydrographic Basin. Added to the BRL 5 million from BNDES and the amounts contributed by other partners Energisa and Fundo Vale, there are over BRL 26 million to be invested in projects in this basin.

The Xingu River Basin Call for Proposals was launched in September 2023 in Belém/PA. Also in 2023, the process to select projects that proposed to carry out ecological restoration actions and strengthen the production chain in the three portions (upper, middle and lower) of the Xingu River began. The selection process is conducted by the Brazilian Biodiversity Fund (Funbio), a managing partner selected through a Public Call for Proposal promoted by the BNDES.

This partnership plays a fundamental role in the region's forestry and climate agenda and will contribute to the mitigation of climate change and the preservation of biodiversity. For more details about this collaboration and its positive impacts, visit **https://www.bndes.gov.br/wps/portal/site/home/desenvolvimento-sustentavel/parcerias/floresta-viva**.

Launch event of the Xingu Call for Proposals of the Living Forest Program.

GRI 3-3 EFFICIENCY IN ENERGY GENERATION AND TRANSITION, EU8

Green Energy in Xingu

The Green Energy in Xingu project aims to expand access to renewable energy to communities and reduce greenhouse gas (GHG) emissions.

Through this project, in 2023 we continued to provide renewable energy from photovoltaic solar energy generation to replace energy generation from fossil fuels (generators) in the Kaniamã and Jaguar indigenous communities of Volta Grande do Xingu, benefiting 15 families, 72 indigenous people.

Still within the scope of the Green Energy Project in Xingu, investment in electric mobility was continued. The objective is to enable technology to replace vessels powered by fossil fuels with vessels powered by electric propulsion.

In 2023, specialized studies were carried out in partnership with UFPA to develop prototypes of two vessels, one measuring eight meters and the other ten meters. Equipment for electric propulsion was acquired on the national and international markets; in addition, two electric charging stations were implemented to recharge the electric batteries.

Green Energy in Xingu - Floating photovoltaic panels

Tests being carried out on a 100% electric vessel.

GRI 3-3 CLIMATE CHANGE, GRI-305-1, GRI 305-2, GRI 305-3, GRI 305-4, GRI 305-5, GRI 305-6, GRI 305-7, IF-EU-110A.1, IF-EU-110A.2, F-EU-110A.3

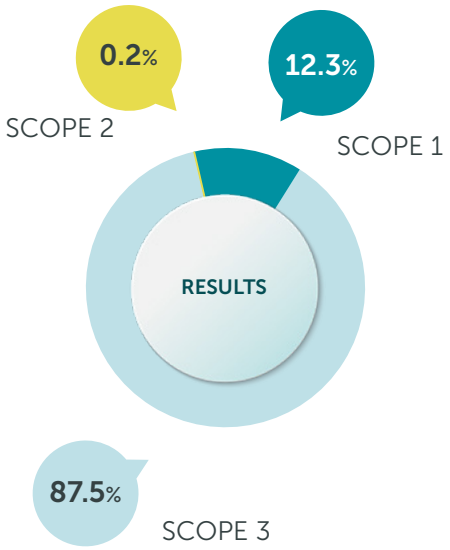
Atmospheric emissions and combating climate change

Generating 100% renewable energy and carrying out activities with low levels of greenhouse gas (GHG) emissions demonstrate the Company's positive role in combating climate change and contributing to a clean and renewable energy matrix.

Seeking to reinforce the fight against climate change, the Company carried out and published its second greenhouse gas (GHG) emission inventory in 2023, referring to the year 2022, following the operational control approach and guidelines of The Greenhouse Gas Protocol - GHG Protocol (WBCSD/WRI, 2011), from ABNT NBR ISO 14064-1 and IPCC (2006), which was duly verified by independent auditors. Upon publication in 2023, Norte Energia was certified with the Gold Seal of the Brazilian GHG Protocol Program (PBGHG). It also obtained the first emissions inventory for the year 2021. The inventory is available for consultation on the Norte Energia **website** (**https://www.norteenergiasa.com.br/sustentabilidade/relatorios-e-publicacoes**).

For the year 2023, Norte Energia prepared its third GHG inventory, which identified a total of 11,219.31tCO_2e emissions distributed across Scopes 1, 2 and 3 (Figure 1). Considering only Scopes 1 and 2, for which reporting is mandatory, 1,404.49 tCO_2e were emitted.

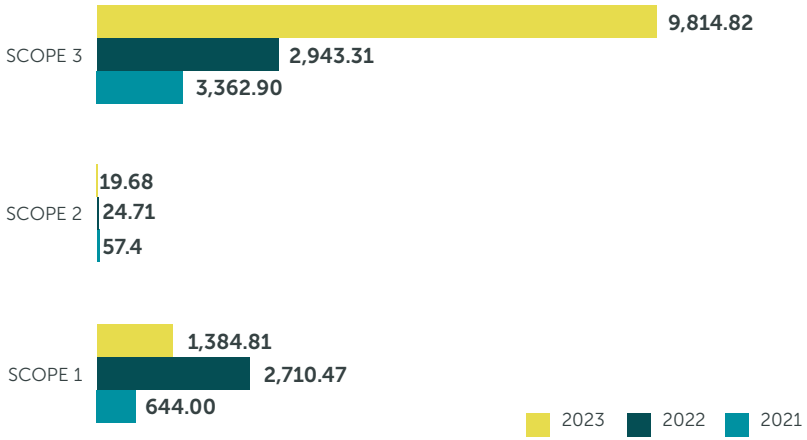
Representativeness of GHG emissions by scope in tCO_2e



Furthermore, it is reported that, in terms of biogenic emissions, 1,431.49 tCO_2e were mapped during the period, distributed in Scopes 1 and 3, and 250.98 tCO_2e of non-Kyoto gases (corresponding to Gas R-22 in the category of fugitive emissions of Scope 1).

Regarding the evolutionary scenario of emissions mapped by Norte Energia – disregarding biogenic emissions –, below, it is possible to view the historical series for the three-year period from 2021 to 2023, by scope.

Emissions 2021 - 2023 (tCO_2e)



As shown in the graph above, compared to 2022, there was a reduction in Scope 1 (-48.9%) and Scope 2 (-20.4%) emissions in contrast to the increase in Scope 3 emissions (+233.5%). **[GRI 305-5]**

Spillways and Powerhouse of the Pimental HPP.

For Scope 1, the most representative direct emissions are related to *Fugitive Emissions* (45.73% of the total for this scope) which in 2023 had a 66.73% reduction due to the adoption of water or dry chemical powder extinguishers and other improvements. For this scope, the other categories that had associated emissions, as well as their respective percentages in relation to the total of this scope, were: *Stationary combustion* (19.53%), *Mobile Combustionl* (30.94%). Mobile combustion emissions were reduced by 32.34% because of incentives to use ethanol.

Regarding Scope 2, the SIN Annual Average Factor was 0.0385 tCO_2e/MWh and the total electricity consumption was 500.79 MWh, distributed between the Belo Monte and Pimental HPPs, the Altamira and Brasília offices, among other locations for which Norte Energia is responsible for electricity consumption. Thus, such consumption resulted in the emission of 19.68 tCO_2e.

In the previous year's inventory, Scope 2 emissions were 24.71 tCO_2, meaning there was a 20.36% reduction in 2023. It is important to highlight, however, that the SIN emission factor in 2022 was 0.0426 tCO_2 e/MWh, that is, 9.6% higher than the 2023 factor (0.0385 tCO_2 e/MWh), which contributes to the reduction of emissions associated with electricity consumption.

Regarding Scope 3 (whose reporting is not mandatory in light of the PBGHG methodology), the largest source of emissions consists of logistics covered by the *transportation and distribution category (upstream)*. This refers to the transportation of service providers outsourced by Norte Energia, corresponding to 64.1% of the total scope inventoried in 2023. In terms of variation, the most representative change in relation to the inventory for the year 2022 is in the *Employee displacement,* category. It increased 1,141.2% due to the increase in the number of employees, as well as because of their greater adherence to the survey that was applied in 2023. For this category, the percentage of emissions in relation to the Scope 3 universe was 25.64%.

Other categories and activities of indirect (Scope 3) GHG emissions included in the calculation do not apply. **[GRI 305-3]**

Likewise, according to the GHG Emissions Inventory for the year 2023, no emissions of ODS, NOX, SOX were identified in our value chain. **[GRI 305-6 e GRI 305-7]**

Still for scope 3, the other categories that had associated emissions, as well as their respective percentages in relation to the total of this scope, were: *Fuel and energy-related activities not included in Scopes 1 and 2* (1.50%), *Waste generated in operations* (0.53%) and *Business travel* (8.28%).

Gases included in the calculation in tCO_2 equivalent, in scope 3:

- CO_2 = 9,566.91
- CH_4 = 78.57
- N_2O = 168.34
- Biogenic emissions = 1,258.13 tCO_2 equivalent.

Intensity GRI 305-4

From the emissions survey, it is possible to identify the intensity of emissions based on the net generation of electric energy achieved by Norte Energia (Belo Monte HPP) in the year inventoried.

The indicators are obtained through the ratio of net energy generated and the amount of emissions from scopes 1, 2 and 3. In 2023, the Company generated 31,317,141.88 MWh and emitted 11,219.31 tCO2e. Thus, Norte Energia's emissions indicator in 2023 was 0.000358 tCO_2e/MWh.

The evolution of the emissions indicator is shown in the table below. In it, it is possible to observe an increase of 132.47% in the emissions intensity indicator in relation to 2022. That is mainly due to the increase in emissions for the Scope 3 categories - *Transportation and distribution (upstream)* and *Employee displacement (home - work)* and the decrease in the volume of net energy generated.

Evolution of the GHG emissions indicator tCO_2e/MWh)

2021	2022	2023
0.000127	0.000154	**0.000358**

The low emission intensity of the undertaking demonstrates the high efficiency of the operation of the Belo Monte HPP in the generation of energy with low emission of greenhouse gases. Compared to reference values of intensity of emissions from energy generating sources, released by the Intergovernmental Panel on Climate Change (IPCC), published in 2014, on Renewable Energy Sources and Mitigation of Climate Change(see table on page **123**), it is possible to verify how effective Belo Monte is as a generator of renewable energy.

Renewable Energy Certificates (I-REC)

I-REC- International Renewable Energy Certificates are titles that prove that the electricity consumed comes from a renewable source, but do not necessarily need to be linked to a specific energy supply contract.

By acquiring I-RECs, companies can neutralize Scope 2 emissions (indirect emissions from energy consumption) from their Greenhouse Gas Emissions Inventories, within the scope of the Brazilian GHG Protocol Program. In 2023, Belo Monte HPP sold 1,384,97 I-RECs. Further information in the link: **https://www.norteenergiasa.com.br/mercado-livre-de-energia#beneficios-certificados.**

I-REC STANDARD

Emissions from reservoirs and spillway of Belo Monte HPP GRI 305-3

Norte Energia, in order to improve robustness, transparency and bring innovation to information related to climate issues, presents the GHG emissions from gas flows (CO_2, CH_4 an N_2O) in the reservoirs of the Belo Monte HPP, in the Reduced Flow Stretch (TVR) area. It also presents the gases that escape from the water (*degassing*) when they pass through the project's turbines and spillways.

Such information was obtained through the Research, Development and Innovation project "Development of a Methodology for the Calculation of Greenhouse Gas Emissions in the Reservoir of the Belo Monte HPP", together with the Alberto Luiz Coimbra Institute of Post-Graduation and Research of Engineering, Federal University of Rio de Janeiro (Coppe/UFRJ).

Considering the emissions from Norte Energia's corporate inventory for 2023 of 11,219.31 tCO_2e, referring to scopes 1, 2 and 3 and annual average of net emissions from R&D at Coppe/UFRJ, of 268,538.41 tCO_2e, the total net emissions were 279,757.72 tCO_2e.

Considering the net energy generation of Belo Monte HPP in 2023 of 31,317,141.88 MWh, there is an intensity of emissions corresponding to 0.009291302 tCO_2e/MWh (or 9.29 gCO_2e/kWh).

The Belo Monte HPP Emissions Intensity rate was also compared to the rates of other energy sources. The Climate Change *2014 document:* Mitigation of Climate Change, which forms part of the Fifth Assessment Report (AR5), Annex III, of the Intergovernmental Panel on Climate Change (IPCC), published in 2014, presents the Emissions Intensity Indices from other sources. It is noted that due to its high hydroelectric energy production and its run-of-river reservoir with reduced flooding area, emissions intensity of the Belo Monte HPP, of 9.29 g CO_2/kWh, is lower than the average for the hydroelectric source and is at a similar or lower level than other renewable sources, for example, solar and wind.

Life cycle GHG emissions by electric energy generation source (g CO_2 eq/.kWh)

Source	Minimum	Average	Maximum
Mineral coal	740	820	910
Natural gas	410	409	650
Geothermal	6	38	79
Hydroelectric	1	24	2200
Dedicated biomass	130	230	420
Nuclear	3.7	12	110
Concentrated solar	8.8	27	63
Photovoltaic solar	18	48	180
Onshore wind	7	11	56
Offshore wind	8	12	35
Ocean	5.6	17	28

Source: IPCC, 2014

GRI 302-4

Moving Towards a Greener Future

Norte Energia continues its journey towards a greener and more sustainable future. As part of our good ESG practices, we launched the **#VáDeEtanol,** program, which promotes the use of biofuel in the shared vehicle fleet. Replacing gasoline with ethanol reinforces our commitment to reducing greenhouse gas (GHG) emissions and preserving the environment.

This program goes beyond choosing the fuel; it represents an attitude of respect for the planet, starting with the engagement of our employees. Each member of the Norte Energia team plays an essential role in this process. When filling up the company's cars, prioritizing the use of ethanol and being part of this movement.

Promoting the use of biofuel is one of our ongoing efforts to support the UN 2030 Agenda and the Sustainable Development Goals (SDGs).

GRI 3-3 DAM SAFETY, EU 21

DAM SAFETY

Norte Energia employee monitoring the structures of the Belo Monte complex.

As established by federal legislation No. 12,334/2010, modified by Law No. 14,066/2020, which regulates dam safety in Brazil, the Belo Monte Hydroelectric Power Plant operates in accordance with a Dam Safety Plan (PSB) and an Emergency Action Plan (PAE), in collaboration with the Civil Defense of the surrounding municipalities.

The PSB is regularly monitored by Aneel and is supported by a computer system dedicated to dam safety management. This plan includes monitoring 2,640 instruments of 12 different types, which assess the integrity of concrete structures (including water intakes and spillways), as well as dikes and dams.

To complement monitoring, we use an autonomous boat equipped with sonar and sensors for underwater inspections. Additionally, we have implemented recent technologies to improve the accuracy of monitoring, which includes identification QR Code identification of instruments, geodetic monitoring with robotic total stations, aerial inspections with drones and *online* transmission of rainfall data by rain gauge stations.

Continuous monitoring of structures, as required by Aneel Normative Resolution No. 1,064/2023, guarantees the safety of structures. In the last Regular Safety Inspection, carried out in 2023, in accordance with Aneel Normative Resolution No. 1,064/2023, all structures were classified as 'Regular', which indicates the absence of anomalies that compromise safety.

To strengthen our practices, we have specialized consultants and started a pilot instrumentation automation project in 2023 to obtain real time data.

New technologies increase dam safety

Norte Energia is committed to safety and innovation in its operations. In 2023, we introduced RoboMAX for dike and dam maintenance, an automated machine specialized in cutting undergrowth. This initiative replaced the use of manual brush cutters, which reduced employees' exposure to accident risks and reduced the emission of polluting gases by up to 33%. With RoboMAX, we reinforce our commitment to employee safety, innovation and sustainable practices.

Within the scope of the Emergency Action Plan (PAE), we highlight the project to modernize the Emergency Notification System (SNE) in the Self-Rescue Zone (ZAS) of the project. In addition to installing 34 high-performance sirens, we implemented a "connectivity" alternative for more than 350 ZAS residents, distributed across ten communities. That initiative not only strengthens the safety of the Belo Monte HPP emergency management system, but also generates social benefits for local communities, which demonstrates our continued commitment to safety and social development. **[GRI 403-1]**

RoboMAX being prepared for its undergrowth cutting activities.

Winning 1st place at the 5th International Symposium on Rockfill Dams in 2023 highlights our commitment to technical excellence and socio-environmental responsibility.

Norte Energia underwent a technical evaluation carried out by the Brazilian Dams Committee (CBDB) and the Chinese National Committee on Large Dams (Chincold), which every three years select and recognize projects of great importance and technical innovations.

The criteria considered the project's innovations, both in construction and operation, good operational performance, and attention to social and environmental aspects. According to international experts, by being recognized with the award, the Belo Monte HPP serves as an example and becomes a reference in the energy sector.

Belo Monte was the only project recommended by the Brazilian Dam Committee to represent Brazil. Among the 13 international projects selected, it won first place, standing out on a global scale as a reference in the construction of rockfill dams, a term used to designate the agglomeration of earth and rocks used to support a water dam.

Norte Energia employees receiving awards at an event.

9 PROSPERITY

GRI 2-25, GRI 3-3 POLITICAL, SOCIAL, ECONOMIC AND REGULATORY SCENARIO GRI 3-3 RELATIONSHIP WITH LOCAL COMMUNITIES AND INDIGENOUS PEOPLES, GRI 3-3 GENERATION OF SHARED VALUE, GRI 3-3 INTEGRITY AND COMPLIANCE, GRI 3-3 EFFICIENCY IN ENERGY GENERATION AND TRANSITION, GRI 413-1, EU20, EU22, GRI 411-1, GRI 2-28, GRI 2-6, GRI 2-15, GRI 204-1, GRI 308-1, GRI 308-2, GRI 408-1, GRI 409-1, GRI 414-1, GRI 207-1, GRI 201-4, GRI 207-2, GRI 207-3, GRI 201-1, GRI 203-1

Family living in Volta Grande do Xingu.

GRI 2-6, GRI 204-1

MAIN **SUSTAINABILITY** ACTIONS

GRI 2-6, GRI 204-1, GRI 3-3 GENERATION OF SHARED VALUE

Regional socioeconomic development: social responsibility actions

BELO MONTE EMPREENDE

In 2023, we moved forward with the Belo Monte Empreende Program, a partnership between our company and the Amazon Entrepreneurship Center – CEA, to train a new generation of entrepreneurs capable of developing sustainable businesses in the Belo Monte HPP region.

Program areas of activity

- TOURISM
- COCOA
- CULTURAL EXPRESSIONS
- SUSTAINABLE MANAGEMENT
- GASTRONOMY
- URBAN SOLUTIONS
- SUSTAINABLE FASHION
- DIGITAL SOLUTIONS

The program is made up of four macro-phases (Awakening, Pre-Acceleration, Demoday and Acceleration). In 2023, we held several in-person workshops, which provided participants with access to knowledge taught by experts from various production chains worked on in the program. Since its inception, over 550 people have participated, with a significant 62% representation of women.

Young participants in the Belo Monte Empreende Program.

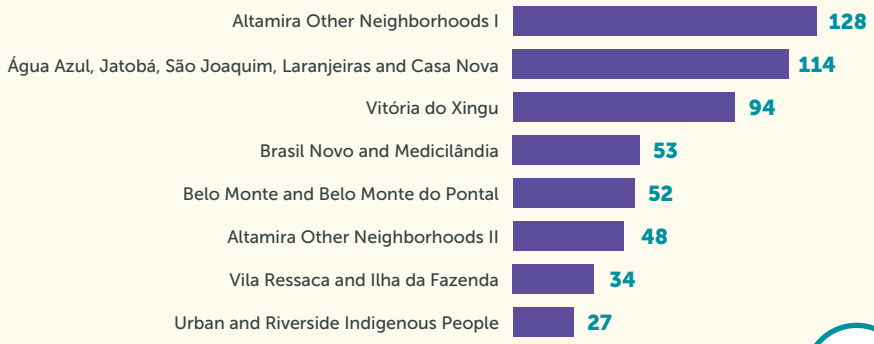
Belo Monte Empreende **in numbers**

AWAKENING **STAGE**

+550 participants

11 workshops

Participants per workshop



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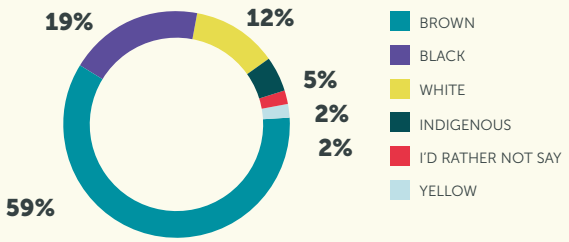
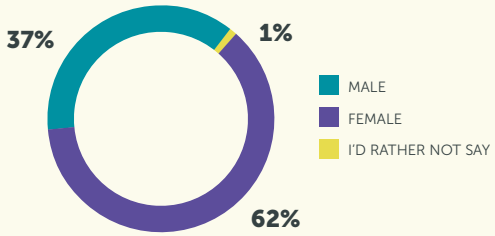


Gender of participants



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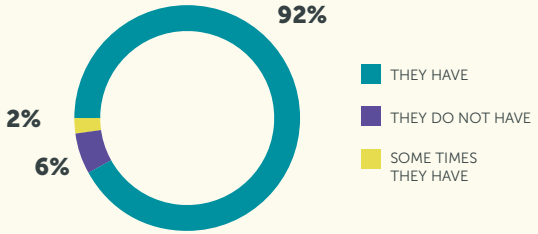
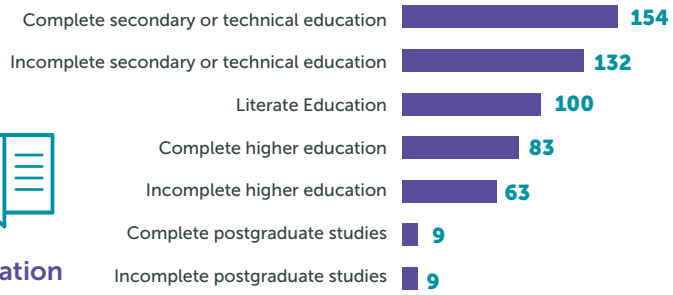


Education



Teams in Demoday

22	4	1	1	4	6
ALTAMIRA	ANAPU	BRASIL NOVO	MEDICILÂNDIA	SENADOR J. PORFÍRIO	VITÓRIA DO XINGU

Belo Monte Empreende **in numbers**

PRE-ACCELERATION STAGE

8 face-to-face workshops

75 ideas selected

129 businesses enrolled in the Pre-Acceleration stage

38 ideas going to Demoday

ACCELERATION STAGE

+496 mentoring hours and virtual meetings

+30 face-to-face meetings during 1 year of acceleration

18 Specialized Consultants (marketing, sales, production, accounting, legal, financial and management)

18 business models selected

In 2023, we held the last workshop of the Awakening phase aimed at riverside and urban indigenous populations. We then selected 75 business ideas from the 129 worked on in the Awakening stage and moved on to the Pre-Acceleration stage. At the end of this phase, 38 ideas were presented at Demoday to an evaluation panel, when 18 teams were selected for the final Acceleration stage. Scheduled to be completed in August 2024, this Acceleration stage will offer mentoring in the areas of Accounting, Management, Legal, Social and Environmental, Marketing, Sales, Production and Finance to the 18 selected teams.

For further information, access **https://bmempreende.norteenergiasa.com.br/**

GRI 2-6, GRI 204-1, GRI 3-3 GENERATION OF SHARED VALUE

BELO MONTE COMMUNITY

Belo Monte Community (BMC) develops a set of actions with the communities surrounding the plant. The program is composed of nine thematic axes:

- Citizenship
- Preventive Health
- Environmental Education
- Art and Culture
- Education
- Sports
- Volunteer Work
- Digital Inclusion
- Generation of Work and Income

Several actions were carried out throughout 2023. One of them is the Social Football project, carried out in partnership with Sesi Altamira, through which we expanded our area of activity and the number of participants. In 2023, in addition to children and young people aged 7 to 17 from the five new neighborhoods of Altamira (resettlements of Água Azul, Casa Nova, Jatobá, Laranjeiras and São Joaquim), we also started working with children and young people from the communities of VGX, Vila da Ressaca and Ilha da Fazenda, located in the municipality of Senador José Porfírio, and children and young people from the communities of Belo Monte and Belo Monte do Pontal, in the municipalities of Vitória do Xingu and Anapu, respectively. This meant an increase in the number of participants from 550 to 930 children and young people in the activity offered twice a week after school hours.

Launch of the Belo Monte Community Social Football project for children and young people from the Volta Grande do Xingu region.

Activities during the Encantos do Xingu Project class - PEXIN.

We have also made progress in implementing new initiatives, such as the Permear program, aimed at training teachers in the municipal network of Altamira (**see next page**).

Another highlight of Belo Monte Comunidade in 2023 was the implementation of the Encantos do Xingu Project – Pexin – carried out in partnership with the Ararajuba Institute. The project offers music lessons (singing and flute) and digital inclusion (video recording and production) to children and young people from three riverside territories of the Xingu reservoir: Paratizão, located in the municipality of Vitória do Xingu; Palhal and Ilha do Pedrão, located in the municipality of Altamira. The actions took place throughout 2023, in riverside schools, twice a month, on weekends.

In addition to these projects, professional training and qualification courses for the region's population were carried out in partnership with the Brazilian National Rural Learning Service (Senar). One of the highlights was the course on the production of Gourmet Flour, aimed at non-village riverside indigenous communities and indigenous communities living in villages.

In 2023, we saw an opportunity for synergy between Belo Monte Comunidade and Belo Monte Empreende: offering training in chocolate production (*chocolatier* course) to Belo Monte Empreende participants who had a cocoa production project and other interested residents of the Middle Xingu region. Based on that idea, in partnership with the Amazon Entrepreneurship Center (CEA) and the Cacauway Cooperative, indigenous people from the Xipaya and Kuruaya ethnic groups provided cocoa from their plantations for the production of chocolates at the Chocolat Xingu 2023 festival.

The results of Belo Monte Community's actions can be accessed through the company's website (**https://www.norteenergiasa.com.br/sustentabilidade/iniciativas/belo-monte-comunidade**).

GRI 2-6, GRI 204-1, GRI 3-3 GENERATION OF SHARED VALUE

Permear

In 2023, we carried out the Permear Project, an initiative by Norte Energia in partnership with the Municipal Department of Education of Altamira. The project aims to contribute to the training of municipal school teachers on the subject of indigenous histories and cultures.

Federal law no. 11,645/2008 made teaching indigenous and Afro-Brazilian histories and cultures mandatory in the basic education curriculum. Although the law was enacted over 15 years ago,implementing it is still a challenge. This is how Permear was born. The result of a public-private partnership, it aims to contribute to the public authorities in implementing the law, as well as the Sustainable Development Goals (SDGs - UN) and the International Decade of Indigenous Languages 2022-2032 (UNICEF).

The pilot project took 112 hours to complete and included training for 37 teachers from urban schools in Altamira, in the final years of elementary school, in the subjects of history, geography and Amazonian studies. The project was developed throughout the second half of 2023 and divided into four modules.

Indigenous teachers participating in the Permear Project.

Adopting the motto established by the International Decade of Indigenous Languages: *"Nothing for us without us"*, the project invited ten indigenous teachers, representatives of each of the ethnic groups of the Middle Xingu, to be the trainers of non-indigenous teachers. The proposal was to enable the subjects of their own stories and cultures to talk about themselves.

Training for ethnic-racial education, by bringing indigenous people to lead the training, made it possible not only to present information, but also to experience diversity.

According to indigenous professor Kwazady Xipaya, the project was innovative and reversed a historical relationship. According to him, it was the first time they entered a classroom not to learn how to be 'white', but to teach what it is like to be indigenous.

By reaching 37 teachers in the municipal network, the knowledge transmitted by the indigenous people should reach more than 4 thousand students in Altamira.

For further information on this project: https://www.norteenergiasa.com.br/sustentabilidade/iniciativas/permear.

GRI 2-6, GRI 204-1

Plan for the Sustainable Regional Development of Xingu

Created by Presidential Decree No. 7340 of 2010 and updated by Decree 10,729 of June 23, 2021, the Plan aims to promote a total investment of BRL 500 million in projects that contribute to the sustainable regional development of the region in the period from 2010 to 2030.

This plan is part of the National Regional Development Policy (PNDR), previously of the Ministry of Integration (MI) and now of the Ministry of Integration and Regional Development (MIDR). The Plan's main objective is to reduce regional disparities through the implementation of initiatives aimed at local development.

The PDRSX covers the municipalities of Altamira, Anapu, Brasil Novo, Medicilândia, Pacajá, Placas, Porto de Moz, Senador José Porfírio, Uruará and Vitória do Xingu in the state of Pará. Through an innovative governance model, representatives of civil society, together with representatives of federal, state and municipal public authorities, receive, analyze, approve and monitor projects presented by different actors.

In 2023, BRL 4.2 million were allocated to projects approved in public notices issued up to 2017 and which were still being implemented. **[GRI 2-25]**

PDRSX Meeting.

GRI 2-23, GRI 2-25, GRI 413-2

ENVIRONMENTAL LICENSING AND **SUSTAINABILITY**

In line with its Sustainability Policy, Norte Energia adopts a development strategy to create sustainable value for its shareholders, society in general, the local community and the environment. That approach is an integral part of our business.

From the perspective of the environmental licensing process for the Belo Monte HPP, the company has promoted actions in the region where it operates, aiming to enhance the positive impacts arising from the operation of the project and mitigate, compensate and/or repair the negative effects.

The impacts were duly identified in environmental studies developed in 2009 by the Brazilian State, following the terms of reference issued by environmental agencies. In the current phase of full-load operation, the positive effects include the economic and social development provided by the energy generated by the Plant, which promotes security, job and income generation, education, health and quality of life for the region and millions of Brazilians. Another relevant aspect is the increase in tax collection by local, state and national governments.
On the other hand, negative impacts include land use and occupation and issues related to navigation, biodiversity and other socio-environmental factors. These impacts are monitored and managed through programs and projects that are part of the Basic Environmental Plan and its Indigenous Component (BPA and PBA-CI), in addition to the conditions of the current Operating License and of commitments made in specific terms.

These documents, validated by Ibama and Funai, propose actions to prevent, reduce, mitigate, repair and/or compensate for the identified impacts, preventing risks and following best environmental practices.

In the context of riverside, rural and urban communities, several actions are developed involving social interaction and communication, environmental education, social and psychological assistance, basic sanitation, urban requalification, health, education, productive and subsistence activities, training and technical assistance, valorization of material and immaterial multicultural heritage, institutional articulation and strengthening.
In addition, monitoring and conservation actions are carried out for fauna and flora, including forest restoration initiatives in the Permanent Preservation Areas (APPs) of the Plant's reservoirs.

The Indigenous Component of the Belo Monte HPP Basic Environmental Plan also develops actions to compensate, mitigate or control negative impacts and optimize positive impacts resulting from the operation of the project aiming to guarantee the physical and cultural integrity of the indigenous population and the preservation of their territories and natural resources.

Guided by our Human Rights Policy, each social and environmental action promoted by Norte Energia reinforces our commitment to respect the territory and culture of local communities and indigenous peoples.

Our commitments became concrete in the development of 117 plans, programs and projects in the social, cultural, land, physical and biotic areas that make up the Basic Environmental Project (PBA). There are another 27 programs and projects that make up the Basic Environmental Project of the Indigenous Component (PBA CI), in addition to other actions in compliance with the conditions established in the scope of the environmental licenses (preliminary, installation and operation), issued by the Brazilian Institute of the Environment and Renewable Natural Resources (IBAMA), between 2010 and 2015.

GRI 203-2, GRI 204-1

Significant indirect economic impacts

The impact matrix generated during prior environmental studies of the Belo Monte HPP identified the potential effects on the socioeconomic activities of the populations on the banks of the Reduced Flow Stretch (TVR), as well as on the flora and fauna of the Volta Grande do Xingu, in a 100 km segment. In response, six years of hydrograph testing were planned and the Integrated Management Plan for the Volta Grande do Xingu was implemented, as well as part of the Basic Environmental Project, and specific projects in the Reduced Flow Stretch, including the indigenous component.

Mitigation actions for VGX were initially foreseen in the Community Strengthening Plan and continuously implemented with the signing of the Environmental Commitment Term ((see page **110**). Although not all impacts have been fully confirmed, some actions were anticipated and carried out preventively, based on environmental monitoring and studies.

These measures were drawn up with the participation and guidance of the environmental agency, which oversees, monitors and directs the implementation of projects and mitigation and compensation measures. In 2023, Norte Energia maintained these mitigation measures under development in the region, through the Environmental Commitment Term signed with Ibama. It also continued dialogue with riverside communities and indigenous peoples of Volta Grande do Xingu to work together on mitigation and compensation issues. This was done through participatory monitoring, actions to improve access to water, sanitation, productive activities in fish farming, cocoa and food planting, improvements in the health system and land access, in addition to prioritizing support for navigation in the region.

Norte Energia also reinforced its active listening process with the communities, studying and sharing new proposals for measures to ensure the improvement of the region's biodiversity conditions with the riverside dwellers and indigenous peoples of Volta Grande do Xingu. The Sustainable Fishing Incentive Project is aimed at fishermen, through the Basic Environmental Project and the conditions aimed at mitigating impacts. It was developed in line with the impact matrix generated during the socio-environmental studies of the Belo Monte HPP, which indicated possible impacts on ichthyofauna and fishermen as a river environment had do adapt to a reservoir environment, and also because of the reduced flow stretch formation in the Volta Grande do Xingu.

Some examples of transformations promoted in the region through the socio-environmental commitments assumed by Norte Energia are:

(i)urban requalification (parks and waterfront, bridges, viaducts, streets and avenues);

(ii) construction and urbanization of six Collective Urban Resettlements (RUC), with 3,850 residences;

(iii) implementation of a water supply and treatment network, sanitation in the urban center of Altamira;

(iv) construction of sanitary landfills in Altamira and Vitória do Xingu;

(v) renovation and expansion of schools;

(vi) construction of Basic Health Units (UBS), Hospital in Altamira;

(vii) construction of two Social Assistance Reference Centers (CRAS);

(viii) Xingu Penitentiary Complex.

These works generated formal jobs and income for the local population. They also placed Altamira among the few municipalities in the North region that benefit from a system of supply, collection and treatment of effluents for almost all urban homes, which resulted in important gains in health and sanitation.

Norte Energia develops the Socioeconomic Aspects Monitoring Program. Its main objective is to create and monitor indicators to monitor and identify possible interferences, whether or not foreseen in the PBA, in the municipalities of the Direct Influence Area (AID) and Indirect Influence Area (AII) of the project, namely:

- **Area of Direct Influence (AID):** Formed by the municipalities of Altamira, Vitória do Xingu, Anapu, Senator José Porfírio and Brasil Novo.
- **Area of Indirect Influence (AII):** It includes the municipalities of Altamira, Vitória do Xingu, Anapu, Senator José Porfírio, Brasil Novo, Medicilândia, Uruará, Placas, Porto de Moz, Gurupá and Pacajá.

Over a history of over ten years of monitoring, the data reveal that the presence of Belo Monte was decisive in rescuing and transforming the quality of life of families directly assisted by Norte Energia's actions (AID), as well as for the population of neighboring municipalities (AII).

We have a process to monitor and evaluate changes in the socioeconomic and population dynamics observed in the municipalities of the AII, with 17 indicators distributed across eight dimensions.

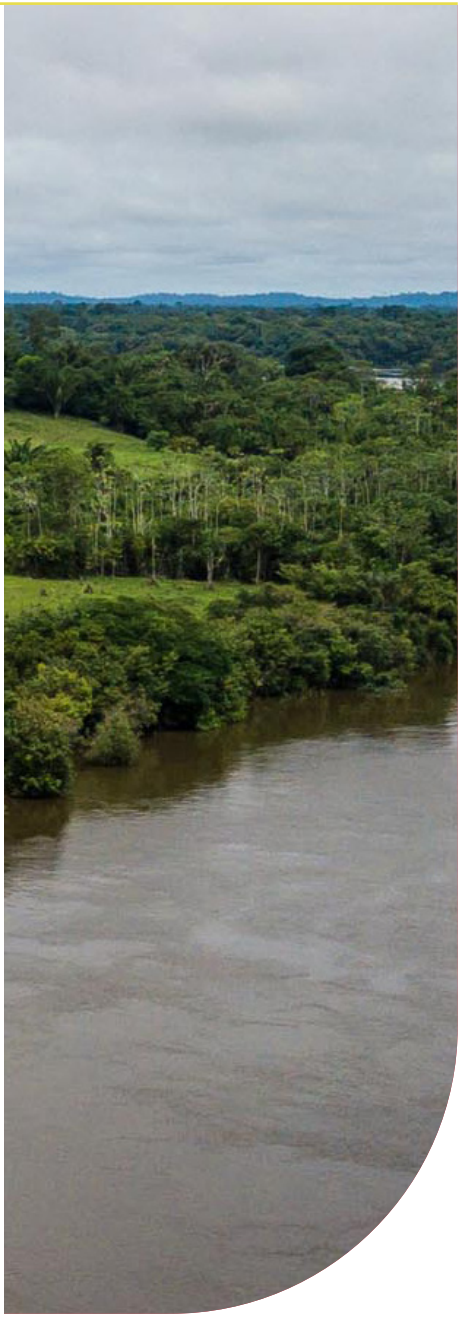
The analyses consider issues of demographics and migration, through demographic projections and census surveys; education, with the evolution of the number of enrollments and sufficiency in schools; public safety, observing the evolution of the number of police incidents and homicide rates; public finances, with the percentage of municipal revenue and revenue evolution; commerce, industry and services; sanitation; and population at risk, among other indicators of living conditions. The results of the Living Conditions Survey indicate an improvement in the overall quality of

life in recent years. The percentage of families below the poverty line reached 26.47% in the first half of 2014, but as of 2020 it has declined to values below 5%. In 2023, the percentage remained close to 4%.

Specifically regarding the monitoring of social and environmental sustainability indicators (ISSA), the maintenance and improvement of the socio-environmental conditions of Volta Grande do Xingu in its historical series is notable.

Throughout the execution of the Program, important milestones were outlined for adjustments to the indicators and improvements in the methodology to analyze the monitored data. This data was essential to support timely decision-making, both in the implementation of actions that were the responsibility of the entrepreneur and the public agents involved. The Program contributed significantly to local institutions, assisting some agencies in creating specific procedures and documents to organize and track the data produced, or even providing tabulated data and analyses. Some actions include:

- **Qualification of municipal technicians** to collect social assistance data, following the Ministry of Social Development (MDS) Manual.
- **Preparation of a specific form** to record the volume of daily waste collected by municipalities, based on the standardization of data systematization.
- **Creation of a document standardizing** the types of incidents reported by the Child and Youth Guardianship Councils, in partnership with the Altamira Council. The document was disseminated among the municipalities of the Belo Monte HPP AID, allowing data to be compared.
- **Transfer of the results of the "Sanitation Indicator"** to the Municipal Secretariat of Environment and Tourism (Semat), regarding the evolution of the volume of garbage collected directly by cleaning services.
- **Provision of copies of completed forms** and database to the Guardianship Council of Brasil Novo, used in presentations to the mayor about the Guardianship Council's work.



GRI 3-3, GRI 3-3, POLITICAL, SOCIAL, ECONOMIC AND REGULATORY SCENARIO

Main Achievements in the Scope of Environmental Licensing (2011-2023)

Norte Energia is committed to environmental licensing projects in the region that have generated important results, such as:

- **330 km** of sanitary sewer system
- **8 stations** for sewage treatment
- **19 stations** for sewage pumping
- **18 km** of draining
- **279 km** of water supply network
- **14 water reservoirs**
- **29 km** of paving
- **4 sanitary landfills**

Indigenous Peoples

- Radio system installed in indigenous villages and associations.
- 779 houses built;
- 518 km of roads built;
- 17 runways (ten built and seven restored);
- 536 production units including poultry houses, flour mills, cocoa greenhouses, storehouses, corrals, canteens and excavated fish tanks;
- 21 indigenous schools built;
- 31 indigenous basic health units built.

Health

- Over 90% reduction in malaria cases in the region comparing the year 2011 and 2023 (until the 3rd quarter of 2023);
- 31 UBS (Basic Health Units) built in AID municipalities;
- Three hospitals built and equipped in Altamira, Anapu and Vitória do Xingu, in Pará.

Sanitation

- Over 19 thousand properties connected to the municipal network in Altamira
- Expansion of the city's water supply system;
- Implementation of a wastewater treatment system in urban areas;
- Over 500 km of sanitation network in Altamira;
- Implementation of four sanitary landfills in the municipalities of Altamira, Anapu, Brasil Novo and Vitória do Xingu.

Regarding the Sanitation and Water Supply Improvement Project, the revitalization of the sewage systems of Belo Monte do Pontal was completed, adding to those already revitalized in Belo Monte, Ressaca, Ilha da Fazenda and Garimpo do Galo. These investments totaled BRL 5.2 million in 2023 alone.

Relocation of the Population

- Approximately 3,800 families were relocated to new homes built in the urban center of Altamira/PA. This was possible through the implementation of six new neighborhoods with full infrastructure: sanitation, paving, public lighting equipment, leisure, education and health;
- In addition to the urban area, 28 houses were built in the RRC and 39 in the RAR in Vitória do Xingu/PA, and one house in the RAR in Altamira/PA.

Education

- Construction of 492 new classrooms, which led to the creation of more than 14,550 new places in public schools;
- Over 30,060 students benefited in the five municipalities in the Direct Influence Area (AID) of the project;
- Five cycles of Teaching Staff Training in the municipalities, with approximately 1,500 qualifications.

Public Safety

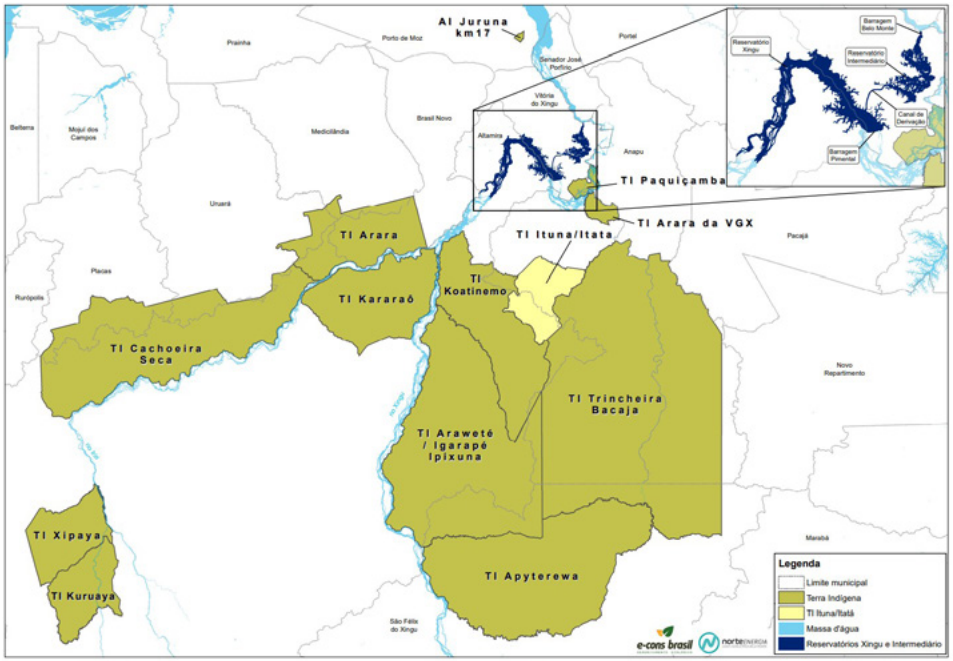
- Construction of the Vitória do Xingu Prison and Regional Police Station of Altamira;
- Purchase of a helicopter for the municipality of Altamira;
- Renovation of the accommodation of the 16th Military Police Station in Altamira;
- Donation of 34 motorcycles, two buses and an aircraft supply truck;
- Completion of the temporary building of the Legal Medical Institute (IML) of Altamira;
- Video monitoring system for Altamira with 50 cameras.

GRI 201-2

RELATIONSHIP WITH **LOCAL COMMUNITIES**

Indigenous Peoples

The Basic Environmental Plan for the Indigenous Component (PBA-CI), part of the Belo Monte HPP environmental licensing process, covers an area of approximately five million hectares, in which 11 indigenous lands and one indigenous area are located.



Nine ethnic groups live in this territory, speaking nine different languages. In December 2023, according to data from the Altamira Special Indigenous Health District (DSEI), this population was distributed across 143 villages and totaled approximately 5,000 indigenous people. In addition to this audience, the PBA-CI also serves more than 3,400 non-village indigenous people, called riverside and city dwellers, in the Altamira region.

PBA-CI (BASIC ENVIRONMENTAL PLAN FOR THE INDIGENOUS COMPONENT) PROGRAMS

The Basic Environmental Plan for the Indigenous Component (PBA-CI) comprises 11 programs, one plan and 30 projects.

1. Indigenous School Education Program (PEEI)
2. Integrated Indigenous Health Program (PISI)
3. Infrastructure Program (PIE)
4. Productive Activities Program (PAP)
5. Institutional Strengthening Program (PFI)
6. Non-Indigenous Communication Program (PCNI)
7. Indigenous Territorial Management Program (PGTI)
8. Tangible and Intangible Cultural Heritage Program (PPCMI)
9. Resettlement and Settlement Program (RRP)
10. Environmental Supervision Program (PSA)
11. Indigenous Communication Program (PCI)

In addition to the PBA-CI, within the scope of the commitments of the environmental licensing process, there is also the Territorial Protection Plan for the Indigenous Lands of the Middle Xingu (PPTMX), the result of the Cooperation Agreement signed in 2015 with the National Foundation for Indigenous Peoples (Funai).

GRI 413-2

Social Monitoring and Monitoring Project for Communities Surrounding the Works and Host Communities

Norte Energia is developing the Social Monitoring and Monitoring Project for Communities Surrounding the Works and Host Communities, part of the Basic Environmental Project (PBA) of the Belo Monte HPP, to regularly monitor the social conditions of the affected population.

This monitoring began in the first half of 2013, on a biannual basis, through forms applied to families registered in the urban and rural Socioeconomic Registry (CSE) of the PBA. Situations of social vulnerability are identified and referred for social assistance through the Family Development Index (IDF), calculated using a methodology from the Institute of Applied Economic Research (Ipea) and based on information from the Single Registry of the Ministry of Social Development (MDS). Families with an IDF (Family Development Index) below 0.5 are classified as cases of social vulnerability.

The project's target audience includes communities in the Area of Direct Influence (AID) of the Belo Monte HPP, such as resettled people, riverside dwellers, fishermen and family farmers in the municipalities of Altamira, Anapu, Brasil Novo and Senador José Porfírio, in Volta Grande do Xingu, Pará.

The results are annually filed with Ibama, the body responsible for the plant's environmental licensing. The 24th Consolidated Report, filed in March 2024, presents the results for 2023, indicating stability or improvement in socioeconomic indicators over 11 years of monitoring. Most of the monitored audiences achieved an average IDF, with emphasis on Collective Urban Resettlements (RUCs), which have an average IDF of 0.70 or higher.

The data shows that Norte Energia has maintained the socioeconomic conditions of those affected at levels similar to those before the installation of the project, contributing to improvements in several indicators, especially in the Housing Dimension. Urban Area 2 of Volta Grande do Xingu has an intermediate IDF between the RUCs and other groups, while Rural Areas 1 and 2 reached an average IDF as of 2020, after a period of low IDF. The Rural Assisted Relocation public, in addition to a stable IDF, also showed improvements in other indicators.

Predicted impacts, such as "Transformations in the life dynamics of the affected populations" and "Disorientation and social disorganization generated by the new social order", are no longer observed, reflecting the effectiveness of the actions implemented. The reduction in families in situations of social vulnerability is highlighted in the reports.

Fishermen, riverside dwellers settled by Norte Energia and families from RUC Tavaquara will continue benefiting from actions from the entrepreneur, with annual social monitoring campaigns.

GRI 203-1, GRI 3-3 RELATIONSHIP WITH LOCAL COMMUNITIES AND INDIGENOUS PEOPLES, GRI 413-1

Consultation and participation

Interactions with indigenous peoples take place through face-to-face consultations in Altamira, at the headquarters of the Indigenous Communication Program, as well as through telephone consultations, radio and messages via apps. In 2023, we recorded 7,031 services provided to indigenous people, through the different channels available, and information on the main topics covered is available on page **58**. **[GRI 413-1]**

The Indigenous Management Committee (CGI) aims to ensure representation in the implementation of mitigation and compensation measures. It is composed of representatives from each of the region's villages and from non-village indigenous families, Norte Energia and Funai. In addition to the CGI, there is also the Indigenous Committee for Control and Monitoring of Reduced Flow in the Volta Grande do Xingu Section (CTVR) and ten Indigenous Management Subcommittees, to facilitate specific negotiations with each people.

In 2023, 11 Indigenous Subcommittee meetings were held. Another important meeting of the period was the 9th Ordinary Meeting of the CTVR, whose responsibility is to broadly address flow monitoring actions and monitor their execution, as well as monitoring actions for the quality of water, ichthyofauna, fishing, among other associated programs developed in the Reduced Flow Stretch, in addition to monitoring and monitoring the application of the Consensus Hydrogram.

7,031
services provided to indigenous people

Norte Energia employee in dialogue with indigenous peoples of the Middle Xingu.

In addition to this set of instances and formal forums established by the licensing process, we also have the dialogue exercised throughout the execution of the activities of the PBA-CI programs and projects and a frequent schedule of meetings with indigenous peoples, Funai, Special Secretariat for Indigenous Health (Sesai) , Special Indigenous Health District (DSEI), District Council for Indigenous Health (Condisi) from Altamira and other entities, to monitor ongoing activities and plan future actions. In 2023, we held 107 meetings in this context.
In this scenario, significant progress was made at the PBA-CI Technical Evaluation Seminar, held at Funai headquarters in Brasília-DF. In addition to Norte Energia, representatives from Funai, Ibama, the Ministry of Indigenous Peoples (MPI) and companies that represent the company in the execution of the PBA-CI also participated. The Technical Seminar enabled participatory institutional dialogue on

the *status* of implementation of PBA-CI commitments, i order toc identify its results, challenges and next steps. Paths were defined with the participation of indigenous peoples of Middle Xingu.

Another important step in 2023 was the creation of the Working Group (GT). It is composed of representatives from Norte Energia (Social and Environmental Management of the Indigenous Component / GSI and Management of Works of the Surrounding Area / GOE), Municipal Department of Education (Semed/Altamira) and DSEI, to discuss issues related to the construction and renovation of health and education infrastructures.

In addition to this, another Working Group, established in 2021 to specifically address indigenous health, remained active and has been generating important recommendations for the area.

As a result of these partnerships, Norte Energia and DSEI carried out joint inspections of the 31 UBSIs (Basic Indigenous Health Units) built from 2016 to 2020, all of which are in operation. The purpose of the inspections was to assess any maintenance and renovation needs with a view to the official handover of these structures to the DSEI. Thus, in 2023, we began renovating some structures.

To operate the 31 UBSIs built, Norte Energia provides specialized labor to operate the indigenous health system in the region. The management of this group of professionals is the responsibility of the DSEI, within the scope of the national indigenous health subsystem.

In 2023, the implementation of the *Conecta Xingu* and *Corredor VGX projects continued*. These initiatives involve the installation of totems and satellite antennas in order to provide internet access to both indigenous and non-indigenous communities in Volta Grande do Xingu. In 2023, 15 more satellite internet antennas were installed, totaling 103 antennas, installed in indigenous and non-indigenous communities, guaranteeing internet access in Volta Grande do Xingu.

The Conecta Xingu project began during the Covid-19 pandemic and plays a fundamental role in significantly expanding the communication capacity of communities.

Documentary YAWAIDU - Mother of a People.

GRI 3-3 GENERATION OF SHARED VALUE

Valuing indigenous knowledge and cultures

Our commitment to valuing and disseminating the cultural diversity of indigenous peoples was expressed through different actions in 2023. In October, the first edition of the book *Tekàpoti nhõ ngô kam tep* – Fish of the Bacajá River – was published by the Xikrin people, from the Trincheira Bacajá Indigenous Land. 1,218 copies were delivered to the Indigenous School Education Division of the Municipal Education Department of the municipality of Altamira.

The highlight in the audiovisual segment in 2023 was the documentary *YAWAIDU* - Mother of a People, by the Bitata Association. The film is the result of the project: *Iriri: uma história não contada*(Iriri an untold story), developed through the interface between the actions of the Material and Intangible Cultural Heritage Program (PPCMI) and the Institutional Strengthening Program (PFI) of PBA-CI. The documentary, winner of the award for best Medium-Length Film at the 5th Pará International Ethnographic Film Festival in 2023, narrates the trajectory, language and culture of the Xypaya people of the Cachoeira Seca Indigenous Land. This documentary also won the Outstanding Feature award at the Alter do Chão Film Festival and was selected for the 5th Quilombo Exhibition of Black and Indigenous Cinema and the 6th Sesc Film Exhibition (Mostra Pará).

As an initiative to promote indigenous knowledge and cultures, PBA-CI (Basic Environmental Plan for the Indigenous Component) supported, for the second consecutive year, the participation of indigenous peoples in the Creative Economy Fair of the Peoples of the Middle Xingu, in Altamira. The event took place at the same time as the Trans-Amazonian Song Festival (Fecant), with the participation of indigenous people from all indigenous lands in the Belo Monte area. They exhibited and sold artisanal products and traditional foods, originating from the support provided by PBA-CI (Basic Environmental Plan for the Indigenous Component) actions. The Social and Environmental team of the Indigenous Component of Norte Energia led guided tours through the fair, to encourage visitors to learn about the culture of the nine peoples of the region.

GRI 3-3 GENERATION OF SHARED VALUE

2nd Fair for the Creative Economy of the Peoples of the Middle Xingu.

Sales volume: approximately BRL 45 thousand

Also within the scope of the Material and Intangible Cultural Heritage Program, activities carried out involving indigenous peoples of Volta Grande do Xingu stand out. During the month of July, Juruna and Arara indigenous artisans from VGX participated in the National Handicraft Business Fair (Fenearte), at the Pernambuco Convention Center, in Olinda/PE, with exhibitions and sales of traditional handicraft products.

In August, they participated in the *Juruna and Arara Exhibition: Land, Water and Life in the Volta Grande do Xingu*, at the São José Liberto Space, in Belém/PA. The same exhibition was also held at the Tomie Ohtake Institute, in the capital of São Paulo, in November, in partnership with the IT Design store.

On this occasion, there was a discussion group, a beading and body painting workshop, as well as the sale of handicrafts.

Also in 2023, the 10th Exchange of the Xipaya and Kuruaya People of the Kujubim village, in the Cachoeira Seca Indigenous Land, was held. This event was attended by representatives of all indigenous peoples of the Middle Xingu, local authorities and representatives of institutions operating in the region. The exchange allowed an "immersion" into the culture of the Xipaya and Kuruaya peoples, through traditional dances, exhibition of cultural artifacts and songs. There was also the sharing of knowledge by these ethnic groups.

As part of education actions, in April 2023, through the Indigenous School Education Program (PEEI), the Regional Seminar on Indigenous School Education in the Middle Xingu was held - Regional stage of the meeting of the Management Committee of the Middle Xingu Ethnoeducational Territory (TEEMX). It counted on the participation of 26 indigenous representatives of the peoples served by the PBA-CI and another 25 representatives of the Education Departments of the municipalities of Altamira, Senador José Porfírio and Vitória do Xingu, the Education Department of the state of Pará (Seduc/PA), the Ministry of Education (MEC), Funai, Higher Education Institutions (UFPA, IFPA and UEPA) and partners in indigenous school education.

Participation of indigenous peoples in the Creative Economy Fair of the Peoples of the Middle Xingu, in Altamira.

As one of the steps taken in this agenda, the 7th TEEMX Meeting was held in December of the same year. Two indigenous teachers from each indigenous land participated and the objective was to promote debate about the experiences and challenges faced in implementing the Intercultural Degree for indigenous teachers from the nine peoples of the Middle Xingu region.

GRI 3-3 GENERATION OF SHARED VALUE, GRI 413-1, EU20, EU22, GRI 203-1

Indigenous health in focus

Through the PBA-CI, in the health area, as already mentioned, we advanced with the adaptations of the Basic Indigenous Health Units (UBSI) and the Water Supply Systems (SAA) in the Paquiçamba Indigenous Land, located in the municipality of Vitória do Xingu; in the Arara Indigenous Land, in Volta Grande do Xingu; and in the riverside indigenous community of São Francisco. We also continued with medication quotas and the provision of health professionals to work in primary care, in support of the public health policy of the DSEI Altamira.

Throughout 2023, we continued to carry out immunochromatographic tests to research viral antigens for the detection of Covid-19, assessment and medical reports for employees.

With the Covid-19 pandemic in March 2020 and its impacts on the indigenous peoples of the Middle Xingu, several measures were necessary to control and confront the disease. Norte Energia continues to follow the health protocols recommended by Sesai/MS to enter indigenous lands. This meant that, between 2020 and 2023, 12,669 tests and health screenings were carried out on direct employees and third parties who provide services to Norte Energia. Of these, 3,370 were carried out in 2023.

Still on the subject of health promotion, we made progress in negotiations with indigenous health agencies and Condisi regarding the construction of new headquarters for DSEI and the Casa de Saúde Indígena (Casai). This made it possible, in 2023, to approve the project for the DSEI headquarters during the 41st Ordinary Meeting of Condisi.

Basic Indigenous Health Unit (UBSI)

The results of actions, monitoring and assessments of environmental and social impact are published annually through Consolidated Reports (RCs) made available in the Electronic Information Systems (SEI) of Ibama and Funai. In 2023, the 24th RC was filed with Ibama and the 20th RC with Funai. **[GRI 413-1]**

GRI 3-3 GENERATION OF SHARED VALUE

Land protection

Regarding the protection of indigenous lands, we continued to implement the actions of the Middle Xingu Territorial and Environmental Protection Plan (PPTMX). Among its results, the plan includes the creation and implementation of the Remote Monitoring Center (CMR), located at the Funai headquarters in Brasília/DF, where we have kept specialized labor for its operation since 2016.

Another commitment of PPTMX is the construction of 11 territorial protection units, of which eight have already been built and are in operation, with 56 employees hired by Norte Energia, under the management of Funai. In 2023, these UPTs were renovated after joint inspections carried out by Norte Energia and Funai, in order to definitively transferring them to the agency. Two other units, whose construction began in 2022, have been completed and are awaiting receipt by Funai. The last UPT began construction in 2023 and is still ongoing.

Fish farming project in net cages in indigenous communities.

GRI 3-3 GENERATION OF SHARED VALUE

Productive Activities Program

The Productive Activities Program (PAP) has been fulfilling its objective of promoting subsistence and income generation for indigenous peoples. Fish farming in net cages, on the Volta Grande do Xingu and Iriri routes, in 2023, respectively, resulted in a production of 74,029.5 kg of fish, generating BRL 789,027.00 in income for the communities of Volta Grande do Xingu.

Another breeding activity that showed progress during the period was poultry farming. The chicks placed in the constructed aviaries and technical support for their growth has already proven viable, with meat and egg production for own consumption and small sales, such as Volta Grande do Xingu, with an income of BRL 12,600.00.

Cocoa cultivation is an activity taking place at different stages on different routes, with some villages recording only cultivation, others recording the production of their own seedlings, and even locations with an advanced stage of cocoa production and marketing of almonds. In the Indigenous Lands of Volta Grande do Xingu (TI Arara da Volta Grande and Paquiçambra), 3,186.4 kg were sold, generating income of BRL 36,581.00 for the communities. In the Indigenous Land of Trincheira Bacajá, 1,874 kg were sold, generating income of approximately BRL 20,735.00. In the Rota Iriri Indigenous Lands (TI Arara, TI Kararaô and TI Cachoeira Seca), where the activity is consolidating, 62 kg of production were recorded,generating income of BRL 900.00.

The nut collection activity has been consolidated and strengthened in its continuity, with broad support from PBA-CI for technical guidance, production flow and commercialization.

Thus, in general, it is an activity that has been enhanced with increased production and provides financial returns to the people.

The activity of annual farms, with the production of vegetables, orchards, among others, has made it possible to generate income and self-consumption in the villages. With it, the production of Creole corn was resumed, resulting in its consumption, commercialization, food for small animals and even the storage of the seed itself for the next harvest.

There are very peculiar activities that are restricted to some locations, such as the production of latex rubber and the management of native *açaí*, on the Curuá route (TI Xipaya and Kuruaya). There are many varieties planted and produced, such as corn, beans, rice, cassava, bananas, various vegetables, peppers, sugarcane, pineapple, sweet potatoes, watermelon and papaya.

PAP has been promoting commercialization and, for the next period, there are prospects that surplus agricultural production or livestock will be allocated to the Federal Government's Food Acquisition Program (PAA). The companies implementing the PBA-CI will also continue to purchase food items from indigenous peoples when carrying out licensing activities in the villages.

Nut drying process in a structure built in an indigenous village.

The large volume of actions within the scope of environmental licensing, the extensive geographical area, the ethnic and linguistic diversity and the specificities of interethnic relations constitute some of the main challenges of working with indigenous peoples.

During the reporting period, there were no identified cases of violations of indigenous peoples' rights. There are allegations in the judicial sphere of alleged violation of indigenous rights, which comprise ten public civil actions, of which Norte Energia and other institutions are parties. Table and link with access to each of the aforementioned ACPs are available as an **annex** to this report. **[GRI 411-1]**

In none of them there was a decision evidencing a violation of the rights of indigenous peoples by Norte Energia. **[GRI 411-1]**

For further information: https://mwss.norteenergiasa.com.br/sites/norteenergiaacp/_layouts/15/start.aspx#/Shared%20Documents/Forms/AllItems.aspx?RootFolder=%2Fsites%2Fnorteenergiaacp%2FShared%20Documents%2FRelat%C3%B3rio%20de%20Sustentabilidade&FolderCTID=0x0120004D0B51AFA25C79409ED21147313BF77E&View=%7B7C20A60F%2DCB5D%2D42A4%2DADBD%2D3A48999DC487%7D

Landscape of the Xingu River.

GRI 3-3 GENERATION OF SHARED VALUE

FISHERMEN

Throughout 2023, we continued actions aimed at strengthening the fishing and aquaculture sector in the region located in the Area of Influence of the Belo Monte HPP, both within the scope of the Sustainable Fishing Incentive Project and also in compliance with the specific conditions of Operating License No. 131/2015.

Regarding the conditions related to the fishing public, the proposal for projects on technical and social assistance is being discussed with Ibama. The objective is to keep carrying out the actions planned to provide technical assistance for fishing, in the section that is undergoing changes due to the formation of the Xingu reservoir and the Reduced Flow Stretch.
In 2023, on the recommendation of Ibama, we carried out financial compensation in the amount of BRL 20,000 for the people who make up the registry of participatory workshops held by Norte Energia, between 2017 and 2019.

The licensing body also determined individual analysis for those not registered, based on criteria proving fishing activity in the area of influence of the Belo Monte HPP, in a period prior to the formation of the reservoirs – January 2016.

The analyses are being carried out in accordance with the criteria validated by Ibama.

It is also important to highlight that, in 2023, several service shifts and meetings were held in Altamira, Senador José Porfírio, Vitória do Xingu and Anapu.

Regarding the sustainable fishing project for fishermen in extractive reserve areas in the Middle Xingu region, a meeting was held with ICMBio. The topic was discussed again with Ibama.

Vessels docked in a riverside community on the Xingu River.

EU 22, GRI 3-3 GENERATION OF SHARED VALUE, GRI 203-1

RIVERSIDE PEOPLE

During the environmental licensing process, riverside residents of the area now occupied by the Xingu reservoir were included in the Population Relocation Plan. This plan included the construction of collective urban and rural resettlements in Altamira and Vitória do Xingu. The relocation of these families was accompanied by social teams, who provided social and psychological support during the process of moving and adapting to their new homes.

However, the body responsible for environmental licensing determined that additional measures be adopted, considering the riverside way of life, especially that directly linked to subsistence and extractive activities on the banks of the Xingu River.

The riverside families are represented by the Riverside Council and the company continued the process of resettling these families on the banks of the Xingu River, within the Permanent Preservation Areas (APPs) of the Belo Monte HPP.

Norte Energia provides assistance to the families directly involved, with community representatives who actively participate in the process. Of the total planned, 162 families have already been resettled.

We are working along with the Education and Health departments of the municipalities of Vitória do Xingu and Altamira to implement the planned social facilities.

Action of the Our Beach Always Clean Campaign - Environmental Education Program.

GRI 3-3 GENERATION OF SHARED VALUE

URBAN COMMUNITIES

With regard to urban communities, the execution of 177 environmental education actions for a total of 3,609 people resettled in the city of Altamira stands out. In addition to environmental education actions, social and psychological assistance was offered to 422 families in situations of social vulnerability in Altamira.

As for the Urban Resettlement Project, in 2023, 37 more indigenous families were relocated in an urban context,as well as fishermen and riverside dwellers in the RUC Tavaquara, which was designed, built and intended for families that maintain ties with the Xingu River. This new neighborhood has 150 residences and is the result of demands from this specific public. RUC Tavaquara is equipped with a school, UBS, leisure area, dock, living space and daycare.

Norte Energia has also been implementing complementary projects, such as psychosocial assistance and strengthening family farming (with an emphasis on agroextractivism and fishing).

177 environmental education actions

TO

3,609 people

RESETTLED IN THE ALTAMIRA CITY

GRI 3-3 EFFICIENCY IN ENERGY GENERATION AND TRANSITION, EU8

INNOVATION AND **RESEARCH**

Innovation has been a hallmark of Norte Energia since its inception in 2010, when it faced the challenge of building one of the largest hydroelectric plants in the world; an entirely national project that sought to innovate technologically in its design in order to minimize socio-environmental impacts in the region.

The Research, Development and Innovation projects, regulated by Aneel in accordance with Law No. 9,991/2000 and its amendments, continued this journey and drove the search for more innovative results that promote its growth, as well as that of the electricity sector, in a sustainable manner.

Investment in RDI (research, development and innovation) is a strategy by Norte Energia to improve the safety and efficiency of its operations and the electricity sector. Through the RDI Program, the company seeks to establish partnerships with universities, research institutes, consultancies and the industrial sector, in order to foster knowledge and the development of innovative projects that not only meet the organization's technological demands, aligned with its strategies, but also drive Brazil's growth.

According to the regulatory bases of the electricity sector, Norte Energia must allocate 1% of its Net Operating Revenue (ROL) to the RDI Program. This investment is distributed as follows:

- **40%** directed to RDI Projects, according to regulations established by Aneel. Of this, 30% is collected for the CDE (Energy Development Account), with an obligation set to expire in December 2025;
- **40%** destined to the National Fund for Scientific and Technological Development (FNDCT);
- **20%** destined at MME.

Monitoring of native tree planting.

EU8

Electric Mobility

The electric mobility project (RDI Aneel PD-07427-0319/2019) implemented the first green corridor in Pará, with the construction of a photovoltaic plant to generate solar energy on the UFPA university campus in Belém, and the provision of electric buses and an electric boat to transport university students. The project advanced in 2023, with emphasis on the construction of the solar catamaran, which included modifications to improve its performance.

With execution between November 2019 and September 2024, the electrical systems were delivered by WEG and are in the installation phase, in order to guarantee the proper functioning of the vessel.

In addition to technical advances, the project contributes academically with the completion of scientific work and the registration of patents, which demonstrates national recognition of the project's advances. These results reflect a commitment to a more sustainable and energy-efficient future.

Cyber Security

In an increasingly digitalized scenario, cybersecurity has become a fundamental concern in all sectors of society. In the electricity sector, this is no different. In this context, improving defenses against virtual threats has become a priority to ensure the stability and reliability of operations.

Norte Energia, aware of the importance of this challenge, has been investing in expanding the cybersecurity of its operations. In 2023, it successfully completed the implementation of the cybersecurity framework in the industrial environment, a significant milestone considering the specificities of this environment that cannot stop.

Among the advances achieved, we highlight the use of Artificial Intelligence (AI) in *e-mails* and on the company's website, as well as in other systems, providing increased visibility and protecting the company's assets against constant attacks on servers.

In addition, the company has been dedicated to implementing ISO 27001, an international standard that establishes strict requirements for effective information security management. The cybersecurity policies implemented by Norte Energia also comply with Aneel Normative Resolution No. 964/2021.

Norte Energia's investments and efforts in cybersecurity demonstrate its commitment to protecting electrical systems and ensuring the reliability and safety of operations, contributing to the sustainability and efficiency of the sector.

EU8

Innovation in the Inspection of Critical Structures at the Belo Monte HPP

A pioneering project is revolutionizing the way critical structures at the Belo Monte Hydroelectric Power Plant are inspected and monitored.

Under the title "Innovative Strategies for Inspection and Analysis of Critical Structures at the Belo Monte HPP", this initiative seeks to improve safety and efficiency through the application of cutting-edge technologies.

Developed in partnership with the Federal University of Pará (UFPA) and the Foundation for Research Support and Development (Fadesp), the Aneel PD-07427-0321/2021 RDI project uses advanced *Machine Learning* and *Deep Learning* methods to analyze data from various sources, such as sensors, Unmanned Aerial Vehicles (UAVs) and inspection teams.

The main objective is to automate and standardize the processes of visual inspection, fault identification and damage detection in real time. The management of critical structures at the Belo Monte HPP should be optimized by implementing an integrated fault classification system, based on precise analysis of images and field data.

With execution period between April 2021 and August 2024, this project represents a significant milestone in the energy sector. In addition to promoting technological advances, the initiative reinforces the company's commitment to safety, sustainability and innovation in the operation of hydroelectric plants.

The implementation of these innovative strategies reflects Norte Energia's constant effort to seek solutions that guarantee the integrity of structures and contribute to environmental preservation and sustainable development in the region.

EU8

Using Drones for Monitoring and Inspection

An innovative project is transforming the way the Belo Monte Hydroelectric Power Plant is monitored and inspected. Under the title "BVLOS MULTI-HYBRID RPAS", this initiative aimed to develop a drone with cutting-edge technology capable of performing various monitoring and inspection missions at the plant.

With execution period between December 2018 and January 2023, the Aneel PD-07427-0118/2018 RDI project had as its main objective to replace conventional inspection and monitoring methods in hydroelectric plants. This includes tasks such as visual inspection of the dam structure, geodetic monitoring, thermal inspection of transmission lines, searching for fauna on the river banks and monitoring of reservoirs and permanent preservation areas.

The BVLOS MULTI-HYBRID RPAS (Remotely Piloted Aircraft Systems) is a drone specially developed to meet the specific demands of the Belo Monte Power Plant. It uses hybrid technologies in both the drone and the sensors, allowing aerial surveys to be carried out in large areas, such as Permanent Preservation Areas (APPs) around the plant.

The product generated by the project was a prototype of the BVLOS MULTI-HYBRID RPAS, representing a significant advance in the remote monitoring of hydroelectric plants. The entity responsible for executing the project was the Instituto de Tecnologia XMobots da Amazônia Ltda., an institution recognized for its expertise in drone and aerial survey technologies.

For more information about these and other projects supported by Norte, visit https://www.norteenergiasa.com.br/pdi/sobre-o-programa

Drone used to monitor and inspect the structures of the Belo Monte complex.

GRI 3-3, GRI 3-3, POLITICAL, SOCIAL, ECONOMIC AND REGULATORY SCENARIO

STRATEGIC **PARTNERSHIPS**

Norte Energia understands that acting jointly and synergistically with multilateral actors is a fundamental assumption to achieve the objectives of its commitments.

Public-Private Partnerships and Third Sector

National Bank for Economic and Social Development (BNDES)
Long-term financing and investment in all segments of the Brazilian economy.

AMAZON Entrepreneurship Center
Support for the generation of entrepreneurs focused on sustainable businesses in the Amazon.

Federation of Industries of the State of Pará
For the future of industry and development of the productive sector in Pará.

Brazilian National Rural Learning Service (Senar)

Brazilian Micro and Small Business Support Service (Sebrae)

Instituto Ararajuba
Private non-profit association founded to create, develop and carry out sociocultural projects in the state of Pará

Public Authorities and Educational Institutions

Anapu City Council

Vitória do Xingu City Council

Brasil Novo City Council

Altamira Senador City Council

Senador José Porfírio City Council

Medicilândia City Council

Federal University of Pará (UFPA)

GRI 2-28

AFFILIATIONS

Norte Energia is affiliated with the following class associations and institutions:

Commercial, Industrial and Agropastoral Association of Altamira (Aciapa)

Federation of Industries of the State of Pará (Fiepa) / Center of Industries of Pará (CIP)

Brazilian Association of Electric Energy Generating Companies (Abrage);

Brazilian Association of Energy Traders (Abraceel)

Brazilian Association of Independent Power Producers (Apine)

Brazilian Association of Investors in Energy Self-Production (Abiape)

Brazilian Association of Business Communication (Aberje)

Brazilian Agency for Infrastructure and Basic Industries (ABDIB)

Brazilian Association of Electric Energy Companies (ABCE)

GRI 2-6, GRI 2-15, GRI 204-1, GRI 308-1, GRI 308-2, GRI 408-1, GRI 409-1, GRI 414-1

SUPPLIERS

Norte Energia prioritizes the hiring of suppliers from the region in order to contribute to the promotion of the region's socioeconomic development.

Contracting suppliers from other locations occurs when the service or product cannot be found or does not meet the quality criteria established by the company's regulations. In specific cases, it has been necessary to purchase via import, as Brazil did not produce the product.

We ended 2023 with a base of 2,508 active suppliers. During the period, 814 new registrations were made, as well as 2,753 updates and 2,309 deactivations. The permanence of suppliers in Norte Energia's active base is subject to technical performance and adherence to the company's regulations. Service agreements with suppliers in the state of Pará represent 30% of spending on suppliers in 2023. **[GRI 2-6, GRI 204-1]**

The material acquisition procedures adopted by the company are in line with the regulatory aspects of the electricity sector. Therefore, the acquisition of materials is conducted as established in the Electrical Sector Asset Control Manual (MCPSE), attached to Normative Resolution No. 674/2015, by Aneel.

In 2023, we implemented the process to approve, select and contract suppliers, which considers aspects of regularity, political and financial exposure and integrity. It is based on risk analysis and its purpose is to prevent and mitigate risks in these contracts.

In addition, for active contracts, the company carries out systematic monitoring of its suppliers through inspections and meetings conducted by a team specialized in the environment. On these occasions, a *check-list*t is applied and an assessment is made based on the environmental requirements that comply with Brazilian legislation. When the agreement is terminated, a form is also completed to assess the supplier's social and environmental performance.

In 2023, Norte Energia did not identify any terminations of business relationships as a result of the assessment or significant risks associated with negative environmental impacts.

All are now assessed according to socio-environmental requirements determined by the technical area and are only hired if they do not present observations in the ESG approval. **[GRI 308-1, GRI 414-1, GRI 414-2]**

Within the scope of the execution of active contracts, the inspection of Norte Energia did not report any operations or suppliers with cases of child labor, young people exposed to dangerous work, forced labor or similar to slavery. **[GRI 408-1, GRI 409-1]**

It is worth noting that the relationship with suppliers occurs through our Supply Superintendence and is guided by the Code of Conduct and Ethics and other company regulations. Norte Energia requires that its supply chain be in accordance with its specific policies on social and environmental issues, which are guided by the Equator Principles and the renewed commitment to climate, human rights and biodiversity. **[GRI 2-23]**

As it is a private company, Norte Energia's relationships with its suppliers are based on competition. The hiring processes that include values within the scope of the Executive Board are subject to evaluation by a support group linked to it, made up of representatives from different areas.

In the case of materials with exclusive supply or contracting of services that require notable knowledge, the process is conducted exceptionally through direct contracting and justifications issued by the requesting area.

GRI 2-23, GRI 205-2, GRI 407-1, GRI 408-1, GRI 409-1

Supplier Procurement Processes

Norte Energia is committed to ensuring that its hiring processes are aligned with ethical and legal standards. To achieve this goal, the company takes a comprehensive approach in three distinct stages:

PRE-HIRING
Risk Assessment and Compliance

Before hiring suppliers, Norte Energia, in addition to the information available on the Portal, approves aspects such as regularity (litigation), political, financial (economic, credit, default) and integrity exposure (restrictive lists, slave and child labor, adverse media). In addition, the company, in each contracting process, analyzes the certificates and applies a *due diligence* and conflict of interest questionnaire to potential suppliers. The responses are analyzed by the Risk Management, Internal Controls and Compliance team. Based on this information, the company determines whether the supplier can be hired, whether an action plan will be established, or whether the supplier will be rejected.

POST-HIRING
Commitment to Ethics and Human Rights

Norte Energia contracts include specific clauses that oblige the contractor to follow the guidelines established in the company's Code of Conduct and Ethics, as well as in its Human Rights Policy and Sustainability Policy. This measure aims to ensure that all parties involved in the company's operations act in accordance with the highest ethical and legal standards. **[GRI 205-2]**

INSPECTION
Ensuring Compliance and Security

Norte Energia's Occupational Health and Safety team carries out regular field inspections and documentary audits to verify legal compliance and suppliers' working conditions. In total, 515 suppliers were evaluated. Regarding previous cycles, 37 suppliers were assessed for their environmental impacts and 14 (for all of which improvements were agreed as a result of the assessment carried out) were identified as causing real negative impacts (change in air, soil and water quality, as well as use of natural resources) and potential impacts (change in water/soil quality with contamination of aquatic inhabitants; loss of fauna and flora individuals; contamination of soil, air and/or water; proliferation of pests and vectors). During this process, any inconsistency identified results in the opening of a Deviation Record, in which the necessary adjustments are documented and addressed to ensure technical and legal compliance. In more serious cases, such as suspected child labor or conditions analogous to slavery, the activity is immediately halted and the situation is reported to managers, the legal department and *compliance* for assessment and appropriate measures, which may include the immediate suspension of all contracts with the company in question. **[GRI 308-2]**

Through these processes, Norte Energia reaffirms its commitment to integrity, ethics and responsibility in all its operations and commercial relationships.

Furthermore, supplier contracting follows strict guidelines to ensure impartiality and transparency throughout the process. Suppliers that have shareholders, partners, directors or administrators with up to the third degree of blood relationship or affinity with company employees are not eligible for hiring.

When selecting suppliers of goods and services, technical and commercial aspects are considered objectively. If any family relationship is identified between an employee and a supplier, the employee will be immediately removed from the hiring process. The fact will be reported to the Superintendence of Risks, Internal Controls and *Compliance*.

Contracting takes place after the supplier has completed the Conflict of Interest Form and the Due Diligence Questionnaire and those documents are analyzed by Norte Energia. These assessments aim to mitigate conflicts of interest and identify potential conflicts between third parties and the company. **[GRI 2-15]**

GRI 207-1, GRI 3-3, POLITICAL, SOCIAL, ECONOMIC AND REGULATORY SCENARIO

TAX APPROACH

Norte Energia does not have a formal tax strategy, however, its tax approach is based on transparency and compliance with tax legislation. We follow all legal provisions and continually monitor changes in regulations and case law. Changes to our procedures are always preceded by careful analysis by internal and external legal advisors, which guarantees our social duty to comply with legislation.

In line with our values and principles, we adopt a stance of transparency and readiness before regulatory bodies. Tax compliance is considered strategic for the Company and compliance with its ancillary and main obligations is carried out in accordance with current legislation. At the same time, we seek, through lawful tax planning, to reduce our tax burden, becoming more efficient and generating better results for shareholders and other Stakeholders, through investments in the region of influence of the enterprise.

The results of the tax area activities (main obligations and accessory obligations) are audited annually by the company's external auditors and periodically by auditing and tax consultancy companies, in order to ensure tax compliance.

In Norte Energia's website (**https://www.norteenergiasa.com.br/investidores#docs**) financial statements and, consequently, the independent auditor's report relating to those can be downloaded. **[GRI 207-2]**

Given the magnitude of the Belo Monte HPP project and its location, the social impacts arising from tax management are significant for the region. In the table below, we highlight the amounts collected by Norte Energia for each municipality in the State of Pará in 2023, whether through the payment of its own taxes, taxes withheld at source from third parties or Financial Compensation for the Use of Water Resources (CFURH).

Charges and taxes by municipality (PA) 2023

Municipality	ISS	CFURH*	Total
Vitória do Xingu	8,218,547	60,321,269	68,539,816
Altamira	10,934,211	62,364,328	73,298,539
Anapu	664,715	-	664,715
Senador José Porfírio	217,182	-	217,182
Brasil Novo	-	29,227	29,227
Placas	69,686	-	69,686
Uruará	30,485	-	30,485
Total	**20,134,827**	**122,714,824**	**142,849,650**

*Financial Compensation for the Use of Water Resources

Financial Compensation for the Use of Water Resources (*Royalties*)

Financial Compensation for the Use of Water Resources (CFURH) for the Purposes of Generating Electric Energy corresponds to the compensation to be paid by hydroelectric power plants for the exploitation of water resources to generate electric energy. The amounts are collected by Aneel and distributed to states, municipalities and bodies under the direct administration of Union. CFURH was established by the Federal Constitution of 1988, in its article 20, § 1°, and regulated by Law nº 7.990/1989.

Every month, concessionaires allocate 7% of the value of the energy produced to Aneel, as Financial Compensation. The total to be paid is calculated according to a standard formula: **CF = 7% x value of energy generated in the month x.**

The amount collected is distributed by Aneel as follows:

0.75% of the value of the energy produced by the concessionaire (approximately 10.71% of the value collected by Aneel) is transferred to the Ministry of the Environment (MMA) for implementation of the National Water Resources Policy and the National Water Resources Management System, through the National Water Agency - ANA;

6.25% of the value of the energy produced by the concessionaire (approximately 89.29% of the value collected by Aneel) are passed on in the following proportions:

- **65%** to municipalities with hydroelectric plant reservoirs, according to the percentage of the flooded area and the transfer coefficient for upstream regularization;
- **25%** to the states with reservoirs of these plants, according to the sum of the resources dedicated to their municipalities (for the Federal District, the amount will correspond to the state and municipal shares);
- **10%** to Union, divided between the Ministry of the Environment (3%); the Ministry of Mines and Energy (3%) and the National Fund for Scientific and Technological Development (4%), administered by the Ministry of Science, Technology and Innovation.

ANEEL
Agência Nacional de Energia Elétrica

Payment of *Royalties*			
Municipality	**2021**	**2022**	**2023**
State of Pará	32,112,530.97	51,330,510.77	47,198,009.06
Altamira	42,431,374.51	67,824,741.26	62,364,327.51
Brasil Novo	19,885.40	31,785.49	29,226.95
Vitória do Xingu	41,041,320.62	65,602,800.23	60,321,269.11
FNDTC[1]	5,138,004.96	8,212,881.72	7,551,681.45
MMA[2]	3,853,503.72	6,159,661.29	5,663,761.09
MME[3]	3,853,503.72	6,159,661.29	5,663,761.09
ANA[4]	15.414.014.87	24,638,645.17	22,655,044.35
Total (BRL)	**143,864,138.75**	**229,960,687.22**	**211,447,080.61**

Note: Amounts actually paid in each year were considered for the data reported above.

[1]National Fund for Scientific and Technological Development
[2]Ministry of Environment and Climate Change
[3]Ministry of Mines and Energy
[4]National Water Agency

In order to adapt the methodology, the figures for the year 2021 were adjusted based on cash outflow values and not accrual values. **[GRI 2-4]**

GRI 201-4

Tax Incentives

Two tax incentives stand out at Norte Energia. The main one comes from the profit from exploration that is granted by the Superintendence for the Development of the Amazon (Sudam). Since 2018, the use of this mechanism has saved the company BRL 193,541 million.

The other incentive, which has a low impact on our financial results but is quite significant for local populations, is the State Program for Cultural Incentive (Semear), through which the government of Pará stimulates cultural and artistic production. The tax incentive converts a portion of the sponsorship value into ICMS credits. Based on this initiative, we sponsor cultural events in our area of operation – which, in the last four years, totaled BRL 1,245,295, an amount that converted into BRL 1,153,034 in credits from the Tax on Circulation of Goods and Provision of Services (ICMS).

In 2023, the company used BRL 331,142.42 in ICMS credits resulting from the tax benefit of the Semear Program. The values used in the year refer to the sponsorship carried out at the VI and VII Transamazônica Song Festival (Fecant) in 2021 and the Fecant Community in 2022.

Find out more **through the Reference Form, item 6.1/2 Shareholding position: https://www.norteenergiasa.com.br/investidores**

GRI 207-3, GRI 3-3, POLITICAL, SOCIAL, ECONOMIC AND REGULATORY SCENARIO

Stakeholders engagement and management of their concerns regarding taxes

Given the magnitude of Norte Energia's operation and the amount of its transactions and taxes collected, the company is subject to "monitoring of the largest taxpayers" by both the Brazilian Federal Revenue Service and the State of Pará Finance Department, resulting in constant contact and monitoring by the regulatory bodies.

In this context, the company adopts a transparent and collaborative approach in its relationship with tax authorities. This relationship is based on principles of integrity, compliance and respect for current tax regulations.

The approach to actions related to public policies is conducted through the electricity sector associations, of which Norte Energia is a member.

The processes to collect and evaluate the opinions and concerns of Stakeholders are diverse. As for shareholders, this collection is done through the Audit, Risk and *Compliance* Committee and the Financial Committee, which meet monthly. In addition, any external concerns may be collected through the various communication channels provided by the company, such as the institutional website and the Whistleblowing Channel. **[GRI 2-26]**

Pimental Substation and HPP.

GRI 201-1, GRI 3-3, POLITICAL, SOCIAL, ECONOMIC AND REGULATORY SCENARIO

ECONOMIC-FINANCIAL **PERFORMANCE**

During 2023, Norte Energia recorded a 4% increase in net operating revenue and reached BRL 5,764 millions. Despite this, the increase in operating expenses, energy sales costs and the acquisition of energy for resale, among other factors, resulted in a 7% reduction in the year's accumulated EBITDA[1], which reached BRL 3 million.

Several factors contributed to this performance. Among them, the increase in operating costs, the decision by the electrical system operator to divert a significant portion of the water intended for power generation to the spillway, the decrease in rainfall due to the El Niño phenomenon and the drop in the settlement price of differences (PLD), which, in 2023, remained at the minimum level of BRL 69.04/MWh.

The following financial statements were prepared in accordance with accounting practices adopted in Brazil, covering the standards of the Brazilian Securities and Exchange Commission (CVM), the pronouncements, interpretations and guidelines of the Accounting Pronouncements Committee (CPC), approved by the Federal Accounting Council (CFC), and the international financial reporting standards (IFRS), issued by the International Accounting Standards Board (IASB).

Furthermore, Norte Energia follows the guidelines contained in the Brazilian Electricity Sector Accounting Manual and the standards defined by the Brazilian Electricity Regulatory Agency (Aneel). The information presented in this Sustainability Report was verified internally, with the approval of senior management, and underwent a specific audit carried out by the consultancy Ernst & Young.

[1]EBITDA is the acronym for "Earnings Before Interest, Taxes, Depreciation, and Amortization". It is a financial measurement used to evaluate the operational performance of a company, excluding financial expenses, taxes, depreciation and amortization. EBITDA is often used by investors and analysts to compare performance between companies in different industries or to assess the financial health of a company in terms of its ability to generate operating profit.

Financial Statements

Main indicators (thousand BRL)	2022	2023	Var. 2022/2023 (%)
Net operating revenue	5,565,305	5,764,413	4%
Ebitda	3,216,227	2,999,816	-7%
Ebitda margin	57.8%	52.0%	-5.8 pp
Net income	-647,346	-850,814	31%
Investment	725,842	665,348	-8%
Net debt	27,683,001	27,488,596	-0.7%

DRE – Income Statement (thousand BRL)	2022	2023	Var. 2022/2023 (%)
Net operating revenue	5,565,305	5,764,413	4%
Energy sales costs	-1,776,928	-1,948,111	10%
Energy purchased for resale	-425,329	-565,880	33%
Transmission charges	-1,263,981	-1,342,589	6%
Operation and maintenance services	-87,618	-39,642	-55%
Operation costs	-2,268,629	-2,328,506	3%
Personnel, administrative and third party services	-107,641	-133,227	24%
Depreciation and Amortization	-1,683,861	-1,695,535	1%
Other	-477,127	-499,744	5%
Gross profit	1,519,748	1,487,796	-2%
Operating expenses	4,639	-196,056	-4,326%
Administrative	12,618	-183,515	-1,554%
Depreciation and Amortization	-7,979	-12,541	57%
Operating profit	1,524,387	1,291,740	-15%
Ebitda	3,216,227	2,999,816	-7%
Financial result	-2,287,174	-2,294,383	0%
Financial Income	235,784	275,685	17%
Financial expenses	-2,522,958	-2,570,068	2%
Loss before income tax and social contribution	-762,787	-1,002,643	31%
Current income tax and social contribution	0	0	
Deferred income tax and social contribution	115,441	151,829	32%
Loss of the period	-647,346	-850,814	31%

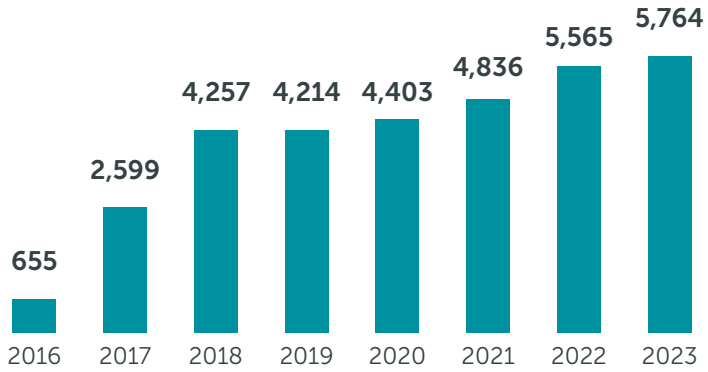
Note: It is important to highlight that during the period there were no crucial concerns and material impacts on the financial statement to be informed to senior management.

Investments (thousand BRL)	2022	2023	Var. 2022/2023 (%)
Investments	725,842	665,348	-8%
Construction work	137,581	3,743	-97%
Supply and assembly of equipment	126,654	90,788	-28%
Social and environmental	381,259	480,465	26%
Other	80,348	90,352	12%

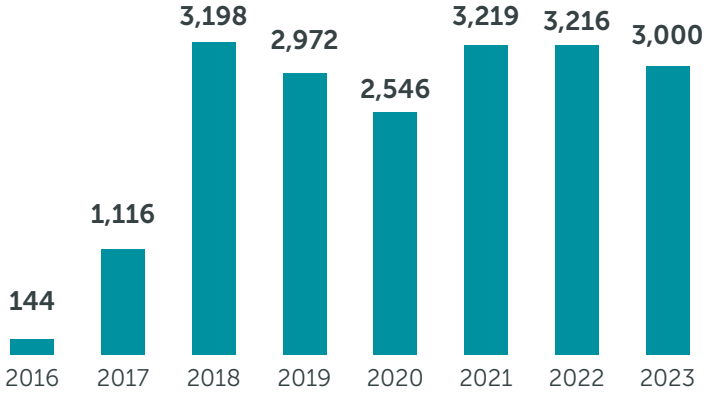
Learn more in our Financial Statements: **https://www.norteenergiasa.com.br/media/investor/docs/20240314-181140-618-93D1$df-4t2023.pdf**

Added Value Demonstration(thousand BRL) • GRI 201-1			
	2021	2022	2023
Income	5,619,423	6,453,632	6,726,380
Sales of goods, products and services	5,619,423	6,453,632	6,726,380
Inputs acquired from third parties	-1,527,597	-2,244,117	-1,948,111
Cost of products, goods and services sold	-1,006,375	-1,776,928	-1,948,111
Materials, Energy, Services of Third Parties and Others	-115,695	-135,539	-168,972
Other	-405,527	-331,650	-510,649
Gross Added Value	4,091,826	4,209,515	4,098,648
Retentions	-1,695,307	-1,691,840	-1,708,076
Depreciation, Amortization and Depletion	-1,695,307	-1,691,840	-1,708,076
Net Added Value Produced	2,396,519	2,517,675	2,390,572
Added value received in transfer	88,643	235,784	275,685
Financial Income	88,630	235,784	275,685
Other	13	0	0
Total Added Value to Distribute	2,485,162	2,753,459	2,666,257
Added Value Distribution	2,485,162	2,753,459	2,666,257
Staff	83,208	99,979	131,489
Direct compensation	53,050	61,165	80,155
Benefits	11,656	17,252	23,491
FGTS	4,461	5,146	6,874
Other	14,041	16,416	20,969
Taxes, fees and contributions	730,201	772,885	810,138
Federal	716,843	772,163	767,287
State	13,358	722	42,851
Remuneration of third-party capital	2,104,566	2,527,941	2,575,444
Interest	2,098,128	2,522,958	2,570,068
Rent	6,438	4,983	5,376
Equity remuneration	-432,813	-647,346	-850,814
Retained Earnings / Loss for the Period	-432,813	-647,346	-850,814

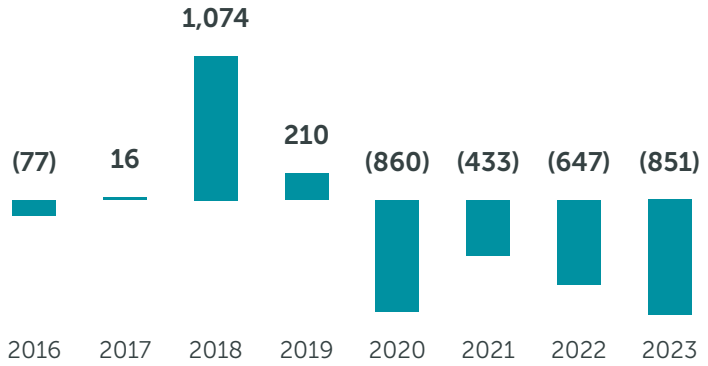
Net revenue (BRL thousand)



EBITDA (BRL million)



Net profit (BRL million)



The details of the 2023 results can be found in the Management Report, published together with the financial statements, as well as in the earnings releases, published quarterly, accompanied by the respective independent auditor's report. **[GRI 207-2]**

Click here: **https://www.norteenergiasa.com.br/investidores#docs**

10 ANNEXES

GRI 2-29, GRI 205-2, GRI 302-1 GRI 302-2, GRI 302-3 , GRI 304-4, GRI 305-1, GRI 401-3, GRI 405-1, GRI 413-1 EU5

GRI 302-1 , GRI 302-4

Energy consumption within the organization (GJ) *****

	2021	2022	2023
Fuels from non-renewable sources*	12,077,47	12,982.36	12,238.67
Diesel	4,154.32	4,599.22	4,670.37
Gasoline**	7,923.15	8,383.14	7,568.30
Fuels from renewable sources***			586.36
Ethanol***			586.36
Purchased electricity****		2,061.71	1,802.69
TOTAL	**12,930.11**	**15,004.07**	**14,627.72**

*These values represent the total amount of energy consumed by the organization from non-renewable sources, specifically diesel and gasoline, over the period analyzed.

The reduction in gasoline consumption in 2023 was due to the #VáDeEtanol program (page **124). It is a movement by the company to reduce its greenhouse gas emissions, with advertising and communication actions in the company in August 2023.

***In 2021 and 2022, the indicator was not managed. Conversion factors: National Secretariat for Energy Transition and Planning (SNTEP) - Annex VIII - Conversion factors.

****In 2021, the indicator was not managed.

*****Energy consumption for cooling, heating and steam is not applicable.

Note 1: Source - National Secretariat for Energy Transition and Planning (SNTEP) - Annex VIII - Conversion factors.
Power (1 kWh) = 0.036 GJ
Gasoline (1 L) = 0.03224 GJ
Diesel (1 L) = 0.0355 GJ
Ethanol (1 L) = 0.026 GJ,

GRI 302-3

Energy Intensity

	2022	2023
Generation of electric energy (MWh)	36,767,325.00	31,317,141.88
Energy consumption within the organization (GJ)	15,044.07	14,627.72
Energy intensity within the organization (GJ/MWh)	-	0.0004671
Energy consumption outside the organization (GJ)	23,315.01	93,964.16
Energy intensity within the organization (GJ/MWh)	-	0.003000407
Total energy intensity (GJ/MWh)	0.0010433	0.0034673

Source of conversion data: GHG Protocol.
Note: 1) There was a reduction in the net energy generated because that was what the flow allowed the project to generate; 2) There was an increase in Scope 3 emissions due to the improvements implemented. 3) It was considered in the total rate of fuels inside and outside the organization due to the generation of electric energy.

GRI 302-2

Energy consumption outside the organization

Energy consumption outside the organization (GJ)	2023
Diesel	51,911.10
Gasoline	33,942.70
Ethanol	80.59
LPG	317.88
Aviation kerosene	7,711.90
Purchased electricity	**93,964.16**

Note 1:
i) There was a reduction in net energy generation;
ii) There was an increase in Scope 3 emissions due to the improvements implemented

Note 2: Source: National Secretariat for Energy Transition and Planning (SNTEP) - Annex VIII - Conversion factors.
Gasoline (1 L) = 0.032 GJ
Diesel (1 L) = 0.035 GJ
Power (1 kWh) = 0.036 GJ
Ethanol (1 L) = 0.026 GJ,

Note 3: for the calculation, fuel consumption from Scope 03 of the Company's GHG Emissions Inventory was taken into account (categories: "*Upstream* Transportation and Business Travel")

GRI 401-3

Maternity/paternity leave

	Male	Female
Total number of employees	**348**	**127**
Employees who took leave	7	1
Total number of employees who returned to work after the end of their leave	7	1
Return-to-work rates and employee retention after leave	100%	100%
Total number of employees who returned to work after the end of maternity/paternity leave and remained employed twelve months after their return to work	7	0
Return to work rate	100%	100%
Work retention rate	233.33%	0

GRI 404-1, EU14

Average training hours by gender and functional category

Gender	Average hours trained by gender	Average hours trained by gender - total
Female	10:00:40	65:11:27
Male	08:50:17	60:44:57
Job category	**Average hours trained by category**	**Average hours trained in the category**
Leadership[1]	5:34:03	26:04:44
Middle managers and qualified technicians[2]	9:21:25	65:42:49
Professionals and support team[3]	4:56:10	18:23:52

[1] Direct leadership: directors and superintendents.
[2] Qualified middle managers and technicians: managers, administrators, specialists and analysts.
[3]Professionals and support team: administrative, technical and operational staff.

GRI 304-4

Total number of species included in the IUCN Red List and national conservation lists with *habitats* in areas affected by the organization's operations, broken down by level of extinction risk:

Extinction risk level	Code	2021	2022	2023
Critically endangered	CR	6	7	7
Endangered	EN	12	16	26
Vulnerable	VU	61	67	72
Near-Threatened	NT	26	30	32
Least Concern	LC	641	763	1,373
TOTAL	**-**	**746**	**883**	**1,510**

GRI 405-1

Percentage of employees by gender and job category in each of the following diversity categories

	Altamira	Altamira %	Brasília	Brasília %	Grand Total	Grand Total %
Leadership	10	100%	13	100%	23	100%
FEMALE	1	10%	2	15%	3	13%
MALE	9	90%	11	85%	20	87%
Middle managers and qualified technicians	169	100%	98	100%	267	100%
FEMALE	51	30%	40	41%	91	34%
MALE	118	70%	58	59%	176	66%
Professionals and support team	178	100%	7	100%	185	100%
FEMALE	33	19%		0%	33	18%
MALE	145	81%	7	100%	152	82%
Grand Total	**357**	**-**	**118**	**-**	**475**	**-**

Percentage of employees by age group and job category in each of the following diversity categories

	Altamira	Altamira %	Brasília	Brasília %	Grand Total	Grand Total %
Leadership	10	100%	13	100%	23	100%
31 to 50 years old	2	20%	8	62%	10	43%
Over 50 years old	8	80%	5	38%	13	57%
Middle managers and qualified technicians	169	100%	98	100%	267	100%
Up to 30 years old	18	11%	17	17%	35	13%
31 to 50 years old	125	74%	73	74%	198	74%
Over 50 years old	26	15%	8	8%	34	13%
Professionals and support team	178	100%	7	100%	185	100%
Up to 30 years old	57	32%	0	0%	57	31%
31 to 50 years old	100	56%	5	71%	105	57%
Over 50 years old	21	12%	2	29%	23	12%
Grand Total	**357**	**-**	**118**	**-**	**475**	**-**

GRI 305-1

Direct emissions (Scope 1) of greenhouse gases (GHG)

Total emissions identified across the organization • Operational Control approach				
GHG emissions in tonnes of CO_2 equivalent (tCOe)				
GHG	**Scope 1**	**Scope 2** Location-based approach	**Scope 2** Choice-based approach to purchasing	**Scope 3** (if applicable)
CO_2	684.448	19.678	-	9,566.914
CH_4	11.228	-	-	78.568
N_2O	55.915	-	-	169.335
HFCs	398.223	-	-	-
PFCs	-	-	-	-
SF_6	235.000	-	-	-
NF_3	-	-	-	-
TOTAL	**1,384.814**	**19.678**	**-**	**9,814.817**
Biogenic CO_2	173.366	-	-	1,258.127

Total emissions identified across the organization • Operational Control approach				
Biogenic CO_2 removal (tCO_2e)				
GHG	**Scope 1**	**Scope 2** Location-based approach	**Scope 2** Choice-based approach to purchasing	**Scope 3** (if applicable)
Biogenic CO_2	-	-	-	-

Other greenhouse gases not covered by the Kyoto Protocol (tCO_2e)	
GHG	**TCO_2e emissions**
HCFC-22	250.976

GRI 2-29

Approach to stakeholder engagement

Audience	Main Engagement Methods
Workforce/Family Members	• Norte Energia Digital Integration Platform (PID) (**https://pid.norteenergiasa.com.br/login?returnUrl=%2f**). • Internal Communications. •Clipping Norte Energia (digital newsletter aimed at leaders). • Newsletter. • Corporate TV. • Video Agenda aimed at CA members. • Our People Connection. • Management WhatsApp. • Strategic media analysis. • Executive communications report. • Breakfast with the Board. • Recognize You • Our People, Our North – 6 Pillars (Inspire, Evolve, Value, Support, Celebrate and Care). • Whistleblowing Channel.
Investors, Shareholders and Market Analysts	• "Investor Relations" section on our website (**https://www.norteenergiasa.com.br/investidores**). • Results Center. • Market announcements. • Sustainability reports (**https://www.norteenergiasa.com.br/sustentabilidade/relatorios-e-publicacoes**); visitas *in loco* e relatórios trimestrais da auditoria independente enviada pelos bancos financiadores. • Disclosure of relevant facts and notices to shareholders and conference calls. • Disclosure of Reference and Registration Forms. • Holding shareholders' meetings. • Sending of e-mail marketing.
Customers - Free Market	• Free Energy Market - customers have the freedom to choose their supplier and can buy directly from the Belo Monte Hydroelectric Power Plant, without intermediaries, with savings and predictability. A reference in the electricity market, Norte Energia offers customized contracts for its customers, in any region of Brazil. Norte Energia offers the solidity and reliability of one of the largest energy companies in the country. • REC- International Renewable Energy Certificates are titles that prove that the electricity consumed comes from a renewable source, but do not necessarily need to be linked to a specific energy supply contract. By purchasing I-REC from Norte Energia, the company becomes a pioneer in low-carbon economy. In 2023, we traded 1,384,197 I-RECs**[GRI EU5 e GRI 2-29]** For further information: **https://www.norteenergiasa.com.br/mercado-livre-de-energia#porque-comprar**

GRI 2-29

Approach to stakeholder engagement

Audience	Main Engagement Methods
Community and Society [GRI 413-1]	• Belo Monte 24-hour Central • Belo Monte Informa • Contact Us (**https://www.norteenergiasa.com.br/fale-conosco**). • Work with Us (**https://www.norteenergiasa.com.br/institucional/trabalhe-conosco**). • "Sustainability" section of the website (**https://www.norteenergiasa.com.br/sustentabilidade**). • Norte Energia Indicators Center(**http://indicadores-sustentabilidade.norteenergiasa.com.br**). • Social media. • Reputation survey. • Advertising campaign. • Visit Belo Monte Program visit program • Whistleblowing Channel.
Press and Opinion Makers	• "In the Press" section of the website (**https://www.norteenergiasa.com.br/imprensa/saiu-na-imprensa**); • "Stay up to date with Norte Energia news" on the website (**https://www.norteenergiasa.com.br/noticias**); • Preparation and distribution of press releases to disclose relevant data and invitations for interviews via website, email or WhatsApp for journalists; • Press service via email and telephone exclusively for journalists; • Press conferences; • Whistleblowing Channel.
Partners and Sponsors	Our work in the Sponsorship area focuses on projects to encourage culture, sport and the well-being of the communities surrounding the Belo Monte Plant, in order to boost the sustainable development of the region in which we operate. By sponsoring events, exhibitions and artistic initiatives, we seek to enrich the cultural life of our community and preserve local traditions. Our contribution is recognized by the government of Pará, which, through the State Secretariat of Culture, granted the "Selo Cultura Pará - Empresa Parceira da Cultura" to Norte Energia. Investing in sports practices recognizes sport as a valuable tool to unite communities and promote healthy lifestyles. In addition to the "Belo Monte HPP – Energia do Xingu" initiative, with street races and cycling and beach volleyball events.

GRI 205-2

Total number and percentage of employees who were informed about the anti-corruption policies and procedures adopted by the organization, detailed by functional category and region.

FUNCTIONAL CATEGORIES	Altamira					Brasília					Grand Total %	
	Training					Training						
	Total Employees Altamira	Yes	Yes (%)	No	No (%)	Total Employees Brasília	Yes	Yes (%)	No	No (%)	Yes	No
Leadership	10	10	100.00%	0	0.00%	13	13	100.00%	0	0.00%	100.00%	0.00%
Middle managers and qualified technicians	169	169	100.00%	0	0.00%	98	98	100.00%	0	0.00%	100.00%	0.00%
Professionals and support team	178	178	100.00%	0	0.00%	7	7	100.00%	0	0.00%	100.00%	0.00%
Grand Total	**357**	**357**	**-**	**0**	**-**	**118**	**118**	**-**	**0**	**-**	**100.00%**	**0.00%**

Total number and percentage of employees who received training in combating corruption, broken down by employee category and region.

FUNCTIONAL CATEGORIES	Altamira					Brasília					Grand Total %	
	Training					Training						
	Total Employees Altamira	Yes	Yes (%)	No	No (%)	Total Employees Brasília	Yes	Yes (%)	No	No (%)	Yes	No
Leadership	10	10	100.00%	0	0.00%	13	11	84.62%	2	15.38%	91.30%	8.70%
Middle managers and qualified technicians	169	169	100.00%	0	0.00%	98	98	100.00%	0	0.00%	100.00%	0.00%
Professionals and support team	178	178	100.00%	0	0.00%	7	7	100.00%	0	0.00%	100.00%	0.00%
Grand Total	**357**	**357**	**-**	**0**	**-**	**118**	**116**	**-**	**2**	**-**	**99.58%**	**0.42%**

*99.58% of employees completed the Integrity Program training, which involves anti-corruption practices, with 43% completing the training in 2023.

Our Diversity Survey

According to our diversity research, we are a group formed by a self-declared majority of brown skin color, male, heterosexual and in the age group of 30 to 50 years old.

Majority self-declared

- brown skin color,
- male,
- heterosexual,
- between 30 and 50 years old

In terms of race/color, our group reflects the profile of Brazilian society. According to the latest IBGE census (2022), for the first time, brown people are the majority of the Brazilian population (45.3%). In our survey, 43.8% declared themselves to be brown; followed by self-declared whites, 41.1% and blacks, 11.9%.
In our team, we have a very low, but present, representation of indigenous people (0.7%). However, this number is close to the rate of Brazilians who declared themselves indigenous in the 2022 IBGE census: 0.8%

Still in relation to the census, the number of self-declared black people in our research is greater than the portion of the self-declared Brazilian population. According to the 2022 census, 10.2% of the population declared themselves black. At Norte Energia, 11.9% identify as black. In any case, we understand there are still opportunities at Norte Energia for affirmative policies in favor of better statistics for black people in all instances and professional categories in the company, supported by the Racial Equality Statute. (Law n. 12.288/2010).

Regarding gender, our group does not reflect the profile of the Brazilian population, which is made up of a majority of women (51.5%). In our staff, we have 22% women. However, it is a higher number than the average for the Brazilian electricity sector of 20.81%, according to research carried out by the Brazilian Electricity Regulatory Agency in 2023.[1]. Regarding sexual orientation, the research reveals a predominantly cisgender and heterosexual group. However, it is not homogeneous.

Regarding respect for each person's particularities and personal characteristics, the survey showed that 95.6% feel respected in the company.

[1] https://sindienergia.org.br/2024/03/08/mulheres-no-setor-de-energia-um-desafio-de-mudanca/

COMMITTEE		
AUDIT, COMPLIANCE AND RISK		
	COMPANY	NAME
1	ELETRONORTE	Erika Vaz de Moura
2	ELETRONORTE	Ana Lúcia da Silva Correia
3	CHESF	Eduardo Arruda Câmara
4	CHESF	Andréa Simão dos Santos
5	ELETRONORTE	Leonardo Andrade Simon
6	ELETRONORTE	Suelaine Brandão Caldas Sena
7	PETROS	VACANT
8	PETROS	VACANT
9	FUNCEF	Tassio Araujo Vieira
10	FUNCEF	Rodrigo Leandro Andretto
11	BELO MONTE	Rodolfo Fernandes Rocha
12	BELO MONTE	Mariana Cerqueira
13	AMAZON	Daniel Peconick Silva
14	AMAZON	VACANT
15	ALIANÇA	José Victor Vieira da Silva Souza
16	ALIANÇA	Rogério Hazana Carvalho
17	**COORDINATOR**	**Leonardo de P. Rocha - Coorden.**

COMMITTEE		
MANAGEMENT		
	COMPANY	NAME
1	ELETROBRAS	VACANT
2	ELETROBRAS	Rodrigo Palmerim Sousa
3	CHESF	Adriano Cavalcanti de Souza
4	CHESF	Fernando Antonio Souza Ribeiro
5	ELETRONORTE	Jorge Carlos Silva Lustosa
6	ELETRONORTE	Jarbas Augusto Abreu Martinho
7	PETROS	VACANT
8	PETROS	VACANT
9	FUNCEF	Emerson Tetsuo Miyazaki
10	FUNCEF	Everton Costa Lara
11	BELO MONTE	Marcelo Jose Cavalcante Lopes
12	BELO MONTE	José Paulo Werberich
13	AMAZON	Ronaldo Alves Pereira Pires
14	AMAZON	VACANT
16	ALIANÇA/VALE	Andrea Jota Lizardo
15	ALIANÇA/VALE	Walles de Jesus Lopes Pereira
17	**ADVISER**	**Nélio Henriques Lima**

COMMITTEE		
ENVIRONMENT		
	COMPANY	NAME
1	ELETROBRAS	Anibal Rodrigues Silva
2	ELETROBRAS	Carlos Frederico S. Menezes
3	CHESF	Elvídio Landin do Rego Lima
4	CHESF	Luciana Borges D. Nogueira
5	ELETRONORTE	VACANT
6	ELETRONORTE	VACANT
7	PETROS	VACANT
8	PETROS	VACANT
9	FUNCEF	Sâmea Lacerda Lima
10	FUNCEF	Emerson Tetsuo Miyazaki
11	BELO MONTE	Fabiane Reis
12	BELO MONTE	José Paulo Werberich
13	AMAZON	Rafael Augusto Fiorine
14	AMAZON	Felipe Pinheiro da Cruz
16	ALIANÇA/VALE	Monicke Vieira
15	ALIANÇA/VALE	Humberto Ribeiro Mendes Neto
17	**COORDINATOR**	**Marcelo José Cavalcanti Lopes**

COMMITTEE		
OPERATION AND MAINTENANCE		
	COMPANY	NAME
1	ELETROBRAS	Daniel Bruno da Silva
2	ELETROBRAS	Alexandre Freire Magalhães
3	CHESF	Fernando Xavier da Silva
4	CHESF	Willamy Janny F. da Silva
5	ELETRONORTE	Antonio Augusto Bechara Pardauil
6	ELETRONORTE	Carlos Roberto Boscaini Júnior
7	PETROS	Vacant
8	PETROS	Vacant
9	FUNCEF	Victor Ludovico de Almeida
10	FUNCEF	Bruno Silva de Castro
11	BELO MONTE	José Paulo Werberich
12	BELO MONTE	Márcio de Mattos Manus
13	AMAZON	Márcio Gustavo Dias Guimarães
14	AMAZON	Renato Osório Ferreira
15	ALIANÇA/VALE	Felipe Fialho Gonçalves de Souza
16	ALIANÇA/VALE	Henrique Siqueira de Castro
17	**COORDINATOR**	**Jonatan Ross**

COMMITTEE		
REGULATION AND COMMERCIALIZATION		
	COMPANY	NAME
1	ELETROBRAS	Marcelle Caroline T. Brito
2	ELETROBRAS	Luiz Carlos Gomes Teixeira
3	CHESF	Ricardo José C. Silva
4	CHESF	Safira Mergulhão da Costa
5	ELETRONORTE	Janilson Martins da Silva
6	ELETRONORTE	Ivan Rezende
7	BELO MONTE	David Benavent del Prado
8	BELO MONTE	Claudia Maria Suanno
9	FUNCEF	Paulo Andres Villacorta Guimaro Siqueira
10	FUNCEF	Emerson Tetsuo Miyazaki
11	PETROS	VACANT
12	PETROS	VACANT
13	AMAZON	Marcus Vinícius C. Lobato
14	AMAZON	VACANT
15	ALIANÇA	Tatiane Pinho Teixeira
16	ALIANÇA	Ronaldo Alves Pereira Pires
17	**COORDINATOR**	**LUIZ EDUARDO BARATA**

COMMITTEE		
INSURANCES		
	COMPANY	NAME
1	ELETROBRAS	Pedro Henrique C. Motta
2	ELETROBRAS	Juliana Nascimento Lago
3	CHESF	Marcelo Vasconcelos Nader
4	CHESF	Ângelo Coelho de Andrade
5	ELETRONORTE	Luciana Moreira L. Bonaccorsi
6	ELETRONORTE	Danielle S. Abreu
7	PETROS	VACANT
8	PETROS	VACANT
9	BELO MONTE	Simone da Natividade Moraes
10	BELO MONTE	Alexandre Macedo Leitão
11	FUNCEF	VACANT
12	FUNCEF	VACANT
13	AMAZON	Ronaldo Alves Pereira Pires
14	AMAZON	Guilherme Renout de Mattos
15	ALIANÇA	Carolina Rodriguez T. Andrade Weber
16	**ALIANÇA**	**Haroldo Alves de Araújo**

COMMITTEE		
FINANCIAL		
	COMPANY	**NAME**
1	ELETROBRAS	Marcos Barreto de Faria Pinho
2	ELETROBRAS	Tiago Rinaldi Meyer
3	CHESF	Fernando Henrique Costa Pinheiro
4	CHESF	Cláudia Regina Urnau Schaff
5	ELETRONORTE	Cristina Rabelo Engelke
6	ELETRONORTE	Rafael Schaffer Vargas
7	PETROS	Juliana Maia Lima
8	PETROS	Alexandre Dias Miguel
9	FUNCEF	Emerson Tetsuo Miyazaki
10	FUNCEF	Ruy Nagano
11	BELO MONTE	Raphaela Sayuri Yamamoto
12	BELO MONTE	Isabel Girão
13	AMAZON	Frederico Terra Fonseca
14	AMAZON	Gustavo Werneck
15	ALIANÇA	Nélio Marinho
16	ALIANÇA	Walles de Jesus Lopes Pereira
17	**COORDINATOR**	**Leonardo de P. Rocha - Coorden.**

COMMITTEE		
TECHNICAL		
	COMPANY	**NAME**
1	ELETROBRAS	Tatiana Araújo de Souza
2	ELETROBRAS	Leonardo de Oliveira G. Deotti
3	CHESF	Décio Cavalcanti Lima
4	CHESF	Alberto Medeiros de Carvalho Lopes
5	ELETRONORTE	Gilberto Tannus Elias - Vice Coordenador
6	ELETRONORTE	Carmo Gonçalves
7	PETROS	VACANT
8	PETROS	VACANT
9	FUNCEF	Victor Ludovico de Almeida
10	FUNCEF	Bruno Silva de Castro
11	BELO MONTE	Márcio Mattos Manus
12	BELO MONTE	José Paulo Werberich
13	AMAZON	Jáder de Sousa Dias
14	AMAZON	Renato Osório Ferreira
15	ALIANÇA	Felipe Fialho Gonçalves de Souza
16	ALIANÇA	Walles de Jesus Lopes Pereira
17	**ADVISER**	**Jonatan Ross - Coorden.**

COMMITTEE		
SUSTAINABILITY		
	COMPANY	**NAME**
1	ELETRONORTE	Rodrigo Limp do Nascimento
2	ELETRONORTE	Ana Silvia Matte
3	PETROS	Nelio Henriques Lima
4	BELO MONTE	Solange Maria Pinto Ribeiro
5	ALIANÇA	Ludmila Brasil
6	**INDEPENDENT**	**Marina Grossi - Coordinator**

GRI 411-1

Civil actions

Process	Parties	Subject Matter	Summary of progress 2023
Public Civil Action N. 0001655-16.2013.4.01.3903	Plaintiff: Federal Prosecution Service Defendant: Norte Energia	This is a Public Civil Action proposed by the Federal Prosecution Servicey - MPF aiming at the creation of an indigenous reserve for the Jurunas community of Km 17. Furthermore, he requested compensation for alleged damages suffered by this group, due to the delay in carrying out such action. Regarding moral damages, the MPF alleged the creation of the reserve would be Norte Energia's obligation and the delay in compliance would have caused damage to the community's way of life, to the sociocultural integrity, to the dignity of these indigenous people and to their recognition as a people endowed with special value.	In 2022, the expert appointed to carry out an assessment of alleged damages suffered by indigenous people from the Juruna km 17 community requested to be removed for personal reasons. On 1Sep 19,2023, a decision was made for the expert to inform whether she would be interested in resuming the work, since it had already been started by her. In response, the expert informed that she reiterated her request for removal.
Public Civil Action N. 0000655-78.2013.4.01.3903	Plaintiff: Federal Prosecution Service, Indigenous Associations (co-litigant) Defendants: Norte Energia, Ibama, Funai	This is a Public Civil Action proposed by the Federal Prosecution Service – MPF to: (i) declare the unfeasibility of the Belo Monte HPP, while the actions to protect the Indigenous Lands are not implemented; (ii) recognize the ineffectiveness of Funai's approval for the Installation License, due to alleged non-compliance with conditions; and (iii) implement the Emergency Plan for the Protection of the Indigenous Lands of the Middle Xingu. It was alleged that failure to comply with obligations related to the territorial protection of indigenous people would imply a situation of vulnerability for indigenous people, putting the survival of these groups at risk. Furthermore, it is argued that the conditions were imposed to guarantee the right of these peoples to enjoy their territories and reproduce their customs, so that failure to comply would result in a violation of said rights.	In 2022, a decision was issued, which determined the suspension of the action until final judgment of Extraordinary Appeal 1379751 (related to the validity of Legislative Decree 788/2005). The MPF filed a Statement of Clarification against this decision. In 2023, the parties filed Counter-arguments to the MPF's Statement of Clarification, which are pending judgment.
Public Civil Action N. 0028944-98.2011.4.01.3900	Plaintiff: Federal Prosecution Service, Indigenous Associations Defendants: Norte Energia, Union	This is a Public Civil Action proposed by the Federal Prosecution Service - MPF to (i) prevent the construction of Belo Monte, due to the alleged removal of indigenous peoples and violation of the rights of future generations and nature; and (ii) ensure compensation to the Arara and Juruna indigenous peoples and riverside dwellers for impacts and loss of biodiversity. It was alleged that the impacts of the project could lead to territorial insecurity and social disruption of the groups in the Paquiçamba and Arara da Volta Grande Indigenous Lands, as well as their removal from the place where they live (Volta Grande do Xingu).	In 2014, a judgment was handed down, which dismissed the action, against which the MPF filed an Appeal. In May 2023, the 6th Panel dismissed the MPF's Appeal. The MPF and the Indigenous Associations filed a Statement of Clarification against the ruling. The other parties filed counter-arguments to the Statement of Clarification, which are pending judgment.
Public Civil Action N. 0025799-63.2013.4.01.3900	Plaintiff: Federal Prosecution Service, Indigenous Associations (co-litigant) Defendants: Norte Energia, BNDES, Ibama	This is a Public Civil Action proposed by the Federal Prosecution Service - MPF to determine the carrying out of Complementary Studies to verify possible interference of the project in the Bacajá River. It was alleged that Preliminary License No. 342/2010 and Installation License No. 795/2011 were granted without properly considering and predicting the impacts of the work on the Xikrin people, of the Trincheira-Bacajá Indigenous Land. For this reason, there would have been an offense to fundamental legal interests of an extra-patrimonial nature held by this community that would give rise to collective moral damages.	In 2015, a judgment was handed down, which dismissed the initial requests. The MPF filed an Appeal. In May 2023, the 6th Panel of the TRF1 denied the MPF's appeal and granted the BNDES's appeal. In August 2023, an expanded trial was held, which, by majority, denied the MPF's Appeal. The MPF filed a Statement of Clarification against the ruling and the other parties filed Counter-arguments to the Statement of Clarification, which are pending judgment.
Public Civil Action N. 0002387-26.2015.4.01.3903	Plaintiff: Federal Public Defender's Office Defendants: Norte Energia, Union, ANA, BNDES, Funai, Ibama	This is a Public Civil Action proposed by the Federal Public Defender's Office - DPU to discuss alleged damages of various natures that the Belo Monte HPP would be causing in the Volta Grande of the Xingu River, such as damage to nature and impacts on indigenous and riverside communities and other agents of the local economy, such as boatmen, cart drivers and artisanal fishermen. Specifically regarding indigenous peoples, the DPU alleged that Norte Energia had used a "policy of giving gifts" with this group, which would be encouraging the destruction of their way of life and cultural identity.	In June 2023, a judgment was handed down, which extinguished the case without judgment on the merits, accepting the DPU's request by recognizing the *lis pendens* with other lawsuits. **The case was filed in August 2023.**
Public Civil Action N. 0001605-82.2016.4.01.3903	Plaintiff: Federal Prosecution Service, Federal Public Defender's Office (co-litigant) Defendants: Norte Energia, Union, Incra	This is a Public Civil Action proposed by the Federal Prosecution Service - MPF, to evict the Arara da Volta Grande do Xingu Indigenous Land and relocate the good-faith occupants.	In 2021, a sentence was handed down. It partially upheld the initial requests, ordering only Incra to complete the process of relocating the families occupying the Arara da Volta Grande Indigenous Land in good faith. The MPF and Incra filed an Appeal. In May 2023, a decision was issued, which ordered Incra to take measures, due to its conviction, and Incra presented information about the Emergency Relocation Plan. In October 2023, Norte Energia requested that partial final judgment be certified in relation to the claims related to it, given that there was no conviction imposed on the company. The company's request awaits consideration.
Action to Compel Action No. 1003611-98.2023.4.01.3903	Plaintiff: Indigenous Association of the Arara People of Cachoeira Seca Defendant: Norte Energia	This is an action proposed by the Indigenous Association of the Cachoeira Seca People to order Norte Energia to pay a monthly and ongoing fee for the hiring of legal and accounting advice to indigenous communities, as a form of environmental compensation resulting from the Belo Monte HPP project, especially due to legal and administrative demands involving impacts on the Arara people's way of life resulting from the Belo Monte HPP.	In August 2023, Norte Energia presented its Preliminary Statement. In October of the same year, a decision was issued denying the preliminary injunction request. In November 2023, Norte Energia filed its Response. In December 2023, a judgment was handed down, which dismissed the initial request. No appeal was filed. **The case was definitively archived.**

Process	Parties	Subject Matter	Summary of progress 2023
Public Civil Action N. 0000709-88.2006.4.01.3903 (RE nº 1.379.751)	Plaintiff: Federal Prosecution Service, Indigenous Associations (interested party) Defendants: Brazilian Power Plants, Northern Power Plants, Union, Ibama **Norte Energia is not a party to this process*	This action aims to discuss the legality of Legislative Decree No. 788/2005, due to the alleged lack of consultation with indigenous peoples.	In 2023, the virtual trial of the Internal Appeals filed against a decision that denied the Extraordinary Appeals filed by Centrais Elétricas Brasileiras SA – Eletrobras; Centrais Elétricas do Norte do Brasil S/A – Eletronorte; Ibama; and the Union began. Rapporteur Justice Alexandre de Moraes denied the Internal Appeals, but considered the following: *"Despite the decisions above from the court of origin, the strategic importance of the Belo Monte Hydroelectric Power Plant for the country must be taken into account. The interruption of its operation would imply drastic losses to the Treasury and, consequently, to the public interest, since the plant has been in operation since November 2015. Therefore, considering the consequences that may arise from the invalidation of the operating license of the plant in question and the uncertainty regarding the degree of impact on the indigenous communities that are affected by the project, I understand that it is not the case to invalidate the environmental licensing, much less, to paralyze the operation of the Belo Monte HPP."* Justice Luís Roberto Barroso requested to examine the case records**.**
Public Civil Action N. 0003017-82.2015.4.01.3903	Plaintiff: Federal Prosecution Service, Indigenous Associations (interested parties), Federal Public Defender's Office (co-litigant) Defendants: Norte Energia, Union, Ibama, Funai	This is a Public Civil Action proposed by the Federal Prosecution Service– MPF to recognize that, as it is being implemented, the Belo Monte HPP is promoting the destruction of the way of life of indigenous groups in the middle Xingu. Therefore, it requested judicial intervention in the implementation of the Indigenous Component of the Belo Monte HPP, in order to guarantee the effectiveness of impact mitigation, for the ethnic survival of the affected indigenous groups.	In October 2023, a decision was issued granting an extension of the deadline for the MPF to present the questions, under penalty of rejection of the expert evaluation. Norte Energia was ordered to attach the excerpt from the video that records the expression of opposition by indigenous communities regarding the implementation of the Indigenous Committee, or the refusal to engage in dialogue in this space, as well as the reasons for this. Following Norte Energia's statement, the MPF summoned Indigenous Associations to speak out on the same topic. Norte Energia then requested that the video section in which compliance with the preliminary decision is discussed be attached. In doing so, it reiterated its requests that the suspension of the deadline for compliance with the preliminary decision be maintained and that Funai be summoned to state its position regarding the unfeasibility of implementing the Indigenous Committee, the Deliberative Council and the External Monitoring Committee provided for in the PBA-CI Management Plan. In December 2023, an ordinary act was issued, summoning the Plaintiffs to comment on Norte Energia's petition and the video presented.
Public Civil Action N. 1005311-06.2023.4.01.3905	Plaintiff: Federal Prosecution Service Defendants: Norte Energia, Union, Funai, Ibama	This is a Public Civil Action proposed by the Federal Prosecution Service - MPF to impose on the defendants the obligation to guarantee drinking water to the Parakanã indigenous people of the Apyterewa Indigenous Land on an emergency basis and to implement the Water Supply Systems (SAA) to all villages of the Apyterewa TI. it also requested the defendants be jointly and severally liable for the payment of BRL 1,000,000.00 (one million reais) as compensation for collective moral damages, regarding the violation of the indigenous community. It was argued that *"the right to drinking water and sanitation constitutes a human right essential to the full enjoyment of life and all human rights" and* that *"the scarcity of water within the villages in the Apyterewa Indigenous Land, and the lack of assistance from the authorities, causes the indigenous people to consume contaminated and inappropriate water, as a means of guaranteeing their own survival. Now, by denying the supply of drinking water, the defendants end up preventing or critically hindering the enjoyment of basic rights".*	The action was filed on 11/17/2023. On the same date, a decision was issued granting the precautionary request, determining that Norte Energia should supply drinking water to the villages of the Apyterewa IT and present a plan and schedule for the implementation of the Water Supply Systems and maintenance of the existing ones. On 11/24/2023, Norte Energia filed Instrument Appeal No. 1046954-19.2023.4.01.0000 against the preliminary decision. Subsequently, on 12/1/2023, Norte Energia filed a Suspension of Preliminary Injunction No. 1047739-78.2023.4.01.0000, through which the decision of the main action was suspended and determining that the Public Authority would be responsible for supplying water to the villages. On 12/4/2023, a decision was issued, maintaining the appealed decision, but suspending its effects due to the decision issued in the Suspension of Preliminary Injunction.

For further information: https://mwss.norteenergiasa.com.br/sites/norteenergiaacp/_layouts/15/start.aspx#/Shared%20Documents/Forms/AllItems.aspx?RootFolder=%2Fsites%2Fnorteenergiaacp%2FShared%20Documents%2FRelat%C3%B3rio%20de%20Sustentabilidade&FolderCTID=0x0120004D0B51AFA25C79409ED21147313BF77E&View=%7B7C20A60F%2DCB5D%2D42A4%2DADBD%2D3A48999DC487%7D

GRI 306-3, GRI 306-4, GRI 306-5

Waste Generated (ton)	2022	2023
Class I Waste (Hazardous)	39.45	13.34
Class II Waste (Non-Hazardous)	130.82	94.09
Total weight of waste generated	**170.27**	**107.42**
Waste not intended for final disposal (in ton)	**2022**	**2023**
Class I Waste (Hazardous)	**12.75**	**0.66**
Preparation for reuse	0.00	0.00
Recycling	0.05	000
Other recovery operations	12.70	0.66
Class II Waste (Non-Hazardous)	**8.95**	**6.23**
Preparation for reuse	0.00	0.00
Recycling	0.00	0.00
Other recovery operations	8.95	6.23
Total	**21.70**	**6.89**
Waste intended for final disposal (ton)	**2022**	**2023**
Class I Waste (Hazardous)	**26.70**	**12.68**
Incineration (with energy recovery)	0.00	0.00
Incineration (without energy recovery)	0.11	0.00
Landfill	0.00	0.00
Other disposal operations	26.59	12.68
Class II Waste (Non-Hazardous)	**121.87**	**87.86**
Incineration (with energy recovery)	0.00	0.00
Incineration (without energy recovery)	0.00	0.00
Landfill	106.64	82.14
Other disposal operations	15.23	5.72
Total	**148.57**	**100.54**
Outside the organization	**139.11**	**100.54**
Within the organization	**9.46**	**0.00**

Estimation of stored waste generated	2022	2023
Class I Waste (Hazardous)	39.45	29.37
Class II Waste (Non-Hazardous)	130.82	41.19
Total weight of waste generated	**170.27**	**70.56**
Estimation of stored waste not intended for final disposal	**2022**	**2023**
Class I Waste (Hazardous)*	**12.75**	**29.37**
Preparation for reuse	0.00	0.00
Recycling	0.05	17.42
Other recovery operations	12.70	11.95
Class II Waste (Non-Hazardous)	**8.95**	**41.19**
Preparation for reuse	0.00	0.00
Recycling	0.00	28.43
Other recovery operations	8.95	12.76
Total	**21.70**	**70.56**
Estimation of stored waste not intended for final disposal	**2022**	**2023**
Class I Waste (Hazardous)	**26.70**	**0.00**
Incineration (with energy recovery)	0.00	0.00
Incineration (without energy recovery)	0.11	0.00
Landfill	0.00	0.00
Other disposal operations	26.59	0.00
Class II Waste (Non-Hazardous)	**121.87**	**0.00**
Incineration (with energy recovery)	0.00	0.00
Incineration (without energy recovery)	0.00	0.00
Landfill	106.64	0.00
Other disposal operations	15.23	0.00
Total	**148.57**	**0.00**

Note 1: The table considers the waste stored in the Discarded Materials Center (CMD). This waste is destined for the appropriate purposes when it reaches the ideal load, considering the logistical conditions of the region. To report these, we therefore estimate the final weight of each residue.
*Class I Waste (hazardous) also includes waste that was not discarded at the end of 2022 for strategic reasons for the company.
Note 2: The estimated data in this table have not been subject to external audit.

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GRI, SASB AND EQUATOR PRINCIPLES CONTENT INDEX

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Applicable GRI Sector Standard(s)	Eletric Utilities

GRI Standard	Disclosure	Location	Omission			Equator Principles
			Requirement omitted	Reason	Explanation	
GRI 2: General Disclosures 2021	2-1 Organization details	pages 14, 15, 22, 43 and 205				
	2-2 Entities included in the organization's sustainability report	pages 7, 8, 14, 15 and 205				
	2-3 Reporting period, frequency and contact point	pages 7, 8, 199 and 205				EP 5, EP 6, EP 10
	2-4 Restatements of information	pages 63, 66 and 160				
	2-5 External assurance	pages 7, 8 and 198				EP 7, EP9
	2-6 Activities, value chain and other business relationships	pages 14, 15, 16, 43, 47, 127, 128, 131, 132, 133 and 156				EP 1
	2-7 Employees	pages 63, 66 and 67				
	2-8 Workers who are not employees	pages 63 and 67				
	2-9 Governance structure and its composition	pages 23, 24, 26 and 27	c. i, iii, iv, v, vi, vii, viii	Confidentiality	The omission is due to the strategic nature of the information for Norte Energia.	
	2-10 Nomination and selection of the highest governance body	pages 23, 26 and 27	b.ii. diversity	incomplete information	Nominations of members for the highest governance body are made by shareholders, over which Norte Energia has no influence regarding the criteria taken into consideration in the nomination.	
	2-11 Chair of the highest governance body	pages 23 and 28				
	2-12 Role off the highest governance body in overseeing the management of impacts	pages 23, 26, 27 and 29				EP 6
	2-13 Delegation of responsibility for managing impacts	pages 23, 27, 49 and 50				
	2-14 Role off the highest governance body in sustainability reporting	pages 8, 9, 23 and 43				
	2-15 Conflicts of interest	pages 23, 33, 47, 127, 156 and 157				
	2-16 Communication of critical concerns	pages 23, 34 and 36				

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GRI Standard	Disclosure	Location	Omission			Equator Principles
			Requirement omitted	Reason	Explanation	
GRI 2: General Disclosures 2021	2-17 Collective knowledge of the highest governance body	To level out knowledge within the Board of Directors, we are looking for a person with experience, knowledge, recognition and experience in the area of sustainability to join the Board. In addition, the Sustainability Committee was created, coordinated by this person and formed exclusively by advisors, whose main role is to provide support to the Board on relevant topics.				
	2-18 Evaluation of the performance of the highest governance body		All	Information not available	At this time, in 2024, the implementation of the evaluation of the Board of Directors and the Statutory Board is in the process of discussion for formalization.	
	2-19 Remuneration policies	pages 23 and 30	Item b	Confidentiality restrictions	By organization strategy.	
	2-20 Process to determine remuneration	pages 23 and 30				
	2-21 Annual total compensation ratio		All	Confidentiality restrictions	The Organization decided to protect itself and not disclose the information	
	2-22 Statement on sustainable development strategy	pages 3 and 5				EP 2
	2-23 Policy Commitments	pages 23, 31, 37, 49, 56, 57, 63, 71, 75, 134, 156 and 157				
	2-24 Embedding policy commitments	pages 23 and 31				

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GRI Standard	Disclosure	Location	Omission			Equator Principles
			Requirement omitted	Reason	Explanation	
GRI 2: General Disclosures 2021	2-25 Processes to remediate negative impacts	pages 49, 58, 60, 95, 127, 133 and 134				
	2-26 Mechanisms for seeking advice and raising concerns	pages 23, 36 and 161				EP 5, EP 6
GRI 2: General Disclosures 2021	2-27 Compliance with laws and regulations	There were no significant cases of non-compliance with laws and regulations during the period.		Not applicable	The risk management area manages events that could significantly impact the company. These events are related to significant impacts on business continuity, such as: financial, operational, operating license, concession contract, occupational health and safety, and image and reputation impacts. Severity is defined by the Corporate Risk Policy.	EP 3
	2-28 Membership associations	pages 127 and 155				
	2-29 Approach to stakeholder engagement	pages 8, 49, 58, 60, 61, 62, 166, 171 and 172				EP 5, EP 6
	2-30 Collective bargaining agreements	At Norte Energia, 99.1% of employees are covered by collective bargaining agreements. For employees who are not covered by collective bargaining agreements, a private employment contract is drawn up in which the organization complies with current legislation, both with regard to working conditions and labor relations. It also relies on collective bargaining agreements from other organizations.				EP 5, EP 6

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GRI Standard	Disclosure	Location	Omission			Equator Principles
			Requirement omitted	Reason	Explanation	
Material Topics						
GRI 3: Material Topics 2021	3-1 Process to determine material topics	pages 7, 8 and 9				EP 5
	3-2 List of material topics	pages 7, 8 and 10				EP 5
Generation of Shared Value						
201-1 - Economic performance - 2016	3-3 Management of material topics	pages 88, 90, 92, 110, 127, 128, 131, 132, 143, 144, 145, 146, 149 and 150				EP 1, EP 2, EP 5, EP 6
	201-1 Direct economic value generated and distributed	pages 14, 127, 162 and 164	Item b	Information not available.	The company decided not to present open data by region during this period.	EP 10
	201-2 Financial implications and other risks and opportunities due to climate change	pages 88, 115, 117 and 139				EP 2, EP 10
	201-3 Defined benefit plan obligations and other retirement plans	pages 63 and 80				
	201-4 Financial assistance received from the government	page 127 and 160. In 2023, no financial support was received from the government.				
202- Market Presence- 2016	202-1 Ratios of standard entry level wage by gender compared to local minimum wage	pages 71, 72 and 73				
	202-2 Proportion of senior management hired from the local community	pages 23 and 28				
203- Indirect Economic Impacts - 2016	203-1 Infrastructure investments and services supported	pages 127, 141, 145, 149				EP 3
	203-2 Significant indirect economic impacts	page 135				
204- Procurement Practices - 2016	204-1 Proportion of spending on local suppliers	pages 127, 128, 131, 132, 133, 135 and 156				EP 4, EP 5

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GRI Standard	Disclosure	Location	Omission			Equator Principles
			Requirement omitted	Reason	Explanation	
207-1- Tax - 2019	207-1 Approach to tax	pages 127 and 158				
	207-2 Tax governance, control, and risk management	pages 23, 27, 34, 127, 158 and 165				
	207-3 Stakeholders engagement and management of concerns related to tax	pages 127 and 161				EP 6
401 Employment - 2016	401-1 New employee hires and employee turnover	pages 63, 71, 73 and 74				
	401-2 Benefits provided to full-time employees that are not provided to temporary or part-time employees	page 80 The company does not have a private retirement plan, however there are no other benefits other than those mentioned on page 80. Important operational units are the Norte Energia headquarters in Brasília-DF and in Pará.				
	401-3 Parental leave	pages 166 and 168				
Material topic: Biodiversity						
GRI 3: Material Topics 2021	3-3 Management of material topics	pages 88 and 94				

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GRI Standard	Disclosure	Location	Omission			Equator Principles
			Requirement omitted	Reason	Explanation	
304-Biodiversity - 2016	304-1 Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	page 94	a. vi and vii	Information not available	a. vi: The assessment of biodiversity value is a responsibility of the CU management body, Ideflor-bio. As there is still no management plan for this CU, there is no information on this issue. a. vi: There are no records of the inclusion of the Tabuleiro do Embaubal Wildlife Refuge (REVIS) in the aforementioned international protection lists (IUCN Protected Area Management Categories System and Ramsar Convention). However, it is relevant in national legislation, as it is a Full Protection Conservation Unit created by State Decree and recognized in the National System of Conservation Units (SNUC) (see attached decree). Furthermore, the area is considered one of the largest turtle spawning sites in the Amazon, housing species such as the Amazon turtle, the *tracajá* and the *pitiú*. This characteristic gives REVIS an exceptional value for the conservation of biodiversity and justifies its legal protection. Although it is not included in the aforementioned international lists, REVIS Tabuleiro do Embaubal plays an important role in the protection of endangered species and in the maintenance of the biodiversity of the Amazon, being of great importance for nature conservation in Brazil.	EP 10

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GRI Standard	Disclosure	Location	Omission			Equator Principles
			Requirement omitted	Reason	Explanation	
304- Biodiversity - 2016	304-2 Significant impacts of activities, products and services on biodiversity	pages 88, 94, 95, 98, 100, 101, 102, 107 and 108	item a.iii - Introduction of invasive species, pests and pathogens.	Information not available	There are no questions related to this item.	EP 10
	304-3 Habitats Protected or Restored	pages 88, 103 and 118				EP 10
	304-4 IUCN Red List species and national conservation list species with habitats in areas affected by operations	pages 88, 94, 99, 166 and 168				EP 10
Material topic: Human Rights						
GRI 3: Material Topics 2021	3-3 Management of material topics	pages 49 and 56				
405 - Diversity and Equal Opportunity- 2016	405-1 Diversity off Governance Bodies and Employees	pages 63, 71, 72, 77, 166 and 169	Item a.iii	Information not available	Norte Energia does not have information regarding the base year 2023 that would allow the characterization of governance bodies and employees in light of what is established by this GRI requirement.	
	405-2 Ratio of basic salary and remuneration of women to men	pages 63, 71 and 75				
402 - Labor/ Management Relations 2016	402-1 Minimum notice periods regarding operational changes	Two weeks; through clauses of the collective bargaining agreement itself				

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GRI Standard	Disclosure	Location	Omission			Equator Principles
			Requirement omitted	Reason	Explanation	
406- Non-Discrimination-2016	406-1 Incidents of discrimination and corrective actions taken	pages 36 and 63				
407 - Fredom of association and collective bargaining - 2016	407-1 Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk	pages 23, 37 and 157 The right to exercise freedom of association and collective bargaining is expressed in our Code of Conduct and Ethics, attached to contracts and published on the Company's website, which all suppliers are aware of. We were not notified of the existence of suppliers or operations that pose a risk to the right to freedom of association and collective bargaining.				EP 6, EP 8
408-Child Labor-2016	408-1 Operations and suppliers at significant risk for incidents of child labor	pages 23, 37, 126, 156 and 157				EP 6, EP 8
409- Forced or Compulsory Labor- 2016	409-1 Operations and suppliers at significant risk for incidents of forced or compulsory labor	pages 23, 37, 127, 156 and 157				EP 6, EP 8
410-1 Security Practices-2016	410-1 Security personnel trained in human rights policies or procedures	pages 56 and 63				
Material topic: Relationship with Local Community and Indigenous Peoples						
GRI 3: Material Topics 2021	3-3 Management of material topics	pages 88, 90, 92, 127 and 141				
06- Non-Discrimination	413-1 Operations with local community engagement, impact assessment and development programs	pages 23, 36, 59, 61, 85, 127, 141, 145, 166 and 172	Item a	Information not available	The company has absolute data and other qualitative information on the indicator, but it does not yet have a parameter for annual achievements, which makes percentage calculation unfeasible.	
413 - Local Communities - 2016	413-2 Operations with significant actual and potential negative impacts on local communities	pages 134 and 140				
	414-1 New suppliers that were screened using social criteria	pages 127 and 156				

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GRI Standard	Disclosure	Location	Omission			Equator Principles
			Requirement omitted	Reason	Explanation	
414 - Supplier social assessment - 2016	414-2 Negative social impacts in the supply chain and actions taken	page 156	Items a, b, d, e	Information not available	Norte Energia is constantly improving its partner evaluation process, despite having guidelines on the subject, expressed in its Human Rights, Suppliers and Code of Conduct policy. It does not yet have effective metrics. Therefore, out of respect for credibility and responsibility, it chooses to omit the information since it is not available for strategic reasons of the company.	EP 5, EP 6
411 - Rights of Indigenous Peoples - 2016	411-1 Incidents of violations involving rights of indigenous peoples	pages 127, 148 and 178				EP 6, EP 8
	2016	pages 127 and 145				
	EU22 Number of people physically and economically displaced and compensation	pages 127 and 146				
Material topic: Political, social, economic and regulatory scenario						
GRI 3: Material Topics 2021	3-3 Management of material topics	pages 23, 24, 26, 43, 46, 49, 50, 54, 127, 138, 155, 158, 161 and 162				
GRI 415- Public Policies- 2016	415-1 Political contributions	The Company does not carry out political or partisan activities. Employees, interns or underage apprentices who wish to participate in any electoral process must do so individually, without involving the name or resources of the Company, which does not support candidates or political parties, and does not contribute to electoral campaigns. No professional is authorized to request participation, support or funding for any candidate or party. Political activities carried out by Company professionals must take place outside the work environment and at hours other than office hours. There were no political contributions as per the negative statement.				

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GRI Standard	Disclosure	Location	Omission			Equator Principles
			Requirement omitted	Reason	Explanation	
GRI 415: Customer Privacy - 2016	418-1 Substantiated complaints concerning breaches of customer privacy and losses of customer data	There were no proven complaints of violation of privacy and loss of customer data, in strict compliance with the General Personal Data Protection Law.				EP 3
	EU30 Average plant availability factor, broken down by energy source and by regulatory system	pages 14 and 16				
	EU10 Planned capacity compared to long-term electricity demand projection, broken down by energy source and regulatory system.	pages 14 and 17				
Material topic: Climate Change						
GRI 3: Material Topics 2021	3-3 Management of material topics	pages 88, 115, 117 and 120				
GRI 305 - Emissions 2016	305-1 Direct (Scope 1) GHG emissions	pages 88, 120, 166 and 170				EP 2, EP 10
	305-2 Energy indirect (Scope 2) GHG emissions	pages 88 and 120				EP 2, EP 10
	305-3 Other indirect (Scope 3) GHG emissions	pages 88, 120, 121 and 123				EP 2, EP 10
GRI 305 - Emissions 2016	305-4 GHG emissions intensity	pages 88, 121 and 122 The intensity of greenhouse gas emissions considers the following gases: Scope 01 CO2; CH4; N2O, HFC; SF6 Scope 02 CO2 Scope 03: CO2; CH4; N2O.				EP 10
	305-5 Reduction of GHG emissions	pages 88 and 120 The intensity of greenhouse gas emissions considers the following gases: Scope 01 CO2; CH4; N2O, HFC; SF6 Scope 02 CO2 Scope 03: CO2; CH4; N2O.				EP 10

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GRI Standard	Disclosure	Location	Omission			Equator Principles
			Requirement omitted	Reason	Explanation	
GRI 305 - Emissions 2016	305-6 Emissions of ozone-depleting substances (ODS)	pages 120 and 121				EP 2, EP 10
	305-7 Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	pages 120 and 121				EP 2, EP 10
GRI 306: Waste - 2020	306-1 Waste generation and significant waste-related impacts	pages 88 and 114				
	306-2 Management of significant waste-related impacts	pages 88 and 114				
	306-3 Waste generated	pages 88, 14 and 180				
	306-4 Waste diverted from disposal	pages 88, 14 and 180				
GRI 306: Waste - 2020	306-5 Waste directed to disposal	pages 114 and 180				
GRI 308: Supplier Environmental Assessment - 2016	308-1 New suppliers that were screened using environmental criteria	pages 127 and 156				EP 5, EP 6
	308-2 Negative environmental impacts in the supply chain and actions taken	pages 127, 156 and 157				EP 5, EP 6
	EU8 Research and development activities and expenses	pages 24, 26, 43, 46, 48, 89, 118, 119, 151, 152, 153 and 154				

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Statement of use	Norte Energia S/A reported in accordance with the GRI Standards for the period between January 1st and December 31st, 2023.
GRI 1 used	GRI 1: Foundation 2021
Applicable GRI Sector Standard(s)	Eletric Utilities

GRI Standard	Disclosure	Location	Omission			Equator Principles
			Requirement omitted	Reason	Explanation	
Material topic: Efficiency in Energy Generation and Transition						
GRI 3: Material Topics 2021	3-3 Management of material topics	pages 14, 15, 23, 34, 43, 44, 46, 47, 49, 51, 88, 119, 127 and 151				
	EU1 Installed capacity	pages 14 and 16				
	EU2 Net energy production	pages 14, 15 and 16				
	EU5 - Allocation of CO_2 equivalent emissions (*allowances*), broken down by carbon credit market structure	pages 166 and 171				
	EU6 Management method to ensure availability and reliability of electricity supply	pages 14, 15 and 46				
GRI 3: Material Topics 2021	EU7 - Demand-side management programs	pages 14, 15 and 47				
	EU19 Participation of stakeholders in decision-making processes related to energy planning for infrastructure development	pages 43, 47 and 58				
302 - Energy - 2016	302-1 Energy Consumption within the organization	page 166 and 167				
	302-2- Energy Consumption outside the organization	pages 166 and 167				
	302-3 Energy Intensity	pages 166 and 167				
	302-4 Reduction of energy consumption	pages 124 and 167				
	302-5 Reduction in energy requirements of products and services		All	Not applicable	The indicator is not a topic that reflects significant economic, environmental and social impacts for the organization or that substantially influences the assessments and decisions of stakeholders, according to the methodological process of composition and review of the materiality matrix.	

GRI CONTENT **INDEX**

Statement of use	Norte Energia S/A reported in accordance with the GRI Standards for the period between January 1st and December 31st, 2023.
GRI 1 used	GRI 1: Foundation 2021
Applicable GRI Sector Standard(s)	Eletric Utilities

GRI Standard	Disclosure	Location	Omission			Equator Principles
			Requirement omitted	Reason	Explanation	
Material topic: Health and Safety at Work						
GRI 3: Material Topics 2021	3-3 Management of material topics	pages 63 and 81				
GRI 403: Occupational Health and Safety 2018	403-1 Occupational health and safety management system	pages 63, 81 and 125				
	403-2 Hazard identification, risk assessment, and incident investigation	pages 63, 81 and 85				
	403-3 Occupational health services	pages 63, 81, 85 and 86				
GRI 403: Occupational Health and Safety 2018	403-4 Worker participation, consultation, and communication on occupational health and safety	pages 63, 81 and 85				
	403-5 Worker training on occupational health and safety	pages 63, 81 and 82				
	403-6 Promotion of worker health	pages 63, 81 and 86				
	403-7 Prevention and mitigation occupational health and safety impacts directly linked by business relationships	pages 63, 81 and 86				
	403-8 Workers covered by an occupational health and safety management system	pages 63 and 81				
	403-9 Work-related injuries	pages 63, 81, 83 and 86				
	403-10 Work-related ill health	pages 63, 81 and 86				
GRI 403: Occupational Health and Safety 2018	EU16 Health and safety policies and requirements	page 81				EP 3
	EU17 Days worked by outsourced workers and subcontractors involved in construction, operation and maintenance activities	pages 63 and 81				
	EU18 Percentage of outsourced and subcontracted workers undergoing relevant health and safety training	pages 83 and 84				

GRI CONTENT **INDEX**

Statement of use	Norte Energia S/A reported in accordance with the GRI Standards for the period between January 1st and December 31st, 2023.
GRI 1 used	GRI 1: Foundation 2021
Applicable GRI Sector Standard(s)	Eletric Utilities

GRI Standard	Disclosure	Location	Omission			Equator Principles
			Requirement omitted	Reason	Explanation	
Material topic: Water Management						
GRI 3: Material Topics 2021	3-3 Management of material topics	pages 88, 107, 108, 111, 112 and 113				
303- Water and Effluents- 2018	303-1 Interactions with water as a shared resource	pages 88, 107 and 111				
	303-2 Management of water discharge-related impacts	pages 88, 107 and 113				
303- Water and Effluents- 2018	303-3 Water withdrawal	pages 88, 111 and 112				
	303-4 Water discharge	pages 88 and 113				
	303-5 Water consumption	pages 88 and 112				
Material topic: Integrity and *compliance*						
GRI 3: Material Topics 2021	3-3 Management of material topics	pages 23, 24, 26, 34, 35, 36, 37 and 127				
205-Anti-Corruption - 2016	205-1 Operations assessed for risks related to corruption	pages 23 and 34				
	205-2 Communication and training about anti-corruption policies and procedures	pages 23, 35, 166, 173	Item a and c	Information not available	Norte Energia does not have information regarding the base year 2023 that would allow quantifying the information according to the GRI indicator. We emphasize that all employees, members of governance bodies and business partners are informed about anti-corruption practices and procedures.	EP 8
	205-3: Confirmed incidents of corruption and actions taken	pages 23 and 34				

GRI CONTENT **INDEX**

Statement of use	Norte Energia S/A reported in accordance with the GRI Standards for the period between January 1st and December 31st, 2023.
GRI 1 used	GRI 1: Foundation 2021
Applicable GRI Sector Standard(s)	Eletric Utilities

GRI Standard	Disclosure	Location	Omission			Equator Principles
			Requirement omitted	Reason	Explanation	
Material topic: Dam Safety						
GRI 3: Material Topics 2021	3-3 Management of material topics	pages 88 and 125				
416-Consumer Health and Safety	EU21 Measures for contingency planning, management plan and training programs for disasters/emergencies	pages 87				
	EU25 Number of accidents and deaths of service users involving company assets	pages 63 and 81				EP 5
GRI 417: Marketing and Labeling	417-3 Incidents of non-compliance concerning marketing communications	We have not received any reports of non-conformities that resulted in fines or penalties.				EP 3

SASB INDEX

Statement of use	Norte Energia S/A reported in accordance with the GRI Standards for the period between January 1st and December 31st, 2023.
GRI 1 used	GRI 1: Foundation 2021
Applicable GRI Sector Standard(s)	Eletric Utilities

SASB Topic	SASB Metrics	SASB Code	Page
Greenhouse gas emissions and energy resource planning	(1) Scope 1 global gross emissions, percentage covered by	IF-EU-110a.1	page 120
	(2) emission limiting regulations	IF-EU-110a.2	page 120
	(3) emissions regulations	IF-EU-110a.2	page 120
	Greenhouse gas (GHG) emissions associated with energy supply	IF-EU-110a.2	page 89
	Discussion of the long and short term strategy or plan to manage Scope 1 emissions, emission reduction targets and review of performance against these targets	IF-EU-110a.3	page 89
Air quality	"Atmospheric emissions of the following pollutants: NOx (excluding N2O), SOx, particulate matter (PM10), lead (Pb) and mercury (Hg), specifying percentage of each in or near densely populated areas"	IF-EU-120a.1	Not applicable
Water management	Total water withdrawn and total water consumed	IF-EU-140a.1	Not applicable
	Number of incidents related to non-compliance associated with water consumption	IF-EU-140a.2	pages 88 and 112
	Description of risks related to water management, strategies and practices to mitigate these risks	IF-EU-140a.3	page 88
Workforce health and safety	Occupational injury-related rates: total recordable incident rate, fatality rate, and near-miss frequency rate	IF-EU-320a.1	page 86
Efficiency and end-use demand	Percentage of load served by smart grid technology (*smart grid*)	IF-EU-420a.2	Not applicable
	Energy savings from energy efficiency actions	IF-EU-420a.3	page 52
Grid resilience	Number of incidents related to non-compliance with physical and/or cyber security standards or regulations	IF-EU-550a.1	We have not received any reports of non-conformities that resulted in fines or penalties.
Activity metrics	Length of transmission and distribution lines	IF-EU-000.C	• LT01 500kV UHEBM - SE Xingu: 13.2km • LT02 500kV UHEBM - SE Xingu: 13.2km • LT03 500kV UHEBM - SE Xingu: 13.0km • LT04 500kV UHEBM - SE Xingu: 12.9km • LT05 500kV UHEBM - SE Xingu: 12.8km • LT01 69kV UHEPI - UHEBM: 61.0km • LT01 230kV UHEPI - SE Altamira: 61.0km

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ASSURANCE REPORT

GRI 2-3 | GRI 2-5

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Limited assurance report by the independent auditors on the non-financial information contained in the Annual Sustainability Report

To the
Shareholders, Directors and Managers of
Norte Energia S.A.
Brasília - DF

Introduction

We were hired by Norte Energia S.A. ("Norte Energia" or "Company") to present our limited assurance report on the non-financial information contained in Norte Energia's 2023 Annual Sustainability Report ("Report"), for the year ended December 31, 2023.

Our limited assurance does not extend to prior period information or any other information disclosed in conjunction with the Report, including any embedded images, audio files or videos.

Norte Energia management responsibilities

Norte Energia's management is responsible for:

- select and establish appropriate criteria to prepare the information contained in the Report;
- prepare information in accordance with the criteria and guidelines of the Global Reporting Initiative ("GRI Standards");
- design, implement and maintain internal control over the information relevant to the preparation of the indicators contained in the Report, which are free from material distortion, regardless of whether caused by fraud or error.

Responsibility of independent auditors

Our responsibility is to express a conclusion on the non-financial information contained in the Report, based on the limited assurance work carried out in accordance with Technical Communication CTO 07 - Limited Assurance Work referring to the non-financial information contained in the Integrated Report issued by the CFC, and based on NBC TO 3000 – Assurance Engagements Other than Audit and Review, also issued by the CFC, which is equivalent to the international standard *ISAE 3000 – Assurance engagements other than audits or reviews of historical financial information, issued by the International Auditing and Assurance Standards Board (IAASB)*. These standards require the auditor to comply with ethical requirements, with independence and other responsibilities related to them, including the application of the Brazilian Quality Control Standard (NBC PA 01). Therefore, it also requires maintaining a comprehensive quality control system, including documented policies and procedures on compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

Additionally, the aforementioned standards require that the work be planned and executed with the objective of obtaining limited assurance that the non-financial information contained in the Report, taken as a whole, is free of material distortions.

A limited assurance engagement conducted in accordance with NBC TO 3000 (ISAE 3000) consists primarily of inquiries to Norte Energia's management and other Company professionals who are involved in preparing the information, as well as the application of analytical procedures to obtain evidence that enable us to reach conclusions, with limited assurance, about the information taken as a whole. A limited

assurance work also requires the execution of additional procedures, when the independent auditor becomes aware of matters that lead him to believe that the indicators disclosed in the Report, taken as a whole, may present material distortions.

The procedures selected were based on our understanding of aspects related to the compilation, materiality and presentation of the information contained in the Report, other circumstances of the work and our consideration of areas and processes associated with the material information disclosed in the Report, in which relevant distortions might exist. The procedures included, among others:

a) the planning of the work, considering the relevance, the volume of quantitative and qualitative information and the operational and internal control systems that served as a basis for the preparation of the indicators contained in the Report;

b) understanding the calculation methodology and procedures to compile the indicators through inquiries with the managers responsible for preparing the information;

c) the application of analytical procedures on the quantitative information and inquiries about the qualitative information and its correlation with the indicators contained in the Report;

d) for cases in which non-financial data correlate with indicators of financial nature, the confrontation of these indicators with the financial statements and/or accounting records.

Limited assurance work also included adherence to the guidelines and criteria of the GRI Standards structure applicable to the preparation of the information contained in the Report.

We believe that the evidence obtained in our work is sufficient and appropriate to support our limited conclusion.

Reach and limitations

Procedures performed in limited assurance engagements vary in nature and timing and are less extensive than in reasonable assurance engagements. Consequently, the level of assurance obtained in a limited assurance engagement is substantially less than that which would have been obtained if reasonable assurance engagement had been performed. If we had carried out reasonable assurance work, we could have identified other matters and possible distortions that may exist in the indicators contained in the Report. Accordingly, we have not expressed an opinion on this information.

Non-financial data are subject to more inherent limitations than financial data, given the nature and diversity of methods used to determine, calculate or estimate such data. Qualitative interpretations of data materiality, relevance and accuracy are subject to individual assumptions and judgments. Additionally, we did not carry out any work on data reported for previous periods, nor in relation to future projections and targets.
The preparation and presentation of sustainability indicators followed the criteria of the GRI Standards and, therefore, are not intended to ensure compliance with social, economic, environmental or engineering laws and regulations. The aforementioned standards provide, however, for the presentation and disclosure of any non-compliance with such regulations when sanctions or significant fines occur. Our assurance report must be read and understood in the context inherent to the selected criterion (GRI Standards).

Conclusion

Based on the procedures carried out, described in this report and on the evidence obtained, nothing has come to our attention that leads us to believe that the non-financial information contained in Norte Energia's Report for the year ended December 31, 2023 was not prepared, in all material respects, in accordance with the criteria and guidelines of the Global Reporting Initiative (GRI Standards).

Brasília (DF), August, the 2nd 2024.

Ernst & Young
Auditores Independentes S/S Ltda.
CRC SP- 034519/O

Alexandre Dias Fernandes
Accountant CRC DF- 012460/O

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INDEPENDENT READER'S LETTER

INDEPENDENT READER'S LETTER

Norte Energia presented its **2023 Sustainability Report**, the fourth in a series that began in 2020, which serves to inform and record how the company has moved towards its commitment to sustainable development, in order to, in its own words, "build a positive legacy, contributing to the social and economic development of the territories where it operates".

The report complies with the standards of the Global Reporting Initiative (GRI), an international organization of independent standards that helps companies and governments to communicate their impacts in the social and environmental area. It also observes several other protocols, such as the requirements of the Annual Social and Environmental Responsibility Report of Aneel, and the disclosure topics and metrics of the Sustainability Accounting Standards Board (SASB) for energy generators and distributors and the International Structure of the Integrated Reporting (IIRC), from the Value Reporting Foundation.

I was invited to read and comment on the report first-hand, as an independent reader.

I honorably accepted the mission and I believe that my role is, in addition to highlighting the main aspects of the document, to share some of the reflections and suggestions based on my experience and life trajectory in the Amazon, serving as a kind of spokesperson or, to be more precise, the first voice of the *stakeholders* in the analysis of the report.

I began the task by reading letters from colleagues who preceded me, all outstanding professionals in their fields, and who analyzed the reports from 2020 to 2022. My goal was to understand the evolutionary process of the reports and to see how much of the readers' comments were, in fact, absorbed by the company.

I was pleasantly surprised to find that, yes, many of the proposals or considerations were taken into account in subsequent reports, creating a process of continuous improvement in publications. I will return to this topic later.

I therefore make my considerations in three parts:

I

The first is regarding the **structure and presentation** of the report. It is a long document, but not tiring. It is well divided into blocks, starting with messages from the company's senior management, an important part in which the commitment to sustainability and the permanent willingness to dialogue and learn are reinforced. It is then followed by the main highlights that occurred in the previous year and the presentation of the company, its profile, business model and its commitments.

Further on, we reach the core of the report, with a brief presentation of its structure and formation process, as well as the material topics, which are skillfully allocated into the blocks *Policies, People, Planet and Prosperity*. In each block, there are references to the GRI principles that are met, which demonstrates the care taken in building the report.

The report is well illustrated and combines images, graphs, numbers and texts in an accessible manner, without losing technical rigor. This addresses the suggestion contained in the first independent reader letter from 2020, which asked for a simpler narrative. Within the limitations of a project involving a complex engineering work, I think the report met this requirement, especially when it communicates the topics of greatest social interest.

At the end, a series of appendices and summaries help to deepen the research and support the report.

II

The second part of my considerations has to do with the **content** of the report, which addresses the materiality of the topics presented by the company, as well as the expectations and results of the Belo Monte Plant.

It is worth remembering that the Belo Monte project was surrounded by fears and criticism at its inception. There was fear that the construction of the hydroelectric plant would cause irreversible socio-environmental impacts, especially on indigenous peoples, threatening the region with the greatest biodiversity on the planet, the Amazon.

In a way, the image of the machete of the indigenous Tuíra Caiapó still echoes in the Brazilian collective imagination when talking about the plant.

The company does not shy away from this debate and does not deny the story. On the contrary, the report fulfills the desire – and the duty – to inform, with transparency and professionalism, how the company has sought to fulfill its purpose of generating energy, an essential asset for Brazil and Brazilians, with attention to and compliance with the agreed conditions, in addition to many other voluntary initiatives and measures.

Thus, the document provides the opportunity to evaluate, years later, how the project was shaped and implemented, with the characteristic of being a run-of-river hydroelectric plant, with an area of around 57% (274 km^2) of its reservoirs (478 km^2), corresponding to the natural bed of the Xingu River in the Amazon winter period, and just under 43% (204 km2) are areas that needed to be flooded. The company avoided flooding indigenous lands (there are 12 Indigenous Lands and Areas in the territory) during the construction of the hydroelectric plant, which was greatly feared during the conception of the project.

In the *Policies* block, it is worth highlighting the achievement of gender **parity on the Board of Directors**, which demonstrates attentive governance prepared for current times, also responding to the suggestion of a previous independent reader.

In the *People* block, we can see the effort to constantly improve the staff and the quest to make the work environment a more human and happy place.

It is worth noting that the company generated 475 direct jobs in 2023, and even though its headquarters are in Brasília, 75% of its employees are located in Altamira. In addition to 1,580 outsourced employees, practically all of whom are based in Belo Monte, which is extremely important for contributing to local income generation.

In the *Planet* block, another concern is faced during the design and licensing of the project related to the risk of the HPP affecting navigation on the Xingu River and the free movement of fish.

The report notes that Norte Energia has adopted specific measures to mitigate these concerns. It avoided the interruption of navigation on the Xingu River by building a Vessel Transposition System that enables vessels to pass through. This system was designed to maintain active navigation, minimizing the impact on river activity in the region.

Among the main measures in relation to fish, the construction of the fish transposition system and the anti-shoal grid system in the main powerhouse are reported. These initiatives aim to ensure that fish can migrate and access different areas of the river, essential for their reproductive and feeding activities, and prevent fish from accessing turbines, preserving aquatic biodiversity.

In 2023, Norte Energia began implementing forest restoration programs to "recreate forests" through the "Living Forest **Program"**, in partnership with BNDES, Fundo Vale and Energiza, reaching an initial amount of 26 million reais for the restoration of deforested areas in the Xingu River Basin. The process of selecting projects to be invested in is conducted by Funbio.

The report informs that the results of monitoring carried out in 2023 indicated changes in terrestrial and aquatic ecosystems in proportions compatible with or smaller than those predicted in the EIA-RIMA.

Regarding greenhouse gas (GHG) emissions, Norte Energia carried out its 2nd Emissions Inventory in 2023, referring to the year 2022. It received the Gold Seal from the Brazilian GHG Protocol Program, having shown a significant reduction in scope 1, of 48.9%, in relation to the previous period.

In the last section, *Prosperity*, the report mentions that, in 2023, the implementation of several projects continued, among which I highlight:

• **Belo Monte Empreende Program**, which trained local entrepreneurs, including indigenous people, preparing them to develop innovative and sustainable businesses. From there, new businesses emerged from entrepreneurs, highlighting the creation of two chocolate brands with the participation of indigenous people, **Sidjá Wahiú** and **Iawá**;

• **Belo Monte Community Program**, which carries out social responsibility actions with the populations living around the plant, acting in the various areas of Citizenship, Preventive Health, Environmental Education, Art and Culture, Education, Sports, Volunteering, Digital Inclusion and Generation of Employment and Income; and

• **Permear Project**, to train municipal school teachers. It is important for educating students on ethnic-racial issues, especially in indigenous cultures, also contributing to the UN SDG objectives, since in 2023 the company joined the UN Global Compact, which comprises a universal action plan for promoting sustainability.

Furthermore, Norte Energia reports that, in 2023, it ended the year with a base of 2,508 active suppliers and that, in the same year, it purchased/contracted services with suppliers from the State of Pará, for a total of 30% of all its expenses.

A local purchasing and supplier development policy is important for a project of this magnitude. This way, more services/products can be improved and provided to the company. Hiring local labor and products greatly boosts the economy of the area where companies are located, in addition to creating stronger ties between the company and the community where it operates.

Hiring local services also generates ISS - Taxes on Services, in favor of the city halls in which the service providers are headquartered.
And, speaking of taxes, in 2023 the company collected more than BRL 142 million in ISS (services) and CFURH (*royalties*), in favor of the municipalities of Altamira, Vitória do Xingu, Anapu, Senador José Porfirio, Brasil Novo, Placas and Uruará, in addition to more than BRL 88 million in *royalties* for the State and the Union, naturally.

In the financial statements, another piece of information that should be considered in the report is that, in 2023, Norte Energia invested R$504 million in socio-environmental and sustainability actions.

This volume of resources was 26% higher than the resources invested in 2022 and represents a significant 16.6% of the company's EBITDA in the same period in 2023.

III

In the third and final part of my considerations, I propose or reinforce some **suggestions to improve** actions and future reports:

• The company should make all editions of sustainability reports available on its institutional website, not just the latest edition. It is important that this collection remains available for society to follow the historical series;

• The numbers and actions presented are, by nature, expressive and grandiose. However, the report lacks an objective set of goals and indicators to enable us to know what the company's target is, and what the possible or desirable impact is. A type of management panel that would indicate the main results to be achieved by the company in terms of sustainability. This would allow us to better understand what part of the journey we are on, what has been accomplished and what remains to be done. This issue was the subject of complaints from independent readers of the first report and, in my view, has not yet been sufficiently resolved, despite the abundance of graphs and tables contained in the report;

• The report should include testimonies from people impacted by the company's sustainability actions, one "in quotation marks", in order to corroborate the report's narrative and enable the reader to better assess the real transformation that such initiatives bring about in the territory;

• Likewise, some space for *stakeholders* to express themselves, not necessarily in praise of the company or its initiatives, would give the report a more democratic character;

• Finally, the use of the innovative and revolutionary tool of Artificial

Intelligence (AI) to contribute to the actions and operation of the HPP itself. Whether in the educational and community programs it undertakes, or managing water resources, predicting precipitation and flow patterns of the Xingu River and its tributaries, optimizing the management of regulation reservoirs and ensuring more efficient use of water. The application of AI in the management of hydroelectric plants can lead to more efficient, safe and sustainable operations, in addition to contributing to the better management of natural resources.

Overall, the 2023 Report is a valuable document that demonstrates the company's commitment and sincere effort in the sustainability school.

In the sacred space of the world's largest tropical forest, Norte Energia has taken off its sandals and has walked with reverence and dignity before nature, indigenous peoples and other stakeholders. It seeks, with transparency and dialogue, to fulfill its purpose of generating energy for Brazil and Brazilians, without neglecting local, regional and environmental interests.

Step by step, it has been gaining legitimacy and proving its ability to properly manage the largest 100% Brazilian hydroelectric plant - and the fifth largest in the world - in the heart of the Amazon.

Adnan Demachki, *Brazilian, Amazonian, from Pará, lawyer, co-founder of the Amazon Entrepreneurship Center, participates in several sustainability forums such as Concertação pela Amazônia and Amazônia 2030, Fellow of the Arapyaú Institute. He was mayor of Paragominas (2005-2012) and Secretary of State for Economic Development, Mining and Energy (2015-2018).*

GRI 2-1, GRI 2-2, GRI 2-3

CORPORATE **INFORMATIONS**

Norte Energia S/A
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12.300.288/0001-07
[GRI 2-2]

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