Eletrobras

THEMATIC BOOKLET | 2023

Community Relationship



Assurini *- Terra Indígena Trocará*

Eletrobras

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CHAPTER 1

Foreword



About this booklet

Welcome to Eletrobras' Community Relations Thematic Booklet. This document serves as a complement to the company's 2023 Annual Report, providing a more in-depth exploration of community relations-related topics.

Community Relations is a material topic for Eletrobras, primarily impacting the local population, government, partners, sponsors, and society as a whole. Our management approach and key indicators are addressed in the Annual Report, following the guidelines of the Global Reporting Initiative (GRI).

Hereby, we present a more comprehensive and in-depth report on the management, strategy, initiatives, and actions related to the topic, demonstrating how we generated value for communities throughout 2023.

The report includes information from our five subsidiaries (Eletrobras CGT Eletrosul, Furnas, Chesf, Eletronorte and Eletropar) and the six Special Purpose Entities (SPEs) in which we have control: Santo Antônio Energia - SAESA, Brasil Ventos, Baguari, Retiro Baixo, Teles Pires and Eólica Ibirapuitã.

If you have any questions or comments about the content presented, please contact our sustainability team: **sustentabilidade@eletrobras.com**

Enjoy your reading!

Delivering value

Over the course of 2024, we will report a series of reports regarding our sustainability strategy and performance, with content that complements and deepens the Annual Report:

- Hotsite and Executive Summary.
- Indicators Booklet, with the reporting of GRI indicators from Eletrobras and SPEs.
- Thematic Booklets, which delve into the reporting of our management and initiatives on specific topics such as Community Relations and Biodiversity.
- SASB, TCFD, IFRS and Sustainable Finance reports, in compliance with other guidelines.
- SDG Supplement.

You can access these documents on the Eletrobras Website Sustainability page. We have also made the Energia a Limpo website accessible in an effort to improve company transparency. This website tackles and answers some of the most delicate topics that arise in our work.

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About Eletrobras

We are Eletrobras (Centrais Elétricas Brasileiras S/A), the leading company in electricity generation and transmission in Brazil.

Established in 1962 as a state-owned enterprise, we completed our capitalization process in 2022, reducing the Federal Government's shareholding from 69% to approximately 43%. As a result, the government is no longer the the controlling shareholder, and we became a private-controlled company. We have publicly traded capital and our shares are listed on the São Paulo Stock Exchange (B3) and the New York Stock Exchange (NYSE).

We operate throughout the national territory, based on the generation and transmission operations of Eletrobras CGT Eletrosul, Chesf, Eletronorte and Furnas. In addition to these, we control a holding company, Eletrobras Eletropar, which operates in the financial sector.

We also control six Special Purpose Companies (SPEs) and hold interests in 63 others, through which we participate in transmission and generation projects.

75 initiatives

Transformation office

14 million

Invested in volunteer projects

96.5%

of the total energy generated come from renewable sources

Low emission

of greenhouse gases,
contributing to making the national energy matrix one of the cleanest in the world

Trading Services

and energy efficiency

Geographic Distribution

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Generation

100 plants in operation, of which:
- 47 hydroelectric;
- 43 wind;
- 9 thermoelectric;
- 1 solar.

44,654.5 MW of installed capacity, of which:
- 67% corporate ventures and shared ownership*;
- 33% in SPEs.

146,946.6 GWh generated, of which:
- 95% hydro;
- 1.5% wind;
- <1% solar;
- 3.5% thermoelectric.

44,654.5 MW
of installed capacity

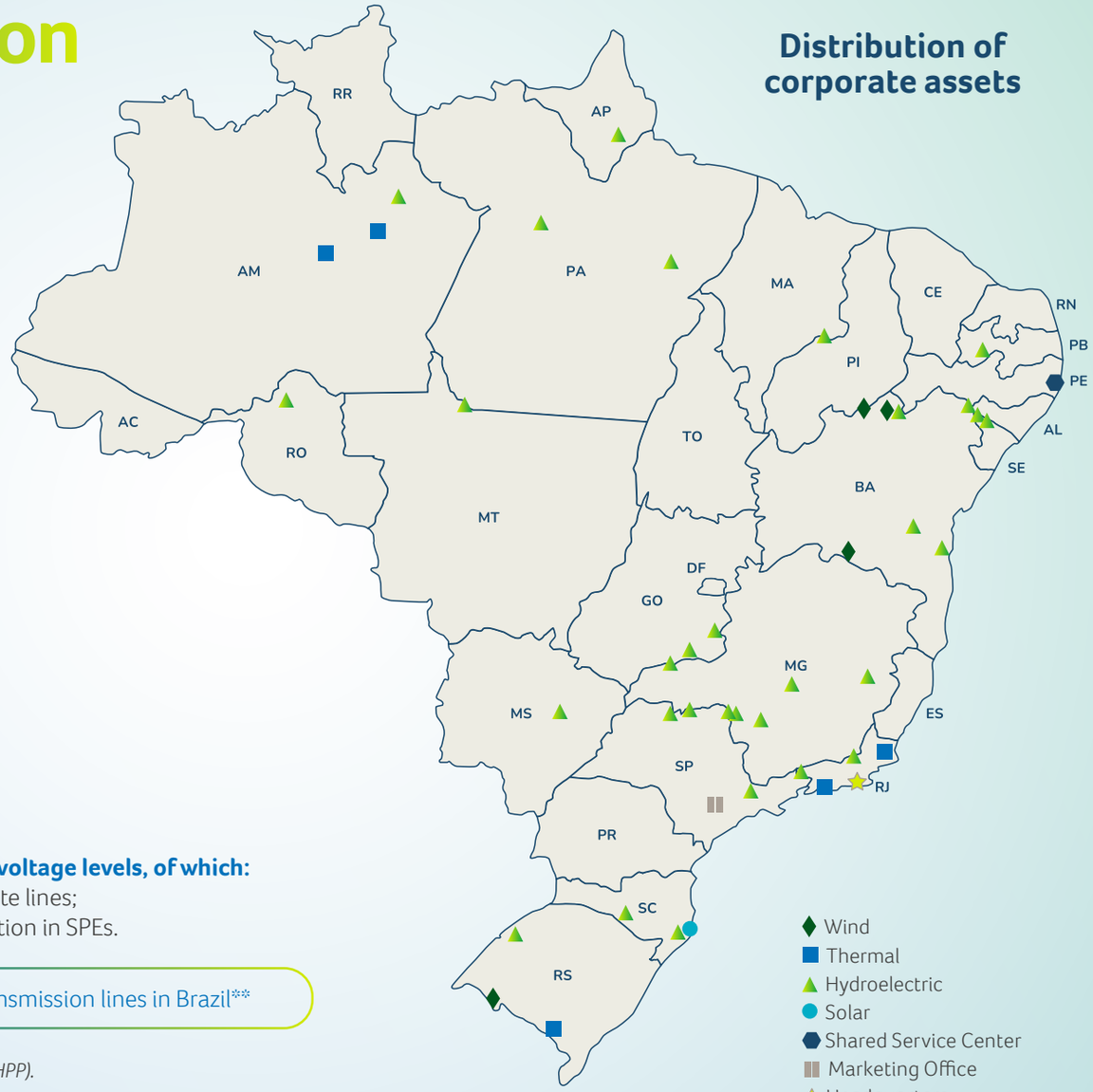
22%
of Brazil's total 199,325 MWl

Transmission

73,788 km of lines at all voltage levels, of which:
- 66,539 km of corporate lines;
- 7,249 km of participation in SPEs.

37% of the total transmission lines in Brazil**

Distribution of corporate assets



*Serra da Mesa HPP, Manso HPP and Governandor Jayme Canet Junior HPP (formerly Mauá HPP).
** Compared to data from the National Interconnected System (SIN) for November 2023.

Contribution to the 2030 Agenda

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The Sustainable Development Goals (SDGs) are 17 objectives that make up the 2030 Agenda, defined by the United Nations (UN) with the purpose of engaging organizations around the world in overcoming the main challenges of development and sustainability.

Covering a wide range of topics, such as eradicating poverty, fighting climate change and preserving natural resources, the SDGs connect business strategy with the global agenda.

We have identified nine priority SDGs, in which we have the greatest potential to contribute to achieving the targets set by the UN. Throughout this publication, we present actions that generated a positive impact on these SDGs in 2023 within the scope of our relationship with communities.



Commitment to human rights

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Given the nature of our generation and transmission activities, we are subject to risks related to human rights violations, during the construction, operation, or decommissioning of projects. Therefore, we seek to act in accordance with regulations and best practices, inhibiting actions that may lead to violations, creating commitments, policies, and risk mitigation tools.

External guidelines

- Since 2018, we have been signatories to the Open Letter Companies for Human Rights, proposed by the Ministry of Human Rights.
- We are based on the United Nations (UN) Guiding Principles on Business and Human Rights.

Internal guidelines

- Our Code of Conduct establishes guidelines for the protection of human rights, including zero tolerance, in our activities or in the value chain, for labor practices that may be considered degrading, forced, slave or analogous labor, child labor, abuse or sexual exploitation of children and adolescents, and human trafficking. **To learn more, click here.**
- Our Social Responsibility Policy provides that, in the stakeholder engagement and relationship process, we must pay attention to vulnerable groups directly or indirectly affected by our activities, with an emphasis on traditional communities, indigenous peoples, children and adolescents, the black population, and women.
- We conduct impact assessments to identify potential human rights risks.
- Our risk assessment matrix incorporates the verification of topics such as Violation of Human Rights by Suppliers, Violation of Human Rights in SPEs and Diversity, Equity and Inclusion.
- We carry out environmental impact studies of projects, in order to assess and mitigate risks of impact on human rights in communities.
- We repudiate any type of discrimination or prejudice based on social, cultural, ethnic, or national origin, gender identity, color/race, age, religion, political opinion, sexual orientation, physical, psychological, or mental conditions, or any other characteristic.
- The Supplier Code of Conduct expressly prohibits any violations of human rights. In our contracts, we include clauses that reinforce the contractor's obligation to guarantee fundamental human rights and workers' rights.

In July 2023, we pioneered a Human Rights Impact Assessment (AIDH) at the Paulo Afonso Hydroelectric Complex, which includes our oldest plants in operation.

The initiative is conducted independently by two contracted consultancies, and involved listening to different audiences, including employees, service providers and local leaders.

This is the first independent AIDH in the Brazilian power sector, a milestone that reinforces our leadership role in the business and Human Rights agenda.

The plan is to replicate the study for more operations in the company from 2024 onwards, including SPEs.

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CHAPTER 2

Impact management



Commitments

We have a series of commitments to fostering good relationships and generating value with communities, formalized in corporate policies approved by senior leadership and the Board of Directors and publicly disclosed, in order to guarantee they are complied with.

Find out below the main themes and commitments related to the community addressed in each Eletrobras Group policy.

Code of Conduct

Respect for particularities

Contribute to the sustainable development of communities, **considering their specificities, listening to their manifestations and respecting their cultures.**

When working in the field, be attentive and cautious when visiting communities, especially those that have specific cultural habits and are more sensitive to the presence of strangers; create conditions for interested parties to express themselves and present their points of view, helping them to prepare questions about the projects and their socio-environmental impacts, without embarrassing the interlocutors. Should any critical situations occur, remain calm, seek dialogue and, if necessary, communicate with those responsible for interacting with the communities.

Identifying expectations

Consider all social groups involved, in order to **identify their expectations and needs,** with the aim of compensating for and minimizing negative environmental, social, and cultural impacts and maximizing positive ones.

Transparency

Clearly and objectively disseminate information about environmental activities and projects to all stakeholders, especially affected populations.

Fair treatment

In the face of any occurrence, provide fair, appropriate, and timely treatment commensurate with the severity of the situation and treat the affected population with dignity.

Environmental Policy

- Devise alternative locations and project arrangements for the power sector in such a way that proposes, whenever possible, a reduction in physical displacement and socio-economic impacts on the population;
- Provide information about projects, their impacts, compensation and reparation measures, evaluation criteria, forms of compensation and rights of the affected population available to those involved in a permanent, transparent and accessible way, through appropriate channels and project dissemination;
- Recognize the specificity of indigenous rights provided for in the 1988 Federal Constitution and, in international treaties, insofar as they are internalized by Brazilian Law, notably Convention 169 of the International Labor Organization (ILO).

Social Responsibility Policy

- Ensure ongoing dialogue with communities, respecting their values and interests, with a view to improving the quality of life in its social, economic, cultural and environmental aspects.
- Value the protagonism of communities, encouraging open dialogue and participatory decision-making in social investment decisions.

Communication and Engagement Policy

- Guarantee forms of interaction with relationship communities, respecting their spaces and values.

Dam Safety Policy

- Avoid or minimize losses of life and damage to property and communities.

Eletrobras Sustainability Policy

- Sets out the guidelines governing our actions in promoting corporate sustainability, ensuring the continuity of our business and contributing to sustainable development.

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Impact identification

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The construction and operation of power generation projects and transmission systems have the potential to produce both positive and negative socio-environmental impacts on surrounding communities, caused by a number of factors, including population displacement, increased job opportunities, and land use restrictions.

Operating throughout the Brazilian territory, we recognize that the impacts on the population may vary depending on the characteristics of the projects and the regions where they are implemented.

To identify and qualify the main potential local impacts throughout the lifecycle of assets, we develop Environmental Impact Studies as early as the planning stage of each project.

In addition to identifying the impacts, these studies also present proposals for mitigation and compensation measures, in accordance with current legislation.

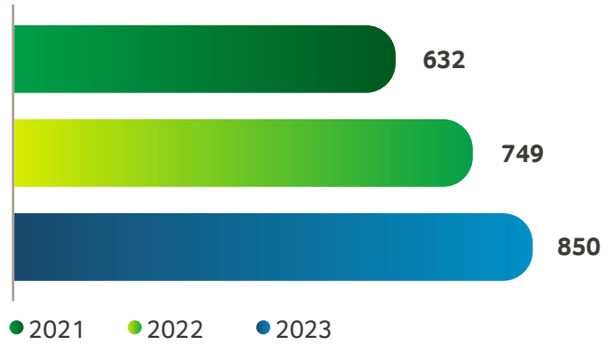
This activity is one of the steps in the environmental licensing process and follows the guidelines of the National Environmental Council Resolution (CONAMA Resolution No. 01/86), which provides for basic criteria and sets forth general guidelines for the assessment of environmental impact of the projects.

Through the socio-environmental diagnosis conducted during the Environmental Impact Assessments and the socio-economic registry of those affected, we identified the existence of social groups in vulnerable situations in the territory and evaluated the risks and impacts of the projects on these groups and on the local physical and institutional structure.

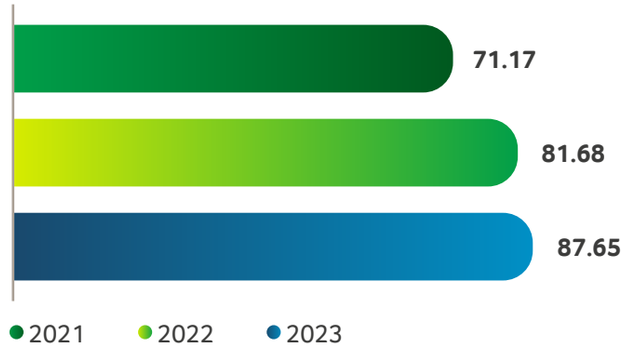
Throughout the project's lifecycle, we strive to maintain an updated socio-environmental aspects and impacts matrix. This involves revisiting the classification of impacts identified in the initial phase of studies based on the analysis of the effectiveness of implemented socio-environmental measures and evaluating any new socio-environmental impacts that may arise.

COMMUNITY ENGAGEMENT INDICATORS

Power generation and transmission asset operations with community engagement, impact assessments, and/or development programs aimed at the local community:



Percentage of operations with engagement programs (%):



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Impact mitigation

Based on the socio-economic diagnoses and Environmental Impact Studies conducted at the beginning of the projects, we present proposals for risk mitigation and impact compensation measures.

For each negative impact identified, mitigation and compensation actions are proposed, through the Basic Environmental Plan (PBA).

The measures proposed in the environmental licensing procedures demonstrate our commitment to acting proactively in seeking engineering solutions that minimize the impact on people and the environment.

Our efforts to mitigate and offset impacts are guided by socio-environmental programs. These initiatives encompass the development of Participatory Socio-Environmental Diagnoses (DSAP) and the implementation of communication, social interaction, and environmental education programs. This involves promoting community forums and fostering partnerships with public and private stakeholders.

The DSAP is a tool designed to capture the socio-economic reality of a community based on the opinions and perceptions of its residents. Its objective is to identify priority groups for mitigation actions and characterize environmental problems and conflicts, whether or not they are related to the impacts of the projects.

Environmental education actions are presented and discussed in meetings with representatives of civil society, organizations, and municipal governments. In this context, we hold public consultations focused on the Reservoir Bank Environmental Conservation and Usage Plan (PACUERA).

Through environmental education programs, we carry out educational actions aimed at qualifying and organizing communities to propose, formulate and implement socio-environmental mitigation and compensation projects, as well as monitoring their effectiveness.

Our actions also include complementary social responsibility initiatives, such as Public Notices for Socio-Environmental Projects and Cultural and Sports Sponsorships.



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Among the main mitigation and compensation actions carried out in our projects, we highlight the following:

Institutional coordination
Relationship with public authorities, companies and civil society organizations to promote actions that support the development of the local community.

Social monitoring
Monitoring communities with the aim of capturing demands and identifying local impacts, supporting the development of the mitigation strategy.

Communication and social interaction
Implementation of Social Communication Plans (PCS) in projects with the purpose of establishing a dialogue with communities and their representatives.

Development of productive activities
Initiatives aimed at developing productive activities in communities surrounding operations.

Urban rehabilitation
Actions to promote the improvement of cities aiming at the development and well-being of the population.

Environment education
Support for the preservation of natural resources through educational actions that raise awareness among the local population regarding the use of natural resources, with the aim of qualifying and organizing affected communities so that they participate in the development of compensation and mitigation programs and monitor their implementation.

Recovery of degraded areas
Actions for environmental recovery in degraded areas during the construction of projects, such as Degraded Area Recovery Programs (PRADs).

Recomposition of productive activities
Support for producers whose agricultural activities were impacted and restoration of urban activities, among others.

Recovery of tourism and leisure activities
Support for local initiatives to recover tourism and leisure activities impacted by the projects.

Strengthening public administration
Partnership with public administration with the aim of ensuring that public services are provided to local communities.

Public health
Health, safety and housing initiatives with the aim of facilitating access to public health in communities affected by major works, allowing for the protection of rights.

Professional training
Training and other actions aimed at enhancing the employability of the local population for new job opportunities. The program is designed to provide the local community with access to job opportunities generated during the construction and operational phases of the project.

Assistance to the affected population
Monitoring, listening and supporting people affected by projects.
The affected population assistance plans encompass: Rural and Urban Land Negotiation and Acquisition Program, Urban and Rural Productive Activities Restoration, Affected Population Social Assistance Project, Construction Site Surrounding Communities and Host Communities Social Monitoring and Follow-up Project, Tourism and Leisure Activity Restitution/Recovery Program, Social Services and Infrastructure Restoration/Adequacy.

Impact map

Here is a map of the main potential impacts identified in our projects, which may or may not occur, and the most common mitigation actions for each of them.

The impacts identified are independent of the project/ enterprise phase, and the map does not aim to analyze the intensity, magnitude, and importance of the impact, as this analysis depends on the size, characteristics of the enterprise, and the region where it will be/is implemented.

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	**Hydroelectric plants**	Compulsory relocation of urban and rural communities	CIS, APA, RAP, AS
		Loss of livelihoods (farming, non-timber forest products, mining, fishing)	CIS, APA, RAP
		Disruption/loss of transportation routes and communications systems	CIS
	**Thermal power plants**	Adverse effects on air quality from particulate and dust emissions, etc.	CIS, MQA, ERE
	**Wind farms**	Moving shadows and/or reflections (stroboscopic effect)	EIAH

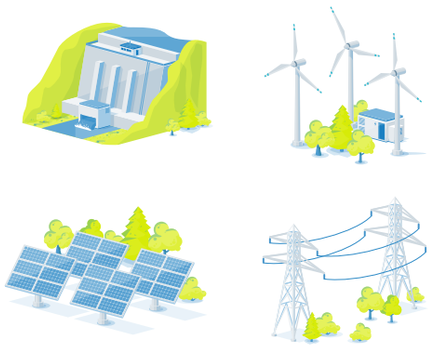
KEY FOR MITIGATION AND COMPENSATION ACTIONS

APA Support for affected communities
AS Social support
CIS Communication and social interaction
EIAH Avoid deployment close to inhabited areas
ERE Emission reduction equipment
MQA Air quality monitoring
RAP Recomposition of livelihood activities

	**Solar farms**	Flash blindness	EIAH
	**Transmission lines**	Presence of maintenance crews on rights-of-way	CIS, EA, ACI
		Transmission lines noise	CIS
		Increased vulnerability	CIS, AAI
	**Hydroelectric and wind power plants**	Changes in lifestyles and sociocultural relations	CIS, EA, AS, APA
		Increased real estate speculation	CIS, RU

KEY FOR MITIGATION AND COMPENSATION ACTIONS

AAI Support for activities with indigenous people (productive, environmental and indigenous awareness, environmental education)
ACI Actions for indigenous communities
APA Support for affected communities
AS Social support
CIS Communication and social interaction
EA Environmental education
EIAH Avoid deployment close to inhabited areas
RU Urban rehabilitation



Hydroelectric, wind, and solar power plants, and transmission systems

High expectations among local and regional communities and emerging/increased social tensions	CIS
Restricted land utilization	CIS, EA, RAP, RAD
Increased migration flows	CIS, EA, AI, RU, SP
Economic stimulus	CIS, AI, QM, DAP
Higher municipal tax revenues	CIS, AI, DAP, FAP
Increased offer of direct job opportunities during construction	CIS, AI, QM
Increased technical and scientific knowledge about the region	CIS, EA
Adverse effects on touristic potential (degradation of scenic beauty)	CIS, RAT
Adverse effects on scenic, paleontological, archaeological and cave sites	CIS, EA
Impacts on traditional, indigenous and/or other ethnic communities	CIS, APA

KEY FOR MITIGATION AND COMPENSATION ACTIONS

AI	Institutional coordination
APA	Support for affected communities
APA	Support for affected communities, actions proposed within the scope of the Study of the Indigenous Component and the Basic Project of the Indigenous Component
CIS	Communication and social interaction
DAP	Development of livelihood activities
EA	Environmental education
FAP	Public management support
QM	Professional training
RAD	Rehabilitation of disturbed land
RAP	Recomposition of livelihood activities
RAT	Restoration of touristic and recreational activities
RU	Urban rehabilitation
SP	Public health

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Cases

Diagnostic and mitigation actions carried out in 2023

Eletrobras
Eletrosul

Where?

Rio Grande do Sul (RS)
DSAP carried out in the region influenced by the Erva Mate Subgroup Interconnected System projects.

Who?

- 12 rural settlements.
- 2 urban neighborhoods.
- 1 quilombola community.

Diagnostic results

- Infrastructure deficiencies.
- Difficulties in accessing public services and rural technical assistance.

Mitigation actions

Environmental Education Program with training aimed at leaders in rural communities and community garden workshops in urban neighborhoods.

Where?

Hulha Negra (RS) and Aceguá (RS)
DSAP carried out in the area influenced by the projects that make up the Brazil-Uruguay Electrical Interconnection.

Who?

- Rural settlements present in municipalities.

Diagnostic results

- Structural issues such as the need for water supply, waste collection, land regularization and improvements in access to communities.
- Issues related to the educational field, such as the demand for training and qualification courses for qualified entry into the job market.

Mitigation actions

Environmental Education Programs to be implemented in 2024.

Where?

Candiota (RS), Hulha Negra (RS) and Pedras Altas (RS)
Area influenced by the Candiota III phase C plant.

Mitigation actions

Environmental Education Programs (PEA), Social Communication Programs (PCS) and Health Programs (PS), a set of programs called Ecopampa, started in 2022.

Eletrobras CGT Eletrosul

Eletrobras Chesf

Case

Impact mitigation programs at HPP Jirau

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Resettlement of Affected Populations

The program was structured into two lines of action, taking into account current legislation and good practices in terms of resettlement and social compensation.

Recovery of Affected Infrastructure

The program aims to establish the necessary measures to maintain the access and communication conditions of populations in the areas close to the HPP Jirau and other users of the existing infrastructure in the project's area of influence.

Prospection and Rescue of Archaeological Heritage

Aimed at conducting studies and activities related to the archaeological, historical, and cultural heritage of HPP Jirau , in order to meet the different stages of prospection and rescue and the production of scientific knowledge about the study areas, contributing to a better understanding of national pre-history and history.

It also aims at the development of integrated work with the community in the rescue and appreciation of heritage, contributing to the strengthening of its identity aspects.

Public Health

Program that establishes a set of measures aimed at minimizing and compensating for possible interference with people's health resulting from the implementation of the Jirau plant.

The municipality of Porto Velho (RO) is located in the Legal Amazon region where there are favorable ecological conditions for the spread of endemic communicable diseases. To mitigate these risks, the program execution process involves the participation of health managers at the federal, state and municipal levels, as well as research institutions and environmental consultancy companies.

Experts' views on the topic

According to Clara Serva, a human rights lawyer and consultant at Tozzini Freire who participated in the Human Rights Impact Assessment (AIDH) of the Paulo Afonso complex, the issue of community relations is one of the most important aspects in the activities of electricity sector companies.

"The electricity sector plays a pivotal role in ensuring a fair energy transition. However, as companies invest in this transition, they encounter additional challenges related to the impacts of their assets on communities," she says.

According to the expert, the specific impacts on each community may vary depending on the type and phase of the projects, the affected audiences, and the characteristics of each region.

"The impact of a power plant that has been in operation for many years is distinct from that of a power plant under construction", she asserts. "Furthermore, any socioeconomic vulnerability of the population residing in the community may pose specific challenges for these companies", she reiterates.

For Camilia Manfredini, ESG lawyer and consultant at Anthesis who also participated in AIDH, the topic is particularly sensitive when it comes to the impacts of companies on traditional peoples and indigenous communities.

"These are populations protected by international treaties and the Brazilian Constitution", she says. "In the case of companies operating hydroelectric power plants, the management of this issue is even more important, as they can produce large-scale impacts, such as changes in water quality and river flow - assets that are highly relevant to these communities, both for their subsistence and as cultural heritage".

Regarding impact mitigation, Clara Serva emphasizes the critical importance for companies to invest in identifying, mapping, preventing, and reducing both actual and potential harm to communities. For impacts that cannot be prevented, it is essential to work on their repair.

The consultant further emphasizes the importance of maintaining effective and attentive communication, as well as qualified and meaningful engagement with communities living in the vicinity of the plants.

For Camila Manfredini, this is still a challenge for companies in the sector. "The presence of experts with experience in engagement is necessary, especially when it comes to traditional communities", she says. "They need to know their language, etiquette and culture, in order to create a safe space where communities can express their concerns regarding the company's activities".

A point of concern raised by the attorney is the communities' access to the company's complaints and reporting mechanisms. "It is crucial for impacted communities to have effective access to these mechanisms so that they can report any adverse human rights impacts", she says. "The company needs to establish an effective communication channel with the community".

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CHAPTER 3

Population displacement



Impact minimization

To select the location of our projects, we use the Brazilian electric sector manuals of the Brazilian Electricity Regulatory Agency (ANEEL), including the Hydrographic Basin Inventory Manual, which helps to prioritize and select the best alternatives for exploring hydroelectric potential, taking into account the socioeconomic aspects of its construction.

Our Environmental Impact Studies, which follow the Terms of Reference issued by the licensing authorities, identify and characterize the affected population through the application of qualitative surveys and socioeconomic and real estate research.

In accordance with legislation, following feasibility studies, meetings with local communities are intensified and public hearings are held, in order to consider their experiences, expectations, and demands in assessing impacts and proposing environmental compensation and impact mitigation actions.

In this process, we established a social interaction and communication plan with the population, promoting a comprehensive interaction process with the involved social groups, based on the principles of dialogue, social participation, and transparency, and with the involvement of the various representative bodies - formal or informal - indicated by the population itself.

Minimizing the psychological and social impacts on the directly affected population and other citizens is based on the broad dissemination of the procedures that will be adopted, as communities are invited to participate in public meetings and hearings held by the licensing environmental agency and in specific public meetings promoted by the company in the affected municipalities. In these meetings, doubts about the land procedures that will be adopted in the enterprise are clarified and the company receives complaints and/or suggestions.

Our guidelines for the resettlement of affected populations stipulate that information about the projects, their impacts, compensation and reparation measures, evaluation criteria, forms of compensation, and population rights must be made available permanently and transparently, in accessible language and through project-specific channels.

The guidelines also provide that negotiation is always sought in the reparation process, offering a plurality of options, such as collective resettlement, self-relocation, and simple compensation. The affected population must be treated with equal criteria, considering individual situations. Existing informal relations regarding land ownership and use must be considered in the process.

Eletrobras' Environmental Policy establishes that when developing a new project, we must reduce and mitigate the impacts on local communities, striving to minimize the number of people to be physically displaced and avoiding compulsory displacement.

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Eletrobras
Eletronorte

Eletrobras Group must ensure fair compensation, allowing for the recomposition of the affected population's lifestyles at a quality level equal to or greater than that enjoyed before the intervention.

In the event that no agreement can be reached through negotiation, there are legal mechanisms in place that allow a judge to appoint an expert to appraise the property. If the parties do not accept the expert's appraisal, the law provides that the respective amounts can be deposited with the court.

The population can contact the companies through project-specific relationship channels or through the Contact Us channels on the companies' websites.

In the year 2023, there were no construction projects that resulted in the displacement of people in any of the Eletrobras companies.

HPP Teles Pires: Land Loss and Compulsory Population Displacement Compensation Program

The Land Loss and Compulsory Population Displacement Compensation Program is part of the Basic Environmental Project (PBA) of HPP Teles Pires, within the Compensatory Programs block.

The program was proposed in the Environmental Impact Assessment (EIA) of the power plant as mitigation and compensation for the impacts resulting from land loss and compulsory displacement due to the construction of the dam, the formation of its reservoir, and the establishment of a new Permanent Preservation Area.

In addition to the originally proposed scope, the Program also includes compensation for possible economic losses in activities, as a result of the plant implementation or operation.

As soon as the Program was implemented, we identified the people affected and managed to achieve zero involuntary displacements during the construction of the plant, a highlight compared to other hydroelectric dams.

The information was recorded in the Program Report and filed with the environmental agency, which ended the implementation of the program as part of the evaluation of the surrounding population.

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Case

Belo Monte Hydroelectric Plant

Currently, Eletrobras holds nearly half of the capital stock of Norte Energia, the consortium responsible for managing the Belo Monte Complex. The power plant occupies an area of approximately five million hectares in the Xingu River basin, in the state of Pará.

As stipulated in Operating Permit (No. 1317/2015), issued in 2015 by IBAMA, the resettlement of families affected by the power plant on islands and shores was established as a condition. This resettlement aimed to restore the traditional way of life for the people who lived on the banks of the Xingu River and depended on it.

By November 2023, out of the 322 riverside families identified by the Company through a comprehensive social recognition process, 160 had been resettled and four were in the resettlement process.

Norte Energia also carries out complementary projects, following the guidelines recommended by the PBA-General, such as psychosocial assistance and strengthening family farming.

The Sustainable Fishing Incentive Project of HPP Belo Monte analyzes the changes that have occurred in the commercial fishing activity for both consumption and aquarium hobby, in order to contribute to the promotion of mitigation actions in the region where the project is located.

The project also aims to integrate other actions related to fishing activities, in accordance with the objectives established in the Environmental Basic Plan (PBA), seeking to understand and mitigate the impacts observed and predicted in the Environmental Impact Study of the power plant.

The initiative integrates several variables related to the fishing chain in the project region, such as:

- fishermen and vessels;
- commercial fishing for consumption;
- commercial fishing for ornamental purposes;
- participatory monitoring of subsistence fishing;
- monitoring of protein consumption;
- population dynamics and stock assessment and sustainability;
- indigenous fishing (Paquiçamba and Arara da Volta da Grande do Xingu Indigenous Lands);
- monitoring and social assistance;
- fishing technical assistance actions.

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Emergency Response



Emergency Action Plans

In compliance with the National Dam Safety Policy (Law No. 12.334/2010), Eletrobras power plants have Emergency Action Plans (PAEs) that outline the necessary actions to protect populations, properties, and the environment located downstream of dams in the event of an emergency.

The PAE of each plant includes the list of internal and external agents that must be contacted in the event of an emergency, and provides relevant information to the civil protection and defense authorities, to assist them in the preparation of the respective municipal contingency plans and external emergency management. The documents are periodically updated, in order to keep emergency contacts always up to date.

All our projects have duly prepared Emergency Action Plans (PAEs). These documents are made available to the city halls and civil defenses authorities of the potentially impacted areas and are accessible on our online platform.

In 2023, we completed the implementation of the PAEs at all of Eletrobras Eletronorte's plants. In the other plants, we carried out several activities associated with the implementation of the PAEs, including: meetings with community leaders, registration of potentially affected populations downstream of our projects and implementation of sound signaling and signs indicating escape routes, as well as external evacuation drills in partnership with the communities.

To find out more, visit our Dam Safety page.

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Emergency evacuation simulation at the Tucuruí Plant

In November, Eletrobras Eletronorte promoted the first Emergency Evacuation Simulation at the Tucuruí hydroelectric plant in the municipalities of Tucuruí (PA) and Breu Branco (PA), **the largest simulation of its kind ever carried out in the country:**

- **7 days of activities**
- **more than 100 professionals**
- **approximately over 9,000 residents took part people mobilized**

The residents needed to act as if they were experiencing a real emergency situation, simulating their response to sound alerts installed at strategic points in the city and using the Escape Route and Meeting Points signs installed as guides. To encourage public participation, we use several local communication channels.

In partnership with Civil Defense, the Simulation is part of the final stage of the Plant's Emergency Action Plan (PAE) implementation to comply with the federal law on the National Dam Safety Policy.

All external agencies involved in state and municipal emergency actions participated in periodic meetings and workshops for the integration of the Municipal Contingency Plan (Plancon) with the PAE.



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PAE implementation actions carried out in 2023

‘In 2023, the first external simulations within the scope of the Emergency Action Plan (PAE) were carried out at all of Eletrobras Eletronorte’s power plants.

The work was carried out in stages, beginning with a cadastral survey of the population residing in the Self-Rescue Zone (ZAS), followed by the stage of carrying out awareness-raising actions for potentially affected communities through playful presentations in schools, training of dam safety culture multipliers, dissemination of relevant information door-to-door with the delivery of flyers and dissemination of advertising cards in the local media (radio and TV).

The main objective of the simulation was to raise awareness and train the population residing in the ZAS in each of the municipalities about the preventive procedures that must be followed in the event of an emergency.

In summary, the following quantities participated in the simulations, in each of the plants:

Plant	Participation in simulations
HPP Tucuruí	9,149
HPP Balbina	396
HPP Coaracy Nunes	146
HPP Samuel	224
HPP Curuá-Una	132

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In 2023, Eletrobras CGT Eletrosul carried out several activities related to the implementation of the Emergency Action Plan (PAE) for its hydroelectric plants.

For example, the registration of the population downstream of the Passo São João HPP and the Barra do Rio Chapéu SHPP were completed in the first half of the year.

During the second half of the year, the implementation schedules for the PAEs at the Barra do Rio Chapéu and João Borges SHPPs, as well as the São Domingos and Passo São João HPPs, were formalized.

Contacts were also made with municipal bodies in the regions affected by the PAE scenarios, including meetings with Civil Defense, with a view to preparing communities for the implementation of the plans.



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Throughout 2023, Eletrobras Furnas carried out a registration survey activity, within the scope of implementing the Dam Safety Emergency Action Plan (PAE), at the Furnas, Itumbiara, Luiz Carlos Barreto de Carvalho, Funil, and Simplicio-Anta power plants, where a total of 12,170 individuals and 18,879 properties were registered.

Meetings were held with community leaders in each of the municipalities located in the Self-Rescue Zones (ZAS) of the company's 11 hydroelectric plants, to present the progress of the PAE actions. The public in each town was invited to see the dam structures and the inspection tools. We also supported the 1st Comic Book Contest in the municipal schools of Piranhas (AL), whose theme was "Dam Safety with an emphasis on Civil Defense.

The information obtained serves as input for sizing the communication and warning system. During the registration survey activity, communication and awareness-raising activities on the topic of Dam Safety at our plants are carried out with the population.

Furthermore, on April 25, 2023, a meeting was held at the Sapucaia Catholic Church with the leaders and communities of the ZAS with the aim of disseminating Eletrobras' legal obligations, presenting specific points of the PAE, especially the ZAS delimitation, and announcing the registration activities.

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Flooding repair in Capitolio (MG)

In January 2023, above-average rainfall in the municipality of Capitolio (MG) led to the overflow of the Piumhi River and lakes adjacent to the urban perimeter, causing flooding on public roads and residences. In cooperation with the municipality, Eletrobras Furnas provided an ambulance to serve the population and mobilized resources to restore vehicle access in the region.

In August, we signed a Term of Commitment and Legal Agreement with the Public Ministry of Minas Gerais, the Government of the State of Minas Gerais, Minas Gerais Water Management Institute (IGAM) and the Municipality of Capitólio, with the purpose of establishing actions to control flooding in the Piumhi River backflow channel and repairing damage. The agreement provides for a transfer of R$3.3 million, distributed across:

- donations for families and businesses affected by the flood;
- resources to Capitólio Municipal Environmental Fund and the Environmental Protection Association (ARPA-Passos) for allocation to environmental protection projects;
- support to the municipality with expenses related to the restoration of urban infrastructure affected by the flood.

Additionally, since January 2023, we have carried out works and services necessary for the desilting and maintenance of the channel. The agreement also provides for the preparation of an operation, monitoring and periodic maintenance plan for the Piumhi River backflow channel and payment to the municipality to prepare and execute a contingency and communication plan for the case of floods in the channel.

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Community engagement

Relationship and social communication

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Eletrobras Group's Environmental Policy provides for specific guidelines for engagement with surrounding communities, emphasizing communication and education. Our guiding principle is to promote ethical and transparent dialogue that fosters meaningful engagement and relationships with communities, recognizing their culture, forms of social organization, and the representatives appointed by them.

To ensure compliance with these commitments, we implement Social Communication Plans (PCSs) in our projects, monitored by performance indicators, with the aim of creating initiatives that facilitate communication and interaction with communities in the potentially affected area. In this communication, we seek to provide data on previous studies, our objectives in that location, ongoing activities, and results.

Furthermore, we collect data on communities' expectations, way of life and form of participation, through meetings that are held during socio-environmental studies.

The establishment of local offices, which also serve as a point of contact for residents, is also a possibility. Additionally, communication campaigns, institutional website announcements, and other informative materials can be developed. These materials should provide direct contact information with the Company.

In 2023, we created an area dedicated to conducting and managing this topic within the Company, the Community Relations area.

Furthermore, our stakeholders, including communities, are consulted to determine the material topics that govern our engagement management and communication actions.

We also carry out a reputation survey every two years, the last one in 2022. We are preparing to carry out the next one in 2024. When applying the survey to the "community" audience, representative population samples must be taken from the communities surrounding the 15 generation and transmission projects.

Whistleblowing Channel

We provide society as a whole with an external and independent Whistleblowing Channel for reporting violations of our values, commitments, Code of Conduct, policies and standards or current legislation.

The Channel can be accessed by all audiences, 24 hours a day, seven days a week, with the guarantee of anonymity and confidentiality of reports, in addition to non-retaliation against the whistleblower.

In 2023, 347 valid reports were received, of which 15 were identified as having been made by communities (6.2%).

We have established penalties for non-compliance with these human rights guidelines and practices, both in our operations and in our supply chain, which are constantly monitored. **To learn more, click here.**



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Madeira River hydroelectric inventory study

Eletrobras holding, together with Companhia Nacional de Electricidad (Ende) and the Development Bank of Latin America and the Caribbean (CAF), contracted the development of hydroelectric inventory studies for the binational stretch of the Madeira River, between Brazil and Bolivia.

The work was developed in an innovative way, by implementing a Social Communication Plan (PCS) in the early stages of the process. This decision came from the need to inform and engage the population since the early planning phase. The PCS operated from March 2018 until May 2020, when it was interrupted due to the Covid-19 pandemic.

Communication channels provided for in the plan

- **Telephone**
- **WhatsApp**
- **Website**
- **Consultation ballot boxes** distributed at strategic points in the study area;
- **Clarification meetings** with communities;
- **Information Center,** **fortnightly visits to communities and interactions with the population.**

Still in the first half of 2023, the resumption of studies was authorized and we completed the Integrated Environmental Assessment, in which the main stakeholders were invited to public seminars and technical meetings in Brazil and Bolivia, where we presented the dam alternative selected in the inventory studies. Learn more about the initiative on our website.

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Environmental Education Program at HPP Tucuruí

Eletrobras Eletronorte develops and executes the Environmental Education Program (PEA), which is part of the set of Environmental Programs proposed in the Tucuruí HPP Environmental Management Plan.

The Program's objective is to promote integration between development and preservation, minimizing the impacts caused by the project and improving the living conditions of communities.

The actions adhere to the principles, guidelines, and characteristics of the Environmental Education process established in the National Environmental Education Policy, outlined in Federal Law No. 9.795/1999, and in Normative Instruction No. 02/2012, issued by the Brazilian Institute for the Environment and Renewable Natural Resources (IBAMA).

The program began with a 12-month implementation timeframe and was scheduled for completion in December 2019. All outcomes of the actions were presented to Eletronorte professionals, local residents, riverside dwellers, artisanal fishermen, family farmers, residents of the Sustainable Development Reserve (RDS), and schools in the municipalities upstream and downstream HPP Tucuruí.

Given the positive outcomes and success of the Program among communities, Eletronorte seeks to continue the actions of the PEA.

Activities and actions promoted:

Monitoring visits and interpretive trails;

Workshop on the production chain of family farming and/or artisanal fishing;

Environmental education workshops and lectures in schools and in Sustainable Development Reserves (RDS);

Development of environmental education in productive projects of a socio-environmental nature;

Lectures and events on Environmental Policy for the HPP workforce;

Informative lectures with cinema sessions.

To learn more, click here to access Eletronorte website.

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Vila Santa Tereza Community Center

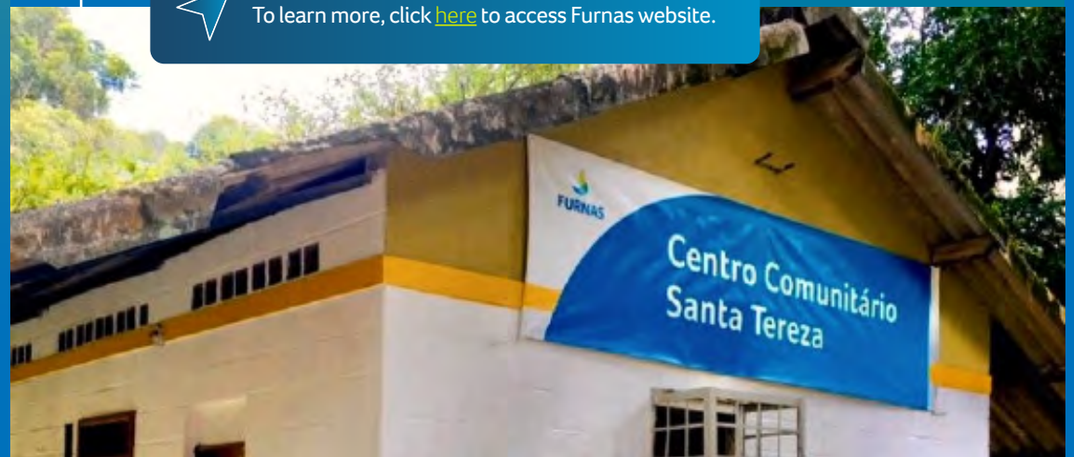
The Vila de Santa Tereza Community Center was inaugurated by Eletrobras Furnas with the aim of contributing to the development of the Belford Roxo community (RJ).

The project aims to enhance the knowledge of beneficiaries and the community, by providing tools that generate solutions to community problems.

Activities are developed through:

- socio-educational workshops;
- storytelling with children and teenagers;
- income generation workshops and conversation circles for adults.

To learn more, click here to access Furnas website.



Eletrobras
Furnas

ibase
INSTITUTO BRASILEIRO DE ANÁLISES SOCIAIS E ECONÔMICAS

Case

Community Integration Centers

Eletrobras Furnas, in partnership with the Brazilian Institute of Social and Economic Analysis (IBASE), seeks to contribute to the emancipation of low-income communities neighboring the company's facilities in Ibiraci (MG), Itatiaia (RJ), Angra (RJ), Foz do Iguaçu (PR), and Mogi (SP), promoting community-based development.

The participatory methodology of the Community Integration Centers established in the locations is based on the joint reflection of the local social situation and the collective construction of transformation instruments. Actions are created as communities organize themselves, examine their own problems, discuss their priorities, and seek solutions together with competent bodies and partners.

The work of the Centers unfolds in the following stages, empowering local stakeholders:

We prepare social diagnoses that identify the main local needs and potential:

1. We consolidate community forums
2. We prepare action plans
3. We carry out reference projects chosen by the communities



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Environmental education and fire control

Eletrobras Chesf, in partnership with Ecossis, developed the Environmental Education Program (PEA) and the Fire Prevention, Monitoring and Control Subprogram in the surroundings of the 230kV Jardim/Penedo Transmission Line, with an approximate extension of 110 km, located in the states of Sergipe and Alagoas.

The objective is to foster initiatives that involve local communities to encourage their participation in the implementation, monitoring, and evaluation of socioeconomic and environmental projects, thereby contributing to the transformation of their living spaces through sustainable environmental management.

The methodological proposal for the construction and implementation of the PEA was developed through participatory processes that sought to ensure the involvement and representation of various social groups, in an interaction between Chesf and the population surrounding the project.

The methodology fostered recognition of the population as an integral part of the region's social context, stimulating a sense of belonging and shared responsibility among everyone in the construction and maintenance of a socially sustainable environment, through awareness-raising and mobilization initiatives among social groups.

To learn more, click here to access Chesf website.

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Indigenous people and traditional communities

***Assurini**-Terra Indígena Trocará*

Indigenous action

The largest in the country

We engage with Indigenous peoples and traditional communities in the areas of influence of our operations. These initiatives must take into account **ethnic and linguistic issues**, seeking to establish ongoing **dialogue with stakeholders**, with the aim of building relationships of mutual trust, mitigating and remediating impacts.

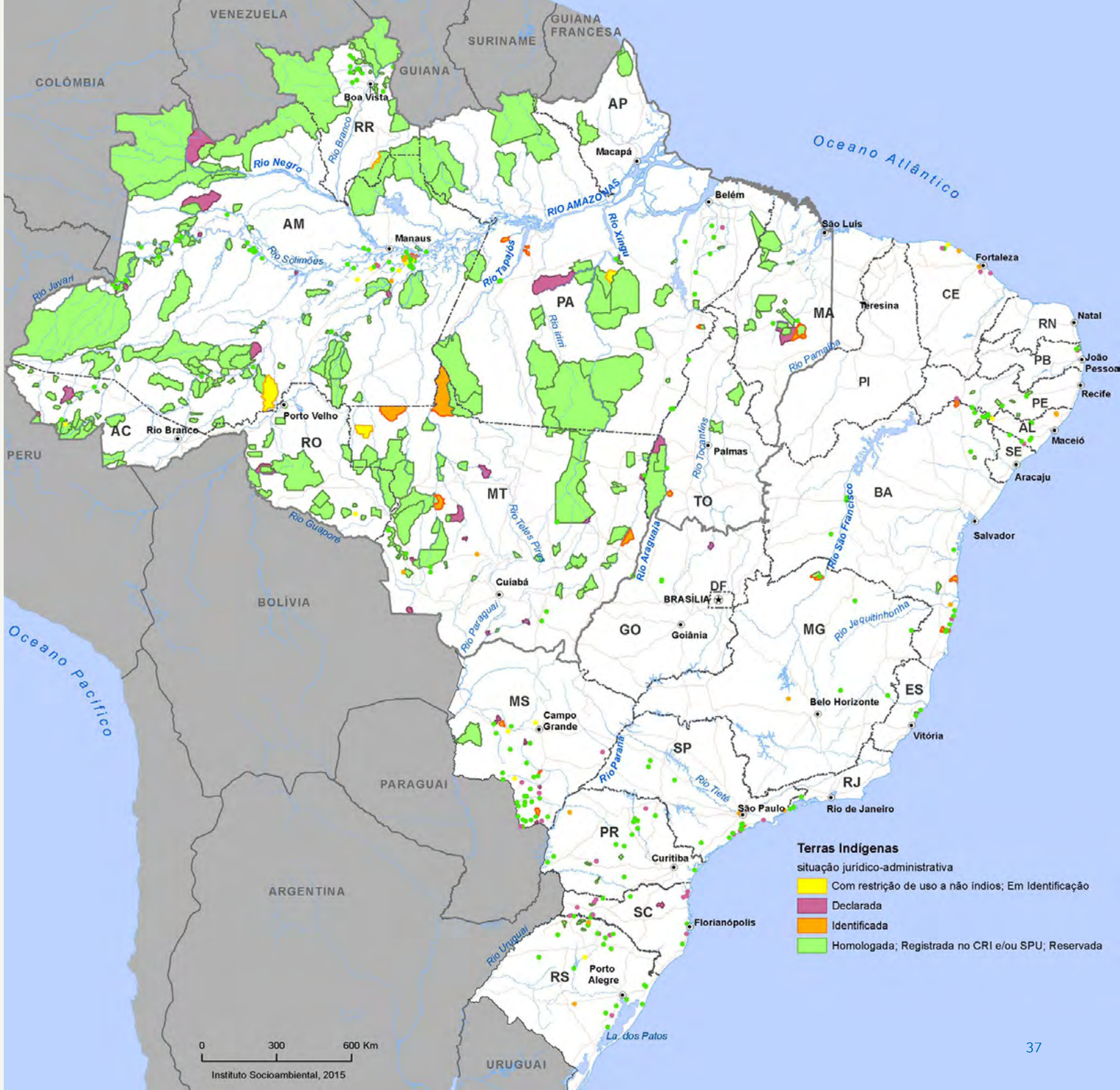
We have a relationship with

45 **indigenous lands**

We invest in projects and voluntary actions focused on the development of traditional communities and indigenous peoples.

R$ **14** million
in 2023

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During the preparation of environmental studies for each of the projects, we identified possible impacts on traditional communities – such as quilombolas and indigenous people.

In these cases, specific studies are carried out, which need to be evaluated and approved by federal government agencies (FUNAI and INCRA) that are qualified to define and monitor socio-environmental programs that can contribute to preserving the cultural identity and ways of life of this public, taking into account ethnic and linguistic issues, and aiming to build mutual trust relationships.

Eletrobras Group Environmental Policy adopts as a reference convention 169 of the International Labor Organization (ILO), which establishes the right of Indigenous peoples and traditional communities to Free, Prior and Informed Consultation (FPIC) in cases of measures that may impact them.

As part of our operating strategy, we work mainly through Basic Environmental Plans - Indigenous Component (PBAI-CI), prepared and managed by a team of professionals, with the participation of indigenous communities. Thus, we identify problems and take measures to mitigate or compensate for them. We are also working on building an internal procedure for carrying out Free, Prior and Informed Consultation (FPIC).



Throughout this Chapter, discover the main cases of socio-environmental actions carried out with traditional and indigenous communities.

In our website, we also present detailed information about all actions aimed at this audience.

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Santo Antônio Energia

In 2023, we assumed control of SPE Madeira Energia (MESA). The company is the sole shareholder of Santo Antônio Energia S/A (SAESA), which operates the Santo Antônio Hydroelectric Power Plant, located on the Madeira River - the country's fourth largest hydroelectric power generator.

Over the past ten years of operation, Santo Antônio Energia has invested over R$2.5 billion in sustainability initiatives, supporting the development of 28 socio-environmental programs aimed at mitigating potential impacts arising from the implementation of the hydroelectric power plant.

In addition, R$ 762.6 million in royalties have been paid since the beginning of its operation until the end of 2022, distributed between the state of Rondônia (25%), the municipality of Porto Velho (RO) (65%), and the federal government (10%).

In its operations, SAESA adheres to the actions established in its Basic Environmental Plan - Indigenous Component (PBA-CI), supporting and developing initiatives aimed at territorial protection, production, sustainability, ethnic strengthening and cultural appreciation.

The actions are externally audited by Independent consultants to verify compliance with the Equator Principles and the International Finance Corporation (IFC) Sustainability Standards.

Currently, Santo Antônio Energia awaits the pronouncement of Funai on the continuity of the PBA-CI, for the contracting of services related to isolated peoples and to define actions.

During a meeting held in December 2023, it was decided that FUNAI would forward the Work Plan related to isolated indigenous peoples to SAE for the hiring of a specialized company in this scope.

In 2024, FUNAI visited indigenous communities to explain the procedures to update the programs.

HPP Santo Antônio interacts with and promotes development with 4 ethnicities and isolated indigenous peoples:

- **Karitiana**
- **Karipuna**
- **Cassupá**
- **Salamãi**

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HPP Serra da Mesa

Since 1994, Eletrobras Furnas has been carrying out land monitoring and protection actions in the Avá-Canoeiro Indigenous Land (TI), in the municipalities of Minaçu and Colinas do Sul, in Goiás.

These actions are part of the environmental compensation resulting from the construction of the Serra da Mesa Hydroelectric Power Plant in part of the TI.

The expected benefits include the guarantee of territorial and environmental protection within the TI and the exclusive use of its natural resources, preventing the entry of unauthorized people.

In 2023, monitoring and daily patrols resulted in several benefits, including:

Reduction in the number of non-indigenous people who intend to enter TI;

Inhibition of new invasions and illegal occupations, as well as the withdrawal of natural resources;

Increased sightings of local fauna species around the margins of streams within the TI, including jaguars, anteaters, maned wolves, pacas, agoutis, deer, armadillos, tortoises, seriemas, capybaras, and others;

Planned “controlled fire” actions carried out by PREV-Fogo/Ibama agents in locations where outbreaks of fire were detected, which prevented the spread of fire and protected local biodiversity.

In 2023, we also supported the hospitalization process of Chief Trumak, an indigenous leader of great importance to the community, by assisting with the connection of the village to the electrical grid for the chief’s treatment.

HPP Serra da Mesa line, from Eletrobras Furnas, occupies part of the 38 thousand hectares of the Avá-Canoeiro Indigenous Land, in the municipalities of Minaçu and Colinas do Sul, in Goiás.

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Ivaiporã/Itaberá Transmission Line

The Kaingang Infrastructure, Sports and Culture project aims to mitigate and compensate for impacts on the Indigenous Land of Queimadas, located in the municipality of Ortigueira (PR) and crossed by the Ivaiporã/Itaberá 1 and 2 transmission line, from Eletrobras Furnas.

Through this project, we support anticipatory actions during licensing and the preparation of the diagnosis and plan to mitigate and compensate for the impacts caused by the installation of transmission lines in the region.

From 2022 to 2023, the project promoted the construction of a community kitchen, a multipurpose space, and a multi-sports center with a locker room, bleachers, and a leisure area in the territory of the Kaingang indigenous people.

The community was engaged in a participatory process for the selection of actions to be implemented, through an agreement established between Eletrobras, the Public Ministry, and FUNAI.

The implementation of community socialization spaces contributes to strengthening the ethnic-cultural identity of the Kaingang, benefiting 785 residents of the community.

Additionally, we donated Essential Food Baskets and Personal Hygiene Kits, helping to promote food security and health for the population.

In 2023, we will begin negotiations to carry out another project in the community, which aims to use the infrastructure delivered for cultural recovery, professional qualification and food security initiatives.



The Ivaiporã/Itaberá 1 and 2 transmission line, from Eletrobras Furnas, crosses the Queimadas Indigenous Land, of the Kaingang ethnic group, in the municipality of Ortigueira (PR).

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HPP Jirau

The Jirau Hydroelectric Plant, located on the Madeira River in Rondônia, is one of the largest hydroelectric plants in Brazil. With an installed capacity of 3,750 MW, the plant is a strategic undertaking for the national energy system, contributing significantly to the generation of renewable and sustainable energy.

In December 2023, FUNAI approved the Work Plan for the Basic Environmental Plan - Indigenous Component (PBA-CI) of HPP Jirau. This plan aims to bring socioeconomic, environmental, and cultural benefits to the populations of the four impacted Indigenous Lands (TIs), supporting the rational use of natural resources related to dietary customs, ritual cycles, and indigenous health.

The actions have been implemented and well-received by indigenous peoples, who have responded to the invitations and participated in the actions in an engaged manner. The results can be monitored through annual reports submitted to the licensing bodies.

For 2024, the protocols for these reports are under internal review to better monitor the PBA-CI.

HPP Jirau has already invested R$36 million throughout the execution of the program carried out with these people, including:

- **Guiding actions;**
- **Construction of adequate Surveillance Post infrastructure;**
- **Basic Indigenous Health Units (UBSI);**
- **Indigenous Schools;**
- **Donations of equipment and vehicles.**

Jirau Hydroelectric Power Plant (HPP) is located more than 100 kilometers away from:

Indigenous Lands (TIs)

Igarapé Lage and Igarapé Ribeirão, territory of the Oro Wari people

TI Kaxarari,

territory of the Kaxarari people

TI Uru Eu Wau Wau,

territory of the Jupau, Amondawa, Oro Win peoples

isolated

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Belo Monte Hydroelectric Power Plant

Eletrobras Eletronorte and Eletrobras CHESF hold nearly half of the capital of Norte Energia, the consortium responsible for managing the Belo Monte Complex. **The power plant occupies an area of approximately 5 million hectares in the Xingu River basin, in the state of Pará, and has relationships with nine ethnic groups, 11 lands, and an indigenous area. In total, 4,800 indigenous people are impacted by the project's activities.**

Consultation and discussions with the Xingu people regarding the implementation of HPP Belo Monte project took place over more than 40 years. In the first decade of the 2000s, the project was revised to ensure that no indigenous lands would be flooded, and its implementation was authorized.

The fulfillment of licensing obligations is monitored by the National Indigenous Foundation (Funai), to which we send semi-annual reports on the actions taken. Through independent socio-environmental monitoring audits, quarterly reports are disclosed to BNDES, Caixa Econômica Federal and BTG Pactual, which also address the fulfillment of obligations, from the perspective of compliance with the Equator Principles.

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The Basic Environmental Plan - Indigenous Component (PBA-CI) encompasses a set of 27 work packages with commitments aimed at the indigenous peoples of the Médio Xingu, on topics such as indigenous subsistence, conservation and territorial protection, education and health, support for artistic and cultural production, infrastructure in villages and communication.

Among the main listening, clarification, and accountability mechanisms established in the environmental licensing process for interaction between the entrepreneur and indigenous peoples are the meetings of the Indigenous Management Committee, which take place in Altamira (PA), and the meetings of the 10 subcommittees, that take place on indigenous lands.

In addition, a radio broadcasting network has been installed, currently covering over 115 radios in indigenous lands and Altamira (PA), and 78 satellite antennas have been installed to provide internet access, expanding communication channels.

In 2023, HPP Belo Monte carried out environmental studies and social initiatives through:

carrying out more than 250 meetings with local communities;

4 public hearings with 8 thousand participants;

models, posters, folders and booklets to inform the local population about the project implementation, in addition to weekly radio broadcasts;

meetings in the villages, to present the HPP Belo Monte project to indigenous leaders.

The Belo Monte Hydroelectric Power Plant (HPP) occupies an area of approximately 5 million hectares in the Xingu River basin, in the state of Pará. The project has relationships with nine ethnic groups, 11 indigenous territories, and one indigenous area. In total, 4,800 indigenous people are impacted by the project's activities.

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Belo Monte Hydroelectric Plant - Kayapó Mekrãgnoti Program

As a result of the commitments undertaken during the licensing process for Eletrobras Eletronorte's Belo Monte hydroelectric power plant, since 2012 we have been supporting socioenvironmental responsibility projects with Kayapó indigenous communities in the Badjônkore, Baú, Kayapó, Las Casas, and Mekrãgnoti indigenous territories, located in the mid-Xingu River basin in southern Pará.

In 2023, we continued our participation in the project with Kayapó indigenous communities from the mid-Xingu River, in southern Pará, covering around 1,500 indigenous people and ten villages.

This project is carried out in partnership with the National Indigenous Foundation (Funai), Norte Energia and the Kabu Institute, which represents the so-called Kayapó do Oeste, the representative institution of the Kayapó.

Among the outcomes of the action are the institutional strengthening of the executing indigenous associations, the monitoring and protection of the indigenous lands involved, the promotion of sustainable economic activities, and the cultural appreciation of the Kayapó ethnic group.

The projects are financed by Norte Energia, with a total investment of R$11 million from 2018 to 2023. Eletrobras is responsible for monitoring and managing the relationship with communities, in a region of strategic interest for the company's business.

Still in 2023, Associação Floresta Protegida (AFP) was hired by Eletrobras to lead a participatory process to renew the third cycle of projects aimed at the Eastern Kayapó communities.

This new cycle follows the completion of the second one, which took place in 2019. The objective is to actively engage the 39 villages associated with and benefiting from the association's work, collaborating in multiple stages for the detailed design of a new plan. The project will cover the definition of specific actions, a detailed schedule, progress indicators, tangible targets and budget allocation, and will be carried out over a total period of five years.

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Balbina Hydroelectric Power Plant - Waimiri Atroari Program

The Waimiri Atroari Program was created in 1987 by Eletrobras Eletronorte with the objective of generating value and mitigating the impacts of the HPP Balbina reservoir on the lands of the Waimiri Atroari people, who live in the north of Amazonas and south of Roraima.

At its inception, the Program found the Waimiri Atroari facing serious difficulties, with a significant population decline: they were approximately 1,500 in 1974 and had been reduced to 374 people by 1987.

As part of the actions to minimize the damage caused by the reservoir, we compensated the Waimiri Atroari people for the value of their crops located in the directly affected area, regardless of whether or not they were flooded.

The Waimiri Atroari people were also compensated for the creation of new farms, the construction of new villages, and the deforestation required for the construction of a protective dam for the reservoir, all within the indigenous area. In addition, we also covered the costs of the support required for the relocation of the Tapupunã and Taquari villages and the construction of new Indigenous Posts, to replace those affected by the reservoir (Pin Taquari and Pin Abonari).

The program is composed of a multidisciplinary team formed by technicians from Funai, the Department of Education of the State of Amazonas, the Institute of Tropical Medicine of Manaus (IMTM), the Amazonas University, and Eletrobras. Its actions are divided into eight subprograms:

- Education Subprogram
- Production Support Subprogram
- Environmental Protection Subprogram
- Health Subprogram
- Surveillance Subprogram
- Administration Subprogram
- Documentation and Memory Subprogram
- Operational Support Subprogram

In 2023, R$9.9 million were invested in the Waimiri Program.

Throughout the year, Eletrobras Eletronorte, in partnership with Cepel and Enertech, a clean energy developer and investor, began the implementation of a modular container, which incorporates solar panels for energy generation and battery storage in the Waimiri Atroari community.

Access to energy in the community will support the improvement in quality of life, the expansion of productive, cultural and educational activities, in addition to demonstrating new paths for the expansion of renewable energy in the country.

The construction of HPP Balbina impacted the relocation of two villages from the reservoir area to another part of the indigenous land, with an impact on the areas of use of other existing villages, due to the flooding of 30,000 ha of the Waimiri Atroari Indigenous Land.

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Transmission Lines in Manaus-Boa Vista

Through Eletronorte's 49% stake in the SPE Transnorte Energia (TNE), we are participating in the construction of the Manaus-Boa Vista Transmission Line, which will connect Roraima, the only Brazilian state that is not yet integrated into the National Grid, providing a secure source of quality electricity supply to the state and reducing dependence on fossil fuels.

We have developed a Basic Environmental Plan, approved by Ibama, which outlines environmental programs to enhance positive impacts and minimize negative ones on the Waimiri Atroari Indigenous Land.

Environmental programs and operational and construction procedures were discussed with the indigenous community and approved by Funai and Ibama, aiming to ensure that the impact on the life, routine, and land of the Waimiri Atroari people is minimized.

Among the actions to reduce impact, we highlight:

- The towers built in the section will be elevated (approximately 100 meters high) and self-supporting, so that the power cables remain above the tree canopy, minimizing vegetation suppression;
- Cable laying will be carried out using drones whenever possible;
- There will be no construction sites or housing facilities within the area, and the towers will be pre-assembled and transported into the facility;
- Workers' meals will be prepared outside the indigenous area, and no garbage will be disposed of there;
- There will be a limitation on working hours and training in the environment and TI conduct rules for all workers;
- The locations for the installation of the transmission towers were defined in conjunction with indigenous leaders, in a participatory process;
- The transmission line right-of-way within the TI (70 meters wide along the 122 km route) corresponds to only 0.033% of its total area;
- There will be no vegetation suppression or strip clearing, nor will there be any impediment to the regular activities of agriculture, hunting, and fishing;
- Bilingual signs in Portuguese and Kinja Iara (Waimiri Atroari language) will be installed in construction areas within the TI;
- The Basic Environmental Plan - Indigenous Component (PBA-CI) is currently in progress, with socio-environmental programs, impact mitigation measures, and compensation for the Waimiri Atroari people.

Our socio-environmental teams have monitored and supported the implementation of the Plan, including Human Rights due diligence actions.

The Transmission Line consists of a double circuit, three substations and around 1,400 towers over 721 km, 122 km within the Waimiri Atroari Indigenous Land, parallel to BR-174.

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Tucuruí Hydroelectric Power Plant

Assurini Program

The Assurini Program was created to direct an investment of R$ 10 million over five years to compensate the Assurini do Tocantins indigenous community in the Trocará Indigenous Territory, located in the municipalities of Baião and Tucuruí, Pará, for the impacts of the implementation of the HPP Tucuruí by Eletronorte.

The Program consists of the implementation of projects in the areas of basic sanitation, health, education, culture and leisure, support for social organization and institutional strengthening, territorial occupation, surveillance and monitoring, income generation and food security. In 2023, R$ 225.8 thousand were invested.

One of the highlights was the Basic Sanitation Program, which involved the implementation of a solar-powered water supply system, a sewage system, and solid waste management, all aimed at improving public health and reducing environmental impact.

Parakanã Program

The Program was developed as compensation for the environmental and social impacts on the Awaete Parakanã community, inhabitants of the Parakanã Indigenous Land, located in the area of influence of the HPP Tucuruí reservoir, in the Tocantins River basin.

The indigenous land has 19 villages on 351 thousand hectares. In 2023, R$10.6 million were invested in the Parakanã program.



The Tucuruí Hydroelectric Power Plant is located approximately 30 kilometers upstream from the Trocará Indigenous Land and 40 kilometers downstream from the Parakanã Indigenous Land:

TI Trocará

732 inhabitants of the Assurini ethnic group from Tocantins, divided into four villages, with 21,722 hectares.

TI Parakanã

inhabited by around 1,200 indigenous people of the Parakanã ethnic group, in 19 villages, with an area of approximately 351,000 hectares



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Stories of the forest people:
Chief Luana Kaingang

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Chief Luana is a respected member of the Kaingang indigenous community, residing in the Queimadas Indigenous Land, in the state of Paraná. The territory is home to socio-environmental projects undertaken by Eletrobras Furnas, aimed at mitigating and offsetting the impacts caused by the Ivaiporã/ Itaberá 1 and 2 transmission lines, installed in the region during the 1980s.

Luana was appointed chief in 2023, a role that was traditionally held only by men, becoming the village's first female leader.

According to the chief, Eletrobras played a role in this process through the Indigenous Leadership Strengthening Program, which aims to train and empower civil society leaders and qualify them to defend the social, environmental, and territorial rights of traditional peoples and communities.

The chief recounts that she has heard that the Transmission Lines arrived in the community during the time of her grandparents and had an impact on the farmland areas.

"A significant portion of the food supply used to come from this land, where the transmission lines are currently installed. Additionally, there were concerns about the safety of children who were circulating there", she says.

Today, as chief of the indigenous village, Luana monitors the compensation and mitigation projects, which are proving to be important for the development of the community. According to Luana, one of Eletrobras' main contributions is supporting the appreciation of indigenous culture, through the implementation of training programs.

According to the chief, encouraging the presence of women has proven to be crucial and the training has helped to strengthen the spaces where women can speak and be valued. "Before, only men took part. Now we're more recognized," she says. "I wasn't much of a talker, I didn't know how to engage in dialog very well. Now I'm much more participative, able to communicate and lead my people", she says.

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Tucuruí-Marabá-Imperatriz-Presidente Dutra Transmission Line (C1 and C2)

As an anticipatory compensation action for the Eletrobras Eletronorte Transmission Line, which was built in the 1970s and is in the licensing regularization process, we have developed Krikati Cultural Appreciation Program, Environmental and Territorial Management Program, Food Security and Income Generation Program, and Support Program for the Strengthening of Krikati Indigenous Organizations.

We are currently in the process of developing the Basic Environmental Plan - Indigenous Component in the Krikati community. This plan outlines a ten-year program to mitigate the impacts caused by the implementation and operation of the Transmission Lines.

Within this context, we invested R$ 1.7 million and developed a Work Plan to establish Program goals and activities.

As part of the compensation for the construction of the Transmission Line, we also have actions in the negotiation process with the indigenous people foreseen in the TI Cana Brava and adjacent areas (TI Rodeador, TI Lagoa Cumprida and TI Urucu-Juruá), inhabited by the Guajajara people in Maranhão, and in the TI Mãe Maria, inhabited by the Gavião people in Pará.

The Tucuruí-Marabá-Imperatriz-Presidente Dutra Transmission Line (C1 and C2) passes through several indigenous lands, involved in the Basic Environmental Plan - Indigenous Component:

Krikati Indigenous Land

in the municipalities of Montes Altos and Sítio Novo, in Maranhão, with 145 thousand hectares and 1,300 indigenous people.

Cana Brava Indigenous Land

located in the municipalities of Barra do Corda, Grajaú and Jenipapo dos Vieiras, in the state of Maranhão, it has an area of approximately 518,000 hectares and is inhabited by around 10,824 indigenous people of the Guajajara ethnic group.

Rodeador Indigenous Land

located in the municipality of Barra do Corda, in the state of Maranhão, it has an area of approximately 2,319 hectares and is inhabited by 587 indigenous people of the Guajajara ethnic group.

Lagoa Cumprida Indigenous Land

located in the municipality of Itaipava do Grajaú, in the state of Maranhão, it has an area of approximately 12,697 hectares and is inhabited by 1,046 indigenous people of the Guajajara ethnic group.

Urucu-Juruá Indigenous Land

located in the municipality of Itaipava do Grajaú, in the state of Maranhão, it has an area of approximately 12,697 hectares and is inhabited by 1,046 indigenous people of the Guajajara ethnic group.

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Teles Pires Hydroelectric Power Plant

In 2023, Eletrobras Eletronorte started to consolidate 100% of the operation of the Teles Pires Hydroelectric Power Plant.

Built on the Teles Pires River, a tributary of the Tapajós River, on the border of the Pará and Mato Grosso states, the power plant carries out 18 socio-environmental programs with the Kayabi, Munduruku, and Apiaká indigenous peoples, among which we highlight:

Program for Identification and Management of New Sources of Non-Ti1mber Forest Products

It seeks to identify non-timber forest products within Indigenous Lands, develop pilot projects for extraction and commercialization, and promote the production and sale of indigenous handicrafts, with the aim of generating more sustainable income for communities.

Indigenous Organizations Strengthening Program

Empowers the Kayabi, Munduruku and Apiaká associations through courses and exchange of experiences with successful associations, strengthening the political alliance between ethnicities and enhancing networks between associations.

Forest Inventory and Ethnozoning Program

It maps the natural resources of areas used by indigenous peoples, using satellite images, and promotes ethnozoning of the areas covered in a participatory manner, defining the limits and priority uses, in accordance with the communities' future projects.

Indigenous Environmental Education Program

It adopts methodologies that increase indigenous participation in the knowledge production and dissemination processes, supporting the conduction of courses and workshops.

Preservation of Munduruku religious rituals

A significant milestone this year was the celebration of an agreement between the HPP, the Federal Public Defender's Office, and Munduruku representatives. This agreement facilitates the performance of sacred ceremonies near the power plant, at a site where ceramic vessels were buried. A cooperation agreement is currently being drafted to establish regular visits, twice a year.

The partnership reflects a joint effort to promote respect for the Munduruku people's culture and traditions, recognizing the importance of their sacred rituals and the need to preserve their culturally significant sites, and fostering harmonious coexistence.

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Teles Pires Hydroelectric Power Plant

The Teles Pires Hydroelectric Power Plant, located on the Teles Pires River, on the border of the states of Pará and Mato Grosso, is adjacent to the following indigenous lands:

Kayabi

area of approximately 1.1 million hectares, inhabited by indigenous people of the Kayabi ethnic group.

Munduruku

area of 2.4 million hectares, inhabited by approximately 14,000 indigenous people of the Munduruku ethnic group.

Apiaká

located in the Teles Pires river region and inhabited by the Apiaká people.

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Erva Mate Subgroup Interconnected System

In 2023, as part of the environmental licensing conditions for the enterprises that make up the Erva Mate Subgroup Interconnected System, we held a workshop to carry out the Participatory Socioenvironmental Diagnosis (DSAP) in the Invernada Paiol da Telha quilombola territory, located in the Municipality of Reserva do Iguaçu (PR).

The diagnosis process constitutes the initial phase of the work involving the implementation of the Environmental Education and Social Communication Programs for the projects to be implemented next year at the site.

TPP Candiota III – Phase C

In the Municipality of Candiota (RS), in the area of influence of the TPP, a DSAP was carried out in the Quilombola Settlement Companheiro João Antônio, which highlighted the need to develop a project aimed at strengthening the social organization of the community.

The project is being implemented through workshops and community dialogues and, in 2023, we held a workshop on: “Alternative cleaning products: a sustainable choice”.

Support for flood victims in Santa Rita do Bracuí

In December, CGT Eletrosul carried out a solidarity action in response to the flood faced by the Santa Rita do Bracuí Quilombola community, in Angra dos Reis (RJ), which suffered significant losses.

The flood resulted in the devastation of homes, vehicles, crops, and local livestock, leaving the community in a vulnerable situation. A joint effort between the company and the Association of Remnants of Quilombos Santa Rita do Bracuí involved the donation of 220 mattresses and 1,000 five-liter water jugs to residents to mitigate the impact of the disaster. Representatives of Eletrobras were present during the delivery of the donations, assisting with the community’s most urgent needs.



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Indigenous peoples vulnerability to climate change

During the Climate and Human Rights for Business Practitioners in Brazil workshop, Cepel presented the "Socioenvironmental Vulnerability to Climate Change" project, which is part of Eletrobras' institutional RD&I project portfolio.

The project addresses the impacts of climate change on Brazilian watersheds and how they can affect the availability of natural resources and the livelihoods of local communities, as well as exacerbate conflicts among users.

As part of the project, Cepel developed the Indigenous Vulnerability Index, which allows guiding integrated climate adaptation strategies for electricity companies operating close to Indigenous Lands.

norteENERGIA
USINA HIDRELÉTRICA BELO MONTE

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Permear Project

The Permear Project is an initiative undertaken by Norte Energia S.A. in collaboration with the Municipal Secretariat of Education of Altamira, in the state of Pará. The project aims to assist the municipality in implementing Federal Law No. 11.645/2008, which provides for the mandatory teaching of indigenous history and culture in primary education.

The proposal aims to develop a pilot continuing education project for teachers in the municipal network of Altamira (PA) with the aim of subsidizing them with content and discussions prepared and taught by indigenous people, who are also teachers in the municipal network and traditional inhabitants of the Mid-Xingu region.

Through this unprecedented project in the region, we aim to contribute to ethnic-racial education and the appreciation of the histories, cultures, and ethnic identities of indigenous peoples.

A total of 37 municipal network teachers have completed the training process and are able to replicate the acquired knowledge with approximately 4,100 students from urban schools in Altamira (PA).

The methodology is expected to be replicated and institutionalized in a public, free, and quality university, becoming the seed of an ethnic-racial training process in the region.

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Overview of socio-environmental investments

In order to contribute to sustainable development and minimize impacts on communities neighboring our operations and offices, as well as those located in the river basins contributing to our hydroelectric plants, we invest in strategic socio-environmental projects, through direct choice projects and thematic notices.

In 2023, we invested R$22.3 million in socio-environmental projects, through donations, sponsorship and volunteering.

One of the means we use to select supported projects is Eletrobras Group's Socio-Environmental Projects Notice, an initiative aimed at supporting projects that promote environmental preservation and sustainable socioeconomic development.

Launched in 2021, the notice allocates financial resources to initiatives that operate in areas of influence of plants, substations, transmission lines or administrative headquarters of Eletrobras companies, as well as in river basins where the company is present.

The main objective of the notice is to promote projects that contribute to the recovery of biodiversity, conservation of water resources and generation of socioeconomic value for local communities.

Over the course of 2023, we continued to manage the eight projects selected in the first Eletrobras Group's Socio-Environmental Notice, which took place in 2021.

Discover on the following pages socio-environmental projects supported and led by Eletrobras companies.

The guiding principles that underpin our private social investment actions, integrating them into our management model, are outlined in the Eletrobras Group's Social Responsibility Policy.

Among its guidelines, the document guides investment in social projects, actions, and programs. It also establishes ethical and transparent dialogue with stakeholders, considering their expectations, needs, and social, cultural, economic, political, and environmental contexts, in a commitment to sustainable development.

The policy is grounded in a series of guiding documents, including the United Nations (UN) Global Compact, the Sustainable Development Goals (SDGs), treaties and conventions of the International Labour Organization (ILO), guidelines from the Organization for Cooperation and Economic Development (OECD) for companies and the international standard ISO 26.000.

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"Alimergia" Continuity

Supported by the Eletrobras Group Socio-Environmental Projects Notice, in partnership with the Cooperativa Mista de Produção, Industrialização e Comercialização de Biocombustíveis do Brasil Ltda. (Cooperbio), the project is being carried out in the municipality of Seberi (RS), in the Atlantic Forest region.

By combining the restoration of degraded areas with native species with low-carbon agricultural, livestock, and forestry practices, the project contributes to increased biodiversity and carbon capture in the region.

Actions focused on the recovery of 20 hectares of degraded areas on family farms with areas of up to four fiscal modules, promoting income generation and quality of life.

Over the two-year project, 900 people were directly benefited and 1,200 were indirectly benefited, with 96 hours of activities and the planting of over 5 thousand native tree seedlings.

Eletrobras Group Socio-Environmental Project Workshop

In 2023, the 2nd Eletrobras Group Socio-Environmental Projects Workshop was held, aiming to present the results achieved by the projects, exchange experiences, and promote the creation of a network based on the identification of common interests among the projects.

During the event, which was open to both internal audiences and the communities involved, the institutions presented their respective projects, outlining their goals, outcomes, and the positive and negative aspects of their activities' development. The event also included a question-and-answer session.

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Formiga Verde

The project was supported through the Eletrobras Group Socio-Environmental Projects Notice, in partnership with the Instituto Permacultura Lab.

This is a community-based environmental education program, which took place in Morro da Formiga, northern region of the city of Rio de Janeiro (RJ), throughout 2022 and 2023.

The initiative aimed to reduce the environmental impact on the flora and fauna of Tijuca National Park through socio-environmental actions, combining environmental conservation with positive social impact for the community, such as:

- At least ten children continuously attending the training space promoted by the project.
- Training workshops aimed at young people and adults, in partnership with the Hortas Cariocas program, for the development of low-cost sustainable technologies and practices, combining knowledge from agroecology and permaculture.
- More than 2 thousand seedlings were planted as part of the project.

The topics chosen prioritize income generation and food security for resident families, as well as a legacy for the community.

In 2023, the project celebrated the completion of its activities in Morro da Formiga with a special ceremony. The planting of seedling number 2,000 of the pau-formiga species was a milestone. The event also showcased the agroforestry consortium of corn, beans, and squash, followed by a collective snack.

Eletrobras volunteers, Instituto Permacultura team, environmental agents, community members and students from Escola Municipal Jornalista Brito Broca participated in the action.



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Palmito Project

Palmito Project is an urgent response to the gradual disappearance of the juçara palm tree in the Atlantic Forest. Considered a national symbol, the species is threatened with extinction due to the predatory extraction of palm hearts and the reduction in the preserved area of this biome.

The juçara palm tree provides habitat and food for a variety of species, including birds, mammals, insects and plants, helping to maintain the forest's food chain. Furthermore, they help to stabilize the soil and prevent erosion. Quoted in Pero Vaz Caminha's first letter, the tree's fruits and palm hearts are used as a source of food and income for indigenous and traditional communities.

Conducted by researchers from the SATC Technological Center (CTSatc), the Palmito Project envisages the production and planting of 10 thousand seedlings in regions where their absence was found, in the municipalities of Morro Grande, Nova Veneza and Siderópolis (SC). Additionally, the project includes raising awareness in surrounding communities.

Selected in the Eletrobras Group Socio-Environmental Projects Notice in 2021 (page 129), the project is financed by CGT Eletrosul.

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São Francisco Lakes Project

The São Francisco Lakes Project, carried out by Eletrobras Chesf, aims to promote the sustainable development of rural communities around the dams of the Paulo Afonso Complex and the Itaparica (Luiz Gonzaga) and Xingó hydroelectric power plants on the São Francisco River.

Approximately four thousand family farmers residing in twelve municipalities across the states of Alagoas (Piranhas, Olho D'Água do Casado, Delmiro Gouveia, and Pariconha), Bahia (Paulo Afonso, Glória, and Rodelas), Pernambuco (Jatobá and Petrolândia), and Sergipe (Canindé de São Francisco, Poço Redondo, and Nossa Senhora da Glória) are benefiting from the initiative.

Activities are conducted in small demonstration areas showcasing innovations installed on farmers' properties or in community spaces. Additionally, training and entrepreneurship encouragement events are organized, along with the distribution of equipment, seedlings, and technical materials to assist families in the production process.

The action plans reflect the agricultural, economic, and environmental diversity of the region, encompassing activities such as honey production, fruit and vegetable cultivation, livestock raising, environmental preservation initiatives, and riparian forest restoration, among others.

In 2023, Field Days were held in the cities of Petrolândia (PE), Rodelas (BA), and Curaçá (BA), focusing on the management of mango, coconut, and lemon trees, respectively. The events brought together around 124 producers, family members, and students.

Throughout the year, a special series of mini-documentaries about the São Francisco Lakes Project was also produced and disseminated, consisting of 12 films with testimonies and images that portray the project's importance. **Click here to learn more.**



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Chapada Diamantina Quilombolas

The project "Semeando Resiliência do Território Chapada Diamantina" (Sowing Resilience of the Chapada Diamantina Territory) is being implemented in 21 rural communities, eight of which are quilombolas, in the microrregions of the municipalities of Abaíra, Andaraí, Boninal, Piatã, Seabra, Ibicoara and Morro do Chapéu, in the state of Bahia, an area of CHESF's operations.

The initiative aims to implement agroecological production units, taking into account regenerative organic farming practices to restore soil fertility, reduce production costs, achieve greater water retention in the soil and restore biological balance.

Furthermore, the project invests in continued training so that communities can increasingly achieve their sustainable rural development objectives, gaining autonomy and generating self-sufficiency.

Concurrently, the project reinforces land and environmental regularization activities, a measure that is vital for legal certainty and effective land management.

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Clean Water Project

One of the projects supported by Eletrobras Furnas between 2021 and 2023, selected through the Eletrobras Group Socio-Environmental Notice, was the "Clean Water: Traditional and Quilombola Families - Preserving the Environment" initiative, located in Acaiaca (MG).

The initiative aims to strengthen family farming, encourage the conservation of local biodiversity, and preserve water resources, with the participation of children, adolescents, adults, and students of Escola Família Agrícola – EFA Paulo Freire.

Its focus is to support the creation of the school nurseries, fence off springs and the construction of biodigesters in rural communities, in addition to promoting environmental education workshops in schools and communities.

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Conservation and Development for the Caatinga Protected Areas Surroundings

Implemented by Eletrobras Chesf in the Buffer Zone Communities of the Sete Passagens State Park (BA), the project was selected through the 2021 Socio-Environmental Notice and aims to promote environmental planning for the conservation and management of local water resources. Its initiatives include the implementation of social water technologies to improve sanitation, rainwater harvesting, water resource conservation, food production, and ecological awareness.

With the involvement of rural communities, technical visits and workshops were held to understand the agroecological aspects of social water technologies for living with the semi-arid region, as well as to obtain technical support for the implementation of the agreement's actions.

The project empowers the communities surrounding the Conservation Unit to fulfill their role in containing and minimizing external threats to biodiversity conservation, such as water pollution, deforestation, fires, and pesticide use.

Delta Turtles Project

Supported by Eletrobras Chesf, it is an initiative aimed at the conservation of sea turtles in the Delta do Parnaíba region. This project, coordinated by the Instituto Tartarugas do Delta (ITD), seeks to protect and preserve sea turtles through beach monitoring actions, nest protection, rescue of stranded turtles and environmental education programs for the community.

The project has shown significant results in the conservation of endangered species, such as the hawksbill sea turtle (Eretmochelys imbricata) and the green sea turtle (Chelonia mydas).

In 2023, the project continued to expand its activities with the support of Chesf, ensuring the protection of an increasing number of nests and hatchlings, in addition to carrying out educational actions that reached several local communities.

Productive Handicraft Project

This project aims to contribute to the conservation of the Delta do Parnaíba Environmental Protection Area (APA) by supporting local handicrafts. Developed in the Piauí coastline, the initiative identifies productive groups that can collaborate with environmental conservation actions through their handicraft activities.

Craft workshops, conversation circles, entrepreneurship workshops and support for marketing products were developed.

Female Entrepreneurship

In partnership with the NGO Amor Forte, the 1st Women's Entrepreneurship Meeting – She Can, was held for women around the Chesf Headquarters, in Recife (PE), an event in which women could showcase their products and services.

In partnership with the NGO Comitê da Cidadania dos Chesfianos de Recife (CCCR) and the NGO Amor Forte, we also supported the lecture "Female Entrepreneurship: from protagonism to success", offered by Sebrae Pernambuco, for women living in the communities surrounding Chesf Headquarters, in Recife (PE).

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Ciranda Project - Music and Citizenship

Eletrobras Furnas maintains the annual activities of the orchestral instruments teaching center at Instituto Ciranda, in the city of Rondonópolis (MT), an organization created to develop actions in the areas of education and culture, using music as a citizenship tool.

Around 3 thousand people have already gone through the experience, and the students' challenge is to enter the job market. In 2023, more than 100 people were trained, including refugees of different nationalities.

Social Action through Music

The project, carried out by Eletrobras Furnas, aims to contribute to the collective teaching of classical music aimed at children and young people living in socioeconomically disadvantaged communities and in social vulnerability situations, maintaining its activities in seven centers in the State of Rio de Janeiro: Petrópolis, Complexo do Alemão, Morro dos Macacos, Rio das Pedras, Manguinhos, Tijuca and Cidade de Deus.

String and wind instrument lessons, orchestra practice classes, complementary artistic workshops, as well as school reinforcement and socio-educational lectures are offered.

Caregiver Training

For over two decades, Eletrobras Furnas has been a proud supporter of a professional training program for the role of caregiver for the elderly, children, and people with disabilities. Offered in Rio de Janeiro (RJ), the program features both theoretical and practical classes, with a focus on enhancing the quality of life for those under care.

Training and teaching materials are provided free of charge, while meals and transportation are the responsibility of the students. Upon completion of the training, students' names are included in the Eletrobras Caregiver Registry. A highlight of the initiative is the training of refugees.

Internet of Things for High School Youth

In partnership with the Laboratory of Integrated Technological Systems (LSI-TEC), affiliated with the University of São Paulo (USP), the project inaugurated five Internet of Things (IoT) Maker Spaces in public schools in the city of São Paulo.

The schools received electronic component kits for physical programming, equipment, tools, and basic furniture to set up a low-cost Maker Space.

The initiative is aimed at providing students with opportunities to develop projects and solutions and understand the social and professional impacts of IoT, contributing to a more equitable, inclusive and quality education.

Based on the principles of workforce education, the project has already trained approximately 600 young people in less than two years.



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Volunteering

In 2023, we began restructuring our Volunteering Program, aiming to better adapt it to Eletrobras companies' current reality and onboarding process.

In this sense, in October, a workshop was held with the participation of representatives from all companies, with a focus on transforming existing programs into an integrated program for the entire group, with strategic guidelines aligned with business, enabling future actions to be planned.

Throughout the year, 3,029 hours were dedicated to voluntary work, including time for planning and conducting actions, with the participation of a thousand professionals. A total of 8,149 people were benefited.

Among Eletrobras' integrated actions, we can mention the following projects:

- Donation Day, with the collection of 2,686 kilos of food and 102 hygiene items;
- Social gardens on premises and around companies with food donated to the community;
- Seedling planting action in partnership with the Formiga Verde project (RJ), covered by the Eletrobras Group Socio-Environmental Projects Notice;
- Conversation circles on various topics, including fighting sexual exploitation of children and adolescents and conscious consumption;
- Storytelling at the Pequenas Vozes do Carmelo Project (RJ), part of the CRAS (Social Assistance Reference Center) Network in downtown Rio de Janeiro;
- Christmas campaign, which collected approximately 600 gifts for socially vulnerable children and adolescents;
- Aqueça o coração, which collected thousands of hygiene items, clothes and coats donated to people in socially vulnerable situations;
- Emergency blood donation, Children's Day and Easter campaigns.

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Voluntary actions

In 2023, Eletrobras Chesf, in partnership with local organizations, developed Corporate Social Responsibility initiatives with the aim of encouraging, organizing, supporting, and recognizing voluntary actions of citizen participation by its employees for the benefit of society, aiming to meet the needs of the communities close to its projects.

Among the main activities, we highlight:

Conversation circle about fighting sexual exploitation of children and adolescents, in the municipality of Glória do Goitá (PE);

Conversation circle with students at Helena Pugó School, in Recife (PE), about fighting sexual exploitation of children and adolescents;

PET bottle collection campaign, which are donated to the NGO Fábrica de Vassouras Ecológicas, made up of women in socially vulnerable situations, in Recife (PE);

Tetrapak box collection campaign, which are cleaned and used to produce thermal blankets for donation to homeless people;

Banho do Bem Campaign, with collection of hygiene items brought by professionals (hotel or purchased kits);

Solidarity Christmas, with collection of 582 new gifts for daycare centers in Recife (PE) and Salvador (BA);

Donation Day, with the collection of 683 kg of food, in Recife (PE), Salvador (BA) and Sobradinho (BA), which will be donated to institutions that work in the area of Social Assistance across the country;

Partnership with ten institutions that developed projects to fight violence and sexual exploitation of children and adolescents in the municipalities of Fortaleza and Pacajus (CE) and Altinho, Glória do Goitá, Serra Talhada, Paulista and Arcoverde (PE).

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Mentoring with energy

Virtual action developed by the Volunteering Program and Eletrobras Young Apprentice Program, in partnership with FESA C.R.O.M.A institute, with the participation of all subsidiaries.

The volunteers underwent training and became mentors for the company's young apprentices. The objective was to provide inputs and tools so that young people in socially vulnerable situations could develop their professional action plans, contributing to their personal growth. As the pairs were formed with mentors and mentees from different regions of the country, we also promoted the exchange of regional cultures.

This action won the "Conexões que Inspiram" 2023 award, promoted by the Minas Gerais Volunteer Committee.

Case

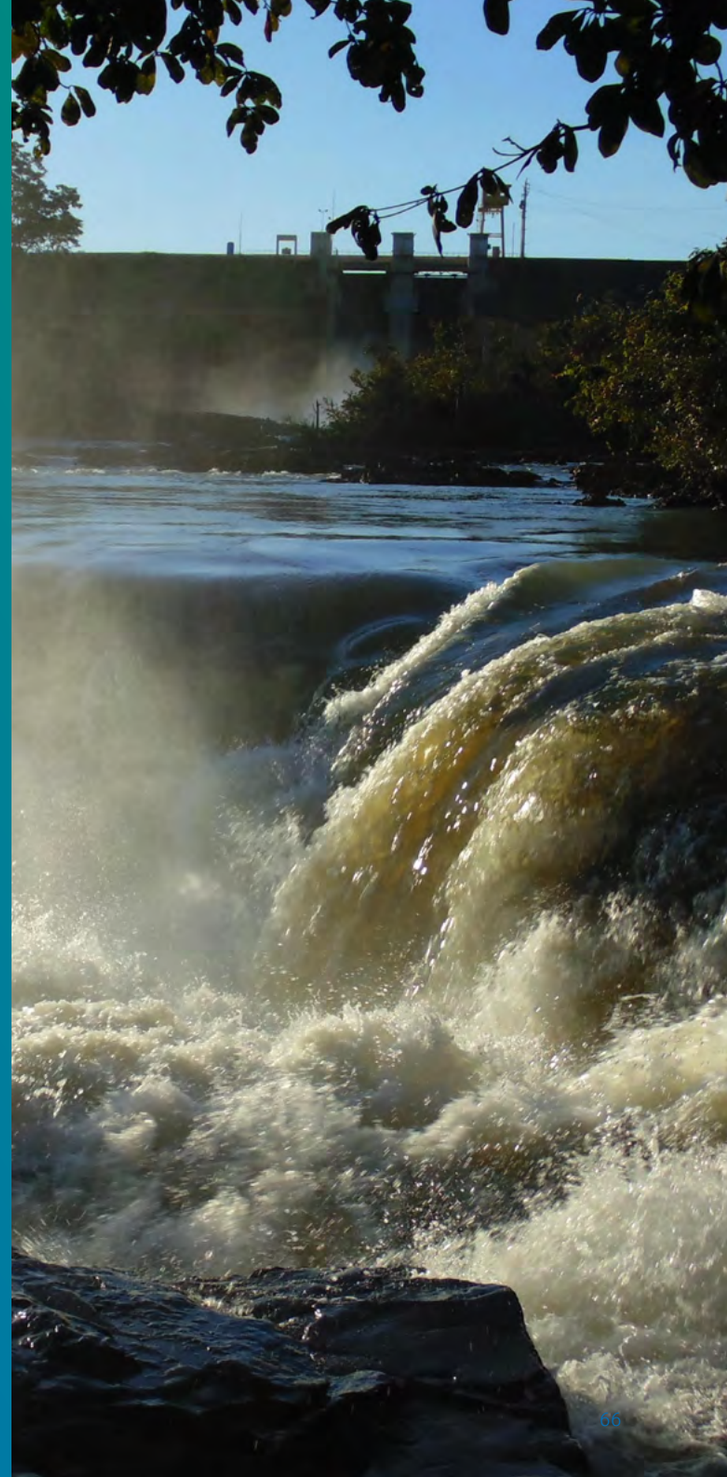
Environmental Intervention for Water Recovery

The action, promoted by Eletrobras Furnas, carries out cleaning, reforestation and planting of native seedlings, with the aim of revitalizing and recovering areas. The project also includes the creation and installation of ecological barriers and the recovery of river sources, as well as raising environmental awareness among employees, families and schools surrounding the projects.

The seedlings are donated by the company's nursery or by partners, and all collected waste is destined for a cooperative partnership with the company.

In 2023, a joint effort was carried out to plant 250 native seedlings of the Atlantic Forest in the Pedra Branca State Park (RJ), which were donated by the Funil Hydroelectric Power Plant nursery.

The goal of the action was to recover one of the four springs that feed the Piraquara River, which has been drying up over the years due to forest degradation.



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Fight Against Abuse and Sexual Exploitation of Children and Adolescents

Reinforcing the human rights agenda, Eletrobras Group worked together, through their volunteers, in raising awareness for the National Day Against Child Sexual Abuse and Exploitation, held on May 18th, as part of the National Campaign “Faça Bonito” (Do Something Good).

Annually, actions are carried out in partnership with local networks in the company’s territories, with emphasis on mobilizing society through recreational activities, raising awareness among beneficiaries of social institutions and participation in activities with local networks.

In 2023, partnerships were established with the Social Assistance Reference Center Network (CRAS) and the Network for Combating Sexual Violence against Children and Adolescents in Pernambuco, benefiting those served by these social institutions. Additionally, discussion circles were held with volunteer mentors to promote the internal protection network that benefits the company’s young apprentices and interns.

CHILDHOOD
PELA PROTEÇÃO DA INFÂNCIA
FUNDADA POR S. M. RAINHA SILVIA DA SUÉCIA

PROGRAMA NA MÃO CERTA

Na Mão Certa

Since 2022, we have joined the “Na Mão Certa” Program, a Childhood Brasil initiative that promotes joint efforts to end the sexual exploitation of children and adolescents in different links in the production chain. In 2023, our work became a case of the Program, as a good practice aimed at the company’s young audience, which includes young apprentices and interns.

The initiative consisted of promoting our internal protection network in favor of this audience. In the 1st semester, actions and conversation circles were held with supervisors, mentors and the companies’ young apprentices and interns. In the 2nd semester of 2023, a conversation circle was held with representatives of young apprentice and intern companies to reinforce the importance of the topic and detail the action plan.

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Sponsorship

Throughout 2023, we invested more than R$8 million in 32 sponsorship projects, enhancing cultural, sports and innovation actions.

Below are some of our highlighted sponsorships for the year, and on our website, you can find all the projects we support.

Light Festival

The presentation, sponsored by Eletrobras and supported by Riotur, features 150 drones that draw figures in the air, lasers that can be seen from up to 6km away, projections and music.

At the intersection of art and technology, it creates accessible experiences and interacts between street art and videomapping, a combination of art and technology that promotes the occupation of public space and explores the millennia-old human tradition of storytelling.

The festival took place in São Paulo (SP) and Florianópolis (SC) and was attended by 600 thousand people over five years.

Rio Innovation Week 2023

Eletrobras took part in Latin America's largest technology and innovation fair, Rio Innovation Week, which promotes innovation and technology to create new businesses.

The event shares experience with key market players in research, development, sustainability, innovation and technology, from the integrated perspective of our strategic corporate area.

SDGs In Brazil

Eletrobras participates in SDGs in Brazil, an event of the Brazilian network that takes place at the United Nations headquarters in New York.

The initiative seeks to engage companies in the public and private sectors to contribute to leveraging the sustainable development of the Amazon, with an eye on achieving the UN Sustainable Development Goals (SDGs).

Sports sponsorship

We conduct the Eletrobras Group Sports Sponsorship Program, a notice aimed at the selection of sports and para-sports projects, approved by the Sports Incentive Law, with the aim of contributing to sport becoming a tool for social transformation in the municipalities where we operate.

A total of 35 primary and seven alternate projects were selected, with a primary focus on initiatives that enhance our brand's reputation and effectively demonstrate our support for national sports.

An example is the sponsorship of Flamengo Olimpico V - Water and Artistic Sports, a project that aims to develop high-performance sports for athletes in the base teams of swimming, water polo, synchronized swimming, and artistic gymnastics. This is achieved by providing training conditions appropriate for athletic development, the opportunity to participate in major championships (regional, national, and international), and overall improvement of the athletes.


Eletrobras