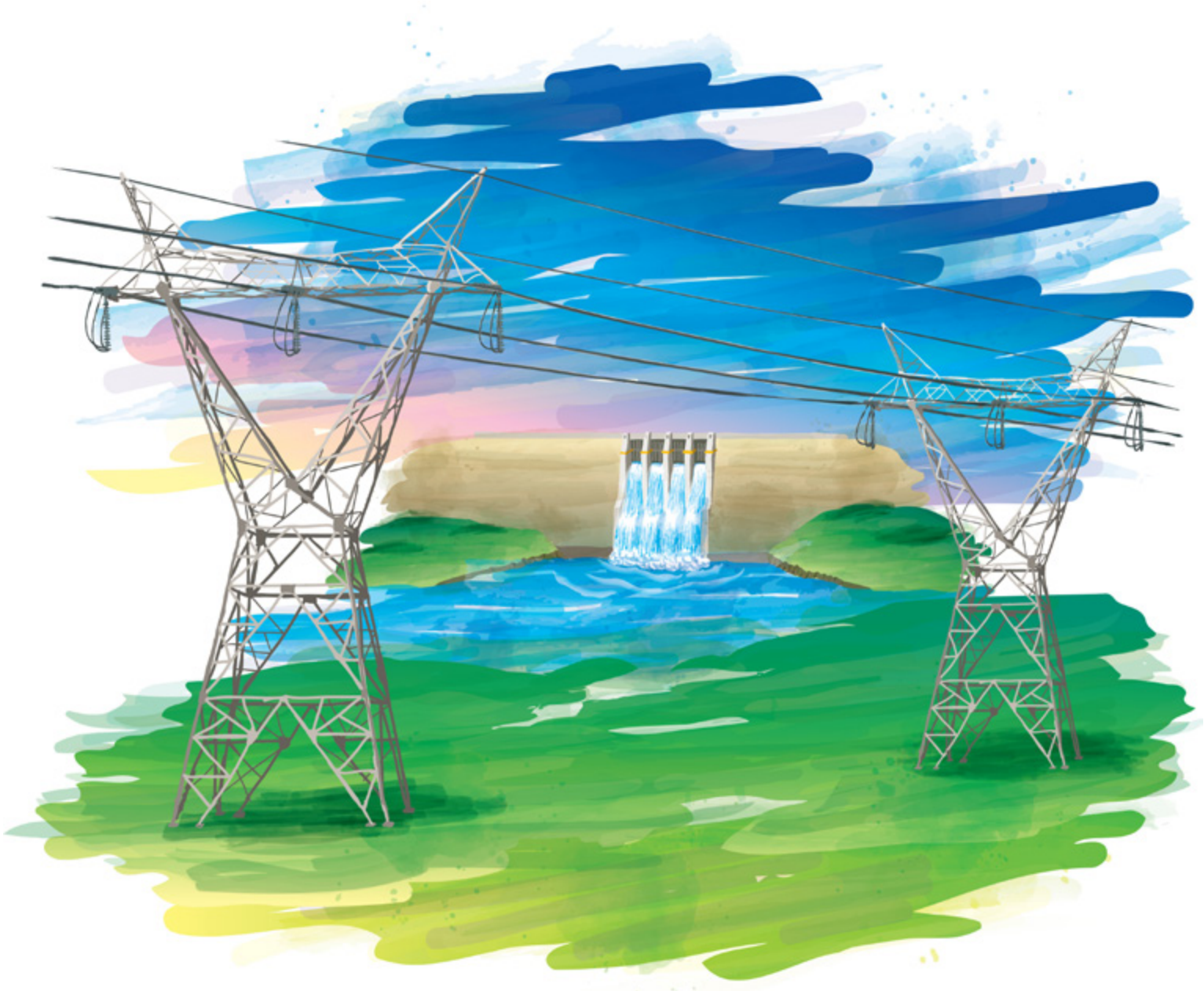
Eletrobras
Eletrosul

50 years

SUSTAINABILITY REPORT 2017



COMPANY'S CONCERN ABOUT THE FUTURE

EXECUTIVE BOARD

Gilberto Odilon Eggers
CEO

Tomé Aumary Gregório
Chief Financial Officer

Jaime de Souza
Administrative Officer

Rogério Bonini Ruiz
Director of Operations

Jorge Andriguetto Júnior
Director of Engineering

ADMINISTRATIVE COUNCIL

Wilson Ferreira Jr. – **President**

Gilberto Odilon Eggers

Armando Casado de Araujo

Ricardo Moura de Araujo Faria

Celso Knijnik

Rita de Cássia Pandolfi Camara Gagliardi

FISCAL COUNCIL

Ricardo Botelho – **President**

Pedro Paulo da Cunha


ELE
TRO
SUL

MESSAGE FROM THE ADMINISTRATION (G4-1, G4-DMA-30)

On the eve of its 50th anniversary (which will proudly be celebrated in 2018), Eletrobras Eletrosul continues to carry out, with excellence, the work that is in the leading position in the Brazilian electric sector. Along this road, the company has been improving the labour carried out in the search not only for its own strengthening, but also the sustainable development of the communities in which it operates - and with that, of the Country.

In 2017, a structuring agreement was signed with the Shanghai Electric and Clai Fund, which foresees the partnership for the feasibility of projects that make up Lot A of the ANEEL Auction No. 004/2014, a set of fundamental energy transmission projects for Rio Grande do Sul. The company achieved the goals of reducing costs and improving processes it had been strongly developing since 2016. The debt profile was reduced due to the transfer of participation of wind power generation projects to Eletrobras and the receipt of Law 8,727 / 93.

With the austere and necessary measures, Eletrobras Eletrosul is preparing for the future. The configuration and implementation projects of the Shared Services Center (CSC) and the ERP Standard Deployment Program (ProERP) in the Electronics Electronic Companies Compared to the advances in 2017, which contributed to the improvement and management of the most comprehensive activities and productive These projects will be consolidated in 2018, allowing for the implementation of changes for which the functional body is already preparing - and whose challenges will be overcome by the great team formed by the professionals of Eletrobras Eletrosul.

Investments in technology have achieved important results, such as the production of solar cells with the highest efficiency in Brazil, in partnership with the Pontifical Catholic University of Rio Grande do Sul (PUCRS). The first satellite communication tests were carried out for the remote operation of the substations and power plants, in order to increase the efficiency and reliability of the supervision, command and control activities.

In the social area, the "CommunityGardens" program was included in the FAO's Platform for Good Practices for Sustainable Development, an agency of the United Nations specialized in combating hunger and poverty. The work carried out jointly with other entities, bodies and movements such as the UN, Global Compact and "We Can Santa Catarina" strengthened the performance of the company (and other participating institutions) in the creation and monitoring of public policies - an example of the impact positive that the work together is able to provide for the whole society.

Starting in 2018, the commitment to the Sustainable Development Goals (SDG) will be part of the company's strategic plan. Five of them, those that are most directly related to our business, were included in the Business and Management Plan (PNG) 2018-2022, with goals and indicators - for which the company will spare no effort. For Eletrobras Eletrosul and all those who are part of the company's life, this will be a fifty-year anniversary with great commitments.

SENIOR MANAGEMENT SUPPORT TO THE INTEGRITY PROGRAM

The Eletrobras Senior Management demonstrated its support for the Compliance environment, leading the project to implement decision-making measures and, at the same time, adjusting the shortcomings that could be classified as executive, including them in its strategic objectives . It was for this purpose that the Holding Board of Conformity launched the "Eletrobras 5 Dimensões" program, which seeks to:

a) Development of the management environment of the health program;

b) Periodic risk assessment;

c) Structuring and implementation of policies and procedures of the health program;

d) Communication and continuous training;

e) Monitoring of the program, remediation measures and application of penalties.

THE NUMBERS OF 2017

Economic performance - R$ million*	2016	2017
Gross operating revenue	3,387	2,342
Net operating revenue	3,189	2,089
Ebitda CVM	2,154	1,158
Equity	5,539	5,964
Net Income	1,109	347

*consolidated data (including participations)

Human capital (G4-8, G4-9, G4-10, G4-13)	Men	Women	Total
Effective employees	1,031	198	1,229
Outsourced employees	314	139	451
Employees assigned	10	2	12
Employees amnestied	210	64	274

Eletrobras Eletrosul had 29 participations in the Young Apprentice Program and offered 220 traineeships.

Direct economic value generated and distributed (G4-EC1)* R$ millions	
Added Value	1,861
Wages	280
Benefits	191
Dividends	136
Funders	570
Government	447
Economic value withheld	236

*data Controller (does not include participations)

Shareholders (G4-09)	% of ownership
Eletrobras	99.8782
Usiminas	0.0566
CEEE	0.0484
Copel	0.0139
Celesc	0.0015
CSN	0.0012
Other	0.0003
Total	**100.00**

Length of transmission and distribution lines (G4-EU4)	
Average voltage (up to 88kV)	56.2
High voltage (above 88kv and below 245kv)	7,377.86
Extra high voltage	3,643.10
Total	**11,073.16**

SUMMARY

01

Who we are

Care for the environment and communities are part of what Eletrosul planned for its future as a sustainable company.

SDG 7 | AFFORDABLE AND CLEAN ENERGY

01 WHO WE ARE

Eletrobras Eletrosul, as well as other Eletrobras Companies, has a strong concern with issues related to climate change and the use of alternative sources of energy. In 2017, the generating plant of the company consisted only of renewable sources, and research and prospecting for future projects followed the same perspective.

> "In 2017, the five Sustainable Development Goals (SDG) were defined, which will be prioritized by the company."

However, it was not only in relation to the projects that Eletrobras Eletrosul proved its commitment to sustainability. In 2017, together with the other Eletrobras Companies, the five Sustainable Development Goals (SDG) were defined, which will be prioritized by the company and its purposes and goals were included in Eletrobras Eletrosul's Business and Management Plan (PNG) 2018-2022, with the appropriate indicators. They are: SDG 16 - Peace, justice and strong institutions, SDG 7 - Accessible and clean energy, SDG 9 - Industry, innovation and infrastructure, SDG 8 - Decent employment and economic growth, SDG 13 - Combating climate change.

Even though five of the SDG have been formally prioritized in their planning, the company's performance in conducting its business and in its relationship with society leads it to reach others. This occurs insofar as the concern for the preservation of the environment and the development of the communities where it operates, being a natural part of all organizational processes. In the implementation of projects, the respective studies and contacts with the stakeholders start well before the works, so that the company is also a participant in the decisions that may affect them. This work, done in a democratic and transparent way, is what will define the forms of mitigation and compensation of possible negative impacts, as well as the potentialization of the positive impacts of the enterprises.

For this type of relationship with the community to be productive for all, it is essential that the company be efficient. With this objective, Eletrobras Eletrosul made changes in its business portfolio to balance its financial resources. Part of the debt that the company has with Eletrobras was offset by the transfer, to the Holding, of equity interests of Specific Purpose Entities (SPE's) of electricity generation and transmission projects. In addition, a number of other measures have been taken in this direction, enabling very positive - and promising - results to be achieved.

1.1.ELETROBRAS ELETROSUL (G4-3, G4-4, G4-5, G4-6, G4-7, G4-8, G4-9)

Eletrobras Eletrosul Power Plants S.A., incorporated on December 23, 1968 and authorized to operate by Decree No. 64,395, dated 04/23/1969, is a closely-controlled mixed-capital company controlled by Power Plants Brasileiras S.A (Eletrobras) and , as such, linked to the Ministry of Mines and Energy (MME). Concessionaire of public transmission services and independent producer of electric energy, invest in research and development, fosters the use of alternative energy sources, provides telecommunications services, maintenance, operation and practices other acts of commerce resulting from these activities. With headquarters in Florianópolis (SC), Eletrobras Eletrosul operates through its own ventures and / or partnerships (SPE) in the states of Santa Catarina, Rio Grande do Sul, Paraná, Mato Grosso do Sul, Mato Grosso , Pará and Rondônia.

The company holds 91 operations, distributed among its boards:

Area	Number of operations
Board of Directors	12
Financial Management	11
Presidency	14
Engineering Department	16
Management Board	38
Total	**91**

1.2.DISCOVERY AND MAIN RESULTS FOR 2017

Partnership for investments in Rio Grande do Sul

Eletrobras Eletrosul, Shanghai Electric and Clai Fund signed a structuring agreement that provides for investments of R$ 3.977 billion in the implementation of the projects related to Lot A of the ANEEL Auction No. 004/2014 in the state of Rio Grande do Sul. 9 thousand kilometers of transmission lines to be added in the System, eight new substations and the expansion of another 13 substations. This will increase the reliability of the electric power supply to the Metropolitan Region of Porto Alegre/RS and establish a new point of service to the North of the State. It will also be fundamental to enable the disposal of energy from future wind farms and thermoelectric projects. The signature ceremony of this agreement was held on November 17, at the Piratini Palace, headquarters of the Gaucho Government.

Satellite Teleassistance

The tests for satellite communication in the remote operation of Eletrobras Eletrosul substations and power plants were started, connected to the National Interconnected System (SIN). The objective is to increase the efficiency and reliability of the activities of supervision, control and control of assets under the responsibility of the company. The satellites of Hughes Communications and Telebras (the first Brazilian satellite) are being tested for the real-time teleassistance of the Campos Novos Regional Installation Operation Center (SC) and Ivinhema Substation (MS).

Solar cell with higher efficiency

Research by the Pontifical Catholic University of Rio Grande do Sul (PUCRS), in partnership with Eletrobras Eletrosul, which developed solar cells with the highest efficiency in Brazil (17.3%), in a totally industrial way. Entitled "Development of Industrial Processes for the Manufacture of Solar Cells with Aluminum Paste and Passivation", this Aneel R & D project has proven that it is possible to produce more electric power with the same amount of silicon.

Accession to the Regional Committee "We Can"

Member of the National Movement for Citizenship and Solidarity "We Can Santa Catarina", Eletrobras Eletrosul formalized the participation as a signatory of the Regional Committee "We Can Great Florianopolis". The purpose of this Committee is to disseminate and carry out, locally, from the state guidelines, the actions related to the 17 United Nations (UN) Sustainable Development Goals (SDG).

Transfer of generation and transmission assets

The process of transferring, for Eletrobras, the shareholding held by Eletrobras Eletrosul in wind generation and electric power transmission projects. This operation represents one of the steps set forth in the Company's Business and Management Plan (PNG 2017-2021), which provides for the settlement of debts with the Holding and directs the redirection of Eletrobras Eletrosul's goals and projects, seeking the reconfiguration of the business and its financial sustainability.

Teles Pires Hydroelectric plant reaches maximum generation

In February, the Power Plant achieved the maximum power output of 1,820 MW - enough to supply five million consumers. Such a mark was possible due to the increase of rainfall in the region of the Hydroelectric, located in the border of the state of Pará with Mato Grosso. Eletrobras Eletrosul holds a 24.72% stake in the TelesPires Hydroelectric Company (CHTP), which is responsible for the project.

Jirau Hydroelectric plant records record availability

In October, the Jirau Hydroelectric Plant achieved 100% availability of generation in response to the demands of the National Electric System Operator (ONS). The venture remained the first of the country in the ONS ranking, with an average of 99.21%. Considered the third largest hydroelectric plant in Brazil, UsinaJirau has 50 generating units in commercial operation, with an installed capacity of 3,750 MW, capable of serving a population of 40 million people. Eletrobras Eletrosul holds a 20% interest in Sustainable Energy of Brazil (ESBR), responsible for the project.

1.3. AWARDS AND RECOGNITIONS

FAO Best Practices Platform

The "Community Gardens" Program has been included in FAO's Platform for Good Practice for Sustainable Development, a UN agency specializing in combating hunger and poverty through improved food security and agricultural development. In this context, Eletrobras Eletrosul's initiative was recognized in the thematic axis "Socio-Productive Inclusion", which deals with intersectoral articulation, promotion of growth and economic development.

Social Responsibility Certificate

Eletrobras Eletrosul received the "Certificate of Social Responsibility of Santa Catarina 2017", in recognition of the fulfillment of qualitative and quantitative requirements of economic, social and environmental performance, attesting the commitment of the company's management to sustainable development. This is the third time Eletrobras Eletrosul has won this Certificate, granted by the Legislative Assembly of the State of Santa Catarina (Alesc).

Best and Largest Exame

Eletrobras Eletrosul was one of the national highlights, rising 192 positions in relation to the ranking of 2016. In the list of the 500 largest companies in the country in net revenue, Eletrobras Eletrosul was the 194th place in the 2017 edition. Compared to the 50 largest state companies, it ranked 21st. In the ranking of the Biggest 100 of the South Region, it jumped from 56th position to 23rd place. Among companies based in Santa Catarina, Eletrobras Eletrosul appeared in sixth position.

500 Greater Southern

In the ranking of “Amanhã Magazine”, edition of 2017, Eletrobras Eletrosul advanced five positions in the study that points out the 500 Biggest of the South, occupying the 15th place. In Santa Catarina, the state company ranked in the fifth position. For the classification of companies, are evaluated revenue, profit and equity.

Green Card Fair Play Awards 2017

The table tennis team supported by Eletrobras Eletrosul, who represented Brazil at the CSIT World Sports Games in the Republic of Latvia, was the big winner of the 2017 Green Card Fair Play Awards. The Brazilian team was the only one honored among the 16 modalities, because it presented the best sports spirit during the disputes. With the conquest, the team was accredited for the 2019 World's Worker Games in Spain.

STRATEGIC PLAN FOR ELETROBRAS COMPANIES 2015-2030

Mission

Acting in the energy market in an integrated, profitable and sustainable way.

View

To be among the three largest global clean energy companies and among the ten largest in the world in electricity, with profitability comparable to the best in the sector and being recognized by all its stakeholders.

Values

- Focus on results
- Entrepreneurship and innovation
- Appreciation and commitment of the people
- Ethics and transparency
- Sustainability

02

About this Report

A thorough work has been done to ensure accurate and transparent information in this publication.

SDG 8 | **DECENT WORK AND ECONOMIC GROWTH**

02 ABOUT THIS REPORT

(G4-29, G4-30, G4-31, G4-32, G4-33)

This report presents the performance of Eletrobras Eletrosul from January 1 to December 31, 2017, in the economic, social and environmental spheres. The previous year's report was based on the fiscal year of 2016.

The report follows the guidelines of the Global Reporting Initiative (GRI) and, for the third year, presents the G4 version in the "Comprehensive" option, which includes all the mandatory indicators - however, the most relevant and company and its stakeholders were given more prominence.

There is no external verification for this report. For any further clarification, Eletrobras Eletrosul provides the electronic address sustentabilidade@eletrosul.gov.br and telephone 55 (48) 3231-7690.

In 2017, there were no significant changes in the relationship with suppliers, location, supply chain structure or relationships, including the selection and exclusion process. However, there should be changes in the implementation process of the Contract Tender Regulation, scheduled for 2018.

2.1. MATERIALITY DEFINITION PROCESS (G4-18)

Phases

- Survey of the most relevant topics mentioned by stakeholders in the communication channels of Eletrobras Companies (Ombudsman, Media, Trade Unions, Clients and Social Networks);
- Creation, by the Holding, of the Materiality Survey questionnaire, containing the most relevant topics cited by stakeholders of Eletrobras Companies;
- Application of the Materiality Survey to Eletrobras Eletrosul's stakeholders;
- Evaluation of the frequency and identification of the degree of importance given by the stakeholders;
- Conduct research on the institutional context, through materiality analysis, considering the relationship channels with the Company, media reports and significant fines;
- Strategic direction with the themes related to Sustainability contained in the Business and Management Plan and the Business Performance Targets Agreement approved by the High Management.

Survey of Relevant Issues (G4-19, G4-20, G4-21)

Themes	Relevant topics for stakeholders	Relevant to the company
Water	✓	✓
Biodiversity	✓	
Customers	✓	✓
Communities	✓	✓
Legal Compliance	✓	✓
Corruption and Ethics Management	✓	✓
Human Rights	✓	
Energy Efficiency	✓	✓
Employees and Jobs	✓	✓
Suppliers	✓	✓
Power Supply	✓	✓
Risk and Crisis Management	✓	✓
Corporate Governance	✓	✓
Innovation, Diversification and R & D	✓	✓
Climate Change		✓
Waste		✓
Financial Results	✓	✓
*Stakeholder Satisfaction		✓
Health and Safety	✓	✓

*See relation in the table in item 2.5 of this report

2.2. LIMITS OF THE REPORT (G4-17, G4-18, G4-28)

In this report, we present Eletrobras Eletrosul's results for 2017, which include the company's operations as a concessionaire of public transmission services and independent producer of electricity generation in the states where it has its own projects. The partnerships, which have their own management, will be included only in the item "Business of the company" and will not be part of the reports of each one of the indicators.

The entities included in the company's financial report for 2017 are included in the document "Financial Statement" for the fiscal year ended in 2017 and published on Eletrobras Eletrosul's website, in an area dedicated to investors (www.eletrosul.gov.br).

In this report, the themes considered material will be highlighted, since, according to GRI guidelines, the impact of each of these themes, inside or outside the organization, should be considered. In this way, the company will be able to monitor its actions related to them.

2.3. ORGANIZATIONAL BOUNDARIES (G4-24, G4-25, G4-26, G4-32)

In order to define the Materiality Matrix to be considered in this Report, from the point of view of the Stakeholders (external view), a consultation was carried out by the company through a web search. Invitations to customers, suppliers, employees, unions, partners, as well as made available on the Eletrosul Website for the manifestation of society in general.

Regarding Eletrobras Eletrosul's own vision, Materiality was defined taking into account the provisions of the Business and Management Plan (PNG) of the Company 2017-2021, as well as the Business Performance Targets Contract (CMDE) 2017 -2021, in which are expressed projects, initiatives, indicators and targets to be pursued by the Company and which include the sustainability pillars. It is important to note that these documents are in line with the Strategic Plan of Eletrobras companies 2015-2030 and are subject to deliberation by the Company's Executive Board and Board of Directors, thus translating the concept of Materiality from the point of view of Alta Administration.

2.4. REFORMULATIONS AND CHANGES (G4-22, G4-23)

In 2017, Eletrobras Eletrosul uses, for the third consecutive year, the GRI G4 Model for the production of its Sustainability Report, focusing on the fundamental elements of the impacts generated by its economic, environmental, social and governance performance. There have been no significant changes or restatements in relation to periods covered by previous reports regarding scope and aspect boundaries.

2.5. STAKEHOLDER ENGAGEMENT (G4-DMA-30, G4-24, G4-25, G4-26, G4-27, G4-PR5)

For Eletrobras Eletrosul, efficient and transparent communication with its different audiences is paramount. This is stimulated through the various channels of communication that the company uses to maintain continuous contact and strengthen the relationship with its stakeholders. The communication seeks to keep all stakeholders informed about management plans and strategies, economic and financial results; clarify doubts about technical, institutional, social and environmental issues; evaluate customer satisfaction; speed up registrations; strengthen relationships with suppliers and negotiate labor issues.

The company's website promotes a great interaction with several stakeholders. General information about the company, its business and sustainability actions, among others, is available. Much economic and financial information is also available on the website, as well as Board of Directors meeting minutes.

FORMS OF RELATIONSHIP OF THE COMPANY WITH THE INTERESTED PARTIES

Key stakeholders G4-24	Form of interaction	Reason for engagement G4-26	Results achieved G4-26
All	Ombudsman channels (e-mail, internet, intranet, 0800, face-to-face attendance)	Take cognizance of suggestions and criticisms from all interested parties	Specific actions to regulate demands
	Management and Sustainability Reports, website, Facebook and Twitter, among others	Communicate to stakeholders about sustainability actions (economic, social and environmental) and other types of interaction with society	Dissemination of relevant information to stakeholders
Shareholders	Shareholders of the meetings of the Board of Directors (ACD) and minutes of the meetings, Strategic Plan	Communicate and approve plans, strategies, goals and results	Transfer of strategic information constantly to shareholders with the purpose of assisting in decision making
Regulatory Agency (Aneel) and National System Operator (ONS)	Meetings and technical reports	Communicate plans, strategies and results on institutional, technical and economic, social and environmental performance issues	Alignment of the company to ANEEL and ONS determinations and control of technical activities
	Eletrobras Eletrosul Report to Aneel		
	Communication (telephone, written correspondence, etc.)		
Financiers (banks)	Technical meetings	Dealing with the company's economic-financial and social situation	Approved financing
	Communication (telephone, written correspondence, etc.)		
Supervisory Bodies (TCU, CGU, etc.)	Management Report	Report Report and communicate on plans, strategies and results, as well as follow the guidelines of the control bodies	Approval of Management Report and accounts, by the supervisory bodies
	Technical meetings		
	Communication (telephone, written correspondence, etc.)		
Clients	Meetings and technical reports	Receive and provide information on technical and customer satisfaction issues	Closer relationship between client and company and optimization of services / activities identified as priorities
	Customer Satisfaction Survey		
	Communication (telephone, written correspondence, etc.)		

Several channels encourage communication between the company and its audiences

Key stakeholders G4-24	Form of interaction	Reason for engagement G4-26	Results achieved G4-26
Partners (SPEs)	Technical meetings and reports	Communicate and receive information about plans, strategies and results	Assurance of efficient information exchange
	Communication (telephone, written correspondence, etc.)		
Suppliers	Technical meetings	Clarify doubts and strengthen the relationship between the company and the suppliers	Suppliers Ease of communication with suppliers and agility in decision making
	Customer Service Center (CAF)		
Society	Newspapers of great circulation	Publicize the actions and results of the company	Integration of society with the company
	Internet (website, Facebook, Twitter and other social networks)		
	Public hearings	Publicizing new ventures and their possible impacts	
	Companyevents open tosociety (Casa Aberta, Casa Eficiente etc.)	To strengthen the company's relationship with society	
Internal Audience	Seminars and events	Provide employees with knowledge and guidance on plans, strategies, results and other institutional and energy information	Information Provide strategic information to the internal public and implement an action plan to address points that were deficient in the Organizational Climate Survey
	Organizational weather research		
	Technical meetings		
	Intranet		
	Campaigns and information through Lotus Notes, Corporate TV, Facebook and Twitter		
Trade unions	Meetings with the Advisory Council of Trade Unions (ARS)	Negotiate collective agreements and other labor issues	Strengthening collective bargaining.

2.6. HOW DO WE COME TO THE MATRIX OF MATERIALITY (G4-22, G4-25, G4-26)

The criterion used to analyze and consolidate the responses of the Interested Parties in the Materiality survey, considered the frequency with which the theme was evaluated in each group, with the following response options:

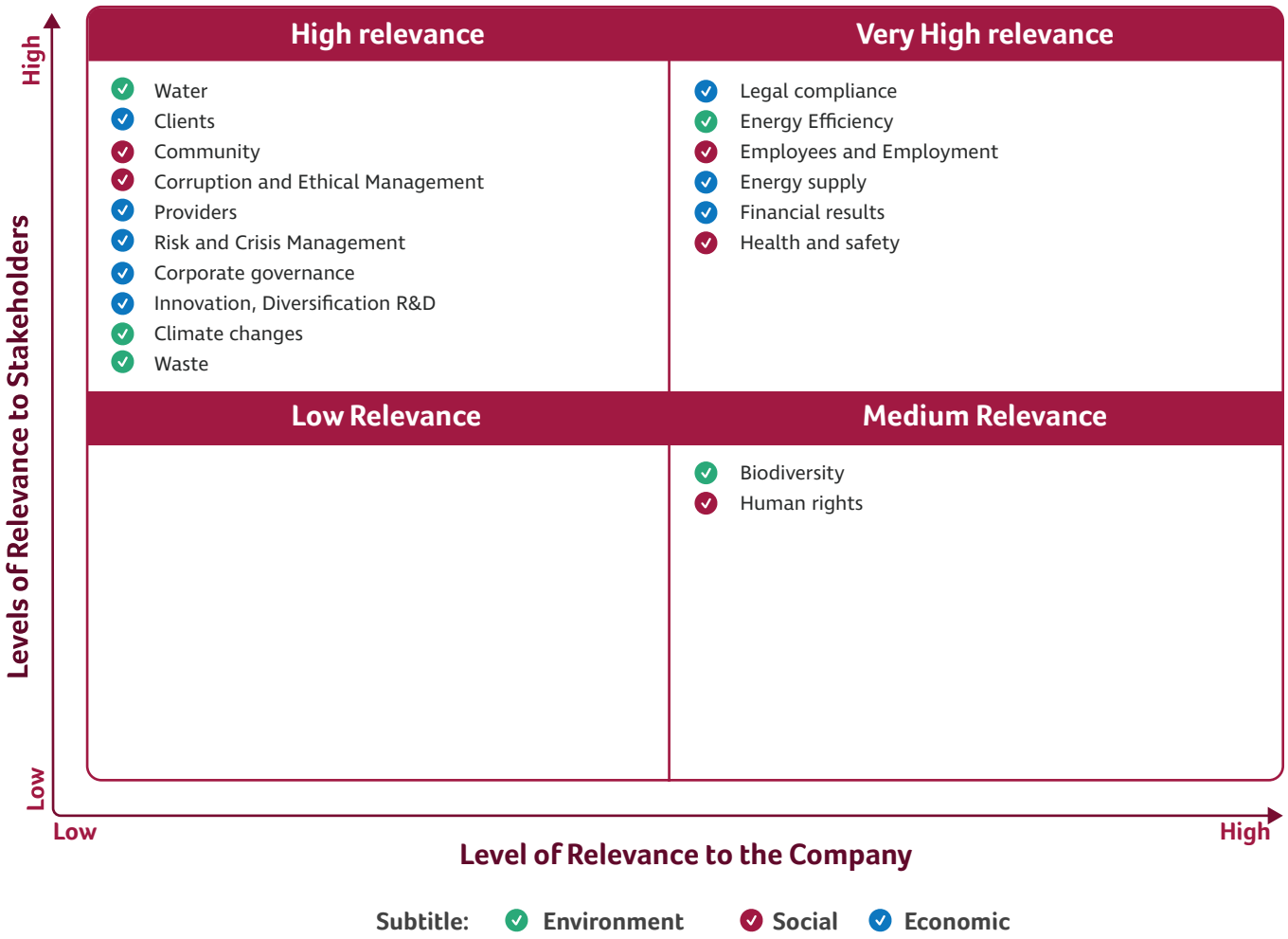
- No relevance;
- Low relevance;
- Medium relevance;
- High relevance;
- Very high relevance.

Regarding Materiality in the context of the Company, the subjects contemplated in the Business and Management Plan (PNG) and in the Corporate Performance Targets Agreement (CMDE) and of High Relevance were those considered only in PNG or in the CMDE, since they reflect the direction that Eletrobras Eletrosul has for the period of its coverage (five years). It should be noted that these themes are also in line with the importance attributed by the Stakeholders, see table in item 2.1. above.

Although the Sustainability Report is "Comprehensive" and addresses all GRI-G4 indicators, the themes considered material (High and Medium relevance) were emphasized.

The Matrix below presents the degree of relevance regarding the themes of the process of definition of Materiality that will be emphasized in this Report.

2.7.MATRIX OF MATERIALITY (G4-19, G4-27)



03

ETHICS, INTEGRITY AND TRANSPARENCY

The relationship with the community, based on respect and ethics, is the objective of constant improvement

SDG 16 | PEACE, JUSTICE AND STRONG INSTITUTIONS

03 ETHICS, INTEGRITY AND TRANSPARENCY [G4-56]

Throughout 2017, members of the governing bodies and the contingent of 1,329 employees received regular training on the principles, norms and standards of behavior that are part of the Code of Ethics for Eletrobras Companies and the Compliance Program, as well as other internal norms related to the theme. The Code of Ethics, one of the main documents related to transparency and ethics and that must permeate the activities of the organization, is available on the company's website, in Portuguese and in English.

3.1. MECHANISMS ADOPTED TO ENSURE ETHICS, INTEGRITY AND TRANSPARENCY

(G4-DMA12, G4-DMA14, G4-DMA-22, G4-DMA-25, G4-DMA-26, G4-DMA-28, G4-DMA-32, G4-DMA-42, G4-57, G4-58, G4-SO11)

> Different areas work for ethics and transparency in projects.

The company has specific areas that work to ensure ethics, integrity and transparency in all processes, preventing the occurrence of unethical behavior:

General Ombudsman

The Ombudsman's Office (OVGE) receives, analyzes and directs complaints, praises, suggestions and requests for information arising from the company's operations, with the aim of seeking solutions as soon as possible and observing the principles of legality, impersonality, morality, publicity and efficiency. In addition to meeting the requirements of the Sarbanes-Oxley Act, OVGE acts in accordance with the guidelines of the Ombudsman's Office and is committed to the Sustainability Policy and good corporate governance practices.

The company's General Ombudsman provides several forms of communication in which, if requested, the name of the protester is kept confidential and the content of the message, treated with seriousness, exemption and in a reserved manner. There is no regular face-to-face training for employees on this channel. However, they receive regular information through the intranet, email marketing and Corporate TV.

Starting in 2017, Eletrobras Companies also have a centralized external channel for receiving complaints.

Professional in charge - Luiz Alberto de Cerqueira Cintra Filho

Corporate Compliance

Eletrobras Eletrosul's Corporate Compliance structure (CCR) has as its mission to promote an adequate internal control environment, effective and in line with internal and external regulatory guidelines, in order to mitigate risks to become a line of defense for the company.

In the organizational structure, CCR's main responsibilities are to guide Senior Management in compliance with the Compliance Program, to coordinate the activities necessary to guarantee the faithful compliance with Law 12,846 / 2013 - Brazilian Anti-Corruption Law (LACBRA) and Foreign Corrupt Practices Act FCPA) - and manage the actions related to the Compliance Program of Eletrobras Companies.

Professional in charge - Luiz Arthur Duarte Nunes

Standing Committee on Ethics

The Permanent Ethics Committee was created to promote and disseminate the management of ethics in the company, to implement the guidelines of the Public Ethics Commission and, above all, to strengthen ethical commitments through educational, preventive and corrective actions. In this way, it contributes to the improvement of the relationship between the company and its publics.

It is incumbent upon the Commission to determine the conduct of employees that may be in disagreement with the commitments established in the Code of Ethics and Conduct of Eletrobras Companies.

Professional in charge - Claudia Teresa Pillatti

3.2. COMMUNICATION (G4-DMA31, G4-PR7)

To ensure transparency in the exchange of information, the company has several channels of communication with its stakeholders, which are regularly improved. Annually, in addition to the financial statements, the Management, Sustainability and Management reports, as well as the Inventory of Greenhouse Gas Emissions, are published on the Company's website.

With regard to the media, the actions are carried out by the competent area, following normative instruments, laws and decrees regulated by the Secretariat of Social Communication of the Presidency of the Republic (SECOM) and the policies of Integrated Communication and Sponsorship of Eletrobras Companies. Eletrobras Eletrosul also adopts the recommendations of the National Council for Self-Regulatory Advertising (CONAR) to develop publicity actions. In 2017, there were no cases of noncompliance with regulations and voluntary codes in communication actions, including advertising, promotion and sponsorship.

Communication Channels	Contact
Website	www.eletrosul.gov.br
Telephone answering of interested parties Phone	Phone: 0800-6487822 | (48) 3231-7315
Ombudsman	Eletrobras Eletrosul website (www.eletrosul.gov.br) E-mail - ouvidoria@eletrosul.gov.br Telephones - (48) 3231-7460 / 3231-7315 0800-6487822 - Ombudsman and fleet (from 8am to 5pm, working days) In person - Eletrobras Eletrosul headquarters building, at RuaDeputadoAntônio Edu Vieira, 999, Pantanal Neighborhood, Florianópolis (SC) (from 8 am to 5 pm on business days) Correspondence - General Ombudsman - Eletrobras Eletrosul Centrais Elétricas S.A. Road: DeputadoAntônio Edu Vieira, 999, Pantanal Neighborhood, Florianópolis (SC), ZIP # 88040-901 Collecting Boxes - located in the headquarters building and in the Eletrobras Eletrosul regional units (from 8 am to 5 pm on weekdays)
The Eletrobras Companies have a centralized external channel for receiving complaints that involve unethical or illegal conduct	External Complaints Channel - www.canaldenuncias.com.br Phone: 0800-3778037 (24 hours a day, seven days a week)
In compliance with Law 12,527 / 2011 - Access to Information Law, the Citizen Information Service (SIC) is available, responsible for receiving, processing, managing and sending a response to requests for access and guidance to citizens.	Website - esic.cgu.gov.br/sistema/site/index.aspx (24 hours a day, seven days a week)

3.3. NEW CHANNEL OF COMPLAINTS

The Complaints Channel is a communication tool in which the protester can report, in a safe and anonymous way (if he so wishes), any action by employees, suppliers and service providers that violates the Code of Ethics and Conduct of Eletrobras Companies . The service is available to employees, trainees, young apprentices, service providers, contractors, suppliers and society in general.

The complaints are received by a specialized company (ICTS) contracted by Eletrobras and responsible for classifying them by topic and priority level for later referral to the Eletrobras Integrity System Committee. The work values the secrecy of the information of the complainant, who is responsible for the veracity of the information provided. During the calculation, all information is verified by Eletrobras, who will take the necessary actions.

3.4. NUMBER OF OCCURRENCES RECEIVED

- Ethics Committee - 37
- Ombudsman - 43
- CCR - 20

Number of complaints and complaints related to registered, processed and resolved impacts on society: 26.

3.5.RISK MANAGEMENT AND INTERNAL CONTROL (G4-2, G4-14, G4-41)

Eletrobras Eletrosul's integrated risk management structure is an effective tool to reduce exposure to risk events that may negatively impact the company's strategic objectives. With a structured approach, it aligns strategy, processes, people, technology and knowledge with the objective of preserving and creating value for the company and its shareholders. Risk management is developed based on the guidelines of ISO 31000: 2009 and the Committee of Sponsoring Organizations of the Treadway Commission (COSO), observed in the identification, evaluation, treatment and monitoring of critical risks, as well as communication to stakeholders.

In accordance with the Sarbanes-Oxley Act, the company maintains its internal control environment mapped to detect and prevent risks that may impact the financial statements. In order to verify the effectiveness of the internal control environment, the processes are submitted to periodic tests, carried out by independent auditors and reported to the interested parties. The results are consolidated in Eletrobras and disclosed to the market through the 20F Report.

As a result of the vulnerability versus risk impact analysis, the Corporate Risk Management Rule was approved with the determination of risk appetite ("appetite"). If the manager classifies the risk as "High" or "Critical", it will have to develop an action plan for its mitigation, with a periodic report to the Senior Management. Eletrobras Eletrosul has established that any event identified in the exposure quadrants classified as "Critical" and "High" of the Risk Map must receive immediate treatment actions in order to reduce the company's exposure.

In 2017, the Company's senior management approved the prioritization of 11 risk events, with the management areas of each risk being responsible for their analysis, treatment and monitoring.

Integrated risk management seeks to preserve and create value for the company

3.6. RISK EVENTS

- Energy Commercialization and Contract Management;
- Financial and Accounting Statements;
- Compliance FCPA / LACBRA;
- Cash flow;
- Litigation Training and Management;
- Pension funds;
- Business Management of SPEs;
- Environmental Licensing;
- New Businesses and Auctions;
- Tariff Transmission Revision;
- Environmental Management of Enterprises.

3.7. PARTICIPATION OF THE HIGHEST GOVERNANCE BODY IN THE RISK MANAGEMENT AND COMPLIANCE PROCESSES (G4-45, G4-46, G4-47)

The company, through its Board of Directors, undertakes to implement the Compliance Program of Eletrobras Companies, ensuring professional and ethical conduct in conducting its business. For this, different tools are used, applied with the seriousness and the commitment that the subject demands.

The prioritized risk mapping and SOx Certification are annually periodic and the results of the work are reported annually to the highest degree of corporate governance. With regard to the precautionary principle (guarantee against potential risks that can not be identified with the current knowledge), Eletrobras Eletrosul applies the following corporate governance practices:

Due Diligence of company representatives;

- Opinion of compliance for contracting with waiver of bidding;
- Due Diligence of nominees for the SPE Board of Directors and Fiscal Council;
- Due Diligence of SPEs partners.

The Board of Executive Officers approves the internal regulations related to Due Diligence and the matters that will be submitted to the Due Diligence form, in addition to ratifying the integrity policies approved by Eletrobras for use in Eletrobras Eletrosul. The Board is also responsible for defining the appropriate structure to ensure the effectiveness and efficiency of corporate risk management:

- Ratifying the Risk Matrix approved by Eletrobras;
- Approving the prioritized risks and their action plans;
- Submitting the Risk Matrix and the prioritized risks to the knowledge of the Board of Directors;
- Approving the degree of appetite and risk tolerance and submitting to the superior approval of the Board of Directors.

3.8. COMBATING CORRUPTION (G4-DMA24, G4-50, G4-SO3, G4-SO4)

Among the processes developed by Eletrobras Eletrosul to combat corruption, the most important are those that assess the risks of corruption:

- Integrity risk mapping;
- Preparation of background checks to appoint the directors of the Fiscal and Administration councils and directors of subsidiaries;
- Elaboration of background check for critical suppliers and beneficiaries of donations, sponsorships, agreements and tax incentives;
- Conformity opinion for matters with risk of fraud or corruption, according to the Deliberation of the Executive Board;
- Training on "Combating Corruption" is offered according to the guidance of the Compliance Manual, which indicates the provision of annual training for employees (employees, contractors, directors and officers). In 2017, an Ethics and Integrity seminar was held covering the areas of contracting, partnerships and commercialization. (which, according to classification, were those that had the greatest degree of exposure to risk of corruption).

Over 99% of governance bodies, managers and employees were reported and trained on anti-corruption policies and procedures

The company has as its strategy to combat corruption:

- Periodic disclosure of integrity policy;
- Implementation of controls to mitigate the risk of fraud, corruption and conflict of interest;
- Implementation of management procedure and treatment of complaints;
- Delivery of a personal copy of the Integrity Policy and the Code of Ethics and Conduct to all employees;
- Inclusion, in all supplier agreements, of a clause where the contracting party undertakes to comply, as appropriate, with the commitments of the Code of Ethics and Conduct;
- Inclusion of a clause of integrity in all contracts of suppliers of goods and services, according to which the contracted party must observe, as appropriate, the provisions of anti-corruption laws.

In the year 2017, the nature of the critical concerns communicated to the highest governance body were:

- Corporate risk management and mapping of prioritized risks;
- Internal controls, result of SOx Certification - independent auditing;
- Disability remediation;
- Implementation of the Compliance Program;
- Compliance with the recommendations of the Federal Comptroller General's Office (CGU).

In 2017, Eletrobras Eletrosul had 109 transactions subject to corruption risk assessments, and these operations include the 13 significant risks identified and related to corruption.

The company's partners were not reported on anti-corruption policies and procedures.

3.9. ACCESS TO THE BOARD OF DIRECTORS (G4-37, G4-49, G4-50)

Access to the Board of Directors can be done through different channels. One of them is the Ombudsman's Office, through which criticisms, suggestions and requests for information can be made that, depending on the content, are addressed to the highest organ of the company. The Ombudsman's Office submits to the Board of Executive Officers, in monthly reports, the main issues demanded by stakeholders. In addition, the minutes of the meetings of the Board of Directors are public and can be accessed by any interested party.

With regard to critical concerns about Risk Management, Internal Controls and Compliance, communication with the highest degree of corporate governance occurs through the responsible area, which presents the results at the company's regular meetings.

Critical Concerns Communicated to the highest governance body of the company:

1. Corporate risk management and mapping of prioritized risks;

2. Internal Controls, result of SOx Certification - Independent Audit;

3. Disability Remediation;

4. Implementation of the Compliance Program;

5. Customer service CGU recommendations

Number of critical concerns reported	
Corporate Risk Management	11
Remediation of Deficiency Sox	32
Service recommendations CGU	74
Total	**117**

3.10. PERFORMANCE OF SENIOR MANAGEMENT (G4-44)

In order to comply with the provisions of Law 13303/16, the Inter-ministerial Committee on Corporate Governance and Corporate Governance of the Union - CGPAR and the Holding, as well as to comply with the provisions of its Bylaws, Eletrobras Eletrosul annually evaluates performance of the Board of Executive Officers and Board of Directors. It is made according to the criteria established in the internal regulations, in order to subsidize the shareholders' decision regarding the reappointment of the managers - a process that follows the good practices of corporate governance and the standards of the Performance Management System of the Eletrobras Companies (SGD). In addition to aspects and results related to business and management, the evaluation includes sustainability issues (economic, environmental and social) through self-assessments and evaluations of the collegiate bodies.

04

MANAGEMENT EFFICIENCY

Structure and processes are geared towards improving the management of economic performance and ensuring transparency

SDG 9 | INDUSTRY, INNOVATION AND INFRASTRUCTURE

04 MANAGEMENT EFFICIENCY (G4-DMA01)

Concerned with achieving the best management of its economic performance, Eletrobras Eletrosul analyzes and monitors its investments through a Committee of Investments and Businesses. The company analyzes future scenarios (potential and negative impacts) using earnings and cash flow projections to support the company's decision-making process to achieve efficiency and effectiveness and ensure the best financial return to shareholders. The positive result in economic performance is essential for the company to realize the necessary investments for its economic sustainability and to continue its business, providing the best public services and playing its important role in the Brazilian electricity sector.

It should be noted that the restriction on the ability to pay obligations is one of the main risks to business continuity and can generate events of great loss of value for the institution. For this reason, Eletrobras Eletrosul acts in a way to honor the commitments assumed, even if it is necessary to go back and review the business portfolio.

The internal goals that seek business excellence are established through the Corporate Performance and Performance Agreement (CMDE), signed with the controlling shareholder - Eletrobras, using as a parameter the company's Business and Management Plan. By 2017, all the targets established in the CMDE (which include economic, financial, operational, management, compliance and socio-environmental indicators) have been met.

Aiming to give transparency to its business, the company calculates its financial result and publishes the financial statements quarterly on the site, in an area specific to investors.

4.1. CORPORATE GOVERNANCE (G4-34, G4-35, G4-38, G4-39, G4-40)

As a mixed-economy company, Eletrobras Eletrosul follows Law no. 6.404 / 76 and its Senior Management is constituted as follows:

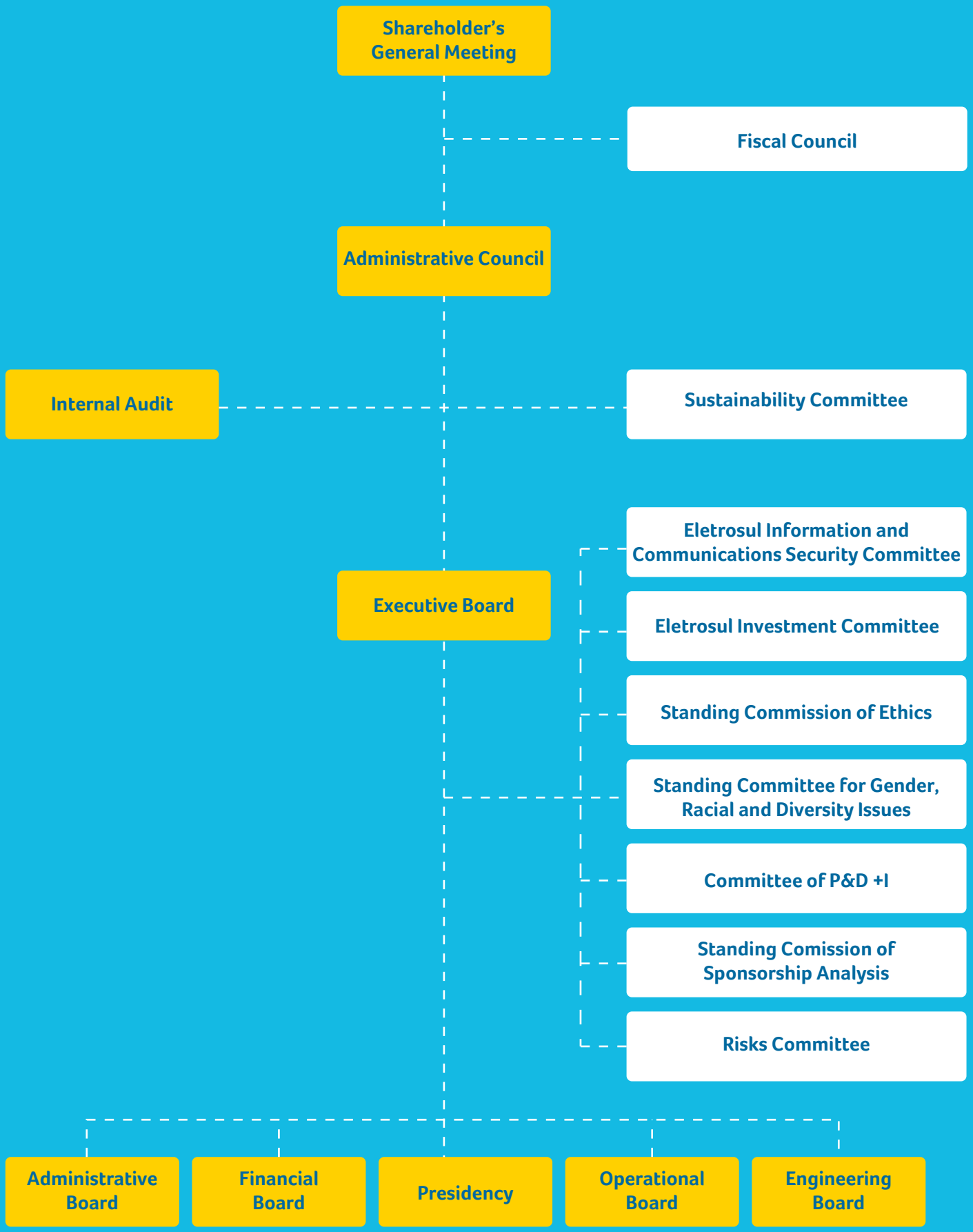
- Shareholders' General Meeting - convened and installed in accordance with the pertinent law and the Bylaws. It has the power to decide on all the business of the company and to take the resolutions it deems appropriate for its defense and development;

- Fiscal Council - collegiate body responsible for supervising the acts of the company administrators and verifying compliance with their legal and statutory duties;

- Administrative Council - collegiate with deliberative functions, provided for in law and in the Bylaws.

- Executive Board (Presidency and Executive Officers) - responsible for planning, coordinating and controlling activities specific to their area of activity, as defined in the Brazilian Corporate Law, the Company's Bylaws and the Company Organization Manual.

CORPORATE GOVERNANCE STRUCTURE



Administrative Council (G4-38, G4-40)

It is the highest governance body of the company, responsible for strategic direction, guidance and monitoring of results, and has functions provided for in Law and in the Bylaws. The current composition of the Board counts on two members of the Company's board, one being the Chief Executive Officer and the other representing the employees, chosen by their peers through a specific electoral process. In addition, two members of the Eletrobras Holding Company - the President of Eletrobras, a professional with long and recognized experience in the Brazilian electric sector and the Financial and Investor Relations Officer of Eletrobras, a professional with experience in the economic and financial area, are members of the Company. The other members of the Board are the representative of the Ministry of Planning, Development and Management (MPOG) and a professional of the Ministry of Mines and Energy.

The CVs of each member of the Board are available on the Company's website.

Sustainability Committee (G4-36)

Created in 2007, the Eletrobras Eletrosul Corporate Sustainability Committee (CSEE) is responsible for coordinating the development of business policies and guidelines that contemplate the analysis and implementation of internationally recognized sustainable management tools, as well as the monitoring and evaluation of results related to sustainability. Currently it is composed of 11 members, with only one of them being a woman and 10 of them being part of the effective staff of the company.Coordenador geral - Diretor-Presidente da Eletrobras Eletrosul;

- General Coordinator - CSO of Eletrobras Eletrosul;
- Executive Secretary - Manager of the Business Management Advisory;
- Chief of Staff of the Presidency;
- Executive Assistants of Director;
- Management Coordination of the Board of Directors.

The Board of Directors, of which the ETUCE is a support body, delegated to the Executive Board the operationalization of the Committee.

4.1.1. INVOLVEMENT OF ADMINISTRATIVE COUNCIL IN STRATEGIC PLANNING (G4-42)

As provided for in Eletrobras Eletrosul's Bylaws, the Board of Directors is responsible for the general orientation of the company's business, for the superior control of the approved programs and for verifying the results obtained through the approval of the Business and Management Plan (PNG) and the Contract of Corporate Performance Targets (CMDE) - both elaborated and agreed with Eletrobras Holding for a five-year horizon. The Board of Executive Officers is responsible for preparing and submitting to the Board of Directors for approval the PNG, the investment programs (with the respective budgets and projects) and the evaluation of the performance of the company's activities, through the CMDE.

It should be noted that the Strategic Plan and the consequent definition of the mission, vision and values are the responsibility of the Holding Company, which defines the corporate strategies for all Eletrobras Companies. The document serves as a guide for the construction of the Business and Management Master Plan (PDNG), which guides the preparation of PNG and CMDE of the subsidiaries. In addition to economic, financial, operational, management and corporate governance performance indicators, the CMDE contains socio-environmental indicators that evaluate the company's performance in the sustainability practices set forth in the B3 Corporate Sustainability Index (ISE), in the Economic-Financial, General, Social, Environmental and Climate Change.

4.1.2.DIVERSITY IN GOVERNANCE (G4-LA12)

Number of employees in the company's governing bodies		
Gender	Male	1
	Female	12
Age range	Under 30	0
	From 30 to 50	3
	Over 50	10
Minority groups	Black, brown, yellow and indigenous	0
	People with disabilities	0

60% of the members of the Executive Board were hired in the local community. (G4-EC6)

4.1.3. REMUNERATION OF SENIOR DIRECTORS, OFFICERS AND EXECUTIVES (G4-51)

The remuneration of senior directors, established at the Annual General Meeting (AGO), is equivalent to 10% of the average of the directors' fees of the company. For hierarchical Level I managerial positions, directly linked to the executive officers, the remuneration is composed of basic salary, variable bonus up to the reference step of the function, function bonus, annual supplementary bonus and in some cases, dangerousness. The Performance Management System of Eletrobras Companies is adapted for the evaluation of the Board of Directors and the Executive Board and has criteria to evaluate the performance of these managers based on competencies and results.

4.2. BUSINESS (G4-13, G4-EU6, G4-EU21)

In the segment of electric power generation, the company carries out activities for the implementation of hydroelectric projects and alternative sources, and the current portfolio of enterprises (own and partnerships). The company's own transmission system, considering all the concession contracts, includes more than eleven thousand kilometers of transmission lines, 44 substations and one frequency converter.

The excellence of the company's services is recognized in the market and pervades all processes. With regard to the maintenance policy, the company has as premise the operational continuity, availability, productivity and safety of generation and transmission assets. For this, a careful routine of preventive, predictive and corrective maintenance is performed, based on the operative functions of the plant equipment.

Shutdowns in the system are performed when necessary and are under the operational responsibility of the company and are subject to detailed evaluations through routine analysis of equipment performance, protection system and operation and maintenance procedures.

> "There are more than 11 thousand kilometers of transmission lines, 44 substations and one frequency converter."

The company's maintenance structure counts on professionals to meet local maintenance demands and with centralized maintenance engineering, responsible for standardization, programming, analysis and technical support to the field teams. The operation and maintenance activities are carried out based on internal standards and the technical norms that regulate these activities. Contingency plans and medical records are designed to provide the necessary support.

The company also has the Emergency Situation Assistance Program, which presents abandonment routes in the event of an accident and guides the steps to be taken in emergency situations, minimizing sequelae and material losses. These are protocol standards of actions for the knowledge of all employees.

4.2.1. OPPORTUNITIES (G4-2)

Aligned with the premises and guidelines established by Eletrobras in the Business and Management Master Plan (PDNG) 2017-2021, the company underwent an organizational restructuring to optimize the structure and reduce costs. This resulted in a decrease from 112 to 103 rewarded functions (8% reduction in quantitative terms and amounts spent).

During this period, the process for the configuration and implementation of the Shared Services Center (CSC) of Eletrobras - Regional Unit Florianópolis was started, and its implementation is scheduled for 2018. This measure will rationalize and standardize activities in the various CSCs of Eletrobras Companies, allowing greater agility in the

fulfillment of the demands of services of the corporate areas, optimization of resources and reduction of expenses with PMSO (personnel, materials, services and others).

In order to make feasible the implementation of Lot A of the ANEEL Auction No. 004/2014, Eletrobras Eletrosul started negotiations with Shanghai Electric for the transfer of Concession Agreement No. 001/2015. Shanghai Electric will constitute a Specific Purpose Entity (SPE) in which Eletrobras Eletrosul is expected to be a shareholder, as well as the CLAI Fund. The partnership will allow the implementation of this set of projects fundamental to the National Electric System, as well as Eletrobras Eletrosul's participation in the business, increasing its revenue and economic-financial indicators.

4.2.2. DEVELOPMENTS (G4-EU1, G4-EU6, G4-EU30)

Generator Park

Power Plant	Installed Power (MW)	Property (%)	Installed Power (MW) *
Corporate	**661.2**	**-**	**476**
UHE Passo São João	77	100	77
UHE Governador Jayme Canet Júnior (Cruzeiro do Sul Consorcium)	363,1	49	177,9
UHE São Domingos	48	100	48
PCH Barra do Rio Chapéu	15,2	100	15,2
PCH João Borges	19	100	19
Eólica Cerro Chato I	30	100	30
Eólica Cerro Chato II	30	100	30
Eólica Cerro Chato III	30	100	30
Eólica Coxilha Seca	30	100	30
Eólica Capão do Inglês	10	100	10
Eólica Galpões	8	100	8
Megawatt Solar	0,9	100	0,9
SPE's	**5,649.00**	**-**	**1,219.56**
UHE Jirau	3,750.00	20	750
UHE Teles Pires	1,819.80	24.7	449.9
Livramento Holding	79.2	78	19.66
Total	**6,310.20**	**-**	**1,695.54**

* Installed Power (MW) proportional to the participation of Eletrobras Eletrosul

On December 29, 2017, the Company completed the process of transferring the equity interest held in the following Special Purpose Companies to its parent company: Centrais Elétricas Brasileiras S/A - Eletrobras:

SPE
Santa Vitória do Palmar Holding
Chuí Holding*
Eólica Hermenegildo I
Eólica Hermenegildo II
Eólica Hermenegildo III
Eólica Chuí IX

* After a business combination, Chuí Holding became a subsidiary of Santa Vitória do Palmar Holding.

In the operational management of hydroelectric and wind farms, Eletrobras Eletrosul presents the following performance regarding generation availability:

Availability	2015	2016	2017
Hydroelectric plants*	90.21%	90.75%	91.74%
Wind power plants**	98.13%	98.77%	97.07%

* Annual average accumulated in the last 60 months
** Average annual availability of Cerro Chato I, II and III wind farms

Transmission System

With the enactment of Law No. 12,783 / 13, the company's own transmission system presents the following configuration:

Eletrobras Eletrosul own transmission system		
Substations / Frequency Converter		45
Transformation Capacity (MVA)		26,727.80
Transmission Lines (Km)	Voltage (kV)	Extension (Km)
	69	56.2
	132	12.5
	138	1,918.49
	230	5,446.87
	500	2,173.49
	525	1,469.61
	Total	11,077.16

In addition, Eletrobras Eletrosul is involved with 55 substations owned by other companies with which it has a partnership and / or where it has equipment and / or bays installed, or provides maintenance and / or operation services.

Regarding the management of the assets belonging to the Basic Network, Eletrobras Eletrosul presents the following performance regarding the availability of transmission: (G4-EU12).

Availability - transmission function set	2015	2016	2017
Transmission lines*	99.96%	99.95%	99.90%
Capacitor Bank *	99.77%	99.79%	99.99%
Reactors*	99.94%	99.85%	99.89%
Transformers *	99.94%	99.92%	99.86%

* Indicator obtained considering only the withdrawals penalized with Variable Parcel (PV)

Percentage of loss in transmission in relation to total energy			
Energy losses (%)	**2015**	**2016**	**2017**
Techniques	1.43%	1.42%	1.37%

4.2.3. BUSINESS MODEL (G4-EU2)

In the current model of the Brazilian electricity sector, commercial relations are established in the Regulated Contracting Environment (ACR) and the Free Contracting Environment (ACL). In the Short-Term Market, the differences between the amounts generated, contracted and consumed are accounted for and settled. With the return of Eletrobras Eletrosul to the generation, in 2010, the company started to act strongly in the regulated market, commercializing the energy produced by the projects UHE Passo São João, UHE Governor Jayme Canet Júnior, UHE São Domingos and Wind Farm Cerro Chato.

In the period from 2014 to 2016, Eletrobras Eletrosul consolidated the operation of its generation park, based on renewable sources. In 2014, three hydroelectric plants, two small hydroelectric plants (PCHs), three wind farms and one solar plant were in operation. In 2016, three wind farms began to operate, consolidating the generating park in 12 own plants (three hydroelectric plants, two SHPs, six wind farms and a solar plant).

The variation in energy production is due to the increase in the number of power plants and the variability inherent to hydroelectric

and wind power production, which depend on non-controllable factors such as flows, winds and solar incidence. In 2017, the good wind incidence reflected in the energy production of the company's wind power plants. On the other hand, the adverse hydrological scenario resulted in a lower production accumulated in hydroelectric plants.

Source of energy GWH	2015	2016	2017
Hydropower	2.387,17	2.142,42	1.895, 35
Wind power	285,16	462,09	497,18
Solar	0,28	0,74	1,28

4.2.4. LONG-TERM TRANSMISSION AND GENERATION CAPACITY (G4-EU10)

The sector planning of electric energy in Brazil is the responsibility of the Ministry of Mines Energy (MME) and the Energy Research Company (EPE), supported by the National System Operator (ONS). Agents engage in planning to provide information to planners or to seek information for their strategic processes. Meeting the growth of energy demand occurs through the bidding of new generation and transmission concessions and the authorization of new plants or expansions in existing transmission concessions. The contracting of energy to serve the regulated market (distributors) is made exclusively by energy auctions coordinated by MME.

In the transmission segment, the sectoral planning can define the capacity expansion of concessions in operation of the agents. For the period 2018-2022, an increase of 2.683 MVA of transformation and 12.2 km in extension of lines of transmission owned by Eletrobras Eletrosul is foreseen. Already in the generation segment, the individual capacity expansion is defined by the agents themselves from the implantation of plants that will produce energy to be sold in a regulated environment (through new energy auctions) or in a free environment. The Business and Management Plan of the company does not provide for investments in new plants and new transmission concessions in the next five years.

4.2.5. REINFORCEMENTS AND IMPROVEMENTS IN THE TRANSMISSION SYSTEM (G4-EU5)

In 2017, Eletrobras Eletrosul invested R$ 10.8 million in reinforcements and improvements in its transmission assets, in compliance with the requirements established in ANEEL REA 5,484 / 2015, REA 5,861 / 2016 and 6,630 / 2017, and the Modernization of Facilities (PMI). This investment included other projects of exclusive interest to the company.

The works were carried out in 60 projects, of which 18 are related to REAs and 42 to PMI and the interests of the company, covering the South and Mato Grosso do Sul regions, some of which will continue in 2018. These adjustments are carried out with the objective of increase the transmission capacity and reliability of the National Interconnected System (SIN),

offering greater availability, reliability and flexibility to Eletrobras Eletrosul transmission system. The improvements and reinforcements accompany the technological advances for the conservation of transmission facilities, in accordance with the concession contract of the public electric power transmission service and with the network procedures of the National System Operator (ONS).

4.2.6. PARTICIPATION OF STAKEHOLDERS IN DECISION-MAKING PROCESSES RELATED TO ENERGY PLANNING (G4-EU19)

In the scope of electric power transmission planning, the technical-economic feasibility studies are carried out by the Energy Research Company (EPE), together with the distributors and transmitters operating in the region (it is the first moment in which the transmitter is consulted on the expansion plan). In energy generation, although each company can develop studies and project portfolios, there is no coordinated planning with the EPE and the definition of the matrix is made after the auctions to acquire new energy. Thus, the public consultation on the Ten-Year Energy Plan, made by the Ministry of Mines and Energy (MME), is the first moment in which companies can give their opinion on the expansion plan.

Eletrobras Eletrosul acts mainly in the consultations or public hearings coordinated by the MME or by the National Electric Energy Agency (ANEEL).

Authorities involved in the proceeding:

- The Federal Government, mainly the Ministry of Mines and Energy (MME), the Energy Research Company (EPE), the Ministry of Environment (MMA), the Brazilian Institute of Environment and Renewable Natural Resources (IBAMA), the Chico Mendes Biodiversity (ICMBio), National Historical and Artistic Heritage Institute (IPHAN) and the Palmares Foundation (both members of the Ministry of Culture - MinC), and the National Indian Foundation (FUNAI), a member of the Ministry of Justice;
- State governments, mainly through the Secretariats of Energy and social and environmental licensing bodies;
- Other consenting bodies in licensing processes, such as municipalities and foundations responsible for the environmental management of environmental conservation units;
- National Electric Energy Agency (ANEEL), National Water Agency (ANA), National System Operator (ONS), Electric Energy Trading Chamber (CCEE);
- Federal and State Public Ministries.

Engaged civil society organizations:

- Associations of the electric sector, such as the Brazilian Association of Electric Power Transmission Companies (ABRATE), the Brazilian Association of Electric Power Generating Companies (ABRAGE), the Brazilian Association of Electric Power Distributors (ABRADEE), the Brazilian Association of Large Industrial (ABRACE), the Brazilian Association of

Small Hydroelectric Power Plants and Hydroelectric Power Plants (ABRAPCH), the Brazilian Wind Energy Association (ABEEÓLICA), the Brazilian Association of Solar Photovoltaic Energy (ABSOLAR)), The Sugar Cane Industry Union (Única), the Brazilian Association of Thermoelectric Generators (ABRAGET) and the Brazilian Association of Independent Electric Power Producers (APINE);

- Technical associations of the sector, such as the International Committee for the Production and Transmission of Electric Energy (CIGRÉ) and the International Center for Regular Studies (CIER/BRACIER);
- Social movements such as the Movement of Dam Affected People (MAB), the Movement of Landless Rural Workers (MST) and, to a lesser extent, trade unions;
- Environmental protection agencies, such as Greenpeace;
- Technical institutes in the electric sector, such as AcendeBrasil.

4.2.7. STAKEHOLDER PARTICIPATION PROCESSES IN ENERGY PLANNING AND INFRASTRUCTURE DEVELOPMENT

In the transmission of electricity, planning involves the Ministry of Mines and Energy (MME), the Energy Research Company (EPE) and the National Electric System Operator (ONS). Internally at Eletrobras Eletrosul, the expansion planning processes are coordinated by the Engineering Department (DE) and the operations planning, by the Operations Department (DO). Participation is made through meetings coordinated by external agents, with the contribution of documents issued by them, such as the Consolidation of Works (MME), technical-economic feasibility studies (EPE) and the Expansion and Reinforcement Plan (ONS). Since the planning of the operation affects the expansion of the system, the elaboration of the PAR/ONS is done jointly between areas subordinated to the Engineering and Operation departments.

In the preparatory phases for bidding for projects, MME can request information and studies (reports R2, R3, R4 and R5) for availability to ANEEL. These works are coordinated by the Engineering Planning Department (AEE), and executed by technical areas such as the System Engineering (DES) and Environmental and Land Management (DEA) departments. In the case of granting by authorization, ANEEL requests the technical information in the PRORET standard, also coordinated by the ESA and elaborated by DES and DEA.

In the generation of electricity, the process basically involves DE structures. AEE is responsible for monitoring sector planning activities (including the Ten Year Plan) and for coordinating the company's project portfolio. It is incumbent upon the technical departments of this board to develop the necessary activities for the feasibility analysis of the project, the eventual registration of the projects in energy auctions or in ANEEL, the executive planning and the licensing of the project.

How the information is recorded:

- MME - Document of Consolidation of Basic Network Works and DIT and Ten-Year Energy Plan;
- EPE - Technical Feasibility Studies of Alternatives (Report R1) and other studies and specific technical notes;
- ONS - Expansion and Reinforcement Plan;
- Pre-auction documents - reports R2, R3, R4 and R5 (land costs), made available to MME;
- Pre-authorization documents - Information Book in the PRORET standard, made available to ANEEL;
- Anemometric data registration - server with restricted access;
- Registration of projects in generation auction - documents sent to the EPE for qualification, according to public notice;
- Registration for the granting of generation projects - documents sent to ANEEL according to regulations, for the issuance of a Grant Registration Statement.

How the information is audited or verified:

- The documents issued by the MME are subject to public consultation;
- The PAR/ONS is made available to all agents;
- EPE studies are carried out jointly with other companies;
- The pre-auction documents are approved by the MME/EPE and submitted to the public hearing together with the edict;
- The registration information for auctions or grants are audited internally by the AEE and then by the EPE or ANEEL;
- The pre-authorization documents are audited internally by the AEE and, after being analyzed by ANEEL, a Technical Note is elaborated which can also be commented on;
- An automatic validation routine of anemometric data is being developed.

4.2.8. INVESTMENTS IN R & D + I (G4-EU8)

Development and technological innovation are permanently fostered by policies, strategies and guidelines linked to the business of Eletrobras Companies. For this reason, priority is given to research into new sources of electric power generation and technologies for generation and transmission that meet the demands, by the market and society, for quality in service delivery.

In 2017, according to Law 9,991/2000, the company should invest R$ 7,736,076 in R & D + I projects. The relation between the value defined by the law and what was effectively is 107.82.

Investiments in R & D + I	
Amount invested in transmission technologies	R$ 673,228
Amount invested in generation technologies	R$ 581,044
Value invested in renewable energy technologies	R$ 581,044
CEPEL	R$ 5,901,758
Total	**R$ 7,736,076**

There was no patent registration in the cycle of this Report.

4.2.9. LOOKING TO THE FUTURE

The year 2017 has also brought good results in terms of research and development. The partnership between Eletrobras Eletrosul and the Pontifical Catholic University of Rio Grande do Sul (PUCRS) produced solar cells with the highest efficiency in Brazil (17.3%), proving that it is possible to produce more electric power with the same amount of silicon (the highest efficiency recorded so far in Brazil was 17%). In December, the satellite communications testing phase was started in the remote operation of substations and power plants, with the objective of reinforcing the redundant fiber optic system to increase the efficiency and reliability of supervision, command and control activities.

Advances were also made in technology projects that will directly benefit society, such as the implementation of an experimental solar thermal power plant in Laguna (SC), which is under study. Public competition for the implementation of a mini power plant fueled by biogas from 12 pig farms was started in Itapiranga (SC).

4.3. SUPPLY CHAIN (G4-DMA-04, G4-DMA-11, G4-DMA-13, G4-DMA-16, G4-DMA-17, G4 DMA 18, G4-DMA21, G4 DMA 27, G4 DMA 41, G4-12, G4-13, G4-EC9, G4-EN32, G4-EN33, G4-HR5, G4-HR6, G4-HR10, G4-HR11, G4-HR12, G4-LA14, G4-S09, G4-S010)

The company's supply chain gathers service providers and manufacturers of electromechanical equipment and electrical materials, telecommunications and IT, contractors, consulting, surveillance, cleaning and conservation. Its configuration may vary depending on the market and the ongoing developments, such as construction of hydroelectric / wind farms, substations, maintenance of transmission lines and others.

As it is a state-owned company, the procedures for the acquisition of Eletrobras Eletrosul comply with the current legislation on hiring for the public sector - Law 8,666/93 and its subsequent amendments, Law 10,520/02 and decrees 7,892/13 and 5,450/05 (Electronic Auction). In accordance with the legislation, the following internal regulations define criteria for qualification and selection of suppliers: edital, cadastral registration and

habilitation. Faced with the possibilities of selection, Eletrobras Eletrosul cannot establish criteria related to labor practices, location, impacts on society and environmental issues to select suppliers.

Aware of social issues, the company demands from its suppliers the fulfillment of human and labor rights, through contractual clauses included in registration records, qualification in bids and hirings. The contractor is required to make a statement, signed by his / her legal representative, proving that he / she does not have at least 18 years of work in the night, dangerous or unhealthy work, or under 16 years in any activity (except as an apprentice), nor employees performing work degrading or forced. There are also clauses that direct the contractor to consider issues related to freedom of association, collective bargaining and guarantee of legal conditions of safety and occupational medicine. Contracts should also provide for follow-up of salary and benefit updates, through the collective agreements of the respective categories of work.

Reinforcing the guarantee of human and social rights, Eletrobras establishes in its Code of Ethics that child labor, abuse and sexual exploitation of children and adolescents will not be allowed in its activities, partners' activities and in its production chain, forced labor or in degrading conditions. It further states that any form of physical, sexual, moral or psychological violence should not be admitted and that offenders should be reported.

Eletrobras Eletrosul does not make the direct contracting of securities and, therefore, does not conduct training in policies or procedures related to human rights for this public.

There is no due diligence process on procedures to mitigate or remedy negative impacts or increase the positive impacts of hiring. Thus, there is no risk assessment for suppliers on the occurrence of works that violate clauses related to human rights. There is no methodology or formal survey of the operations of suppliers that present a higher degree of risk in child labor, forced labor, degrading or analogous to degrading.

In the case of contracting critical suppliers, the company applies a Due Diligence form and, when there is a conflict of interests, these are informed to the suppliers.

Contractin data on Eletrobras Eletrosul	
Total purchases made in the period covered by the report	R$ 110,527,404.20
Total purchases made by local suppliers	R$ 75,272,505.80
Total number of contracted suppliers, through bidding, waiver (over R$ 16,000.00) and unenforceability	186
Total new suppliers contracted in the reporting period	545
Total value contracted through bidding, waiver (over R$ 16,000.00), non-requirement and additives	R$ 92,276,716.68
Estimated number of suppliers, considering contracts in effect in the reporting period	700

There were no significant changes in the relationship with suppliers, location, supply chain structure or relationships, including the selection and exclusion process. Changes should occur in 2018, when it is planned to implement the Contract Tender Regulation.

100% of the 22 contracts with significant investments include clauses related to Human Rights. [G4-HR1]

68,10% of purchases were made with local suppliers

4.4. MANAGEMENT OF PEOPLE AND KNOWLEDGE

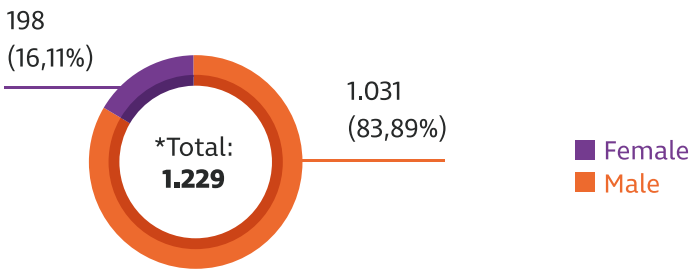
Year after year, the company reports highlight, between achievements and challenges, the importance of the work carried out with dedication and competence by its functional body.

In 2017, an additional challenge for the company was the dismissal, by the Special Retirement Plan (PAE), of 190 specialized professionals whose absence was felt, but which, with the habitual effort of those who remain, is being supplied.

Eletrobras Eletrosul repays this dedication with investment in training people, in the production and dissemination of knowledge, in the granting of attractive remuneration, as well as in adopting the best practices of people management - and in the respect with which it treats its professionals in all areas . A win-win relationship that enables the company to take its place in the electric sector.

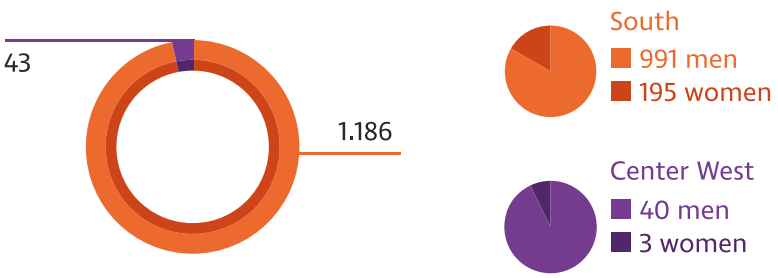
The corporation portrait (G4-10, G4-LA12)

PERCENTAGE OF EMPLOYEES: **CLASSIFIED BY GENDER**

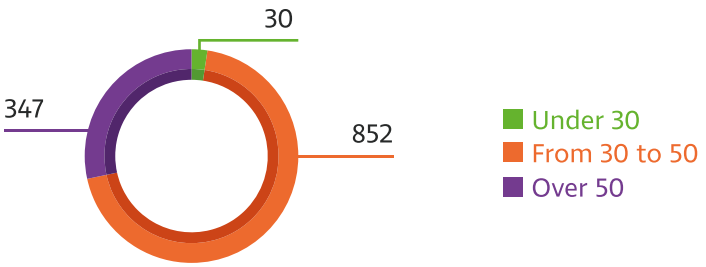


*Based on the number of permanent employees.

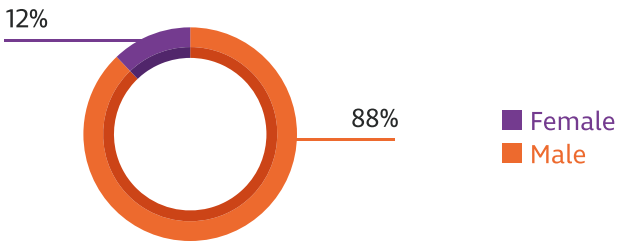
NUMBER OF EMPLOYEES: **CLASSIFIED BY REGION**



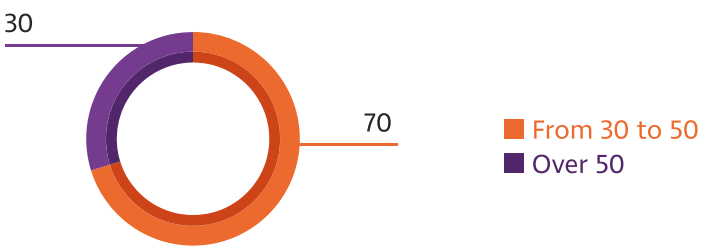
NUMBER OF EMPLOYEES: **CLASSIFIED BY AGE GROUP**



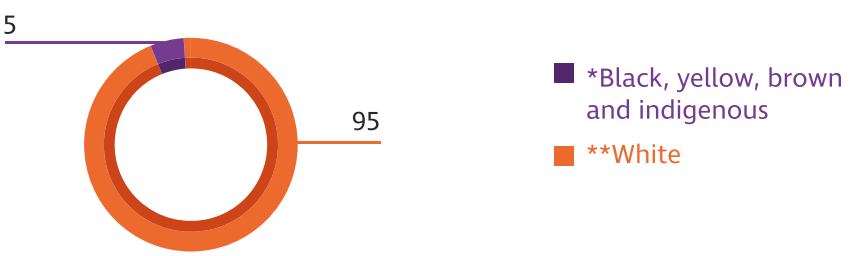
PERCENTAGE OF MANAGERS: **CLASSIFIED BY AGE GENDER**



NUMBER OF MANAGERS**: CLASSIFIED BY AGE GROUP**



NUMBER OF MANAGERS**: CLASSIFIED BY DIVERSITY**



* 5 men - 0 women

** Disabled: 1 man - 0 women

The Eletrobras Business and Management Master Plan (PDNG) 2018-2022 defines a goal on gender equity in the scope of Management and Business Performance - which also integrates Eletrobras Eletrosul's PNG 2018-2022. It is planned to monitor the number of women in management positions (gratified functions) in relation to the total number of management positions in Eletrobras Companies, indicating the commitment to valuing diversity with respect to employment and occupation.

The minimum goal is to achieve the same percentage of women working in the company (effective staff) in management positions, or maintain the percentage recorded in 2016 if the minimum goal has already been exceeded by the company. It is the first time that a gender equity goal is part of the company's strategic planning. This measure is aligned with the Sustainable Development Goal (SDG) 8 - achieve full and productive employment and decent work for all women and men, and 5 - adopt and strengthen sound policies and applicable legislation for the promotion of gender equality and the empowerment of all women and girls at all levels.

4.4.1. BENEFITS (G4-LA2, G4-LA3)

In 2017, Eletrobras Eletrosul invested R$ 93.44 million in benefits to direct and dependent employees. These benefits include childcare assistance, nanny assistance, education aid, self-development, funeral assistance, food aid, transportation voucher, health insurance (medical and dental assistance), extended maternity leave, Eletrobras Eletrosul Foundation Social Security (ELOS) - Retirement Fund and group life insurance. The company does not differentiate the benefits offered to employees by hourly, hierarchical level or position.

Maternity Leave (G4-LA3, G4-LA15)

The employees of Eletrobras Eletrosul are entitled to extended maternity leave with full compensation, and in 2017 12 of them were beneficiaries. Since 2017, employees are also covered with the extended license, having 15 days more of paternity leave, with full compensation. Thirty-two employees benefited from the paternity leave in the period.

100%

of employees did return to work after the end of maternity leave

of employees did return to work after the end of paternity leave

Health Plan (G4-LA2, G4-LA3)

The health plan offered by the company to employees and dependents has medical, hospital and dental coverage. Assistance to beneficiaries can be carried out in the network accredited by the plan (with coverage of 80% to 95% of financial expenses) or by professionals without the accreditation, in which case, the consultations and procedures are reimbursed in percentage that varies according to criteria such as the employee's base salary and the number of dependents.

4.4.2. CAREER AND COMPENSATION PLAN (G4-DMA-02, G4-DMA-05, G4-DMA-09, G4-DMA-10, G4-52, G4-LA1, G4-LA11, G4-LA12, G4-LA13, G4-EC05)

The salary policy adopted by the company takes into account the salary matrix of each position, having support in the Career and Compensation Plan (PCR) and in the collective agreements agreed with the trade union entities. External compensation consultants are not involved in the determination of remuneration in the company. The PCR is based on career development, meritocracy, promotions and salary increases, making no distinction of gender, race or other characteristics. Being a state-owned company, access to the career is done through a public tender.

In 2017, the analysis of performance and career development (Performance Management System) was not performed. There is no difference in the application of the Minimum Wage Applied (which is only used to compose the requirement of Law 4950-A).

Ratio of female and male earnings (G4-LA13)	
Management Level	94%
Upper Level	75%
No Superior Level	85%

Presence in the market (G4-EC5)		
Lowest wage of the company	Male	R$ 3,270.07
	Female	R$ 3,469.19
Minimum Local Salary		R$ 937.00

The ratio between the average remuneration and that of the highest paid individual is 5.64. (G4-54)

The ratio of the percentage increase of the average remuneration is 0.45 of the increase of the highest paid individual by the company. (G4-55)

O aprendizado organizacional está associado às necessidades estratégicas da empresa.

4.4.3. LEARNING, EMPLOYABILITY AND RETIREMENT (G4-DMA-08, G4-LA10, G4-EU14)

Training and Education

The Eletrobras Eletrosul educational programs and actions for training and employee development are based on the Corporate Education policies of Eletrobras Companies. In the conceptual references, the concept of education oriented to the continued formation of the people stands out. The first reference adopted is the vision of education expressed in UNESCO's "Four Pillars of Education": learning to know, learning to do, learning to be and to live together. The teaching and learning approaches that guide educational actions are the constructivist / interactionist, the humanist and the sociohistorical-cultural. interacionista, a humanista e a sócio-histórico-cultural.

Corporate Education is implemented in structured and interdependent phases, in a dynamic cycle oriented towards continuous improvement. Initially, a diagnosis is made in which the competencies and training needs of the people are mapped. In the second stage, Planning, specify the educational programs and actions that will be part of the Corporate Education Plan. The third step is the Execution, when the actions are carried out, and the last one is the Evaluation. All steps are carried out taking into account the association between organizational learning and strategic needs. The diagnosis of training and development needs is associated with the company's strategic guidelines and the model of skills for people management. The inputs analyzed are Strategic Planning, Career and Compensation Plan (PCR), Performance Management System (SGD), Team Development Plan (PDEquipe) and Individual Development Plan (PDI).

Eletrobras Eletrosul provides self-development to its employees through the partial subsidy of Primary, Secondary, Technical and Graduation courses. When diagnosed the need for improvement at the postgraduate level, the company subsidizes all costs to participating employees. The Standing Committee on Gender, Race and Diversity Issues, together with the Department of People Management, holds discussions and training events on these topics with the aim of promoting inclusion.

Employee training by gender, functional category and workload (G4-LA9)			
Functional Category	Hour load	Male	Female
Management functions	5.200	4.477	723
Top-level positions	23.015	16.978	6.037
Mid-level positions	34.283	32.622	1.661
Total	**62.498**	**54.077**	**8.421**
Training by functional category (average hour load)			
Management functions	52		
Top-level positions	50,47		
Mid-level positions	53,74		

Classes of Governance (G4-43)

Eletrobras Eletrosul is part of Eletrobras Companies, composed of 15 companies and coordinated by a Holding company that establishes unified policies and practices.

At the end of 2016, Eletrobras announced as one of the strategic pillars the strengthening of the Corporate Governance System, with unified practices and a training program for members of corporate governance, coordinated by the Eletrobras System University (Unise).

In 2017, the five directors and four directors of Eletrobras Eletrosul started the course "Governance, Integrity and Capital Markets", promoted by Unise, which will be extended in 2018. The Chief Financial Officer also participated in training on " Complementary "and" Safety Track I - Understanding the Plans Benefits".

Human Rights in Focus (G4-DMA-20, G4-10, G4-HR2, G4-HR9)

Human Rights training		Percentage %
Total number of employees	1,229	100
Total hours of training	785 hours	1.26
Total employees trained in the theme	95	7.73

The Week of Struggle for Persons with Disabilities, held in 2017, sensitized employees about social inclusion and the appreciation of diversity.

100% of operations underwent human rights analysis.

Security Training (G4-HR7)

Eletrobras Eletrosul has 159 outsourced security guards, trained directly by contracted companies - which is why they did not receive training on human rights at Eletrobras Eletrosul.

Health and safety training for outsourced workers (G4-EU16, G4-EU18)

With regard to training for outsourced workers, the responsibility of service providers is to be borne by the service providers, who must provide information on a monthly basis (the training needs, according to the type of service, are specified in the bidding documents). In the case of third-party services carried out in the Eletrobras Eletrosul risk areas, the work safety sector performs a safety integration before the start of activities. These integrations may occur in Eletrobras Eletrosul units or in the living area of the construction site of the contracted company.

Information on outsourced contracts is stored in the area of personnel management and provided, where necessary, to the control bodies.

4.4.4. INTERNSHIP PROGRAM

The Internship Program offered by Eletrobras Eletrosul provides trainees with a social, professional and cultural learning environment compatible with the basic context of the profession. The definition of the internship activities aims to develop the skills related to each course and to the interdisciplinary relationship. A periodic monitoring is carried out, with semester evaluation reports, which should have the knowledge of the trainee and his supervisor.

4.4.5. LABOR RELATIONS (G4-DMA-06, G4-DMA15, G4-11, G4-HR4, G4-LA4, G4-LA16)

In accordance with the legislation, Eletrobras Eletrosul respects the free trade union and category association for the realization of collective bargaining agreements, covering all employees. In 2017, all employees were covered by collective bargaining agreements and 100% of complaints and claims related to labor practices were resolved through a formal mechanism.

The collective bargaining agreement does not specify a minimum term for notification of operational changes to employees or representative entities. The current Collective Labor Agreement, signed between Eletrobras Eletrosul and the unions representing its employees, guarantees the participation of union entities during the studies and implementation of technological innovation processes that have an impact on work routines, with the constitution of a made up of employees' representatives with the aim of ensuring employability, health and safety.

Eletrobras Eletrosul does not identify the operations and suppliers that may be violating the freedom of association and collective bargaining.

Collective Agreement x Health and Safety Clauses (G4-LA5, G4-LA8)

The national collective agreement addresses five topics related to health and safety (which corresponds to 11.63% of clauses). Eletrobras Eletrosul is a signatory to specific agreements with local unions, which have three safety and health clauses, equivalent to 11.53% of the total clauses.

4.4.6. SAFETY AT WORK (G4-DMA-07)

Occupational Health and Safety Management is defined in the Eletrobras Eletrosul Plan for Occupational Safety, Occupational Health and Social Monitoring and Social Monitoring (PESSOAS) and Occupational Health and Safety Management standards.

Since 2008, the promotion of a safe and healthy work environment has been supported by PESSOAS, whose objective is to develop actions in the areas of health management, safety at work and social monitoring that preserve the integrity and well-being of employees. The Plan seeks to stimulate organizational learning and innovation, as well as define and improve processes in the areas of safety, occupational health and social / functional monitoring.

In order to ensure safety in its business chain, Eletrobras Eletrosul requires contracted companies and service providers to report their accident rates (frequency and severity rates) on a monthly basis.

Health and safety (G4-LA9)		
Own employees		1,221
Number of injuries male	Male	22
	Female	1
Number of occupational diseases	Male	3
	Female	0

Health and safety outsourced (G4-LA6)		
Number of injuries	Male	26
	Female	1
Number of occupational diseases	Male	0
	Female	0

14 Cipas

HAVE A TOTAL OF 92 EMPLOYEES

(7,48%) OF THE PROFESSIONAL STAFF

EPIs

Employees receive their personal protective equipment (EPIs) according to the need of their activities. Eletrobras Eletrosul provides first aid and rescue equipment for all field teams.

For outsourced employees, the responsibility for the provision of personal protective equipment is of the companies contracted. In order to guarantee the safety of its contractors, Eletrobras Eletrosul requests from the contractor before starting the services, among other documents of occupational safety, the EPI form of the employees who will carry out the activities.

In 2017, 14 Internal Accident Prevention Commissions (Cipas) were renewed. The employees of the Cipas (appointed and elected) do not have, in the majority, positions of leadership or management. For establishments where there is an area of risk, the employees' representatives are indicated those that have accreditation for entry in these areas.

Cipas

Formation of CIPAs

Stats	CIPA´s number
SC	7
RS	2
PR	4
MS	1

Total of employees: 1,229 - Total in CIPAs: 92 (7.48%)

4.4.7. ORGANIZATIONAL CLIMATE (G4-53)

The Organizational Climate Survey is conducted biennially (the last one was applied in 2015) and coordinated by Eletrobras (Unified Research on Organizational Climate of Eletrobras Companies). The research that should have been conducted in 2017 is scheduled for 2018.

4.4.8. SUPPLEMENTARY PENSIONS (G4-EC3)

Eletrobras Eletrosul offers its employees, voluntarily, the possibility of joining a supplementary pension fund of the Social Security and Social Welfare Foundation (ELOS), a private legal entity, non-profit and with administrative and financial autonomy, of which the company is an institution and sponsor. Currently, Eletrobras Eletrosul sponsors two plans - one in the defined benefit modality, closed to new members since 2009, and another, currently accessible, in the defined contribution modality.

In the defined benefit plan (Plano BD-ELOS/Eletrobras Eletrosul), the basis of the retirement value is the average real salary of the last 36 months of employee activity in relation to the value of the retirement benefit of the official pension plan. The contribution amount, calculated on the Real Contribution Salary (SRC), is determined in accordance with the provisions of the plan's regulations and limited to three times the maximum monthly contribution ceiling to Social Security (limit applied exclusively to employees admitted after 7 of April 1980).

In 2017, the amounts of the normal contributions to the BD-ELOS/Eletrobras Eletrosul Plan for the active participants (generated on employees' payroll and passed on to the ELOS Foundation) were R$ 7,326,007.47 (company share) and R$ 7,326,007.47 (part employed).

The benefits offered are:

- Complementation of retirement by time of contribution / service;
- Complementation of retirement by age;
- Complementation of disability retirement;
- Complementation of special retirement;
- Complementation of pension;
- Complementation of confinement assistance;
- Funeral assistance on death of beneficiary;
- Annual subscription.

In the defined contribution plan (CD-Eletrobras Eletrosul Plan), created in 2010, the beneficiaries receive a supplementary social security payment that varies according to the balance of their individual account, constituted by the contributions of the participant and sponsor, corrected by the profitability of the resources invested over the years in the financial market, discounting the administrative costs of the plan. The normal contribution is made equally by the employee and by the company, except for those employees over 65 years of age linked to the CD Plan (for which there is no contribution by the company, as established in the regulation). The value of the contribution is calculated on the basis of the SRC, plus the percentages set forth in the regulation, to constitute part of the Scheduled Mathematical Provision of Benefits to be Granted.

In 2017, the amounts of the normal contributions to the Eletrobras Eletrosul CD Plan, referring to the active participants were R$ 21,805,210.58 (company part) and R$ 22,085,313.79 (employee part) - the difference is related to the employees over 65 years of age who have no parity contribution from the company.

The benefits that are part of the defined contribution plan are as follows:

- Retirement benefit;
- Employee benefit from disability;
- Death benefit;
- Benefit-confinement.

Estimates of supplementary pension plans sponsored by Eletrobras Eletrosul are based on actuarial calculations calculated annually in accordance with the assumptions and actuarial assumptions defined for the year and observing the criteria established by the legislation. The calculation also considers the interest rate that remunerates the assets and the cost of the liability. Annually, in December, the obligations of the benefit plans for the following year are estimated. In this context, the estimated obligations for the year 2017 were calculated in December 2016.

In order to guarantee full coverage of the BD and CD Benefit Plan obligations, sponsored by Eletrobras Eletrosul and administered by the ELOS Foundation, market and liquidity risks are monitored monthly by the Investment Committee, where any deviation from normality is pointed out in minutes and actions are taken to mitigate or accept the risks. The follow-up is done by external consulting contracted by the ELOS Foundation, which presents data on asset volatility (market risk) and the time needed to transform assets into financial resources (liquidity).

In the event of a possible shortfall in the coverage of the benefit plan ascertained at year-end, subject to the limits permitted by current legislation and if so required, a deficit adjustment plan is prepared until the end of the subsequent fiscal year. In 2017 there was no need for an equalization plan, since the technical deficit accumulated at the end of the 2016 financial year was below the limit established by the legislation in force as it could be considered.

In November 2015, the National Supplementary Pension Council amended the treatment in cases of deficits of supplementary pension entities, establishing a tolerance band that takes into account the duration of the plan's liabilities to define the deficit limit supported and the amount to be equated, thus respecting the characteristics of each benefit plan. As a result, and in the light of what has been established so far, the deficit in 2017 should be within the limits allowed by the legislation, and it does not require the preparation of a Plan of Action for the consolidation of the deficit in 2018.

In November 2015, the National Supplementary Pension Council amended the treatment in cases of deficits of supplementary pension entities, establishing a tolerance band that takes into account the duration of the plan's liabilities to define the deficit limit supported and the amount to be equated, thus respecting the characteristics of each benefit plan. As a result, and in the light of what has been established so far, the deficit in 2017 should be within the limits allowed by the legislation, and it does not require the preparation of a Plan of Action for the consolidation of the deficit in 2018.

In 2017, the sponsor's normal contribution to the Benefit Plans referring to the active participants (generated in the employees' payroll and passed on to the ELOS Foundation) totaled R $ 29,131,218.05, of which:

- BD-ELOS/Eletrobras Eletrosulplan: R$ 7,326,007.47
- Eletrobras Eletrosul CD plan: R$ 21,805,210.58

The normal contribution of employees, active participants to the Benefit Plans, generated in the payroll and passed on to the ELOS Foundation amounted to R$ 29,411,321.26, of which:

- BD-ELOS / Eletrobras Eletrosul plan: R$ 7,326,007.47
- CD Plan - Eletrobras Eletrosul: R$ 22,085,313.79 (*)

(*) In the CD Plan, the company does not contribute equally to the contributions of employees over 65, in accordance with Article 53 of the Regulation of the Eletrobras Eletrosul Benefit Plan, transcribed below, which generates the greater amount for the employees:

"Article 53 - The Active Participant, having reached the age of 65 (sixty-five) years and has already fulfilled the conditions set forth in items I, II and III of Article 17, as of the third (3) month subsequent to these conditions, it will not be entitled to the Sponsor to continue to collect contributions for the constitution of the respective Scheduled Mathematical Provision of Benefits to be Granted. "

The percentage contribution of employees is variable, and the value of the contribution of the company as sponsor obeys the contributory parity established by law - that is, it corresponds to the same contribution value of the employees, regardless of the Plan to which they are linked, except for the employees over 65 years linked to the CD Plan.

Participation in the current pension plan (CD plan) is not mandatory. In December 2017, of the total of 1,369 active participants in the aforementioned Plans, 30.02% were linked to the BD Plan and 69.98% to the CD Plan.

Planning for Retirement (G4-EU15)

Number of employees by functional category who can retire in the next 5 years	
Management	39
University	53
Non-university	108

For this calculation, the following aspects were considered:

Mass of employees: excluded directors, requisitioned, young apprentices and employees amnestied;

- Retirement Men = Home Time + Contribution equal to or greater than 95 years;

- Retirement Women = Home Time + Contribution equal to or greater than 85 years.

On June 1, 2017, the Extraordinary Retirement Plan (PAE) was implemented in all Eletrobras Companies with the objective of reducing costs and adjusting the workforce to the new reality of the Brazilian electricity sector - essential measures to achieve the strategic objectives and ensuring the sustainability of the business. The conditions were submitted to the approval of the Secretariat of Coordination and Governance of State Enterprises (Sest) and presented previously to the trade unions.

The company made available to all the employees who joined the PAE the Orientation Program for Retirement (POPA), in which employees on the way to retirement receive information on personal finance, health, quality of life and entrepreneurship.

Rotativity (G4-LA1)	
Total employee self-terminations	120
Admissions of own employees	3 men
	0 women
Central-West Region turnover rate	11.36
Rate of rotation South Region	9.77

* Based on the number of own employees (1,221 employees), excluding the amnestied.

05

SUSTAINABLE EXPANSION

A sustainable and competitive company, standard of excellence in generation and transmission of electric energy

SDG 13 | CLIMATE ACTION

05 SUSTAINABLE EXPANSION [64-15]

Eletrobras Eletrosul's "Statement of Strategic Positioning" goes beyond a projection for the future - it is, in fact, what the company seeks in the work done in the present, in all processes. "Eletrobras Eletrosul 2030: a sustainable and competitive company, standard of excellence in generation and transmission of electricity" is part of the daily life of the company, in large and small actions carried out day after day.

In 2016, Eletrobras Eletrosul reaffirmed its commitment to the United Nations Development Program (PNUD), a subsidiary body of the United Nations (UN), to continue its sustainability actions. In 2017, the five Sustainable Development Goals (SDG) most relevant to the company's business were prioritized in a joint work of Eletrobras Companies and the goals and targets associated with them were included in the Business and Management Plan (PNG) 2018-2022 of EletrobrasEletrosul:

SDG 16 - Peace, justice and strong institutions;

SDG 7 - Accessible and clean energy;

SDG 9 - Industry, innovation and infrastructure;

SDG 8 - Decent employment and economic growth;

SDG 13 - Combating climate change.

This is the first time that this type of goal is part of strategic planning. However, in order to be able to act effectively on these fronts, it is fundamental that the company itself be sustainable. In this sense, it continues to adopt austere economic, financial, operational and management measures, which are bringing very positive results.

Engagement with entities and movements such as the UN and the Global Compact and social projects also take into account the precepts of sustainable development. At a first glance, projects such as community gardens or entrepreneurship centers for women may not seem to be related to the work of an electric utility. However, a deeper look can see the importance of each initiative thought and executed for the development of the community.

In 2017, the company used fiscal incentives (Fund for Childhood and Adolescence - FIA, National Program to Support Oncological Care - PRONON and National Program to Support the Health Care of Persons with Disabilities - PRONAS / PCD) to sponsor important projects. It has also received recognitions such as the FAO's Good Practice Platform for Sustainable Development (UN agency specialized in combating hunger and poverty) for the "Community Gardens" program. It is important that we have this kind of recognition on these pages, but it is much more than an item for reporting. It shows that society expects companies to look beyond their business. EletrobrasEletrosul is already part of that.

5.1. INTEGRATION WITH COMMUNITY AND SOCIETY (G4-DMA-03, G4-DMA-23, G4-EC7, G4-EC8)

The implementation of electric power projects (especially those of hydroelectric generation) causes changes in the demand for goods and services in the surrounding municipalities and due to the pressure in sectors such as hotel and land. As a consequence, there is a change in the economic-productive matrix, with impacts and externalities that need to be managed. Positive and negative externalities vary according to the local characteristics and the profile of the work in progress. As an example of positive impacts, we can mention the addition of firm energy to the National Interconnected System (SIN), the increase in municipal revenues and the improvement in roads and bridges. Among the possible negative impacts are the suppression of vegetation and the increase in the flow of machines and vehicles.

Both negative and positive impacts receive special attention from Eletrobras Eletrosul - the former, to be mitigated or compensated, and the latter, to be potentialized. Because they are complex situations and multiple interests, decisions involving the community in the implementation of the ventures are based on dialogues. The agreements and guidelines that will guide social and environmental work are defined in meetings and public hearings that bring together diverse sectors of society, ensuring broad and democratic participation. When there is a need for relocation of the residents, offices are set up to provide assistance and clarify doubts. Before the works start, a registration is made with data of the owners and the lands that will be used for the implementation of the enterprise, in order to guarantee coherent and fair negotiations.

The payment of indemnities is also careful, either for the easement bands (areas of security under the power transmission lines), which are recorded in the real estate registrations and whose owners are indemnified by the restrictions of use, as well as in the acquisition of properties for implementation of substations and power plants. In these cases, the viability of the remaining area and the possibility of the owner to continue residing and using the site are analyzed. In the case of wind farms, the owners receive a remuneration for the availability of the properties for the implementation of the project.

In areas where electrical projects are implemented, to mitigate environmental impacts such as suppression of vegetation, flood and changes in the composition of flora and fauna, EletrobrasEletrosul develops environmental impact studies and performs all necessary environmental measures. The company develops, among others, actions for the recovery of degraded areas, forest restoration and monitoring, waste management and erosion process control. In general, these actions are executed by the contractors hired for the execution of the works, under the coordination and responsibility of EletrobrasEletrosul.

Eletrobras Eletrosul is committed to contribute in an innovative way to improving the human condition through multi-sectoral articulations involving federal, state and municipal governments, as well as organized civil society, to carry out actions and initiatives that promote citizenship and the human development, aiming at a society more just,

in balance with nature, sustainable and solidary. In the social sphere, this commitment materializes with the implementation of projects in line with Eletrobras Eletrosul's Integrated Program for Sustainable Development and Social Investment Policy, which have among their objectives to invest in projects for the generation of work and income and community entrepreneurship, in accordance with current legislation and sustainability criteria.

The relationship between the company and society is guided by the Eletrobras Companies Social Responsibility Policy (Version 2.0), which focuses on sustainable development, ethics, private social investment and traditional peoples and communities. The Policy also highlights the establishment of channels for relationships, anti-corruption practices, and strategic actions for stakeholders: traditional and indigenous communities, children and adolescents, the elderly, people with disabilities, the black population, women and the LGBT population.

A highlight in the social area is the "Community Gardens" program, which offers an alternative income to the communities neighboring the transmission lines and stimulates the proper use and preservation of the easement ranges, avoiding irregular occupations. The program is being developed in the states of Paraná, Santa Catarina and Rio Grande do Sul, and in 2017 was included in the FAO's Platform for Good Practices for Sustainable Development, an agency of the United Nations specialized in combating hunger and the poor. Eletrobras Eletrosul has implemented Community Entrepreneurship Centers (CECs) in eight municipalities impacted by entrepreneurship, which seek to stimulate the local development of communities through education for entrepreneurship, income generation and the empowerment of women and / or historically discriminated publics.

The children's audience receives special attention through the Open House program, which aims to share knowledge about electric energy with elementary school students, preferably in the age group between 10 and 11 years. They are information that covers the generation, transmission and distribution of energy, the main sources and alternative sources, care with electric energy, rational use of energy, preservation of the environment, among others.

The company's social commitment permeates all processes, including those for the disposal of waste goods. Whenever possible, these assets are donated, assisting civil society institutions, social organizations and public agencies to improve the infrastructure of their units.

The social and environmental programs of the company seek to compensate for the possible negative impacts of its operations and to enhance the positive ones.

Social investment (G4-SO1-S)	R$
Education	2.566.552
Health and Infrastructure	336.423
Work and income	22.290
Culture	152.021
Sport and leisure	19.000
Donation of goods and services	305.835
Cultural sponsorship	155.879
Other	8.562
Total	**3.566.562**

5.2. IMPACTS OF INVOLUNTARY DISPLACEMENT (G4-EU20, G4-EU22, G4-SO1-A)

In addition to the environment, the implementation of projects can have an impact on the local population. These are often complex situations and multiple interests, which Eletrobras Eletrosul solves through dialogues with the community. The participation of affected persons occurs through public hearings, community meetings or with a commission formed to represent it and other meetings. To assist owners with affected areas and the general population, when necessary, Eletrobras Eletrosul installs offices in strategic locations.

For the implementation of an enterprise, the release of land belonging to third parties may be necessary. In such cases, the entrepreneur is responsible for the social and equity issues that will result in the indemnities, at fair value, according to the terms of current legislation. Therefore, it is fundamental that criteria and guidelines are established for the standardization of procurement procedures that will be presented to the owners so that they know the indemnification conditions in advance. Eletrobras Eletrosul carries out administrative proceedings at the National

Electric Energy Agency (ANEEL), seeking the request of the Public Utility Declaration (DUP), which enables the procedures for expropriation and institution of administrative easement. In general, the processes occur in the administrative sphere. In case of disagreement, the company is protected from DUP for the investigation of legal proceedings.

The evaluations follow the guidelines of Brazilian Standards NBR 14.653-2 (Urban Property Assessment) and NBR 14.653-3 (Rural Property Assessment) of the Brazilian Association of Technical Standards (ABNT). The indemnification occurs through a public deed of institution of administrative easement or expropriation and subsequent registration in the registration of the property, and the values are made available by nominal check to the owner. In the case of assignments of surface use, it is usual to pay periodic remuneration for the assignment of real estate use. If there is a need to remove the dwelling, the owners are compensated so that they can acquire a property in equal or better conditions than the original.

The displacement of local population occurs more frequently in the implementation of hydroelectric generation enterprises. When this occurs, Eletrobras Eletrosul identifies the properties located in the area of flooding, does the socioeconomic registration and land regularization of real estate, raising information for the expropriation and support to reallocation processes. The values applied in the indemnification of land, crops, improvements and others are based on price surveys in the region of the enterprise and ABNT information, which are discussed with representatives of the affected population and approved to be used as reference throughout the project. In the case of wind generation, where the installation of the infrastructure is compatible with the permanence of the property domain, the displacements are sporadic.

In transmission line projects, the displacement of residents occurs when the installation crosses urban areas. In rural areas, in general, the easement range is small relative to the property, not reaching homes - if this happens and there is no possibility of displacement in the same property, Eletrobras Eletrosul indemnifies the families. A cadastre of the affected properties is carried out, with detailed information about the property and the owners, identifying who should be indemnified.

For substation works, a small number of properties are acquired. Compared to other enterprises, there is greater flexibility in the choice of location, which allows for less inconvenience if some family displacement is required. In any of these procedures, Eletrobras Eletrosul provides full support to affected families (there is, however, no psychological monitoring of possible negative effects arising from reallocations).

The interaction and support of Eletrobras Eletrosul to the communities affected by its undertakings are not restricted to indemnities. A series of actions is carried out to provide all necessary support to the community from which, with the installation of an enterprise, Eletrobras Eletrosul also becomes a part of:

- Technical guidance for acquisition or construction of property and for better use of existing material in the building to be demolished;

- Financial support for change;

- Payment of rent during the period necessary for relocation;
- Indemnification of costs to regularize the property to be expropriated;
- Technical and legal assistance for the acquisition of new property;
- Intermediation in agreements between owners and tenants;
- Search for partnerships to enable removals;
- Enabling the IPTU exemption, when necessary.

The personal relationship between Eletrobras Eletrosul technicians and the local population is an essential component in meeting social and environmental demands - the contacts of technicians, as well as the nearest office and other company channels, are immediately available. The service can also be done by a direct dialing channel free of charge and by the Ombudsman (which can be accessed by phone, email or correspondence).

The direct and indirect interferences of the implantation of enterprises in economic activities, cultural identities and traditional communities (such as quilombolas and indigenous people) are diagnosed in the elaboration of environmental studies. When these communities occur, specific programs to preserve cultural aspects and identities and minimize interference are approved by the environmental licensing body and executed in the implementation and operation of the enterprise. It is also up to the entrepreneur to periodically submit a report on the execution of the programs, as well as the contact with the bodies responsible for these communities (such as the National Indian Foundation - FUNAI).

5.3. INDEMNIFICATION (G4-EU22)

The main causes for the displacement of the population are the interferences, in the real estate and improvements, occasioned by the implantation of enterprises. When possible, it is sought to alter projects to avoid them - however, when unavoidable, the displacement is carried out with all necessary support. There was no such displacement in 2017.

Total value of indemnities paid in the last three years

Year	Displaced persons	Indemnification (R$)	Indemnified persons
2015	0	4,831,143.92	200
2016	0	1,771,756.98	62
2017	0	1,807,628.35	82

* The indemnifications refer to the opening of access, indemnification of crops, suppression of vegetation and the institution of easement, not implying the displacement of people.

For each property reached, an administrative process is opened, in physical and digital means, with topographic and cadastre information, assessment of indemnity values, registration of the acquisitions or administrative easements and all negotiations between the entrepreneur and the owner of the property. The information is recorded and compiled in the Real Estate Disposal Control system, which allows the obtaining of qualitative and quantitative information about each property and the enterprise as a whole, as well as the elaboration of thematic reports by property and / or work. The information is verified with the supervision of a company technician, responsible for the enterprise, and external audits are not performed.

5.4. INTERACTION WITH INDIGENOUS PEOPLES (G4-DMA-19, G4-HR8)

Eletrobras Eletrosul participates in the discussions promoted by the Committee of Indigenous Communities (CCI) of the Environment Committee (SCMA), which seek to establish guidelines for the relationship between Eletrobras companies and indigenous peoples. In 2017, the Commission prepared the guidelines that were presented in December with the objective of integrating the Eletrobras Environmental Policy.

In the environmental licensing of projects involving indigenous peoples (especially in the administrative regularization of the indigenous component), the company set as a goal the consensual establishment of agreements with the communities in the judicial processes in which it was activated. Thus, according to the instructions and with the National Indian Foundation (FUNAI) follow-up, a diagnosis of the potential impacts on indigenous lands and peoples is being carried out in three of these processes. In another, the company awaits the final judicial decision to implement the compensation actions that integrate the Basic Environmental Plan.

The measures taken by the company in relation to indigenous peoples are not restricted to possible impacts caused by enterprises.

Eletrobras Eletrosul has also been working on raising awareness about the importance of caring for these communities, whose specificities need to be respected. Among the actions carried out to promote the Company's Environmental Policy, two events held at headquarters during the Environment Week highlighted the indigenous presence: the ecological exhibition with an exhibition of Guarani handicrafts (made by the indigenous artisans themselves) and a media- an indigenous and employee-led leadership.

Eletrobras Eletrosul has two self-declared indigenous employees, one in Santa Catarina and one in Rio Grande do Sul. There are no records of cases of violation of indigenous rights. The company is regularizing the Indigenous Component of environmental licensing in four projects located in Santa Catarina, which may affect lands and indigenous peoples:

- 138 kV Transmission Line Jorge Lacerda - Florianópolis
- Transmission line 230 kV Biguaçu
- 525 kV Transmission Line Campos Novos - Biguaçu - Blumenau

- 230 kV Transmission Line Salto Osório - Xanxerê and Transmission Line 230 kV Xanxerê –Pato Branco (parallel circuit)

Environment preserved and respected - Socio-environmental education

During the year, the company developed Socio-environmental Education projects in places where it has projects:

- Environmental Protection Area (APP) of the Paraná River Basins and Islands - an institutional video was produced on the APP, which will be used in environmental education actions;
- Gaspar (SC) - socioeducative lectures were given in schools in the city, totaling 103 students attended;
- São Domingos Hydroelectric Power Plant - lectures were given to employees of outsourced companies that provide services at the Power Plant, with topics related to the environment and work safety. Also produced a folder on the progress of the environmental programs of the Plant, with guidelines to the community;
- Passo São João Hydroelectric Plant - Plant facilities were opened for community visits - especially the families behind the project, students and teachers. A total of 145 people met the plant and received information about the environmental programs. In addition, in partnership with a state school, an agroforestry workshop was held, with the participation of 83 people from the community. Also in the Passo São João Hydroelectric Power Plant, an exchange visit in Agroforestry Systems was carried out in the city of Pirapó (RS), in partnership with Emater / RS, which was attended by 21 technicians, professors, university students and family farmers. Environmental training was provided to 17 employees working at the Plant, which presented the environmental conditions of the Operating License and the measures being taken to mitigate environmental impacts.

5.5. ENVIRONMENTAL LICENSING

In 2017, Eletrobras Eletrosul obtained 42 environmental licenses, authorizations, approvals and opinions related to its electricity transmission projects:

- Five installation licenses;
- Eight previous licenses;
- Nine operating licenses;
- Eleven pre-installation and unified licenses;
- A general authorization;
- An environmental permit (Wildlife Management on Transmission Lines);
- Three licensing exemptions;
- Four IPHAN opinions.

There were also the renewal of seven environmental operating licenses (five transmission lines, one substation and one transmission line extension).

Socio-environmental impacts (G4-EN34, G4-SO2)

The survey of the socio-environmental aspects and impacts of each undertaking is made during the development of environmental studies, which are submitted to the competent bodies to substantiate the licensing. Different stakeholders are involved, such as prefectures, impacted communities, non-governmental organizations, the National Historical and Artistic Heritage Institute (IPHAN), the National Indian Foundation (FUNAI), the National Department of Mineral Production (DNPM), the Brazilian Institute of the Environmentand of Renewable Natural Resources (IBAMA) and other environmental agencies.

Eletrobras Eletrosul works to ensure that the guidelines of its Environmental Policy are part of everyday life and pass through all its processes - therefore, it has Business Management Norms related to Environmental Management and Licensing. In addition, the company seeks to comply with social and environmental legal precepts, as well as those established in permits and opinions issued by environmental agencies. In the period covered by this report, through formal mechanisms, ten complaints and complaints related to environmental impacts were registered - all resolved in the period. There are no assumptions related to consumption patterns.

Among the possible negative impacts generated by the implementation and operation of the projects are:

- Restriction to land use and occupation;
- Alteration of the local landscape;
- Generation of expectation in the population;
- Compulsory displacement of families;
- Damage, restriction, relocation and devaluation of third-party properties;
- Generation of expectations, annoyances, insecurities, social problems with owners involved and divergences between them and the entrepreneur;
- Generation of noise;
- Impact on scenic landscape and visual pollution;
- Interference / unfeasibility of productive areas and improvements;
- Interference in indigenous and quilombola communities;
- Interference in the quality of life, privacy and daily life of the population involved, in social facilities and community areas;
- Pressure on the local economy, essential services, urban facilities and local infrastructure;
- Risk of increase in the occurrence of propagation diseases.

The properties affected are mostly exploited for economic purposes, and changes in their areas influence family income (impact that can be considered positive or negative, depending

on the situation). In the case of hydroelectric power plants, the regional real estate market undergoes temporary alterations due to the need to purchase private land on a large scale, in a short period of time, raising values, stirring up disputes and warming the market.

Compulsory displacement of affected families is especially important because it involves human beings and their means of production, as well as affective and cultural ties. Local infrastructure is also impacted by interference in bridges and roads. This impact can be considered positive, since the community starts to enjoy improvements in these structures, and negative, due to the increase in vehicle traffic due to the mobilization of equipment and the displacement of workers.

The implementation of social programs and partnerships with public agents does not occur only during the implementation of the projects - it has continuity after the start-up. Programs such as "Community Gardens" and "Entrepreneurship Centers" are implemented in impacted areas with the objective of promoting regional development, generating income and stimulating empowerment.

5.6. BIODIVERSITY (G4-EN12, G4-EN13, G4-EN14, G4-EN27, G4-EU13, DMA-36)

Among the environmental impacts that may occur during works for the implementation of electric power projects, many can affect biodiversity. In substations, the most common are degraded areas, soil erosion and accidents associated with oil spills. In the works of transmission lines, soil erosion and habitat reduction can occur. Impacts associated with fauna, soil and water contamination (associated with oil leakage), reduction of the water quality of artificial reservoirs and damage to the natural migration of fish can occur in wind and water generation ventures. Examples of programs developed to minimize and / or compensate for these impacts are monitoring of fauna and flora, water quality in reservoirs, replanting, planting in areas of permanent preservation (APP), erosion control, noise monitoring and solid waste management.

In energy generation projects (hydroelectric and wind farms), negative environmental impacts are considered significant in the deployment, operation and maintenance stages. The main environmental risks are those related to the physical environment (water and soil) and the biotic environment (fauna and flora) and communities covered (especially those in need of relocation). The significant direct and indirect impacts, positive and negative, in relation to the affected species are evaluated in the environmental studies carried out for each project, in compliance with the requirements of the environmental agencies. The impact matrix also brings information such as the duration and aspect of reversibility or irreversibility of these impacts.

In 2017, a transmission line was sectioned and the expansion of six substations. The negative impacts caused by the works were mitigated by compliance with the provisions of permits, studies, programs and environmental measures. The significant negative impacts generated by the operation of the ventures were also mitigated by the environmental monitoring and management actions.

Permanent preservation areas (APP's) receive special attention within environmental programs, with the application of detailed techniques for replanting forests and prioritizing the use of biodiversity conservation models (which seek to redo natural processes of succession). With this work, in addition to actions such as demarcation and fencing of APP's, key processes are maintained that contribute to recovering the complexity of natural systems conditions.

The size of the APPs associated to the areas of each of Eletrobras Eletrosul hydroelectric projects (own) is:

Enterprise	APP (ha)
PCH Barra do Rio Chapéu	27.61
PCH João Borges	268.97
UHE Passo São João	1,769.36
UHE São Domingos	684.18

In degraded areas during the works, recovery actions are carried out, such as removal and storage of the soil organic layer, topographic reconstitution, soil and vegetation cover restitution and cover with herbaceous, shrub and arboreal species. The success of restoration measures is evaluated and monitored by specialized technicians.

In 2017, practices for recovery and environmental preservation were not developed. In the period from 2015 to 2017, the APP's of the same hydroelectric generation projects reported in 2014 were maintained, since in 2015, 2016 and 2017 no new corporate hydroelectric projects were implemented and no new APP's were acquired. The company does not have germplasm banks for the recovery of degraded areas and, in 2017, no seeds and seedlings produced in germplasm banks were used.

• Areas degraded by transmission projects in operation - 18 km^2, being recovered all this area.

• Areas of permanent preservation that were reached by hydroelectric projects in operation - 16.75 km^2, being recovered 5 km^2 by the end of 2017.

Species included in the IUCN red list and in national conservation lists with habitats located in areas affected by the organization's operations are presented in environmental studies associated with each enterprise or group of enterprises. The total number of species associated to the ventures can be verified in consultation with their respective environmental studies.

The instruments governing the management of generation and transmission enterprises in the company are the Technical Norms of the Brazilian Association of Technical Standards (ABNT), the environmental legislation in force, the environmental studies developed for the enterprises, the Maintenance Manuals (standards and procedures (MMs) and Operation Manuals (OMs).

5.7. WATER (DMA35, G4-EN8, G4-EN9, G4-EN10)

Information on water consumption from surface and ground sources, public utilities and rainwater are monitored with the aim of improving environmental performance. The theme is so important to the company that an environmental indicator of reduction of the consumption of water from concessionaires was inserted in the Business and Management Plan (PNG) 2018-2022 of Eletrobras Eletrosul, related to the Sustainable Development Goal (SDG) 9.

Eletrobras Eletrosul works with the premise that all of its new projects are built according to sustainability criteria, providing for the lowest consumption of water and the use of rainwater for non-potable purposes, and currently, four units have installed equipment for this purpose. Two of them have meters, which computed in 2017 the consumption of 465.88 m^3 of non-potable water. During this period, the consumption of rainwater represented savings or use of 46.86% of the total water requirement for the two units.

Since the implementation of the Passo São João Hydroelectric Power Plant, in the municipality of Roque Gonzales (RS), the company has joined the Ijuí River Basin Committee, which includes environmental agencies such as the State Foundation for Environmental Protection Henrique Luiz Roessler (Fepam), the Environmental Police and the Secretariat of Environment and Sustainable Development (SEMA).

Granting processes for water use

The company has four hydroelectric projects in operation, all with concession for water use.

Enterprise	Grant (m^3/s of water)	River
UHE Passo São João (RS)	333	Ijuí
PCH Barra do Rio Chapéu (SC)	2.586	Braço do Norte
PCH João Borges (SC)	3.961	Caveiras
UHE São Domingos (MS)	160	Verde

Total water withdrawal by source (administrative activities) - m^3 (G4-EN8)	
Dealer	23,528.20
Underground sources	33,296.48
Water bodies	144.94
Rainwater directly collected and stored	410.90

Most water is used for energy production (non-consumptive use) and does not result in volume changes (it does not significantly affect water sources). It should be noted that water from conservation units is not used. In the decentralized areas water sources (wells and surface) are generally used for administrative use.

No enterprise is located in the eleven Brazilian wetlands included in the Ramsar List, which coincide with conservation units already protected by the National System of Conservation Units (SNUC).

5.8. ENERGY (G4-DMA-34, G4-EN3, G4-EN4, G4-EN5, G4-EN6, G4-EN7)

Information on direct and indirect energy consumption is collected, analyzed, consolidated and monitored in order to define actions to improve environmental performance. The goal for reducing energy consumption (related to SDG 9 - Industry, Innovation and Infrastructure) was included in the Company's Business and Management Plan (PNG) 2018-2022.

The new projects are built according to sustainability criteria that include, among others, the reduction of water and energy consumption. As it is a sector of extreme regulation, the company is subject to the normative set of the National Electric Energy Agency (ANEEL), which establishes the relationship between agents and consumers.

Consumption of electrical energy within the organization (in GJ) (G4-EN3)	
Total energy consumption within the organization	129,526.67
Electricity consumption	64,131.43
Total consumption of fuels from renewable sources	59.96
Total fuel consumption from non-renewable sources*	65,335.28

* Fuels from non-renewable sources are gasoline, LPG and diesel fuel.

Energy consumption outside the organization (in GJ) (G4-EN4)	
Total energy consumption outside the organization	3,582.53
Consumption of fuels with transportation of non-energy products	71
Total consumption of fuels with transportation of employees	3,511.53

There was no reduction in the use of renewable fuels. The company used 15.6 GJ (or 731.01 liters) more than vehicular ethanol. Reducing energy consumption (fossil fuels and electricity) and increasing consumption of renewable fuels compared to 2016 demonstrates the organization's ability to use energy efficiently. (G4-EN6)

	Electricity consumption (GJ)	Reduction (%)	Energy consumption within the organization (GJ)	Reduction (%)
2016	66,268.69	3.22	142,072.03	8.83
2017	64,131.43		129,526.67	

[G4-EN7]

	Fuel consumption in the transport of employees (GJ)	Reduction (%)	Energy consumption outside the organization (GJ)	Reduction (%)
2016	3,819.24	8.06	4,025.63	11.01
2017	3,511.53		3,582.53	

In 2017, the company reduced energy consumption, which had a positive effect on its environmental footprint and reduced operating costs.

Energy Intensity [G4-EN5]

ENERGY INTENSITY RATE BASED ON GENERATED ENERGY (MWH) (GJ/MWh)	0.054

This result means that for each MWh of energy generated by the company, 0.054GJ of energy is consumed within the organization.

ENERGY INTENSITY RATE BASED ON ROLE (GJ/R$ thousand)	0.062

This means that for every one thousand real net operating revenue is consumed 0.062 GJ of energy within the organization.

5.9. SIGNIFICANT ENVIRONMENTAL IMPACTS RESULTING FROM THE TRANSPORT OF PRODUCTS AND EMPLOYEES (G4-DMA-39, G4-EN30)

In compliance with Eletrobras' Environmental Policy, which emphasizes in its principles and guidelines the importance of using indicators to measure the results of environmental management, Eletrobras Eletrosul is monitored monthly, approximately 10 indicators related to transportation used inside and outside the organization. Based on the knowledge of the consumption profile, targets are set for the reduction of fossil fuels of the vehicle fleet, which are included in the Business and Management Plan of the company.

The main impacts related to transportation are the emission of air pollutants, tire and motor oil discharge.

In order to reduce the emission of atmospheric pollutants, the Company provides buses for employees to travel between residence / work, makes use of videoconference communication systems, has a distance education system and for the disposal of tires and engine oil, seeks to hire suppliers that have the reverse logistics system in place.

5.10. RESIDUES (G4-DMA38, G4-EN22, G4-EN23)

The company carries out a monitoring of the generation and destination of its waste in order to improve its environmental performance and the assumptions underlying the form of waste management are described in an internal standard.

The solid waste management procedure is under review, in order to adapt the premises of the National Solid Waste Policy. In the meantime, the analysis of all types of waste generated by the company, classified according to NBR 10.004/200.4, has been prepared and proper disposal verified.

Also in compliance with the National Policy on Solid Waste, the company is implementing the actions foreseen in the Solid Waste Management Plan (PGRS) at its administrative headquarters. This Plan considered as a pilot project will be extended to the decentralized areas of the company.

Finally, in compliance with Decree 5940/06, the company entered into mutual cooperation agreements with the Association of Workers in the Separation of Recyclable Waste from Colombo - RESOL, aiming at the implementation of the selective collection and recycling of electronic waste, by means of Donation.

Nine tons of waste was disposed of.

Class (ABNT NBR 10.004 / 2004)	Destination	Administrative activities (T)	Wind generation (T)	Hydroelectric generation (T)	Transmission (T)
II	Industrial landfill	46	-	-	-
	On-site storage	-	-	5.51	564.99
	Disposal	207.25	-	-	-
	Composting	14.6	-	0.12	1.76
	Municipal collection	77.44	-	-	-
	Recycling	22.21	-	1.88	152.19
	Reuse	-	-	6.32	0.15
Total Class II residues		367.5	-	13.83	719.09
I	Sale	25.41	-	-	-
	Incineration	-	-	-	-
	On-site storage	0.53	-	0.66	284.241
	Industrial landfill	-	0.3	0.88	8.93
	Coprocessing	-	1.2	14.03	25.95
Total Class I waste(T)		25.94	1.5	15.57	319.121
Total waste per activity (T)		393.44	1.5	29.4	1,038.211
Total waste at Eletrobras Eletrosul (T)		1,462.55			

Total volume of water disposal by destination (G4-DMA38)	
Volume of sanitary effluents launched in the public network	11,385.61 m^3
Volume of sanitary effluents treated by septic tank	32,521.25 m^3
Volume of sanitary effluents treated by filter tank	6,203.28 m^3

5.11. EMISSIONS (G4-DMA37, G4-EN15, G4-EN16, G4-EN17, G4-EN18, G4-EN19, G4-EN20, G4-EN21)

The information to calculate the GHG emissions necessary for the preparation of the Inventory is obtained by means of software, with the objective of verifying the historical evolution of variables related to greenhouse gas emissions (CO_2, CH_4, N_2O, PFCs HCFCs) , atmospheric pollutants (SOx, NOx, MP), and gases controlled by the Montreal Protocol.

The processes of consolidation, analysis and internal audit related to emissions are carried out by the Environment Committee of Eletrobras companies. The inventory is also audited by independent auditors contracted by Eletrobras, who issues a letter of assurance at the end of the process. These procedures attest to the veracity of the information used to calculate the emissions. Each of the companies is responsible for internal control of the information contained in the Inventory, participation in the study of new methodologies and internal training to improve the dissemination and measurement of information related to the issue of climate change. The calculation of the emissions is carried out by Cepel and the preparation of the Inventory is the responsibility of Eletrobras. As the emissions profile is known, based on the diagnosis guaranteed by the Inventory, the Company establishes strategies, plans and targets for the reduction and management of greenhouse gas emissions.

Regarding the establishment of targets, the Company's PNG Business and Management Plan (2018-2022) included an environmental goal to reduce the intensity of emissions by 0.2% per year.

The PNG target (2017-2021) was not reached, as there was an increase of 8.45% in total emissions.

The consolidation approach chosen for the issues was the operational control, in which the company accounts for 100% of the GHG emissions of its units.

ESCOPE 1 (t CO_2e)	10,156

Gases included in the calculation were CO_2, CH_4, N_2O, SF_6, HFCs.

In Scope 1, which corresponds to direct GHG emissions, the calculation includes the emissions related to the consumption of diesel oil in generator sets, GLP in fixed sources, gasoline and diesel in the fleets of own and leased vehicles, gasoline in nautical vessels, sanitary effluent emissions, SF_6 emissions contained in transmission equipment, in addition to the emission of refrigerant gases in air conditioners.

SCOPE 2 (t CO_2e)	
Consumption of electric energy acquired from concessionaires working in INS	221.6
Losses in transmission	130,403.1
Total	**130,624.7**

Gases included in the calculation were CO^2, CH^4, N^2O, SF^6, HFCs.

In Scope 2, which corresponds to the indirect GEE emissions from the energy acquisition, the calculation includes the relative emissions related to the consumption of electricity purchased from concessionaires operating in the SIN and the losses in the transmission system.

SCOPE 3 (t CO_2e)	
Emissions related to air travel on duty	376.3
Emissions related to the daily transport of employees	218
Emissions from transport of non-energy products	38.9
Total	**633.1**

The gases included in the calculation were CO_2, CH_4, N_2O

In Scope 3, which corresponds to other indirect GEE emissions, they were accounted for: 617 t CO_2e. The calculation includes emissions related to air travel on duty, transport of employees, transport of non-energy products and aviation kerosene in chartered aircraft.

Intensity of Greenhouse Gas Emissions

Intensity of GHG emissions based on role(t CO_2e/thousand R$)	
Scope 1	0.048
Scope 2	$1.061e^{-4}$
Scope 1 + Scope 2 without transmission losses	0.0049

It means that for every thousand R$ of revenue generated by the company there is the emission of 0.048 t CO_2e of scope 1 and $1.061e^{-4}$ t CO_2e of scope 2.

Intensity of GHG emissions based on generated energy (t CO_2e/ MWh)	
Scope 1	0.0042
Scope 2	$9.26e^{-5}$
Scope 1 + Scope 2 without transmission losses	0.0043

It means that for each MWh generated by the company there is the emission of 0.0042 tCO_2e of the scope 1 and $9.26e^{-5}$ t CO_2 of scope 2.

EMISSIONS OF SUBSTANCES THAT DETERMINE THE OZONE LAYER (SDO)	0.0121

The premises established by the Company to reduce these gases (SDO) are based on the replacement of the old air conditioners by inverter splits, which use 410a gas. These devices have energy savings of around 40%, reducing SDO emissions.

Other Emissions: NOx, SOx and other significant atmospheric emissions

The Eletrobras Eletrosul electricity generation process is based on clean and renewable energies (hydroelectric, wind and solar), the company does not have a fossil fuel thermoelectric generation, whose combustion process releases sulfur and nitrogen oxides (SOx and NOx) and particulate matter.

5.12. COSTS AND INVESTMENTS IN ENVIRONMENTAL PROTECTION (G4-DMA-40)

The management of investments related to environmental protection is planned annually by the area responsible for Environmental Licensing and Management, based on the survey of actions to be performed in the licensing processes. Goals, responsibilities, budgetary resources and other management variables are established, and the evolution of investments made is monitored throughout the year. It is important to emphasize that engineering ventures have specificities and may suffer adjustments due to externalities. Particularities are weighed and handled according to your need.

TOTAL INVESTMENTS AND EXPENSES WITH ENVIRONMENTAL PROTECTION (R$) (G4-EN31)	
Equipment, maintenance, materials, operational services and personnel expenses	6,560,149
External environmental management services	1,187,166
Other costs	703,304

5.13. RISK OF ENVIRONMENTAL ACCIDENTS (G4-EN24)

In 2017, accidental leakage of insulating mineral oil from equipment installed at its facilities totaled approximately 22 m^3, with the most significant occurring at the Gravataí Substation, located in Rio Grande do Sul, a leak that was promptly serviced by the Eletrosul Environment areas, which in less than 24 hours, completely isolated the sinister area and immediately began to collect the leaked material, communicating to the organs concerned the safety and environmental control, minimizing its consequences, which motivated opinions favorable to such procedures, issued by the inspection of these organs.

Faced with this fact, studies have already been initiated to carry out preventive actions to mitigate the risks of new accidents of this nature, which should be ready for implementation in 2018.

5.14. MATERIALS (G4-DMA-33, G4-EN1, G4-EN2)

The company has as a priority service in the energy generation activity and in the transmission the availability of the transmission lines. In the company's activities are considered main non-renewable materials: benzine, toluene, acetone, activated bauxite, mineral insulating oil, SF_6 gas and acetic acid.

In order to reduce the use of natural resources, recycled materials are used, such as insulating mineral oil and in administrative activities, the use of recycled paper is encouraged.

Renewable materials are not used by the company and an Environmental Management System formalized and certified by ISO is not used.

Used material, discriminated by weight and volume (G4-EN1)	
Weight of non-renewable materials used in the production of the main products and services (kg)	2,294.36
Total volume of non-renewable materials used in the production of the main products and services (L)	1,810

Materials used for recycling (kg) (G4-EN02)	
Total weight of recycled inputs used in the manufacture of the main products and services	3,136.12
Total volume of recycled inputs used in the manufacture of the main products and services	161,880

Percentage of recycled inputs used in the production of the main products and services
The input for the insulating mineral oil is 100% recyclable.

Relation between consumption of recycled paper and white paper	
1,344 reams of recycled A4 paper versus 3,470 reams of A4 white paper	27.92%
01 ream of recycled A3 paper versus 75 reams of A3 white paper	1.32%

* In the 2016 report, the total volume of recycled inputs used in the production process was revised as a result of the conversion of units to 101,232 kg.

5.15. CLIMATE CHANGE (G4-EC2)

Eletrobras Eletrosul's electricity production matrix originates from renewable primary sources which, compared to fossil sources, are more susceptible to the effects of climate change. Therefore, it is expected that, over time, these sources present variations in energy production due to changes in the behavior of natural phenomena - which also influence the performance of electric power transmission systems.

The risks associated with climate change are:

- Changes in hydrological regimes and increased frequency of extreme events due to climate change;
- Fines and penalties applied by regulatory/ supervisory bodies;
- Damage to the image;
- Financial losses;
- Additional costs with compensatory measures.

The opportunities related to the theme are:

- Inclusion of environmental goals in the Business and Management Plan (PNG) 2018-2022;
- Integration between Corporate Strategic Planning and Environmental Planning;
- Analysis of vulnerabilities related to climate change with further treatment, when possible or necessary;
- Identification of service providers or suppliers located in areas susceptible to the effects of climate change and / or that act in disagreement with the legislation and norms in force on the subject;
- Follow-up of the National Policy on Climate Change and other regulations, such as the carbon credit market.

With the objective of minimizing the impacts of climate change on the planet (and reducing the impacts of these changes on its business), Eletrobras Eletrosul has dealt with this issue in a strategic way. An example of this is the formalization of the company's Environmental Policy and its disclosure to interested parties. In addition, the inclusion of climate change-related goals in strategic planning is further evidence that, at Eletrobras Eletrosul, the issue is taken very seriously.

ANNEXES
(G4-48)

Eletrobras Eletrosul presents its Sustainability Report 2017, evaluated and formally approved by the Board of Executive Officers and by the Board of Directors (highest governance body of the company).

SPECIFIC PURPOSE SOCIETIES (SPES) (G4-17)

SPE's were not included in all the variables of the report, but included the economic-financial results (Consolidated)

SPE	CNPJ	PARTICIPATION ELETROBRAS ELETROSUL*
Costa Oeste Transmissora de Energia S.A.	14.507.191/0001-97	49.00%
ESBR Participações S.A.	10.338.314/0001-52	20.00%
Empresa Transmissora do Alto Uruguai S.A.	05.063.249/0001-60	27.42%
Fronteira Oeste Transmissora de Energia S.A.	19.438.891/0001-90	51.00%
Livramento Holding	14.610.209/0001-81	78.00%
Marumbi Transmissora de Energia S.A.	14.820.785/0001-53	20.00%
Paraíso Transmissora de Energia S.A.	21.868.254/0001-04	100.00%
Teles Pires Participações S.A.	13.212.219/0001-04	24.72%
Transmissora Sul Brasileira de Energia S.A.	14.820.905/0001-12	80.00%
Transmissora Sul Litorânea de Energia S.A.	16.383.969/0001-29	51.00%
Uirapuru Transmissora de Energia S.A.	07.003.112/0001-45	75.00%

* Participation of Eletrobras Eletrosul in SPE's on 12/31/2017.

PARTICIPATORY ACTION (G4-16)

Entities with a strategic role to which Eletrobras Eletrosul participated in 2017:

- Brazilian Association of Electric Energy Generating Companies (ABRAGE);
- Brazilian Association of Large Electric Power Transmission Companies (ABRATE);
- Brazilian Committee of the Regional Energy Integration Commission (BRACIER);
- Center for the Memory of Electricity in Brazil;
- Electric Energy Research Center (CEPEL);
- Brazilian National Committee for the Production and Transmission of Electric Energy (CIGRÉ Brazil);
- Foundation Business Management Committee (COGE Foundation);
- UTC Association (Utilities Telecom Council Latin America) - UTCAL;
- Brazilian Association of Risk Management (ABGR);
- National Union of Self-Management Institutions in Health Plan (UNIDAS Nacional);
- Brazilian Association of Electric Energy Concessionaires (ABCE);
- Brazilian Wind Energy Association (ABEEólica);
- Brazilian Association of Maintenance (ABRAMAN);
- Brazilian Association of Human Resources (ABRH);
- Commercial and Industrial Association of Florianópolis (ACIF);
- Association of Electric Power Producers of Santa Catarina (APESC);
- Electric Energy Trading Chamber (CCEE);
- National Forum on Ethics Management in State Companies;
- National Electric System Operator (ONS).

DEVELOPMENTS / AREA OF COVERAGE (G4-EN11)

Transmition Line	Biome	Type of Area	Denomination of Area	Importance of Area	Afected Area (ha)	Afected Area (Km²)
Abdon Batista - Biguaçu		APCB	Alfredo Wagner	△	284.39529	2.84395
Abdon Batista - Biguaçu		APCB	Serra do Pitoco	△	74.61592	0.74616
Abdon Batista - Biguaçu		APCB	Vales do Rio Tijucas - Biguaçu	◭	523.12443	5.23124
Abdon Batista - Campos Novos		APCB	Corredor do Rio Uruguai (Leste)	△	0.49479	0.00495
Abdon Batista - Campos Novos		APCB	Entorno do Parque Estadual Rio Canoas	◭	24.60824	0.24608
Abdon Batista - Campos Novos		APCB	PE Rio Canoas	▲	0.01988	0.00020
Água Clara - UH São Domingos		APCB	Rio Verde (MS)	◭	34.92767	0.34928
Anastácio - Dourados		APCB	Anastácio - Nioaque	▲	513.05989	5.13060
Anastácio - Dourados		APCB	Corredor Serra do Maracaju	▲	195.61388	1.95614
Anastácio - Dourados		APCB	Santa Maria - Brilhante	▲	672.81385	6.72814
Araquari Hyosung - Joinville SC		APCB	Baia de Babitonga e Itapoá	▲	14.32948	0.14329
Areia - Bateias		APCB	Área de Proteção Ambiental (APA) da Escarpa Devoniana	◭	281.36517	2.81365
Areia - Bateias		APCB	Área de Proteção Ambiental (APA) da Serra da Esperança	◭	266.76236	2.66762
Areia - Bateias		APCB	Corredor Rio das Almas	◭	64.81103	0.64811
Areia - Bateias		APCB	Rio Iratim	▲	73.49168	0.73492
Areia - Bateias		APCB	São Mateus	▲	74.49716	0.74497
Areia - Campos Novos		APCB	Campos de Água Doce	▲	322.37174	3.22372
Areia - Campos Novos		APCB	entorno do Refúgio de Palmas	▲	231.88840	2.31888
Areia - Campos Novos		APCB	RVS Campos de Palmas	▲	109.79146	1.09791
Areia - Curitiba		APCB	Área de Proteção Ambiental (APA) da Escarpa Devoniana	◭	87.49343	0.87493
Areia - Curitiba		APCB	Área de Proteção Ambiental (APA) da Serra da Esperança	◭	238.79190	2.38792
Areia - Curitiba		APCB	Rio Iratim	▲	70.40859	0.70409
Areia - Curitiba		APCB	São Mateus	▲	408.59573	4.08596
Areia - Curitiba		APCB	Várzea do Rio Iguaçú	◭	20.36062	0.20361

Biome: Steppe Atlantic Forest Pampa

Importance of Area: Extremely High Very high High Insufficiently Known

Transmition Line	Biome	Type of Area	Denomination of Area	Importance of Area	Afected Area (ha)	Afected Area (Km²)
Areia - Ivaiporã		APCB	Cavernosa		68.53737	0.68537
Areia - Ivaiporã		APCB	Rio Iratim		76.75951	0.76760
Areia - Ivaiporã		APCB	Rio Pinhão		60.52307	0.60523
Areia - Ivaiporã		APCB	Turvo		18.02206	0.18022
Areia - Ponta Grossa Norte		APCB	Área de Proteção Ambiental (APA) da Serra da Esperança		228.91227	2.28912
Areia - Ponta Grossa Norte		APCB	FLONA Irati		18.41836	0.18418
Areia - Ponta Grossa Norte		APCB	REBIO das Araucárias		43.60851	0.43609
Areia - Ponta Grossa Norte		APCB	Rio Iratim		62.83682	0.62837
Areia - Ponta Grossa Norte		APCB	Rio Pinhão		157.83827	1.57838
Areia - Ponta Grossa Norte		APCB	Várzeas do Tibagi-Ibituvão		126.86017	1.26860
Areia - Salto Osório 1		APCB	Corredor Rio Iguaçu - Rio das Cobras		32.01741	0.32017
Areia - Salto Osório 1		APCB	Rio Iratim		317.47253	3.17473
Areia - Salto Osório 1		APCB	TI Mangueirinha		44.62022	0.44620
Areia - Salto Osório 2		APCB	Corredor Rio Iguaçu - Rio das Cobras		33.44622	0.33446
Areia - Salto Osório 2		APCB	Rio Iratim		317.40958	3.17410
Areia - Salto Osório 2		APCB	TI Mangueirinha		44.92952	0.44930
Areia - São Mateus do Sul		APCB	Área de Proteção Ambiental (APA) da Serra da Esperança		183.82967	1.83830
Areia - São Mateus do Sul		APCB	Rio Iratim		60.18937	0.60189
Areia - São Mateus do Sul		APCB	São Mateus		102.36168	1.02362
Areia - Segredo		APCB	Foz do Rio Jordão		232.97635	2.32976
Areia - Segredo		APCB	Rio Iratim		204.56653	2.04567
Assis - Londrina		APCB	Narandiba- Paranapanema		112.36350	1.12364
Atlântida2 - Gravataí3		APCB	Área de Proteção Ambiental (APA) do Banhado Grande		376.69176	3.76692
Atlântida2 - Gravataí3		APCB	Áreas úmidas ao norte de Tramandaí		221.57591	2.21576
Atlântida2 - Gravataí3		APCB	Região da Área de Proteção Ambiental (APA) Osório/Caraá		49.05264	0.49053
Atlântida2 - Gravataí3		APCB	Remanescentes de Floresta Estacional		13.31134	0.13311
Atlântida2 - Osório2		APCB	Áreas úmidas ao norte de Tramandaí		221.46051	2.21461
Atlântida2 - Osório2		APCB	Remanescentes de Floresta Estacional		4.38076	0.04381

Biome: Steppe Atlantic Forest Pampa

Importance of Area: Extremely High Very high High Insufficiently Known

Transmition Line	Biome	Type of Area	Denomination of Area	Importance of Area	Afected Area (ha)	Afected Area (Km²)
Atlântida2 - Gravataí3		APCB	Região da Área de Proteção Ambiental (APA) Osório/Caraá	▲	49.05264	0.49053
Atlântida2 - Gravataí3	Pampa	APCB	Remanescentes de Floresta Estacional	△	13.31134	0.13311
Atlântida2 - Osório2		APCB	Áreas úmidas ao norte de Tramandaí	◭	221.46051	2.21461
Atlântida2 - Osório2		APCB	Remanescentes de Floresta Estacional	△	4.38076	0.04381
Biguaçu - Blumenau 1		APCB	Doutor Pedrinho - Jaraguá	◭	10.80278	0.10803
Biguaçu - Blumenau 1		APCB	Nascentes do Rio Luiz Alves	▲	258.23092	2.58231
Biguaçu - Blumenau 1		APCB	Serra das Bateias	◭	36.01244	0.36012
Biguaçu - Blumenau 1		APCB	Vale do Rio Camburiú	◭	226.76406	2.26764
Biguaçu - Blumenau 1		APCB	Vales do Rio Tijucas - Biguaçu	◭	292.13766	2.92138
Biguaçu - Desterro		APCB	Corredor PAREST Serra do Tabuleiro	△	49.93874	0.49939
Biguaçu - Desterro		APCB	Maciço Cristalino Sull da Ilha de SC	▲	73.27019	0.73270
Biguaçu - Desterro		APCB	PE da Serra do Tabuleiro	▲	53.47518	0.53475
Biguaçu - Desterro		APCB	Vales do Rio Tijucas - Biguaçu	◭	149.80643	1.49806
Biguaçu - Florianópolis 1		APCB	Vales do Rio Tijucas - Biguaçu	◭	55.52532	0.55525
Biguaçu - Florianópolis 2		APCB	Vales do Rio Tijucas - Biguaçu	◭	55.52532	0.55525
Biguaçu - Gaspar2		APCB	Doutor Pedrinho - Jaraguá	◭	61.60090	0.61601
Biguaçu - Gaspar2		APCB	PN da Serra do Itajaí	▲	10.98181	0.10982
Biguaçu - Gaspar2	Atlantic Forest	APCB	Serra das Bateias	◭	259.23024	2.59230
Biguaçu - Gaspar2		APCB	Vale do Rio Camburiú	◭	35.49272	0.35493
Biguaçu - Gaspar2		APCB	Vales do Rio Tijucas - Biguaçu	◭	661.85096	6.61851
Biguaçu - Itajaí Fazenda		APCB	Vale do Rio Camburiú	◭	157.58744	1.57587
Biguaçu - Itajaí Fazenda		APCB	Vales do Rio Tijucas - Biguaçu	◭	80.14454	0.80145
Biguaçu - Jorge Lacerda B		APCB	Alfredo Wagner	△	112.35434	1.12354
Biguaçu - Jorge Lacerda B		APCB	Anitápolis	◭	336.76388	3.36764
Biguaçu - Jorge Lacerda B		APCB	Anitápolis II	◭	59.85512	0.59855
Biguaçu - Jorge Lacerda B		APCB	PE da Serra do Tabuleiro	▲	70.83987	0.70840
Biguaçu - Jorge Lacerda B		APCB	Vales do Rio Tijucas - Biguaçu	◭	395.49452	3.95495
Biguaçu - Palhoça		APCB	Vales do Rio Tijucas - Biguaçu	◭	156.70913	1.56709
Biguaçu - Tijucas		APCB	Vales do Rio Tijucas - Biguaçu	◭	80.14454	0.80145
Blumenau - Curitiba		APCB	Corredor Rio Negro/Rio da Várzea	△	62.68891	0.62689
Blumenau - Curitiba		APCB	Doutor Pedrinho - Jaraguá	◭	658.89510	6.58895

Biome: Steppe Atlantic Forest Pampa

Importance of Area: ▲ Extremely High ◭ Very high △ High — Insufficiently Known

Transmition Line	Biome	Type of Area	Denomination of Area	Importance of Area	Afected Area (ha)	Afected Area (Km²)
Blumenau - Curitiba		APCB	Nascentes do Rio Luiz Alves	▲	70.83987	0.70840
Blumenau - Curitiba		APCB	Serra Dona Francisca	▲	395.49452	3.95495
Blumenau - Curitiba		APCB	Várzea do Rio Iguaçú	◭	156.70913	1.56709
Blumenau - Gaspar		APCB	Doutor Pedrinho - Jaraguá	◭	80.14454	0.80145
Blumenau - Gaspar		APCB	Serra das Bateias	◭	62.68891	0.62689
Blumenau - Gaspar2 1		APCB	Doutor Pedrinho - Jaraguá	◭	658.89510	6.58895
Blumenau - Gaspar2 1		APCB	Nascentes do Rio Luiz Alves	▲	4.07216	0.04072
Blumenau - Gaspar2 2		APCB	Doutor Pedrinho - Jaraguá	◭	118.57774	1.18578
Blumenau - Gaspar2 2		APCB	Nascentes do Rio Luiz Alves	▲	19.76218	0.19762
Blumenau - Ilhota		APCB	Doutor Pedrinho - Jaraguá	◭	90.89759	0.90898
Blumenau - Ilhota		APCB	Serra das Bateias	◭	49.53500	0.49535
Blumenau - Itajaí 1		APCB	Doutor Pedrinho - Jaraguá	◭	54.09419	0.54094
Blumenau - Itajaí 1		APCB	Nascentes do Rio Luiz Alves	▲	97.72822	0.97728
Blumenau - Itajaí 2		APCB	Doutor Pedrinho - Jaraguá	◭	53.33769	0.53338
Blumenau - Itajaí 2		APCB	Nascentes do Rio Luiz Alves	▲	98.64001	0.98640
Blumenau - Joinville		APCB	Doutor Pedrinho - Jaraguá	◭	90.90127	0.90901
Blumenau - Joinville		APCB	Nascentes do Rio Luiz Alves	▲	53.55285	0.53553
Blumenau - Joinville		APCB	Serra Dona Francisca	▲	10.35775	0.10358
Blumenau - Joinville		APCB	Sudoeste de Joiville	—	196.98924	1.96989
Blumenau - Joinville Norte		APCB	Doutor Pedrinho - Jaraguá	◭	10.40558	0.10406
Blumenau - Joinville Norte		APCB	Nascentes do Rio Luiz Alves	▲	196.98924	1.96989
Blumenau - Joinville Norte		APCB	Serra Dona Francisca	▲	32.26593	0.32266
Blumenau - Joinville Norte		APCB	Sudoeste de Joiville	—	203.57279	2.03573
Camboriú Morro do Boi - Tijucas		APCB	Vale do Rio Camburiú	◭	35.65858	0.35659
Campo Mourão - Apucarana		APCB	Nascente do Pirapó	△	42.87525	0.42875
Campo Mourão - Apucarana		APCB	Rio Keller	△	32.20753	0.32208
Campo Mourão - Apucarana		APCB	Vila Rica do Espírito Santo	◭	127.85500	1.27855
Campo Mourão - Salto Osório 1		APCB	Corredor Rio Iguaçu - Rio das Cobras	▲	36.84559	0.36846
Campo Mourão - Salto Osório 2		APCB	Corredor Rio Iguaçu - Rio das Cobras	▲	36.40430	0.36404
Campos Novos - Machadinho 1		APCB	Corredor do Rio Uruguai (Leste)	△	133.85944	1.33859
Campos Novos - Nova Santa Rita		APCB	Corredor do Rio Uruguai (Leste)	△	152.71502	1.52715

Biome: Steppe Atlantic Forest Pampa

Importance of Area: ▲ Extremely High ◭ Very high △ High — Insufficiently Known

Transmition Line	Biome	Type of Area	Denomination of Area	Importance of Area	Afected Area (ha)	Afected Area (Km²)
Campos Novos - Nova Santa Rita		APCB	Muçum		173.96749	1.73967
Campos Novos - Nova Santa Rita		APCB	Vale do Caí		167.03084	1.67031
Campos Novos - Nova Santa Rita		APCB	Vale dos Sinos		100.73783	1.00738
Candiota - CO Melo		APCB	Campos de Candiota e Hulha Negra		31.24041	0.31240
Candiota - CO Melo		APCB	Ponche Verde		110.99137	1.10991
Candiota - CO Melo		APCB	Várzeas do Alto Jaguarão		67.24034	0.67240
Candiota - Presidente Médici		APCB	Campos de Candiota e Hulha Negra		28.01767	0.28018
Canoinhas - São Mateus do Sul		APCB	São Mateus		137.55135	1.37551
Cascavel Oeste - Guaíra		APCB	Entorno da margem esq. do reservatorio de Itaipiu		7.03461	0.07035
Caxias - Campos Novos		APCB	Corredor do Rio Uruguai (Leste)		152.96577	1.52966
Caxias - Campos Novos		APCB	Muçum		101.35960	1.01360
Caxias - Campos Novos		APCB	Vale do Caí		76.57021	0.76570
Caxias - Caxias5		APCB	Vale do Caí		54.39944	0.54399
Caxias - Gravataí		APCB	Contrafontes do Ferrabraz		15.29115	0.15291
Caxias - Gravataí		APCB	Vale do Caí		271.61293	2.71613
Caxias - Itá		APCB	Corredor do Rio Uruguai (Leste)		46.40122	0.46401
Caxias - Itá		APCB	Muçum		340.90052	3.40901
Caxias - Itá		APCB	Rio Telha		63.16471	0.63165
Caxias - Itá		APCB	Vale do Caí		93.37805	0.93378
Cerro Chato - Livramento2		APCB	Área de Proteção Ambiental (APA) do Ibirapuitã		96.91752	0.96918
Cerro Chato - Livramento2		APCB	Quaraí		30.85796	0.30858
Cerro Chato - Livramento2		APCB	Upamaroti		122.26974	1.22270
Conversora Uruguaiana - Passo de Los Libres		APCB	Uruguaiana		4.60446	0.04604
Curitiba - Bateias		APCB	Área de Proteção Ambiental (APA) do Rio Passauna		89.99761	0.89998
Curitiba - Bateias		APCB	Área de Proteção Ambiental (APA) do Rio Verde		159.72873	1.59729
Curitiba - Joinville		APCB	Área de Proteção Ambiental (APA) de Guaratuba		342.91553	3.42916
Curitiba - Joinville		APCB	Baia de Babitonga e Itapoá		60.22372	0.60224

Biome: Steppe Atlantic Forest Pampa

Importance of Area: Extremely High Very high High Insufficiently Known

Transmition Line	Biome	Type of Area	Denomination of Area	Importance of Area	Afected Area (ha)	Afected Area (Km²)
Curitiba - Joinville		APCB	Serra Dona Francisca	▲	128.70525	1.28705
Curitiba - Joinville		APCB	Várzea do Rio Iguaçú	◭	11.62559	0.11626
Curitiba - Joinville Norte		APCB	Área de Proteção Ambiental (APA) de Guaratuba	▲	343.18966	3.43190
Curitiba - Joinville Norte		APCB	Baia de Babitonga e Itapoá	▲	59.39673	0.59397
Curitiba - Joinville Norte		APCB	Serra Dona Francisca	▲	124.63141	1.24631
Curitiba - Joinville Norte		APCB	Várzea do Rio Iguaçú	◭	11.84645	0.11846
Curitiba - São Mateus do Sul		APCB	Área de Proteção Ambiental (APA) da Escarpa Devoniana	◭	67.27908	0.67279
Curitiba - São Mateus do Sul		APCB	São Mateus	▲	211.31327	2.11313
Curitiba - São Mateus do Sul		APCB	Várzea do Rio Iguaçú	◭	15.68509	0.15685
Dourados - Guaíra		APCB	Área de Proteção Ambiental (APA) Ilhas e Várzeas do Rio Paraná	▲	41.11599	0.41116
Dourados - Guaíra		APCB	Entorno da margem esq. do reservatorio de Itaipiu	◭	65.95984	0.65960
Dourados - Guaíra		APCB	Rio Naracaí (MS)	◭	177.29962	1.77300
Dourados - Guaíra		APCB	TI Porto Lindo	—	37.72758	0.37728
Eldorado - Guaíra		APCB	Área de Proteção Ambiental (APA) Ilhas e Várzeas do Rio Paraná	▲	8.40325	0.08403
Eldorado - Guaíra		APCB	Entorno da margem esq. do reservatorio de Itaipiu	◭	39.48924	0.39489
Farroupilha - Monte Claro 1		APCB	Muçum	◭	61.14230	0.61142
Farroupilha - Monte Claro 2		APCB	Muçum	◭	61.94041	0.61940
Forquilhinhas - Siderópolis		APCB	Escarpas da Serra Geral	▲	40.03593	0.40036
Foz do Chapecó - Guarita		APCB	Ametista do Sul	◭	20.03894	0.20039
Foz do Chapecó - Guarita		APCB	Corredor do Rio Uruguai (Oeste)	▲	45.03338	0.45033
Foz do Chapecó - Guarita		APCB	Rio Fortaleza	▲	73.08032	0.73080
Foz do Chapecó - Xanxerê 1		APCB	Corredor Chapecó	◭	142.17490	1.42175
Foz do Chapecó - Xanxerê 1		APCB	Corredor do Rio Uruguai (Oeste)	▲	22.36351	0.22364
Foz do Chapecó - Xanxerê 1		APCB	Entorno Flona Chapecó	△	31.04371	0.31044
Foz do Chapecó - Xanxerê 2		APCB	Corredor Chapecó	◭	142.17490	1.42175
Foz do Chapecó - Xanxerê 2		APCB	Corredor do Rio Uruguai (Oeste)	▲	22.33473	0.22335
Foz do Chapecó - Xanxerê 2		APCB	Entorno Flona Chapecó	△	31.04371	0.31044

Biome: Steppe Atlantic Forest Pampa

Importance of Area: ▲ Extremely High ◭ Very high △ High — Insufficiently Known

Transmition Line	Biome	Type of Area	Denomination of Area	Importance of Area	Afected Area (ha)	Afected Area (Km²)
Garibaldi1 - Monte Claro		APCB	Muçum		87.80798	0.87808
Gaspar2 - Palhoça		APCB	Doutor Pedrinho - Jaraguá		66.34182	0.66342
Gaspar2 - Palhoça		APCB	PN da Serra do Itajaí		10.56548	0.10565
Gaspar2 - Palhoça		APCB	Serra das Bateias		259.60138	2.59601
Gaspar2 - Palhoça		APCB	Vale do Rio Camburiú		36.27457	0.36275
Gaspar2 - Palhoça		APCB	Vales do Rio Tijucas - Biguaçu		838.96797	8.38968
Ilhota - Gaspar		APCB	Serra das Bateias		4.01785	0.04018
Imbituba - Palhoça Pinheira		APCB	Ecótono do cabo de Sta Marta		84.80935	0.84809
Imbituba - Palhoça Pinheira		APCB	Mirim		12.78400	0.12784
Imbituba - Palhoça Pinheira		APCB	Passarim		79.86879	0.79869
Imbituba - Palhoça Pinheira		APCB	PE da Serra do Tabuleiro		33.10193	0.33102
Itá - Machadinho		APCB	Corredor do Rio Uruguai (Leste)		143.82904	1.43829
Itá - Machadinho		APCB	Fragmentos Concórdia		84.24883	0.84249
Itá - Machadinho		APCB	PE Fritz Plaumann		3.51720	0.03517
Itajaí - Camboriú Morro do Boi		APCB	Vale do Rio Camburiú		71.45682	0.71457
Itajaí - Itajaí Fazenda		APCB	Vale do Rio Camburiú		26.81019	0.26810
Ivaiporã - Cascavel Oeste		APCB	Rio Cantu		49.31474	0.49315
Ivaiporã - Salto Santiago 1		APCB	Represa Osório Santiago		235.80069	2.35801
Ivaiporã - Salto Santiago 2		APCB	Represa Osório Santiago		176.77227	1.76772
Ivaiporã - Londrina 1		APCB	Corredor Mata do Godoy - Rio Tibagi		4.56670	0.04567
Ivaiporã - Londrina 2		APCB	Corredor Mata do Godoy - Rio Tibagi		4.88032	0.04880
Ivinhema - Ivinhema2		APCB	Área de Proteção Ambiental (APA) Ilhas e Várzeas do Rio Paraná		107.14363	1.07144
Ivinhema2 - Nova Andradina		APCB	Área de Proteção Ambiental (APA) Ilhas e Várzeas do Rio Paraná		138.50523	1.38505
Ivinhema2 - Nova Andradina		APCB	Ribeirão Laranjalzinho/Piravevê (MS)		44.25235	0.44252
Joinville - Joinville GM		APCB	Sudoeste de Joiville		21.95955	0.21960
Joinville - Joinville Norte		APCB	Serra Dona Francisca		26.85416	0.26854
Joinville - Joinville Santa Catarina		APCB	Sudoeste de Joiville		21.95955	0.21960
Joinville - Vega do Sul 1		APCB	Baia de Babitonga e Itapoá		291.82148	2.91821
Gaspar2 - Palhoça		APCB	Vale do Rio Camburiú		36.27457	0.36275

Biome: Steppe Atlantic Forest Pampa

Importance of Area: Extremely High Very high High Insufficiently Known

Transmition Line	Biome	Type of Area	Denomination of Area	Importance of Area	Afected Area (ha)	Afected Area (Km²)
Gaspar2 - Palhoça		APCB	Vales do Rio Tijucas - Biguaçu		838.96797	8.38968
Ilhota - Gaspar		APCB	Serra das Bateias		4.01785	0.04018
Imbituba - Palhoça Pinheira		APCB	Ecótono do cabo de Sta Marta		84.80935	0.84809
Imbituba - Palhoça Pinheira		APCB	Mirim		12.78400	0.12784
Imbituba - Palhoça Pinheira		APCB	Passarim		79.86879	0.79869
Imbituba - Palhoça Pinheira		APCB	PE da Serra do Tabuleiro		33.10193	0.33102
Itá - Machadinho		APCB	Corredor do Rio Uruguai (Leste)		143.82904	1.43829
Itá - Machadinho		APCB	Fragmentos Concórdia		84.24883	0.84249
Itá - Machadinho		APCB	PE Fritz Plaumann		3.51720	0.03517
Itajaí - Camboriú Morro do Boi		APCB	Vale do Rio Camburiú		71.45682	0.71457
Itajaí - Itajaí Fazenda		APCB	Vale do Rio Camburiú		26.81019	0.26810
Ivaiporã - Cascavel Oeste		APCB	Rio Cantu		49.31474	0.49315
Ivaiporã - Salto Santiago 1		APCB	Represa Osório Santiago		235.80069	2.35801
Ivaiporã - Salto Santiago 2		APCB	Represa Osório Santiago		176.77227	1.76772
Ivaiporã - Londrina 1		APCB	Corredor Mata do Godoy - Rio Tibagi		4.56670	0.04567
Ivaiporã - Londrina 2		APCB	Corredor Mata do Godoy - Rio Tibagi		4.88032	0.04880
Ivinhema - Ivinhema2		APCB	Área de Proteção Ambiental (APA) Ilhas e Várzeas do Rio Paraná		107.14363	1.07144
Ivinhema2 - Nova Andradina		APCB	Área de Proteção Ambiental (APA) Ilhas e Várzeas do Rio Paraná		138.50523	1.38505
Ivinhema2 - Nova Andradina		APCB	Ribeirão Laranjalzinho/Piravevê (MS)		44.25235	0.44252
Joinville - Joinville GM		APCB	Sudoeste de Joiville		21.95955	0.21960
Joinville - Joinville Norte		APCB	Serra Dona Francisca		26.85416	0.26854
Joinville - Joinville Santa Catarina		APCB	Sudoeste de Joiville		21.95955	0.21960
Joinville - Vega do Sul 1		APCB	Baia de Babitonga e Itapoá		291.82148	2.91821
Joinville - Vega do Sul 1		APCB	Sudoeste de Joiville		90.10104	0.90101
Joinville - Vega do Sul 2		APCB	Baia de Babitonga e Itapoá		291.83217	2.91832
Joinville - Vega do Sul 2		APCB	Sudoeste de Joiville		90.10104	0.90101
Joinville Santa Catarina - Piçarras		APCB	Baia de Babitonga e Itapoá		14.32948	0.14329
Jorge Lacerda A - Imbituba		APCB	Ecótono do cabo de Sta Marta		31.11681	0.31117
Jorge Lacerda A - Imbituba		APCB	Mirim		32.13083	0.32131

Biome: Steppe Atlantic Forest Pampa

Importance of Area: Extremely High Very high High Insufficiently Known

Transmition Line	Biome	Type of Area	Denomination of Area	Importance of Area	Afected Area (ha)	Afected Area (Km²)
Jorge Lacerda A - Imbituba		APCB	Passarim	△	15.75186	0.15752
Jorge Lacerda A - Palhoça		APCB	Corredor PAREST Serra do Tabuleiro	△	19.87705	0.19877
Jorge Lacerda A - Palhoça		APCB	Ecótono do cabo de Sta Marta	▲	75.00382	0.75004
Jorge Lacerda A - Palhoça		APCB	Mirim	◭	19.34683	0.19347
Jorge Lacerda A - Palhoça		APCB	Passarim	△	121.46635	1.21466
Jorge Lacerda A - Palhoça		APCB	PE da Serra do Tabuleiro	▲	63.73232	0.63732
Jorge Lacerda A - Palhoça		APCB	TI Morro dos Cavalos	△	26.12450	0.26124
Jorge Lacerda B - Palhoça		APCB	Alfredo Wagner	△	112.17367	1.12174
Jorge Lacerda B - Palhoça		APCB	Anitápolis	◭	337.10821	3.37108
Jorge Lacerda B - Palhoça		APCB	Anitápolis II	◭	59.08259	0.59083
Jorge Lacerda B - Palhoça		APCB	PE da Serra do Tabuleiro	▲	71.15760	0.71158
Jorge Lacerda B - Palhoça		APCB	Vales do Rio Tijucas - Biguaçu	◭	298.11139	2.98111
Jorge Lacerda B - Siderópolis 1		APCB	Escarpas da Serra Geral	▲	215.22243	2.15222
Jorge Lacerda B - Siderópolis 2		APCB	Escarpas da Serra Geral	▲	212.16248	2.12162
Jupiá - Mimoso 2		APCB	Rio Verde (MS)	◭	141.95829	1.41958
Jupiá - Mimoso 2		APCB	Várzeas do Rio Paraná	▲	36.99337	0.36993
Jupiá - Mimoso 3		APCB	Rio Verde (MS)	◭	142.56780	1.42568
Jupiá - Mimoso 3		APCB	Várzeas do Rio Paraná	▲	39.98645	0.39986
Jupiá - Mimoso 4		APCB	Rio Verde (MS)	◭	142.56780	1.42568
Jupiá - Mimoso 4		APCB	Várzeas do Rio Paraná	▲	39.97360	0.39974
Lajeado Grande - Caxias5		APCB	Campos de São Francisco	◭	71.70147	0.71701
Lajeado Grande - Caxias5		APCB	Nascente do Antas	◭	105.20421	1.05204
Lajeado Grande - Forquilhinhas		APCB	Campos de São Francisco	◭	112.00736	1.12007
Lajeado Grande - Forquilhinhas		APCB	Escarpas da Serra Geral	▲	267.44494	2.67445
Lajeado Grande - Forquilhinhas		APCB	Nascente do Antas	◭	494.97465	4.94975
Livramento2 - Conversora Rivera		APCB	Upamaroti	◭	17.60365	0.17604
Londrina - Apucarana		APCB	Corredor Mata do Godoy - Rio Tibagi	◭	6.49037	0.06490
Londrina - Assis 1		APCB	Corredor Mata do Godoy - Rio Tibagi	◭	6.58557	0.06586
Londrina - Assis 1		APCB	Narandiba- Paranapanema	◭	195.87542	1.95875
Londrina - Londrina Copel		APCB	Corredor Mata do Godoy - Rio Tibagi	◭	6.77970	0.06780
Londrina - Maringá		APCB	Corredor Mata do Godoy - Rio Tibagi	◭	6.58430	0.06584

Biome: Steppe Atlantic Forest Pampa

Importance of Area: Extremely High Very high High Insufficiently Known

Transmition Line	Biome	Type of Area	Denomination of Area	Importance of Area	Afected Area (ha)	Afected Area (Km²)
Monte Claro - Nova Prata2 1		APCB	Muçum		38.60815	0.38608
Monte Claro - Nova Prata2 2		APCB	Muçum		37.87555	0.37876
Nova Andradina - Porto Primavera		APCB	Área de Proteção Ambiental (APA) Ilhas e Várzeas do Rio Paraná		235.09514	2.35095
Nova Santa Rita - Itá		APCB	Brochier e Maratá		166.49441	1.66494
Nova Santa Rita - Itá		APCB	Corredor do Rio Uruguai (Leste)		41.37159	0.41372
Nova Santa Rita - Itá		APCB	Muçum		361.52127	3.61521
Nova Santa Rita - Itá		APCB	Westfalia		204.52589	2.04526
Palhoça - Palhoça Pinheira		APCB	Corredor PAREST Serra do Tabuleiro		19.87705	0.19877
Palhoça - Palhoça Pinheira		APCB	Passarim		25.84569	0.25846
Palhoça - Palhoça Pinheira		APCB	PE da Serra do Tabuleiro		76.77023	0.76770
Palhoça - Palhoça Pinheira		APCB	TI Morro dos Cavalos		26.12450	0.26124
Passo Fundo - Xanxerê 1		APCB	TI Aldeia Kondá		59.81498	0.59815
Passo Fundo - Xanxerê 1		APCB	TI Toldo Chimbangue II		4.14502	0.04145
Passo Fundo - Xanxerê 2		APCB	TI Aldeia Kondá		59.74526	0.59745
Passo Fundo - Xanxerê 2		APCB	TI Toldo Chimbangue II		3.87483	0.03875
Presidente Médici - Santa Cruz1		APCB	Arroio dos Lanceiros		44.67761	0.44678
Presidente Médici - Santa Cruz1		APCB	Campos de Candiota e Hulha Negra		176.27779	1.76278
Presidente Médici - Santa Cruz1		APCB	Campos do Pantano Grande		212.83955	2.12840
Presidente Médici - Santa Cruz1		APCB	Encruzilhada		180.47180	1.80472
Presidente Médici - Santa Cruz1		APCB	Guaritas		567.51227	5.67512
Presidente Médici - Santa Cruz1		APCB	Palmas		402.03549	4.02035
Roque Gonzales - Usina Passo São João 1		APCB	Corredor Turvo-Ijuí		4.50295	0.04503
Roque Gonzales - Usina Passo São João 2		APCB	Corredor Turvo-Ijuí		4.32603	0.04326
Salto Osório - Pato Branco		APCB	Corredor Rio Iguaçu - Rio das Cobras		29.42579	0.29426
Salto Osório - Salto Santiago		APCB	Corredor Rio Iguaçu - Rio das Cobras		29.57206	0.29572
Salto Osório - Salto Santiago		APCB	Represa Osório Santiago		5.36843	0.05368
Salto Osório - UH Salto Osório 1		APCB	Corredor Rio Iguaçu - Rio das Cobras		3.50402	0.03504
Salto Osório - UH Salto Osório 2		APCB	Corredor Rio Iguaçu - Rio das Cobras		3.54672	0.03547
Salto Osório - UH Salto Osório 3		APCB	Corredor Rio Iguaçu - Rio das Cobras		3.61726	0.03617

Biome: Steppe Atlantic Forest Pampa

Importance of Area: Extremely High Very high High Insufficiently Known

Transmition Line	Biome	Type of Area	Denomination of Area	Importance of Area	Afected Area (ha)	Afected Area (Km²)
Salto Osório - UH Salto Osório 4		APCB	Corredor Rio Iguaçu - Rio das Cobras		3.67806	0.03678
Salto Osório - UH Salto Osório 5		APCB	Corredor Rio Iguaçu - Rio das Cobras		3.72778	0.03728
Salto Osório - UH Salto Osório 6		APCB	Corredor Rio Iguaçu - Rio das Cobras		3.80496	0.03805
Salto Osório - Xanxerê		APCB	Corredor Chapecó		106.37624	1.06376
Salto Osório - Xanxerê		APCB	Corredor Rio Iguaçu - Rio das Cobras		29.42913	0.29429
Salto Osório - Xanxerê		APCB	TI Xapecó		90.62430	0.90624
Salto Santiago - Itá		APCB	Corredor Chapecó		38.67419	0.38674
Salto Santiago - Itá		APCB	Corredor do Rio Uruguai (Leste)		95.85158	0.95852
Salto Santiago - Itá		APCB	Corredor Rio Iguaçu - Rio das Cobras		35.25170	0.35252
Salto Santiago - Itá		APCB	Represa Osório Santiago		17.49214	0.17492
Salto Santiago - Segredo		APCB	Corredor Mangueirinha - Rio Jordão		82.86190	0.82862
Salto Santiago - Segredo		APCB	Foz do Rio Jordão		61.87512	0.61875
Salto Santiago - Segredo		APCB	Represa Osório Santiago		21.80981	0.21810
Salto Santiago - Segredo		APCB	TI Mangueirinha		54.48011	0.54480
Salto Santiago - UH Salto Santiago 1		APCB	Represa Osório Santiago		7.09089	0.07091
Salto Santiago - UH Salto Santiago 2		APCB	Represa Osório Santiago		7.34370	0.07344
Salto Santiago - UH Salto Santiago 3		APCB	Represa Osório Santiago		10.32180	0.10322
UH Itá - Itá 1		APCB	Corredor do Rio Uruguai (Leste)		26.44629	0.26446
UH Itá - Itá 2		APCB	Corredor do Rio Uruguai (Leste)		27.97016	0.27970
Xanxerê - Pato Branco		APCB	Corredor Chapecó		105.84538	1.05845
Xanxerê - Pato Branco		APCB	TI Xapecó		90.58368	0.90584
Biguaçu - Gaspar2		RPPN	RPPN Parque Ecológico ARTEX		7.26700	0.07267
Gaspar2 - Palhoça		RPPN	RPPN Parque Ecológico ARTEX	-	1.44474	0.01445
Biguaçu - Gaspar2		RPPN	RPPN Parque Ecológico ARTEX	-	8.75539	0.08755
Gaspar2 - Palhoça		RPPN	RPPN Parque Ecológico ARTEX	-	8.75539	0.08755
Blumenau - Gaspar		RPPN	RPPN Parque Ecológico ARTEX	-	0.34576	0.00346
Blumenau - Ilhota		RPPN	RPPN Parque Ecológico ARTEX	-	0.34576	0.00346
Blumenau - Gaspar		RPPN	RPPN Parque Ecológico ARTEX	-	0.40702	0.00407
Blumenau - Ilhota		RPPN	RPPN Parque Ecológico ARTEX	-	0.40702	0.00407

Biome: Steppe Atlantic Forest Pampa

Importance of Area: Extremely High Very high High Insufficiently Known

Transmition Line	Biome	Type of Area	Denomination of Area	Importance of Area	Afected Area (ha)	Afected Area (Km²)
Gaspar2 - Palhoça		RPPN	RPPN Parque Ecológico ARTEX	-	0.40702	0.00407
Biguaçu - Jorge Lacerda B		UC	PARQUE ESTADUAL DA SERRA DO TABULEIRO	-	11.66694	0.11667
Biguaçu - Desterro		UC	PARQUE ESTADUAL DA SERRA DO TABULEIRO	-	3.01175	0.03012
Areia - Curitiba	-	UC	Área de Proteção Ambiental (APA) ESTADUAL DA ESCARPA DEVONIANA	-	39.57565	0.39576
Areia - Curitiba	-	UC	Área de Proteção Ambiental (APA) ESTADUAL DA SERRA DA ESPERANÇA	-	109.11136	1.09111
Jorge Lacerda B - Palhoça	-	UC	PARQUE ESTADUAL DA SERRA DO TABULEIRO	-	15.42737	0.15427
Areia - Ponta Grossa Norte	-	UC	RESERVA BIOLOGICA DAS ARAUCARIAS	-	41.73074	0.41731
Areia - Ponta Grossa Norte	-	UC	Área de Proteção Ambiental (APA) ESTADUAL DA SERRA DA ESPERANÇA	-	228.89020	2.28890
Areia - Ponta Grossa Norte	-	UC	FLORESTA NACIONAL DE IRATI	-	18.56808	0.18568
Curitiba - Joinville	-	UC	Área de Proteção Ambiental (APA) DO IGUAÇÚ	-	5.83589	0.05836
Curitiba - Joinville	-	UC	Área de Proteção Ambiental (APA) ESTADUAL DE GUARATUBA	-	153.08533	1.53085
Curitiba - Joinville Norte	-	UC	Área de Proteção Ambiental (APA) DO IGUAÇÚ	-	6.61935	0.06619
Curitiba - Joinville Norte	-	UC	Área de Proteção Ambiental (APA) ESTADUAL DE GUARATUBA	-	153.61648	1.53616
Ivinhema - Ivinhema2	-	UC	Área de Proteção Ambiental (APA) ILHAS E VÁRZEAS DO RIO PARANÁ	-	88.95930	0.88959
Cerro Chato - Livramento2	-	UC	Área de Proteção Ambiental (APA) IBIRAPUITÃ	-	97.11741	0.97117
Blumenau - Curitiba	-	UC	Área de Proteção Ambiental (APA) DO IGUAÇÚ	-	32.44656	0.32447
Areia - Bateias	-	UC	Área de Proteção Ambiental (APA) ESTADUAL DA ESCARPA DEVONIANA	-	270.27379	2.70274
Areia - Bateias	-	UC	Área de Proteção Ambiental (APA) ESTADUAL DA SERRA DA ESPERANÇA	-	219.23951	2.19240
Areia - São Mateus do Sul	-	UC	Área de Proteção Ambiental (APA) ESTADUAL DA SERRA DA ESPERANÇA	-	31.23981	0.31240
Nova Andradina - Porto Primavera	-	UC	Área de Proteção Ambiental (APA) ILHAS E VÁRZEAS DO RIO PARANÁ	-	218.80168	2.18802

Biome: Steppe Atlantic Forest Pampa

Importance of Area: Extremely High Very high High Insufficiently Known

Transmition Line	Biome	Type of Area	Denomination of Area	Importance of Area	Afected Area (ha)	Afected Area (Km²)
Abdon Batista - Campos Novos	-	UC	PARQUE ESTADUAL RIO CANOAS	-	0.07012	0.00070
Itá - Machadinho	-	UC	PARQUE ESTADUAL FRITZ PLAUMANN	-	3.67130	0.03671
Areia - Campos Novos	-	UC	REF	-	110.44761	1.10448
Atlântida2 - Gravataí3	-	UC	Área de Proteção Ambiental (APA) DO BANHADO GRANDE	-	377.20892	3.77209
Curitiba - Bateias	-	UC	Área de Proteção Ambiental (APA) DO RIO VERDE	-	157.52413	1.57524
Curitiba - Bateias	-	UC	Área de Proteção Ambiental (APA) DO PASSAUNA	-	95.46122	0.95461
Ivinhema2 - Nova Andradina	-	UC	Área de Proteção Ambiental (APA) ILHAS E VÁREAS DO RIO PARANÁ	-	103.61710	1.03617
Biguaçu - Gaspar2	-	UC	PARQUE NACIONAL DA SERRA DO ITAJAÍ	-	3.77145	0.03771
Curitiba - São Mateus do Sul	-	UC	Área de Proteção Ambiental (APA) ESTADUAL DA ESCARPA DEVONIANA	-	19.40781	0.19408
Dourados - Guaíra	-	UC	Área de Proteção Ambiental (APA) ILHAS E VÁRZEAS DO RIO PARANÁ	-	32.60667	0.32607
Gaspar2 - Palhoça	-	UC	PARQUE NACIONAL DA SERRA DO ITAJAÍ	-	3.68037	0.03680
Biguaçu - Jorge Lacerda B		UC	PARQUE ESTADUAL DA SERRA DO TABULEIRO	-	31.51727	0.31517
Jorge Lacerda B - Palhoça		UC	PARQUE ESTADUAL DA SERRA DO TABULEIRO	-	31.51727	0.31517
Jupiá - Mimoso 3	-	UC	Área de Proteção Ambiental (APA) JUPIÁ	-	3.32237	0.03322
Jupiá - Mimoso 4	-	UC	Área de Proteção Ambiental (APA) JUPIÁ	-	3.32237	0.03322
Areia - Curitiba	-	UC	Área de Proteção Ambiental (APA) ESTADUAL DA SERRA DA ESPERANÇA	-	104.99691	1.04997
Areia - São Mateus do Sul	-	UC	Área de Proteção Ambiental (APA) ESTADUAL DA SERRA DA ESPERANÇA	-	104.99691	1.04997
Areia - Curitiba	-	UC	Área de Proteção Ambiental (APA) ESTADUAL DA ESCARPA DEVONIANA	-	47.60696	0.47607
Curitiba - São Mateus do Sul	-	UC	Área de Proteção Ambiental (APA) ESTADUAL DA ESCARPA DEVONIANA	-	47.60696	0.47607
Areia - Ponta Grossa Norte	-	UC	RESERVA BIOLÓGICA DAS ARAUCÁRIAS	-	0.01147	0.00011
Areia - Ponta Grossa Norte	-	UC	FLORESTA NACIONAL DE IRATI	-	0.01147	0.00011

Biome: Steppe Atlantic Forest Pampa

Importance of Area: Extremely High Very high High Insufficiently Known

Transmition Line	Biome	Type of Area	Denomination of Area	Importance of Area	Afected Area (ha)	Afected Area (Km²)
Eldorado - Guaíra	-	UC	Área de Proteção Ambiental (APA) ILHAS E VÁRZEAS DO RIO PARANÁ	-	8.24153	0.08242
Dourados - Guaíra	-	UC	Área de Proteção Ambiental (APA) ILHAS E VÁRZEAS DO RIO PARANÁ	-	8.24153	0.08242
Curitiba - Joinville	-	UC	Área de Proteção Ambiental (APA) DO IGUAÇÚ	-	13.37368	0.13374
Curitiba - Joinville Norte	-	UC	Área de Proteção Ambiental (APA) DO IGUAÇÚ	-	13.37368	0.13374
Curitiba - Joinville	-	UC	Área de Proteção Ambiental (APA) ESTADUAL DE GUARATUBA	-	189.43926	1.89439
Curitiba - Joinville Norte	-	UC	Área de Proteção Ambiental (APA) ESTADUAL DE GUARATUBA	-	189.43926	1.89439
Ivinhema - Ivinhema2	-	UC	Área de Proteção Ambiental (APA) ILHAS E VÁRZEAS DO RIO PARANÁ	-	18.72098	0.18721
Ivinhema2 - Nova Andradina	-	UC	Área de Proteção Ambiental (APA) ILHAS E VÁRZEAS DO RIO PARANÁ	-	18.72098	0.18721
Areia - Bateias	-	UC	Área de Proteção Ambiental (APA) ESTADUAL DA SERRA DA ESPERANÇA	-	22.92058	0.22921
Areia - São Mateus do Sul	-	UC	Área de Proteção Ambiental (APA) ESTADUAL DA SERRA DA ESPERANÇA	-	22.92058	0.22921
Nova Andradina - Porto Primavera	-	UC	Área de Proteção Ambiental (APA) ILHAS E VÁRZEAS DO RIO PARANÁ	-	16.34566	0.16346
Ivinhema2 - Nova Andradina	-	UC	Área de Proteção Ambiental (APA) ILHAS E VÁRZEAS DO RIO PARANÁ	-	16.34566	0.16346
Palhoça - Palhoça Pinheira		UC	PARQUE ESTADUAL DA SERRA DO TABULEIRO	-	25.30347	0.25303
Jorge Lacerda A - Palhoça		UC	PARQUE ESTADUAL DA SERRA DO TABULEIRO	-	25.30347	0.25303
Palhoça - Palhoça Pinheira		UC	PARQUE ESTADUAL DA SERRA DO TABULEIRO	-	13.28887	0.13289
Imbituba - Palhoça Pinheira		UC	PARQUE ESTADUAL DA SERRA DO TABULEIRO	-	13.28887	0.13289
Jorge Lacerda A - Palhoça		UC	PARQUE ESTADUAL DA SERRA DO TABULEIRO	-	5.36187	0.05362
Imbituba - Palhoça Pinheira		UC	PARQUE ESTADUAL DA SERRA DO TABULEIRO	-	5.36187	0.05362
Biguaçu - Gaspar2		UC	PARQUE NACIONAL DA SERRA DO ITAJAÍ	-	7.15263	0.07153

Biome: Steppe Atlantic Forest Pampa

Importance of Area: Extremely High Very high High Insufficiently Known

Transmition Line	Biome	Type of Area	Denomination of Area	Importance of Area	Afected Area (ha)	Afected Area (Km²)
Gaspar2 - Palhoça		UC	PARQUE NACIONAL DA SERRA DO ITAJAÍ	-	7.15263	0.07153
Biguaçu - Desterro		UC	PARQUE ESTADUAL DA SERRA DO TABULEIRO	-	8.92986	0.08930
Palhoça - Palhoça Pinheira		UC	PARQUE ESTADUAL DA SERRA DO TABULEIRO	-	8.92986	0.08930
Jorge Lacerda A - Palhoça		UC	PARQUE ESTADUAL DA SERRA DO TABULEIRO	-	8.92986	0.08930
Areia - Curitiba	-	UC	Área de Proteção Ambiental (APA) ESTADUAL DA SERRA DA ESPERANÇA	-	24.60077	0.24601
Areia - Bateias	-	UC	Área de Proteção Ambiental (APA) ESTADUAL DA SERRA DA ESPERANÇA	-	24.60077	0.24601
Areia - São Mateus do Sul	-	UC	Área de Proteção Ambiental (APA) ESTADUAL DA SERRA DA ESPERANÇA	-	24.60077	0.24601
Total					34,652.05855	346.52059

Biome: Steppe Atlantic Forest Pampa

Importance of Area: Extremely High Very high High Insufficiently Known

Substation	Biome	*Type of Area	Name of the Area	Importance of Area	Affected Area (ha)	Affected Area (Km²)
Salto Osório		APCB	Corredor Rio Iguaçu - Rio das Cobras		2.619497716	0.02619
Lageado Grande		APCB	Campos de São Francisco		5.074772769	0.05075
Lageado Grande		APCB	Nascente do Antas		1.747294555	0.01747
Joinville Norte		APCB	Serra Dona Francisca		3.026293445	0.03026
Ijuí2		APCB	Corredor Turvo-Ijuí		1.148342385	0.01148
Foz do Chapecó		APCB	Corredor do Rio Uruguai (Oeste)		5.456685619	0.05457
Salto Santiago		APCB	Represa Osório Santiago		8.098347108	0.08098
Caxias		APCB	Vale do Caí		24.46205067	0.24462
Nova Petrópolis 2		APCB	Vale do Caí		3.9999975	0.04000
Londrina		APCB	Corredor Mata do Godoy - Rio Tibagi		33.49969461	0.33500
Candiota		APCB	Campos de Candiota e Hulha Negra		13.06366941	0.13064
Cerro Chato		APCB	Quaraí		3.013909305	0.03014
Itá		APCB	Corredor do Rio Uruguai (Leste)		8.512042426	0.08512
Monte Claro		APCB	Muçum		0.870929117	0.00871
Blumenau		APCB	Doutor Pedrinho - Jaraguá		88.75849038	0.88758
Blumenau		APCB	Nascentes do Rio Luiz Alves		7.59341368	0.07593
Biguaçu		APCB	Vales do Rio Tijucas - Biguaçu		0.246760266	0.00247
Ivinhema 2		APCB	Área de Proteção Ambiental (APA) Ilhas e Várzeas do Rio Paraná		1.128079933	0.01128
Atlântida2		APCB	Áreas úmidas ao norte de Tramandaí		2.802828971	0.02803
Ivinhema 2		UC	Área de Proteção Ambiental (APA) Ilhas e Várzeas do Rio Paraná		1.128079933	0.01128
Total					2.802828971	0.02803

* Type of area (conservation unit - UC, National Private Reserve - RPPN or priority area for conservation of biodiversity - APCB)

Biome: Steppe Atlantic Forest Pampa

Importance of Area: Extremely High Very high High Insufficiently Known

Energy Generation Projects	Biome	*Type of Area	Name of the Area	Importance of Area	Affected Area (ha)	Affected Area (Km²)
UHE Passo São João		APCB	Corredor Turvo - Ijuí		25.22	0.25220
EU Cerro Chato I		APCB	Guaraí		10.28	0.10280
EU Cerro Chato II		APCB	Guaraí		11.15	0.11150
EU Cerro Chato III		APCB	Guaraí		15.01	0.15010
EU Coxilha Seca		APCB	Guaraí		9.91	0.09910
EU Galpões		APCB	Guaraí		3.6	0.03600
EU Capão do Inglês		APCB	Guaraí		4.71	0.04710
Total					79.88000	0.79880

*Type of area (conservation unit - UC, National Private Reserve - RPPN or priority area for conservation of biodiversity - APCB)

Biome: Steppe Atlantic Forest Pampa

Importance of Area: Extremely High Very high High Insufficiently Known

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*The Company received no financial assistance from the Government.

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*There was no application of significant fines related to this topic.

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*There were occurrences of diseases related to the activity of Transmission Lines. The Company carries out continuous actions to minimize such impacts, such as ergonomic evaluation, evaluation of physical conditioning and rotation of work activities.

**There was no record of discrimination regarding Human Rights.

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*The Company has not reported complaints of fraud or corruption involving its employees or suppliers.
**There were no lawsuits related to this matter involving the Company.
***There was no application of Significant Fines and there were eight applied Sanctions related to the topic and that are in the appeal phase.

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*Eletrosul has not received complaints regarding customer's breach of privacy
**There was no application of Significant Fines related to this topic.

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*The Company was not involved in any proceedings related to the death of users of its assets.

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