

elera

RENOVÁVEIS

ESG Report 2022

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Presentation



Statement from the CEO

GRI 2-22

Elera Renováveis experienced a highly positive year in 2022. Our performance aligned with expectations, and we made significant progress in implementing major projects, namely the Janaúba Solar Complex and the Seridó Wind Complex. Our focus remained on new acquisitions, as well as development and construction activities. Notably, we made our largest investment to date, adding 544 MW (megawatts) to our portfolio, with the prospect of completing projects totaling over 680 MW by the first quarter of 2024. The growth of our platform, combined with the implementation of commercial, operational, and administrative initiatives, contributed to a sustainable 12% increase in EBITDA compared to the previous year.

Despite challenges in certain regions concerning natural resources for solar and wind power plants, as well as fluctuating energy prices, we successfully mitigated these issues through appropriate commercial

strategies and a diversified portfolio encompassing various technologies and regions.

It is important to acknowledge that our business inherently entails risks, which we are well acquainted with. Nevertheless, we have proficient teams across all fronts to address such situations. We remain dedicated to optimizing available resources, whether it be in project management or the operational aspects of ongoing construction projects. By prioritizing safety and quality in our services, we successfully maintained our financial and operational margins.

This resulted in increased efficiency and cost savings of 9%. Alongside other strategic initiatives, these efforts contributed to an impressive EBITDA surpassing BRL 2 billion and a net income of BRL 918 million. Consequently, we proudly recognize 2022 as a year of consolidation for our entire operation, encompassing our 92 assets.

Consolidating operations

One of the remarkable accomplishments in 2022 was the successful launch of Phase 1 of the Janaúba Solar Complex in Minas Gerais. This represents Elera's largest project to date. Once fully completed, this complex will boast a total installed capacity of 1.2 GWp, capable of supplying energy to approximately 4 million people and reducing CO₂ emissions by around 771,000 tons (ton) annually¹. The delivery of Phase 2 is scheduled for the first half of 2023.

Simultaneously, we commenced work on the Seridó Wind Complex in Rio Grande do Norte, with an anticipated completion date in 2024. This wind farm, consisting of 55 turbines and a capacity of 247.5 MW, will have the ability to provide energy to approximately 1.8 million people. Furthermore, in 2022, we successfully initiated the commercial operation of

the Foz do Estrela Small Hydroelectric Plant (SHP) located along the Iratim River, in the municipality of Coronel Domingos Soares (PR). The SHP is equipped with two generating units and has an installed capacity of 29.5 megawatts (MW), which is sufficient to supply approximately 82,000 homes with energy.

Another significant achievement was the inauguration of our Integrated Operations Center (IOC), a cutting-edge facility that consolidates three competence centers within a single physical space. This advanced technological environment enhances the management of our performance, ensuring that our assets operate at optimal levels of productivity, safety, and efficiency. Furthermore, our assets benefit from 24/7 remote monitoring. Completing the structure of the IOC is the Corporate Security Center (CSC), which is responsible for safeguarding the physical security of our assets and employees.



Fernando Mano, CEO of Elera Renováveis

1. ACM0002 Methodology.

Currently, Elera Renováveis boasts a total generation capacity of 2.8 GW from a diverse range of renewable sources, including hydroelectric plants (HPPs), solar and wind farms, and biomass-fueled thermal plants. We envision playing a growing role in expanding the renewable energy matrix in Brazil, working towards the provision of cleaner, more accessible, resilient, and safer energy solutions.

In December 2022, Elera Renováveis achieved a significant milestone by finalizing the development of our ESG Strategy. This comprehensive strategy was formulated through an extensive assessment process that involved benchmarking, market trends analysis in the sector, and careful consideration of Brookfield Renewable Partners' Business Plan and ESG guidelines, as well as Elera Renováveis' own Strategic Planning. Our ESG Strategy is firmly aligned with the objective of promoting a sustainable energy transition by focusing on the development of decarbonization solutions. With an unwavering commitment to our customers, investors, and society as a whole, we strive to advance the diversification of a 100% renewable energy matrix, which inherently presents reduced risks for all stakeholders.

To guide our actions effectively, we have identified five central topics within our ESG Strategy. These topics not only address the management of social and environmental and governance risks but, more importantly, aim to create value.

One of the key topics is the well-being of people, which includes our unwavering dedication to employee and third-party safety, equal opportunities, and social inclusion. Our longstanding safety objective is to achieve zero high-risk incidents in both operational and construction activities. In terms of gender equity, we have set a target to have 40% women in leadership positions by 2030. As part of our commitment to social inclusion, we have allocated BRL 3.8 million towards social initiatives, with a particular focus on professional training programs. The aim of these programs is to facilitate the integration of local labor into our construction and operational activities. By prioritizing this initiative, we are dedicated to creating opportunities for the neighboring communities surrounding our assets, promoting economic growth and generating income for individuals in these areas.

As part of the ESG Strategy, we have built our Climate Strategy, which includes an Adaptation Plan to Climate Risks that may affect our assets, from which we have been able to identify a substantial

volume of initiatives already in place in our operation that reduce the severity of potential impacts. In addition, there are other initiatives on our radar that may be implemented in the future to further increase our resilience to extreme weather events. In addition, the Mitigation Plan, already completed, supports our goal of achieving Net Zero greenhouse gas (GHG) emissions for scopes 1 and 2 by 2030.

In this path of enhancing our actions, we created the Biodiversity Conservation and Ecosystem Services Policy; and we started a deeper accounting of our scope 3 GHG emissions related to the value chain, with the great support of a new ESG assessment procedure for suppliers that was part of a global initiative by Brookfield Renewable Partners.

In 2022, we continued to supply energy to customers from several relevant sectors of the Brazilian economy, which resulted in the reduction of approximately 115,000 tons (ton) of CO₂. Within this total amount, 23% is attributed to the mitigation of emissions in the telecommunications sector.

This sector faces significant decarbonization challenges, particularly in relation to its high scope 2 emissions resulting from substantial electricity consumption, which is a common characteristic of this industry's business model.

We take great pride in our presence in Brazil for over 20 years, and we are fully committed to building a significant legacy that will contribute to a more renewable and suitable energy matrix for the country's transition to a decarbonized economy.

We extend our heartfelt gratitude to all our employees, who play a crucial role in our positive achievements, as well as our valued customers and partners, who support our sustainable and efficient growth.

Our long-term vision remains rooted in professional excellence, safety, ethical conduct, compliance, and strategic innovation. We continuously strive for new investments that deliver profitability for our investors while yielding lasting benefits for the country.

Fernando Mano
CEO of Elera Renováveis

Highlights 2022

ESG Topics

ENVIRONMENTAL

- Tackling climate change
- Ecosystem preservation and conservation
- Water and waste management

SOCIAL

- Improved community relations
- Employment and income generation for local communities (including indigenous and traditional groups)
- Ensuring the well-being and safety of employees

GOVERNANCE

- Tackling corruption and commitment to business ethics
- Transparency in the management of risks

Biodiversity management

Publication of the Biodiversity Conservation and Ecosystem Services Policy

BRL 13 million invested in environmental protection in 2022

+340 t of waste for recycling

3.8 t of waste oil for reverse logistics or re-refining

Climate Strategy

Climate Risk Adaptation Plan and Mitigation/Decarbonization Plan for Net Zero by 2030 (Scopes 1 and 2)

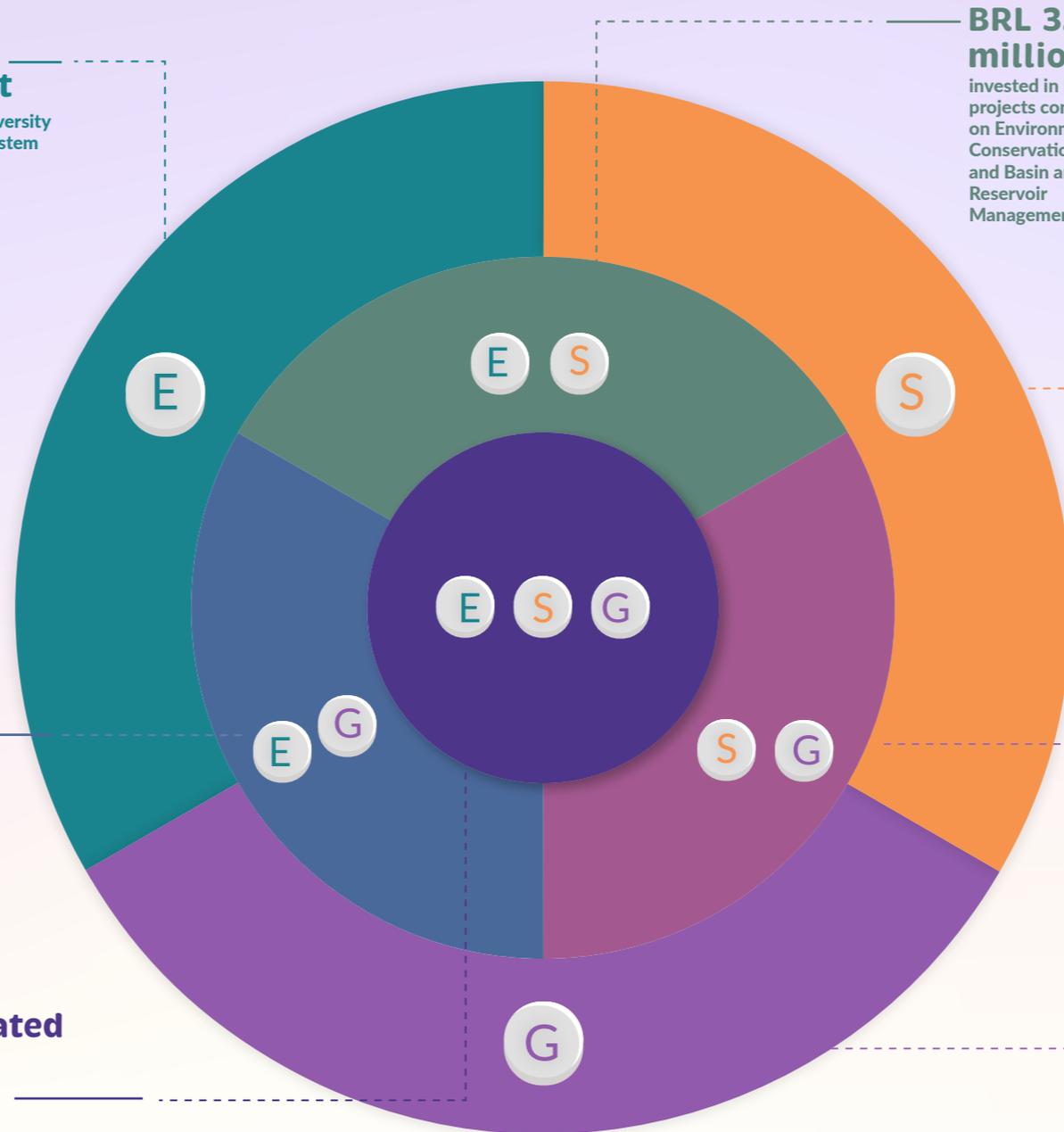
New Integrated Operations Center (IOC)

- + sustainability
- + operational efficiency

3 Centers in the same physical space/maximized renewable energy generation

ESG Strategy

approved by Elera's senior management



BRL 3.6 million

invested in R&D projects concentrating on Environmental Conservation and Basin and Reservoir Management.

Renewable

energy generated in 2022 with the potential to supply the equivalent of 10 million¹ people

¹ Average residential consumption in Brazil = 165.1 kWh/month - Source: Statistical Yearbook of Electricity 2021 - EPE; and average number of inhabitants per household = 2.9 Source: IBGE, Pnad 2019.

+BRL 150 million

allocated to local suppliers

R\$ 3.8 million in social investments

Efforts towards establishing relations with communities surrounding operational assets

empowering women

with emphasis placed on capacity building training in photovoltaic systems

Focus on communities surrounding the Janaúba Solar Complex

88 students
75% are women
54% joined the areas of construction or operations

53% increase

in the hiring of women from 2021 to 2022

100% of operations assessed for risk related to corruption

BRL 2.7 billion

in net operating revenue.

GHG Protocol

Gold Seal

1st issuance

of Green Bonds by Elera - Alex Solar Complex

31% increase

in net energy production vs. 2021, due to enhanced operational efficiency of assets and the successful launch of Janaúba's Phase 1.

Elera Renováveis





Our employee Cintia Carvalho at Elera Renováveis' headquarters in Rio de Janeiro

Elera Renováveis

As one of the largest producers of 100% clean and renewable energy in Brazil, Elera Renováveis boasts an impressive installed capacity of approximately 2.8 GW.

With a history spanning 22 years in Brazil, Elera Renováveis is a subsidiary of Brookfield Renewable Partners, a company within the Brookfield Asset Management (BAM) group. Our roots in Brazil can be traced back to the early 20th century when we were involved in public lighting and electric streetcars in São Paulo. However, our present purpose is to lead the way towards a future economy powered by renewable energy and decarbonization solutions. We have built a diverse portfolio of assets encompassing four different technologies. Based in Rio de Janeiro, our 92 assets are spread across Brazil, Chile, and Uruguay. **GRI 2-1 | GRI 2-6**

Business strategy Aligned with sustainability

In 2022, as per the Generation Information System (SIGA) of the Brazilian National Electric Energy Agency (ANEEL), our market share in the national renewable energy sector stood at 1.33% (at January 2023). During this period, Elera's operational installed capacity accounted for 2.8 GW out of the total granted capacity of the Brazilian electricity matrix, which amounted to 191.875 GW. **GRI 2-6**

Brookfield Renewable Partners

Brookfield Renewable Partners does business as a leading owner and operator of a globally celebrated renewable energy platform, publicly traded on a large scale. With a widespread presence across North America, South America, Europe, Oceania, and Asia, Brookfield Renewable employs over 3,400 professionals across five continents. It currently boasts an impressive operational installed capacity of approximately 25 GW, distributed across various regions and technologies. This substantial capacity has the potential to mitigate the emission of approximately 33 million tons of CO₂e, which is equivalent to the annual emissions of Austria or removing 7 million fossil fuel vehicles from the roads. Furthermore, the company has approximately 110 GW of assets under development, representing an immense pipeline of potential future capacity. These assets, if realized, have the potential to prevent the emission of approximately 92 million tons of CO₂e, equivalent to 100% of Poland's annual emissions. A dedicated ESG-focused Steering Committee oversees the integration of sustainable practices at various levels within the organization, ensuring compliance with global standards. **GRI 2-1**

Click for
further data
on avoided
emissions



25
gigawatts

installed
capacity

+3.4 thousand
employees

distributed across
five continents

~ 110
gigawatts

in assets under
development

Brookfield Asset Management



The manager of Brookfield Renewable Partners, [Brookfield Asset Management \(BAM\)](#), is a leading global alternative asset management firm with a presence in over 30 countries across five continents. With a strategic emphasis on high-quality, long-duration assets encompassing commercial real estate, infrastructure, private equity, and renewable energy generation, BAM oversees nearly USD 800 billion in assets under management worldwide. Supported by a team of over 2,000 investment and asset management professionals, BAM applies a disciplined investment approach to generate value and deliver robust risk-adjusted returns to clients through a diverse range of public and private fund offerings. **GRI 2-1**

In 2022, the Brookfield Global Transition Fund I (BGTF I) achieved a groundbreaking milestone by raising an unprecedented USD 15 billion. As the world's largest fund dedicated to the energy transition and low-carbon economy, this remarkable achievement represents the largest amount of private capital ever raised to support this market.

*Elera Renováveis headquarters
in Rio de Janeiro, RJ*

Elera's values



INTEGRITY

We are driven to fostering ethical, diverse, and enduring relationships.



EXCELLENCE

Our team of energy experts is committed to delivering optimal results.



SUSTAINABILITY

The attitudes we embrace today reinforce our dedication to a more sustainable future.



SAFETY

Ensuring the safety of both people and our physical assets is our unwavering commitment.

Our capitals

Natural capital

Biodiversity, energy efficiency, emissions, water resources and waste

Human capital

Employees

Social and relationship capital

Communities, suppliers and customers

Intellectual capital

Technology and innovation

Manufactured capital

Assets (hydropower plants, wind power plants, photovoltaic plants and biomass cogeneration plants)

Financial capital

Revenues, EBITDA and net income





Diversified portfolio¹

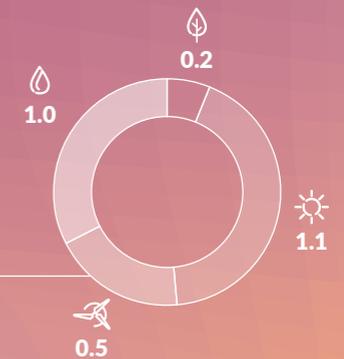
GRI 2-6

92 installed renewable assets in operation



2.8 gigawatts

installed capacity in operation



1. In operation until December 2022. / 2. Not including Sacre and Santa Ana.

Expansion of I-RECs

Elera experienced a significant increase in the trading of International REC Standard certificates (I-RECs) in 2022, with a four-fold increase compared to 2021. A survey conducted by the Commercial area indicates a rapid growth in customer demand since 2019. The analysis suggests that this trend will continue to expand further. This can be attributed to companies increasingly aligning their practices with ESG principles, aiming to reduce greenhouse gas (GHG) emissions.

According to data from the Totum Institute, the issuance of green certificates doubled in 2022, with approximately 21.3 million I-RECs issued in Brazil. These certificates primarily originated from water and wind energy sources.

Consistent and sustainable growth

We are prepared for a new era of sustainability that will foster closer connections with our customers, enabling us to better understand and meet their evolving needs in a more agile manner.

GRI 2-6

Our diversified energy matrix and transparent market operations position us favorably as a stable and efficient business partner. In 2022, we expanded our active customer base to 158, encompassing 77 free consumers, 41 distributors, and 40 traders. **GRI 2-6**

At Elera, we offer tailored solutions to cater to various demands.

Power Purchase Agreement (PPA)

Bilateral contracts that align with each company's specific requirements. These contracts involve the sale of electricity from 100% renewable conventional sources. We provide options for a 50% or 100% discount on the Tariff for the Use of Transmission Systems (TUST) or the Tariff for the Use of the Distribution System (TUSD), customized to suit the individual profile of each company. **GRI 2-6**

Autoproduction

Our company serves as a partner in enabling autoproduction models, aiming to capture savings and minimize investment risks for our customers. Through these models, we facilitate 100% renewable projects with contracts lasting 15 years, which enable the exemption of charges and, consequently, cost reduction.

I-RECs

Renewable energy certificates offer a trustworthy method for verifying the origin of consumed energy, allowing carbon-intensive sectors to meet their sustainability goals in accordance with international carbon accounting standards. This approach provides flexibility as companies can achieve their targets without being tied to an energy contract with Elera. **GRI 2-6**

Transition challenges and opportunities

Our core purpose is to lead the way towards a sustainable future economy by driving the energy transition. Through our operations in Brazil, Uruguay, and Chile, where we have a total of 92 assets, we are dedicated to enabling a sustainable growth model.

We prioritize our commitment to customers, investors, and society as we advance the diversification of a 100% clean energy matrix, offering reduced risks for all stakeholders involved. **GRI 305 3-3**

The development of the renewable sources and the overall industry growth heavily rely on supportive national and supranational incentive policies. However, alterations to existing regulations could impact the competitive standing of renewable energy solutions. The expansion of the energy mix might be affected, as changing incentives often strike a balance between the attractiveness of renewable energy for investors and the economic returns for project sponsors. To explore potential markets, mechanisms like I-RECs play a significant role, and the regulation of a national carbon market is considered crucial.

As we navigate this transition towards a low-carbon economy, we have made substantial and consistent investments in innovation. We firmly believe that this period presents numerous opportunities for pioneering technologies in renewable energy sources (for more details, refer to our R&D and Innovation section).

Business model

GENERATION

2.8 gigawatts
92 renewable
energy assets in operation

158 ACTIVE CUSTOMERS

77 free consumers
41 distributors
40 trading entities

SUPPLY CAPACITY

+3 MM people
upon Phase 2 completion in Janaúba and Seridó

SOCIAL INVESTMENTS

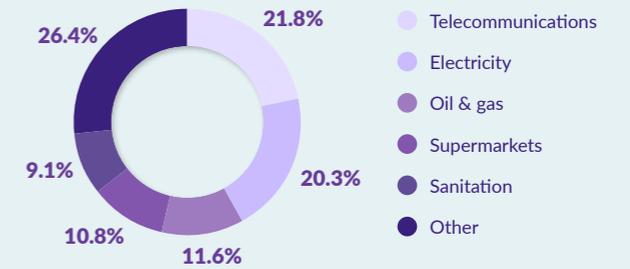
BRL 3.8 MM in +400
projects funded since 2008

ENVIRONMENTAL PROTECTION

R\$ 13 MM
invested in 2021

REDUCED EMISSIONS

+115,000 tCO₂e
total of the main clients/sectors served



Elera's ESG Strategy

Our approach to ESG forms the very foundation of our business practices as investors, owners, and operators.

Our commitment to ethical principles, practices, and ESG performance is integral to building a resilient business that creates long-term value and leaves a positive legacy for all our stakeholders. Throughout the investment process, from due diligence to the entire investment cycle, we incorporate ESG criteria.

Our ambitions extend beyond generating renewable energy; we strive to develop decarbonization solutions and champion a just energy transition. As a testament to this dedication, we formulated our ESG Strategy in 2022, outlining the public commitments the company will adopt starting from 2023. **GRI 305 3-3**

After an extensive diagnosis, which considered benchmarking and market trends for the sector, as well as Brookfield Renewable Partners' Business Plan and ESG guidelines and Elera Renováveis' Strategic Planning, we linked the strategy to the development of decarbonization solutions.

GRI 305 3-3

Our commitments will unfold from five topics, with quantitative targets set for some. With this initiative, we will direct our actions in a way that is aligned not only with preservation, but also with value creation and based on the United Nations (UN) Sustainable Development Goals (SDGs).

ESG Strategy Commitments



Local social and economic development

The strategy mandates that a minimum of 60% of the local workforce must be hired for civil construction on each ongoing project.



Mindful use of ecosystem services

By the year 2024, we aim to establish biodiversity management plans for all our assets, with a priority on those situated in environmentally sensitive regions.

Additionally, we will ensure that 100% of our operations in areas facing high water stress have up-to-date Water Management Plans.

Furthermore, by 2025, our goal is to enhance circularity within our operations and decrease the volume of waste sent to landfills by 20%.



Climate management

By 2030, our objective is to attain net-zero scope 1 and 2 emissions in our existing renewable projects.

GRI 305 3-3 | IF-EU-110a.3



Safety and people management

Achieve zero high-risk incidents.

Increase the percentage of women in leadership positions to 40% by 2030.



Ethics and integrity

Provide ethics and integrity-related training to 100% of employees.

Ensure 100% of employees comply with the company's Code of Conduct and Corporate Ethics.

SDGs aligned with our commitments



Elera's climate strategy

In pursuit of our commitment to attain net zero scope 1 and 2 emissions by 2030 within our existing renewable operations, we have crafted a comprehensive Climate Strategy. This strategy encompasses a Climate Risk Adaptation Plan for our assets and Elera's Decarbonization Plan. **GRI 305 3-3 | IF-EU-110a.3**

To foster engagement with the ESG agenda and the Climate Strategy, the entire Elera team is actively involved. Through shared knowledge management, we aim to facilitate transformation and enhance the company's approach to addressing climate-related matters across all aspects of our operations. and Elera's Decarbonization Plan. **GRI 305 3-3**

To achieve our ambitious target of zero emissions by 2030, we are committed to undergoing a management transformation that involves every employee, empowering them to actively drive Elera's ESG agenda forward.



Renascença Wind Complex

Sustainable energy transition

The effects of climate change affect populations worldwide, but the impact is particularly severe in developing countries. Elera acknowledges this reality and actively participates in addressing the issue. By investing in 100% renewable energy and playing a significant role in Brazil's energy transition, the company believes it fulfills a social responsibility. This commitment contributes to the expansion of a cleaner energy matrix, fostering the development of a more sustainable economy for the country. Furthermore, Elera supports social and environmental projects aimed at generating local value and mitigating potential consequences of extreme weather events.

Through these initiatives, the company envisions a more sustainable energy transition that will bring positive impacts to Brazilian society as a whole. This overarching vision forms the foundation of Elera's ESG Strategy. It serves as a guiding principle for the company's public commitments in 2022.

GRI 305 3-3

Emissions

The pace of global climate change is surpassing expectations, with a 1.1-degree increase in the last decade, marking it as the warmest period in recorded history. This escalation is causing extreme weather events like heatwaves, prolonged droughts, floods, and inundations, posing substantial risks to Brazil, particularly due to infrastructure deficiencies and limited response capacities in certain sectors of the economy. **GRI 305 3-3 | IF-EU-110a.3**

While renewable energy sources play a crucial role in the national greenhouse gas reduction strategy, they too are not immune to the effects of climate change.

The energy sector as a whole faces exposure to events like storms, floods, and prolonged droughts, which have become part of everyday operations. **GRI 305 3-3**

Emissions management and mitigation

The company's GHG emissions intensity falls below both the global and national averages. Despite this lower emission level, achieving the ambitious goal of zero net emissions by 2030 for scopes 1 and 2 presents a significant challenge. This is primarily due to the fact that the margin

for further reduction is smaller when compared to the array of available technological options. **GRI 305 3-3**

In response to this challenge, the Elera Mitigation Plan was developed through a thorough diagnosis and analysis of various technological options capable of reducing emissions by 2030, aligning with the commitment date. **GRI 305 3-3**

Emissions inventory

The inventory is strategic for the knowledge about the most offending

sources, as well as the most viable and impactful solutions related to the reduction of emissions using the MAAC Curve methodology (emission abatement curve).

Our emissions inventory preparation process uses a corporate cloud-based platform, improving governance both in terms of data collection and the availability of the technical team that performs the analysis, which results in increasingly effective management on the subject. **GRI 305 3-3**

For the second time, Elera audited its GHG emissions inventory, bringing greater transparency to the process and information. In addition, to demonstrate our evolution in the management of value chain emissions, the 2022 inventory included the assets under construction – Janaúba Solar Complex and Seridó Wind Complex. In 2022, our actions were recognized with the achievement of the Gold Seal of the Brazilian GHG Protocol Program, referring to the 2021 emissions inventory, which corresponds to the highest level of qualification for corporate GHG emissions inventories. **GRI 305 3-3**

GHG Protocol Gold Seal

The Brazilian GHG Protocol Program, featuring the Public Registry of Emissions, serves as the primary GHG emissions reporting standard in Brazil and is widely recognized as an essential environmental and climate responsibility initiative. Developed by the Center for Sustainability Studies of Fundação

Getúlio Vargas (GVces), this initiative aims to record and publish GHG emissions inventories through the Public Emissions Registry platform.

The program awards a prestigious Gold Seal to GHG inventories that have been verified by a body accredited by the

National Institute of Metrology, Quality, and Technology (Inmetro).

The methodology follows a modular approach, and the standard aligns with ISO 14064. The GHG Protocol is a well-regarded method, subject to extensive public

consultation processes and continuous updates. With approximately 1,100 publicly available GHG inventories, the Public Emissions Registry database consolidates the largest volume of GHG-related information in Brazil's private sector.

GRI 305-1 GRI 305-2 GRI 305-3 IF-EU-110a.1

Total greenhouse gas emissions (tCO₂e)

	2022	2021	2020
Scope 1	173,236.87	111,158.53	158,037.15
Scope 2	439.00	1,129.62	519.50
Scope 3	368.61	220.01	186.54
Total	174,044.48	112,508.15	158,743.19

1. The inventory adheres to the methodology of the Brazilian GHG Protocol Program, and the conversion factors from the Intergovernmental Panel on Climate Change (IPCC) are applied. Elera employs Way Carbon's Climas platform for comprehensive emission surveys and calculations. / 2. The emissions reported pertain to operations within Brazil, excluding assets under implementation or construction. / 3. The inventory covers Scope 1 emissions, which include: CO₂, CH₄, N₂O, HFCs and SF₆. / 4. Scope 2 emissions follow the location approach and account solely for CO₂. / 5. Scope 3 emissions encompass: CO₂, CH₄ e N₂O.

IF-EU-110a.2

Emissions by category (tCO₂e)

	2022	2021	2020
Scope 1			
Mobile combustion ¹	670.65	726.77	595.91
Stationary combustion ²	8,279.88	9,931.07	12,984.60
Fugitive emissions ³	4,989.07	523.42	3,138.49
Land use change ⁴	159,297.26	99,977.26	141,318.15
Total	173,236.87	111,158.53	158,743.19
Emissions from biogenic CO ₂			
Mobile combustion	100.19	107.75	91.97
Stationary combustion	1,024,750.99	1,233,665.09	1,360,333.55
Total	1,024,851.18	1,233,772.85	1,360,425.52
Scope 2			
Purchase of electric power	439.00	1,129.62	519.44
Scope 3			
Business (air) trips	368.61	220.01	186.54

1. Mobile combustion encompasses transportation activities, including both light vehicle fleets and heavy equipment. / 2. Stationary combustion refers to the generation of electricity through the use of equipment such as boilers and generators. / 3. Fugitive emissions include instances like CO₂ leakage from fire extinguishers, SF₆ release from electrical equipment, and HFCs leakage from the use of refrigeration equipment. / 4. Soil changes involve vegetation suppression for infrastructure installation and the release of CO₂ and CH₄ from hydroelectric reservoirs

GRI 305-7 IF-EU-120a.1

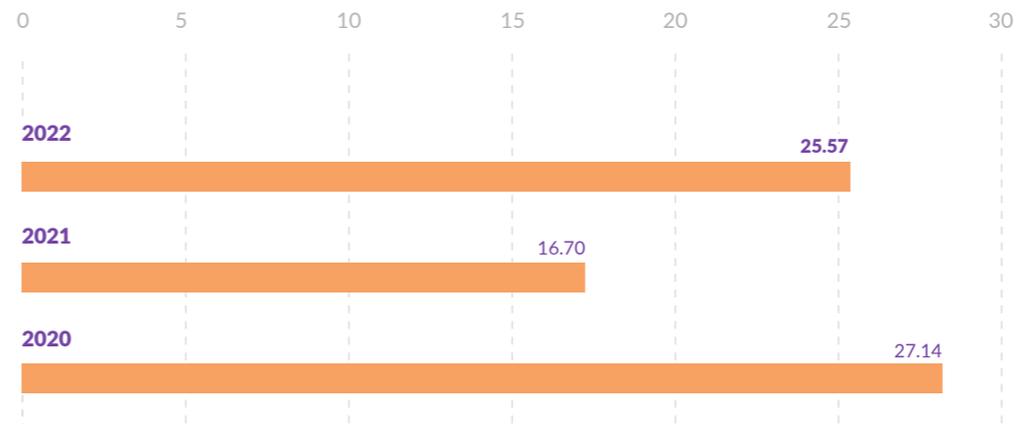
NOX, SOX, and other significant air emissions¹

Category	2022	2021	2020
NOX (ton)	173.80	219.73	565.21
Total Particulate (ton)	301.02	370.75	399.00
Carbon Dioxide Content (%) ²	13.00	12.70	13.20
Nitrogen Content (%) ²	79.50	79.40	80.50
Oxygen Content (%) ²	7.40	7.97	6.33

1. Pertaining to emissions resulting from the operation of biomass power plants in Brazil, specifically focusing on the Santa Cândida II TPP as the only operational plant in 2022. / 2. Other emissions categories are identified in the operating licenses. These emissions are assessed based on the assumptions of Conama Resolution No. 382, using volumetric dosage through the Orsat technique. For particulate matter, direct measurements are taken by analyzing the volumes retained in filters and probes. As for NOX emissions, the volume is estimated by calculating the average emission rate of the partner responsible for the plants and dividing it by the total hours of operation throughout the year.

GRI 305-4

Emission intensity tCO₂e/GWh



This takes into account scope 1 and 2 emissions, specifically for Brazil and assets in operation, in relation to the energy generated during the year.

Climate risks

Elera adheres to Brookfield Renewable's risk management model for effectively managing climate-related risks. This structured process enables us to comprehensively address climate and transition risks, encompassing regulatory, market, and technological aspects, as well as potential impacts on our assets that may affect our reputation. We integrate risk assessment procedures into our ESG due diligence process for evaluating assets targeted by our acquisitions team. Our compliance framework remains up-to-date, including policies and procedures, ensuring preparedness for any new legal obligations. Our climate-related monitoring in Brazil is seamlessly integrated into Brookfield Renewable's overall risk assessment.

Although we recognize climate change regulations as opportunities aligned with our core business, we acknowledge that compliance could impact our cost

structure. To mitigate risks of this nature, we actively engage in discussions to promote ESG awareness within private and public markets. Our goal is to continually enhance our reporting and protocols, aligning with evolving best practices related to ESG matters.

Being a part of Brookfield Renewable Partners, we fully embrace the recommendations put forth by the Task Force on Climate-related Financial Disclosure (TCFD). Additionally, we actively integrate with global initiatives like the *Net Zero Asset Managers Initiative* and the Principles for Responsible Investment (PRI). **GRI 2-28**

Considering the long term, we view regulatory developments related to climate change, especially those concerning the energy transition, as positive opportunities, aligning harmoniously with the essence of Elera's business.

Adaptation Plan for Climate Risks

In 2021, we conducted a comprehensive assessment of potential climate risks that could affect all our assets, whether in operation or under construction.

The project utilized the methodological and scientific foundation of the Intergovernmental Panel on Climate Change (IPCC) for 2030 and 2050 horizons. **GRI 305 3-3**

Our approach aligned with the recommendations provided by the *Task Force on Climate-related Financial Disclosures* (TCFD), considering both the severity and probability of occurrence,

as well as the availability of appropriate control measures. Based on these, we devised an action plan that was implemented throughout 2022.

We continue to work on enhancing our adaptation plan to address the potential risks identified, leveraging existing controls and best practices while identifying new opportunities to boost efficiency and safeguard against potential harm. Furthermore, this tool underwent validation in the first quarter of 2023 to become an integral part of Elera's risk management routine. **GRI 305 3-3**

Our objective is to actively involve the operating teams of our assets. Depending on the criticality of the risks mapped for each asset, we collaborate closely with their respective teams to identify existing controls and implement enhancements as needed.

GRI 305 3-3

Regulatory and market environment

ANEEL highlights the year 2022 as a remarkable period of expansion in Brazil's electricity matrix, primarily driven by the substantial increase in the supply of energy generated from renewable sources, with wind and solar power plants leading the way.

The National Electric Energy Agency (ANEEL) serves as the regulatory authority for Brazil's electricity sector, while the Chamber of Electric Energy Commercialization (CCEE) facilitates electricity commercialization in the national energy market. Both entities maintain direct relationships with energy generating and trading companies. Elera strictly adheres to the rules and regulations set forth by these bodies, covering energy production, commercialization, and contractual obligations with consumers and distributors. **GRI 2-6**

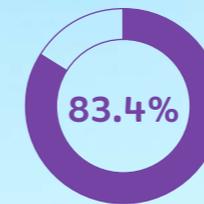
As per ANEEL's data, a remarkable 83.4% of the country's energy generation is obtained from renewable sources. The country witnessed an expansion of 8,235 megawatts (MW) in its energy capacity, marking the second-largest increase recorded by ANEEL since its establishment, surpassed only by the 9,528 MW achieved in 2016. Moreover, the target set for the expansion of the centralized generation park in 2022, amounting to 7,625 MW, was successfully exceeded on 21 December 2022.

The state of Minas Gerais led the way with the most significant increase in generation

capacity, installing 1,536 MW, of which 1,176 MW originated from solar plants. The Northeast region claimed the largest share of the overall increase, registering 4,518 MW, accounting for 55% of the total expansion for the year.

The increasing diversification of the energy matrix within the tightly regulated Brazilian electricity sector underscores its significance for Elera Renováveis. As a proactive approach, we closely monitor ongoing discussions within the regulatory bodies to stay ahead of any potential legal changes that could negatively impact our business.

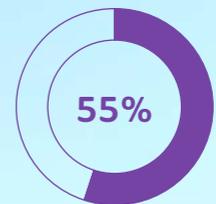
Alex Solar Complex



of the energy generated in Brazil classified as renewable.

+8 thousand megawatts

of expansion in the country in 2022



of the total expansion recorded in the country's Northeast

+4.5 thousand megawatts

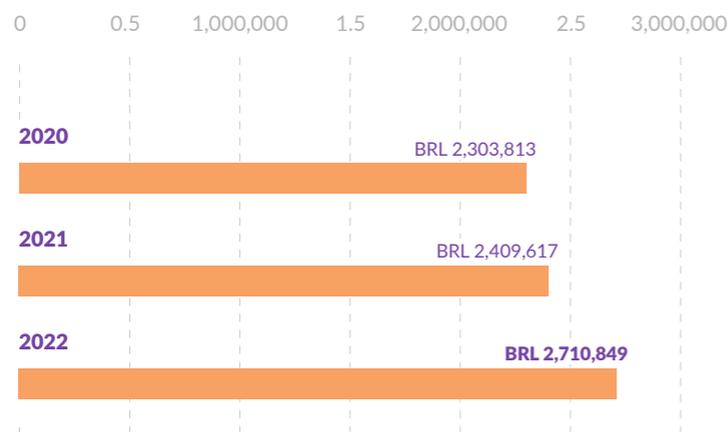
of expansion in the region in 2022

Economic and financial performance in 2022

The 2022 scenario contrasted with the previous year, marked by the recovery of the national water crisis, which resulted in a considerable increase in the level of reservoirs and a proportional impact on energy sales prices in the short term. At the same time, wind and solar resources were below the historical average.

Despite this challenging context, Elera's revenues increased by 12% compared to 2021, partly as a result of strategic marketing actions. During the year, 13 new power sales contracts were signed, with deliveries scheduled for the period 2022 to 2028, and attractive prices for both the short and long term.

Net operating revenue (BRL thousand)



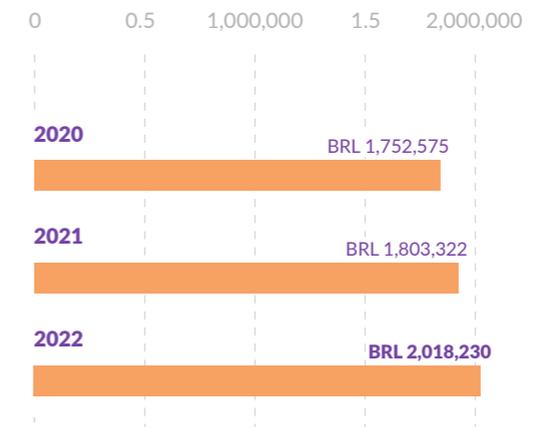
12%
growth in 2022

EBITDA and EBITDA margin

In 2022, our continued dedication to operational efficiency, cost reduction, and synergy among the company's asset portfolio had a positive impact on revenue. These relentless efforts proved crucial in mitigating the effects of the water crisis, which affected short-term prices, as well as the limited availability of wind and solar resources and other uncontrollable expenses.

As a result of these measures, our operating margin reached an impressive 53% in 2022, with the financial outcome exemplified by a substantial EBITDA totaling R\$ 2.0 billion.

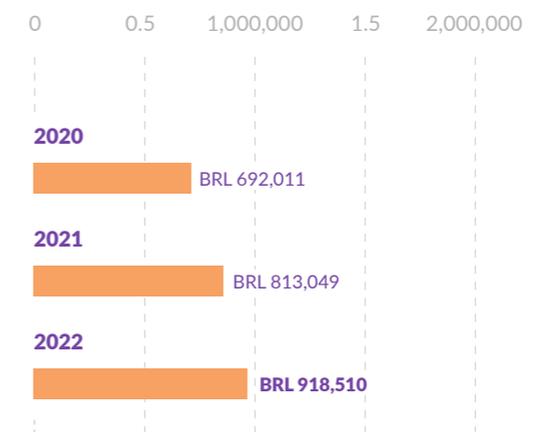
EBITDA (BRL thousand)



Net income

In 2022, the Company achieved a net profit of R\$ 918.5 million, a testament to the successful combination of economic activities. This remarkable result was made possible by the completion of the first phase of the Janaúba Solar Complex and the implementation of operational excellence initiatives, leading to substantial reductions in operating costs and expenses.

Net income (BRL thousand)



Indebtedness

As of the end of 2022, the Company's consolidated gross debt amounted to R\$ 7.9 billion. In the development arena, financing of BRL 1.5 billion was secured from BNDES for the construction of the Janaúba Solar Complex (Phase 1). Additionally, financing of BRL 450 million for the same Janaúba Solar Complex (Phase 2) was already approved by Banco

do Nordeste do Brasil (BNB). Moreover, the bridge loan initially amounting to BRL 250 million for the construction of the Alex Solar Complex was renewed and increased to BRL 450 million. This increase was achieved through the issuance of non-convertible debentures, designated as Green Bonds, with a payment term spanning 24 years.

Elera achieved a significant milestone with the renewal of the loan for the construction of the Alex Solar Complex, marking the issuance of its inaugural Green Bond.

In 2022, Elera's first Green Bond issuance was carried out. The funds raised from the issuance will be utilized by Alex Energia e Participações S.A., a subsidiary of Elera Renováveis S.A., to refinance and cover expenses associated with the implementation of the Alex Solar Complex and its related transmission system. These projects are located in the municipalities of Limoeiro do Norte and Tabuleiro do Norte, in the state of Ceará.

The contracted advisory NINT provided an independent opinion using its own assessment method, which aligns with the Green Bond Principles (GBP), the International Finance Corporation (IFC) Performance Standards, the Climate Bonds Taxonomy of the Climate Bonds Initiative, and other globally recognized sustainability standards. Their opinion is derived from thorough analysis and performance evaluations.

The issue will be analyzed based on the information provided in the title deed.

Social and environmental performance of the projects, according to the licensing process and management procedures.

Elera Renováveis' Environmental, Social and Governance (ESG) Performance, based on the evaluation of business policies and practices.





Ivan Botelho | Hydroelectric Plant

Tax benefits

Elera Renováveis strategically utilizes tax benefits, such as tax suspensions, exemptions, and deferrals, in a planned manner. These resources are channeled towards new investments, creating positive impacts that extend beyond the company and benefit all stakeholders involved. As a result, these efforts contribute significantly to the socioeconomic development of the regions where Elera operates, generating both direct and indirect job opportunities.

In 2022, the total amount of tax benefits enjoyed by the company reached approximately BRL 440 million. Notably, during the construction of the photovoltaic complex in Janaúba, Minas Gerais, Elera Renováveis obtained tax exemptions through Special Regimes. These exemptions mitigated the ICMS taxes on imported inverters and modules,

resulting in savings of approximately BRL 249 million.

Additionally, in 2022, for the construction of the Seridó Wind Complex (RN), Janaúba Solar Complex (MG), and PCH Foz do Estrela (PR), Elera Renováveis benefited from the Special Incentive Regime for Infrastructure Development (REIDI). Through the benefits of REIDI, these plants obtained substantial financial and tax relief, amounting to approximately BRL 191 million.

The contributions made towards the construction and installation of 31 plants, comprising 1 Small Hydro Power (SHP) plant in Paraná, 10 wind farms in Rio Grande do Norte, and 20 photovoltaic plants in Minas Gerais, have not only resulted in increased income and taxes, but have also played a crucial role in the development of the country's infrastructure.

Value Added

The Value Added indicator measures the economic contribution resulting from the company's activities. During the year 2022, Elera Renováveis achieved a Value Added of approximately BRL 2 billion.

The distribution of these resources to stakeholders who engage in business with Elera Renováveis took place in the following proportion:

8% distributed to employees through the payment of wages and benefits

25% to government and society in taxes, levies, contributions, and sector charges.

22% to lenders for interest and rent payments

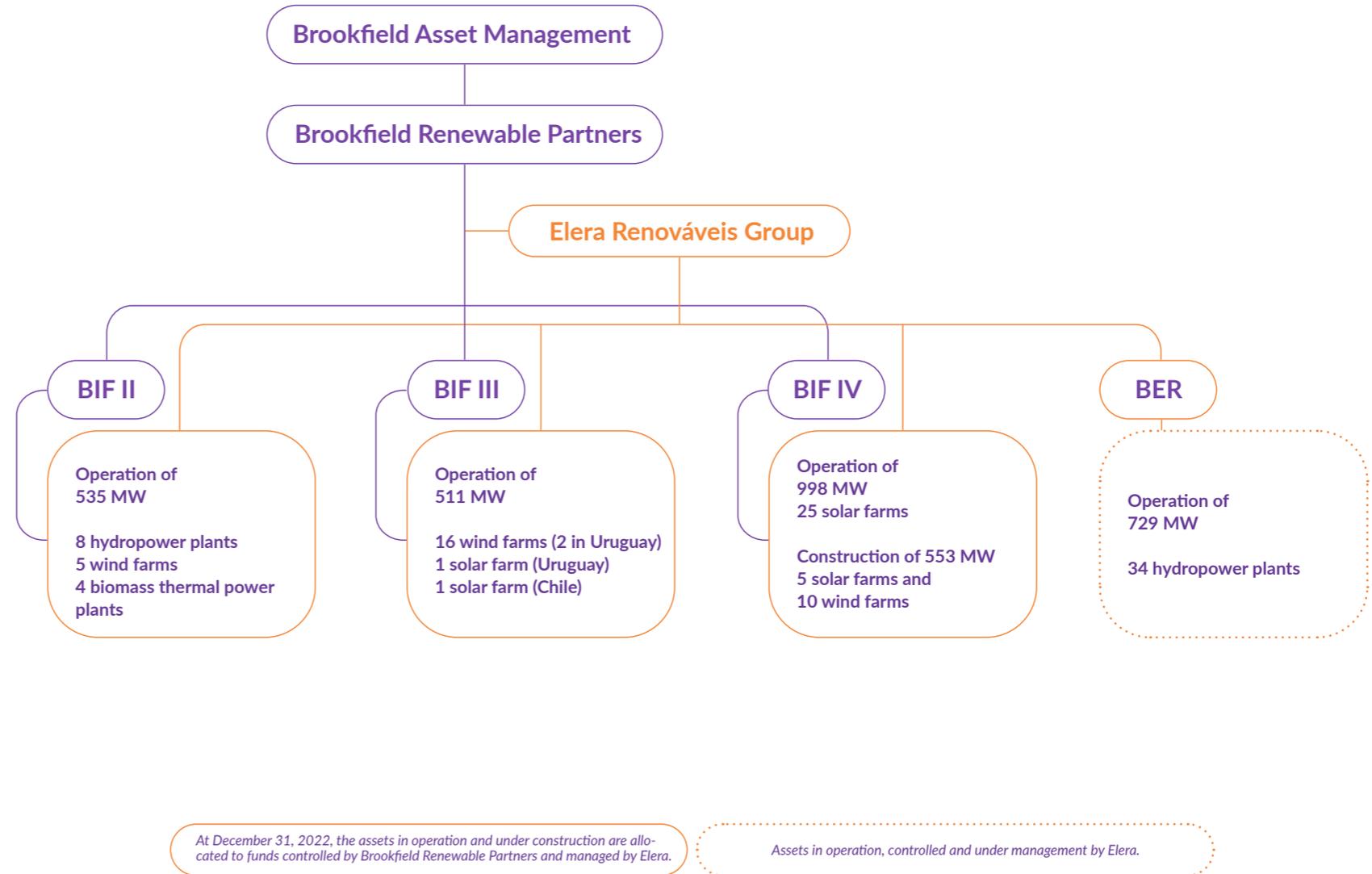
Corporate Governance

Governance structure

GRI 2-2 | GRI 2-9 | GRI 2-10 | GRI 2-11

In Brazil, Elera Renováveis serves as the company responsible for operating Brookfield Asset Management (BAM)'s investments in the power generation sector. This includes power generation assets both under operation and under construction in Brazil, as well as three assets in Uruguay and one in Chile. Elera Renováveis manages and exercises operational control over these assets, which are allocated to investment funds managed by BAM through Brookfield Renewable Partners.

The highest governance body in Brazil for Elera Renováveis is the General Assembly, with the CEO holding the highest level of governance. As part of Brookfield Renewable Partners' regional platform, we are indirectly subject to its Board of Directors. All activities involving senior management are reported directly to Brookfield Renewable Partners, which also acts as a mitigator in cases of potential conflicts of interest. At Elera, business decision-making involves two bodies: the Shareholders' Assembly and the Executive Board.





Elera Renováveis headquarters in Rio de Janeiro, RJ

Annual Shareholders' Meeting

The highest body of the company in Brazil holds the responsibility for making decisions regarding amendments and consolidations of the bylaws, as well as addressing issues proposed by directors and/or shareholders. Additionally, it defines the allocation of profits and dividends, evaluates the management report and financial statements, determines the remuneration of managers, and deliberates on any other matters of corporate interest. This enables the shareholders to exercise their voting rights in the best interests of the company. **GRI 2-9 | GRI 2-10**

Executive Board

The group, comprising 2 to 10 members, holds the responsibility for strategically executing the business and implementing policies and guidelines established by the shareholders. **GRI 2-9 | GRI 2-11**

Weekly, all areas within the company report their management processes to the vice-presidency. The primary objective of this reporting is to closely monitor critical issues, with the vice-presidency being responsible for prioritizing and addressing these matters to the CEO, including impact management. **GRI 2-13**

Composition of the Executive Board (12/31/2022)

GRI 2-9

CEO

Fernando Mano da Silva

Executive Vice-President of Finance

Nilton Leonardo Fernandes e Oliveira

Executive Vice-President of Legal Services and General Counsel

Carlos Gustavo Nogari Andrioli

Executive Vice President of Sales and New Businesses

Carlos Guerra

Executive Vice-President of Operations

Flavio Martins Ribeiro

Executive Vice-Presidente of Engineering and Construction

Alberto dos Santos Lopes

Executive Vice-President of People and Management, Communication and Corporate Services

Glauco Silva



Alto Sertão Wind Complex

Elera establishes its strategic guidelines by considering the local jurisdiction and the regulatory environment in Brazil, while also aligning with best governance and compliance practices. The company's highest governance body is responsible for delegating tasks related to ESG matters concerning its operations. This includes the analysis and approval of the ESG Report and the identification of the organization's material topics.

GRI 2-12 | GRI 2-13 | GRI 2-14

ESG Committee

The Senior Vice-President (VP) of Legal Services and General Counsel holds the executive responsibility for ESG, Environment, Social Responsibility, and Compliance matters at Elera. **GRI 2-10 | GRI 2-11** Additionally, the VP coordinates Elera's ESG Committee, consisting of members from the Executive Board. This committee is entrusted with defining the agenda, leading meetings, and being accountable for its activities both internally and externally to Brookfield.

GRI 2-13

One of the committee's key roles is to approve and update the mission, strategy, policies, and objectives related to sustainable development, considering business impacts. **GRI 2-12**

ESG topics are thoroughly addressed quarterly, fostering in-depth analysis and discussions within the committee. Moreover, this forum serves as a platform for expanding collective knowledge about sustainable development. Diverse topics from the ESG agenda are explored through the analysis of studies and publications, with a focus on disseminating information and promoting engagement. **GRI 2-13 | GRI 2-17**

Compliance Committee

Responsible for enforcing ethics, integrity, and compliance guidelines and commitments. It operates with bi-monthly meetings, adhering to its own regulations. Its primary purpose is to promote the dissemination, respect, compliance, and enhancement of the Code of Conduct and Corporate Ethics. Additionally, it serves as the highest authority within the Company's Integrity Program. **GRI 205 3-3**

Composition of the Compliance Committee

GRI 2-9

CEO

Fernando Mano da Silva

Executive Vice-President of Finance

Nilton Leonardo Fernandes e Oliveira

Executive Vice-President of Legal Services and General Counsel

Carlos Gustavo Nogari Andrioli

Remuneration policies

Elera's remuneration program for senior management is carefully designed to align with the best market practices, and it undergoes annual updates through surveys conducted by an external consultancy. The program's primary objective is to retain top talent and foster a leadership team that is dedicated to the company's long-term performance.

The policy encompasses both fixed and

variable remuneration components, with the latter determined based on four key pillars: financial performance, safety measures, achievement of departmental goals, and individual performance.

The values for remuneration are jointly defined by the CEO and the shareholder. Senior executives also benefit from a comprehensive package of benefits and incentives that are

directly linked to the company's long-term strategy. **GRI 2-19 | GRI 2-20**

For all other employees, Elera's remuneration policy is equally well-structured. It is based on salary surveys conducted annually by a specialized external consultancy, ensuring that employees receive up-to-date and market-competitive compensation packages in line with industry practices. **GRI 2-20**

Key impacts and concerns

Elera's senior management, as the highest governance body, actively oversees processes aimed at identifying the business's impacts on the economy, environment, and society. **GRI 2-12**

Critical concerns related to these aspects are communicated through ESG Committee meetings. To facilitate direct communication with the communities surrounding our assets, we have established the Community Helpline

(LAC) as one of our existing mechanisms. Moreover, Elera employs various other means to identify risks associated with the organization's business practices, both within its operations and in its business relationships. **GRI 2-16**



Elera Renováveis headquarters in Rio de Janeiro, RJ

Risk management

GRI 2-6 3-3 | GRI 2-26 3-3

At Elera, risk management is organized into different areas of the company, aligned with the attributions of the vice-presidencies. This approach allows for a safer direction of appropriate business risks.

The Market Risks area takes responsibility for creating transparency by capturing, analyzing, measuring, and reporting the

exposure of all assets to contractual risks. This includes implementing systems and reports to ensure effective risk management and communication with all stakeholders, internal and external.

One of the primary objectives of this work is to ensure that achieved returns are aligned with the risks taken, while limiting potential losses to a specific

amount, within the provisions established by a dedicated committee, in accordance with the approved Risk Management Governance.

Annually, Elera undergoes an internal audit conducted by Brookfield Brasil, evaluating various performance aspects such as social-environmental, governance, compliance, Verde 4 SHP cybersecurity,

health and safety, and economic-financial matters. **GRI 2-18**

The audit assessments generate reports with action plans and recommendations for improvements to the audited processes. The highest governance body closely monitors the results to ensure the implementation of the recommended actions and improvements. **GRI 2-12**



Risk management process

Elera aligns with Brookfield Renewable Partners' comprehensive risk management process, which encompasses the identification, assessment, management, and monitoring of risks, including those related to climate and transition. We diligently monitor and evaluate risks associated with climate-related regulations and policies in Brazil, providing pertinent information to Brookfield Renewable Partners' integrated risk assessment process (additional details available in the Climate Risks section). **GRI 206 3-3**

Regulatory risks

Legal risk is associated with the possibility of changes in the legal environment that could negatively impact the company's economic prospects, such as the establishment of new price ceilings in electricity markets due to regulatory changes. To safeguard its interests and align its processes and activities with evolving regulations, Elera actively engages in the stakeholder process to stay updated on the changing legal landscape.

In addition to the comprehensive risk management framework already mentioned, we place particular emphasis

on monitoring advancements in climate change research. This ensures that we are informed about relevant findings that pertain to our business and enables us to apply them appropriately. Our focus lies in ensuring the resilience of our operations and readiness to adapt to future changes. **GRI 305 3-3**

In 2021, Brookfield Renewable Partners published its inaugural Task Force Report on Climate-related Financial Disclosure (TCFD). This report included the assessment of physical and transition risks, including those relevant to Elera Renováveis.

Alto Sertão Wind Complex



Information Security

We acknowledge the significance of safeguarding the privacy of personal data for users of our platforms, customers, employees, partners, suppliers, and all other individuals associated with Elera Renováveis. To uphold this commitment, we process data transparently and securely, adhering to the General Personal Data Protection Law (LGPD), No. 13,709/2018, and other applicable regulations. We have published our Privacy Policy and Privacy Program Policy to guide our practices in this regard.

GRI 2-6 3-3 | GRI 2-26 3-3 | GRI 418 3-3

To mitigate any potential risks that could compromise customer privacy and lead to negative impacts on the organization, we maintain a multidisciplinary team responsible for overseeing all aspects of our privacy program. This includes continuous updates to our data inventory, facilitated by dedicated software.

GRI 418 3-3

A Data Protection Officer (DPO) collaborates with a privacy office to address data protection matters effectively. The ESG Committee, which

is accountable for approving changes, enhancements, and advancements of the privacy program, reviews the management of these topics, including the program's objectives. Regular reports with performance indicators are submitted weekly to the Legal VP. Furthermore, auditing processes are conducted to evaluate and enhance our privacy program, ensuring compliance with LGPD and adherence to best practices by default.

GRI 418 3-3

Any company employee found engaged in unauthorized use or disclosure of confidential information or violating our policies may face disciplinary action, including potential termination of employment. **GRI 418 3-3**

To effectively handle the subject and its associated impacts, we implement ongoing training and conduct awareness-raising initiatives. Our employees are required to participate in the Cyber Security Training Program, which provides guidance on the proper use of the company's technology systems.

The training covers topics such as fraud and scam prevention, good online practices, and risk mitigation in the virtual environment. **GRI 418 3-3**

Furthermore, we offer guidance through our communication channels to raise awareness about various risks, such as phishing, proper password management, social media security, malware prevention, safe web browsing practices, and the importance of utilizing second-factor authentication. **GRI 418 3-3**

For other data subjects involved in the solutions offered by the company, such as customers, partners, suppliers, former employees, and other stakeholders, we have established a comprehensive information policy on the processing of personal data throughout its entire life cycle. This policy covers aspects such as data collection, retention, processing, sharing, and deletion when these individuals access and use the company's institutional website or any other means. Our practices align with the prevailing privacy and data protection laws.

GRI 2-6 3-3 | GRI 2-26 3-3 | GRI 418 3-3

Communication channel

On the Elera Renováveis website, we offer a communication channel where individuals can request information about the processing of their personal data by the company. Additionally, we disclose the email address: dpo@elera.com, as a means to facilitate communication regarding data privacy matters. **GRI 2-26 3-3 | GRI 418 3-3**

In 2022

No complaints related to information security and data privacy were recorded. **GRI 418-1**

Inventory effectiveness and tracking

Our privacy program relies on OneTrust software, which allows recording and extracting reports of all the progress of the parties involved with privacy and LGPD, such as data inventory, security and privacy incidents, data subject requests and cookie consent from Elera's commercial website. **GRI 418 3-3**

Lessons learned and improvements incorporated

- New policies for personal data retention.
- Update of the privacy incident procedure.
- Procedure for initiating new projects and monitoring data processing activities in various areas. This process ensures and maintains compliance with data subjects' privacy rights.



Janaúba Solar Complex

Market risks

Elera is ready to seize the opportunities presented by the transition to a sustainable economy, equipped with significant capital and extensive operational expertise.

Apart from traditional risks, competition in the renewable energy market involves utilities seeking to minimize their exposure to potential fuel cost fluctuations by embracing renewable technologies that offer stable pricing conditions, particularly hydro, wind, and solar power.

We recognize that the transition to a low-carbon economy presents an unparalleled commercial opportunity that demands significant capital and profound operational expertise. To address these challenges, our extensive experience in clean energy, combined with a diversified global portfolio, robust operational and development capabilities, and established stakeholder relationships, plays a pivotal role in mitigating these risks.

Technology and supply chain

Additionally, technology risk poses the potential for increased costs in adopting and implementing new practices and processes as alternatives to overcome supply chain constraints. These constraints may limit or hinder access to certain technologies required for the development of new projects. The factors that can lead to constraints in the clean energy market include competition and growing demand for clean energy technology, as well as physical risks associated with climate change and geopolitical events such as political instability, regulatory changes, and international conflicts.

To address these challenges, we have a supply chain strategy that involves direct engagement with our suppliers and fostering industry collaboration. To mitigate potential constraints, we employ various approaches such as sourcing essential components, simultaneously securing power purchase agreements for projects, and strengthening our relationships with first-tier suppliers on a global scale. Our strategy of diversification, both in terms of geography and technology, is further reinforced by our global acquisition approach. This comprehensive approach helps us mitigate any potential one-off disruptions related to specific geographical regions. As a result of these effective mitigation strategies, we anticipate no significant financial impact on our business. **GRI 2-6**

Operational and asset security risks

By considering the diversification of sectors and regions in which we operate, our 92 assets are equipped with comprehensive plans to ensure compliance with all applicable legislation, adhering to strict risk management standards. To assess the risks associated with each asset, our operations area employs a matrix system that evaluates various aspects, including environmental impacts, legal requirements, effects on image and reputation, health and safety considerations, as well as operational and financial implications on the business. We employ various methodologies, including the use of the Weibull curve to define statistical values, while also taking into account the probability of occurrence. Through these efforts, we have achieved a high level of maturity in risk management, allowing for a more effective allocation of resources to address potential challenges and opportunities across our operations.

The 42 hydropower plants adhere to the regulations set forth in the National Dam Safety Law No. 14,066/2020, as well as Normative Resolution No. 696/2015, and they also strictly comply with the internal procedures EP-03 — *Dam Safety Procedure* — and HSSSES-100 — *Dam Safety Standard*. The management includes Regional Contingency Plans and Emergency Action Plans (PAEs). Since 2020, we have extended the drills to include the population within the self-rescue zone (ZAS), in adherence to Law No. 14,066/2020. **GRI G4-DMA**

The company has a comprehensive Corporate Contingency Plan that encompasses actions for handling major emergency scenarios across all our projects. These measures are carefully designed to comply with existing legislation and adapt to the potential risks associated with each of our assets. For our various technologies, including solar, wind,

and biomass, the Corporate Contingency Plan and individual Emergency Response Plans (ERP) are in place. However, there are exceptions: the ERP for the Janaúba Solar Complex is currently under development, while for Santa Cândida I and II, we follow the emergency plan of our commercial partner, who is the biomass supplier. Additionally; Vista Alegre I and II are currently in hibernation, with an indefinite timeframe. **GRI G4-DMA**

We are continuously working on additional procedures that complement our existing safety measures:

- Personal and Asset Security Emergency Response (NPE-SPP.00-22)
- Periodic Inspection and Monitoring of Dams (PS 007)
- Emergency Response — Power Plants (PSO-01) and Offices (PSC-16)
- Test and Simulation of the Mass Emergency Notification System (NPE-PAE.00-1) **GRI G4-DMA**

Corporate Contingency Plan

It outlines managerial actions aimed at mitigating environmental damage, risks to individuals, material losses, and harm to the company and third parties. It encompasses the determination of safety level criteria, which act as triggers for specific actions. The plan sets forth decision-making criteria and allocates the necessary resources for emergency responses. Additionally, it includes a communication system tailored to each audience based on identified scenarios.

Emergency response: offices

In our Rio de Janeiro head office, we have well-organized plans to handle emergencies for both employees and visitors. Our primary focus is on safeguarding human lives, while also minimizing potential environmental and property damage.

Operational risk management initiatives

GRI G4-DMA

Procedure for periodic inspection and monitoring of dams

Elera Renováveis implements standardized guidelines and procedures across all its operational units, including HPPs (Hydroelectric Power Plants), SHPs (Small Hydroelectric Plants), and HGP (Hydroelectric Generating Plants). These guidelines govern the regular inspection of dams and related civil structures at each plant.

Environmental procedure: dam safety

The authorities overseeing dams must establish and execute a comprehensive Dam Safety Program, covering specific areas:

- Dam inventory
- Periodic safety review of the dam
- Local procedures for dam safety
- Project and activity planning
- Readiness for emergency situations
- Training and qualification
- Action plans for dam safety
- Documentation and reporting

Dam Safety Standard

- Ensuring the safety of employees, contractors, subcontractors, and all other stakeholders
- Ensuring the safety of hydroelectric plants
- Protecting the environment, infrastructure and proper
- Managing the risks associated with dams

Ethics and integrity

At the core of our values lies a dedication to fostering a positive environment and conducting business with unwavering ethical responsibility. Our operations are driven by a profound commitment to respecting and safeguarding human rights. **GRI 2-23**

Elera's Code of Conduct and Ethics establishes a comprehensive set of rules, conduct, and guidelines that apply to all employees, regardless of their hierarchical level. The purpose is to ensure adherence to the laws, regulations, and policies governing the company's activities.

GRI 2-23 | GRI 205 3-3

In addition, the company has developed a Positive Environment Policy and Supplier Code of Conduct. These documents outline the company's approach to

conducting business and specify the expected conduct from employees, third parties, suppliers, and business partners in general. **GRI 2-23**

These standards of conduct are applicable to all aspects concerning Elera within the scope of its activities and business relationships. Furthermore, they must be adhered to by all employees, suppliers, customers, and partners associated with the company. **GRI 2-23**

Click to access
Elera Renováveis'
Code of Conduct and
Corporate Ethics



Business conduct

Having signed the UN Global Compact in 2022, we have publicly pledged to uphold ethical business practices and sustainable development. This commitment underscores our dedication to promoting human rights, decent work, environmental protection, and the eradication of corruption. **GRI 2-23 | GRI 205 3-3**

We formalize the disclosure of our commitments through various means, including training sessions on the Code of Conduct and Ethics, as well as the ABC Policy for suppliers and business partners. Such training extend to our employees as well. Additionally, we utilize various communication channels and formats,

such as email, Elera's social networks, targeted signs in offices, operations, and worksites, considering the types of suppliers involved.

GRI 2-6 3-3 | GRI 2-23

In addition, the commitments established in the Code of Conduct and Ethics related

to integrity rely on an automated system to formalize acceptance of the terms and declarations of conflicts, among other commitments of Elera. Our management system includes a comprehensive training platform for employees and third parties, equipped with tools that facilitate due diligence. **GRI 2-24 | GRI 2-6 3-3**

Global Compact

Elera became a member of the Global Compact in March 2022, pledging its commitment to the critical issues concerning human rights, labor, environment, and anti-corruption efforts.

Compliance Program

The policy commitments, as stated in the Code of Conduct and Corporate Ethics, are overseen by the highest level of governance, with the CEO and Elera's Senior VP of Legal Services and General Counsel being responsible for their implementation. **GRI 2-24 | GRI 205 3-3**

The Compliance Committee is responsible for overseeing commitments related to ethics, governance, and integrity, supported by

the Compliance Program, which fosters an atmosphere of integrity within the company. The program encompasses guidelines, policies, procedures, governance structures, and corporate risk management. Senior management sets a leading example by demonstrating practices, actions, and attitudes aligned with integrity and business ethics. **GRI 2-24 | GRI 205 3-3**

GRI 205-2

Trained employees (except the CEO and VPs)

Position	Brazil			Uruguay and Chile			TOTAL		
	Total by job position	Trained	%	Total by job position	Trained	%	Total by job position	Trained	%
Senior leadership	7	6	86%	0			7	6	86%
Director	22	22	100%	1	1	100%	23	23	100%
Manager	44	44	100%	1	1	100%	45	45	100%
Coordinator	48	48	100%	1	1	100%	49	49	100%
Supervisor	23	23	100%	3	2	67%	26	25	96%
Analysts, assistants, technicians	418	411	98%	5	2	40%	423	413	98%
Interns	49	48	98%	0			49	48	98%
TOTAL	611	602	99%	11	7	64%	622¹	609²	98%

1. Including all employees who were associated with Elera during the entirety of 2022, regardless of their current status within the company, including those who were no longer part of the staff as of 31st December 2022. / 2. Employees on leave of absence were excluded from the calculation.

Policies and commitments

In Brazil, Elera upholds the same high standards of business conduct applied globally by Brookfield Renewable Partners. However, in each jurisdiction, the company adheres to local legislation. By 2022, Elera had formalized 11 codes and policies that govern its commercial and institutional relations, along with other pertinent regulations. **GRI 2-23**

Anti-corruption

We maintain a zero-tolerance stance towards bribery and corruption. If local legislation imposes stricter requirements than our Policy, we adhere to the most stringent local regulations. Our policy strongly emphasizes Elera's commitment to conducting business with integrity and in full compliance with Brazilian legislation, including the Anti-Corruption Law No. 12,846/2013. In 2023, Elera will conduct a risk mapping exercise.

GRI 205 3-3 | GRI 205-1

Compliance Day

held annually, it involves the enthusiastic engagement of all senior leadership in lectures centered around ethics and integrity. **GRI 2-17**

100% of operations

assessed for corruption-related risks, which involve the following aspects:

GRI 205 3-3 | GRI 205-1

- Damage to image/reputation
- Corruption
- Fraud

622 employees

including senior leadership (CEO and VPs), were informed about the anti-corruption policies and procedures, ensuring full coverage across the organization. Among them, 609 employees (98%) received comprehensive training.

GRI 205 3-3 | GRI 205-2

Whistleblowing channel and complaint mechanisms

In adherence to best practices, Elera maintains a Confidential Whistleblowing Channel managed by an external provider to receive reports from both internal and external sources. This channel allows individuals, including anonymous reporting, to raise concerns regarding actions by employees, contractors, or company officers that potentially breach the Code of Conduct and Corporate Ethics and other company policies. Following this, reports and complaints are handled by Brookfield do Brasil's internal audit and Elera's Compliance area. **GRI 2-26 3-3**

The Confidential Whistleblowing Channel is an integral part of the guidelines that support the company's commitments and policies. As such, it is essential to ensure its accessibility throughout the company via various communication methods, training materials, and visual signage in high-traffic areas. **GRI 2-23 | GRI 2-26**

All employees and business partners are actively encouraged to report any suspected violations defined in the Compliance Program.

The platform is readily available in Portuguese and Spanish, free of charge, 24/7, and toll-free phones are also provided in each country where Elera operates. **GRI 2-26**

GRI 2-16

GRI 2-26

Numbers of the Confidential Whistleblowing Channel

Type of incident	2020	2021	2022
Threat to life and/or physical integrity	0	3	0
Inappropriate behavior, bullying or discrimination	11	5	4
Corruption	0	0	0
Improper payment or receipt	0	1	0
Favoring officials/conflict of interest	1	0	0
Close relationship with direct subordination	0	1	0
Occupational health and safety	5	8	0
Breach of labor laws	18	0	1
Other	3	1	1
Total	38	19	6

GRI 2-26

Mechanisms for seeking advice and raising concerns

	2019 ¹	2020 ¹	2021 ¹	2022
Number of identified complaints	14	18	11	6
Number of addressed complaints	14	18	11	4
Number of resolved complaints	9	8	7	4
Number of complaints registered before the reporting period, resolved during the reporting period	1	4	10	6

1. Figures reported in the ESG Report 2021.



Training at
Janaúba Solar Complex

Conflicts of interest

When conducting their professional activities or duties, employees and members of senior management must prioritize the best interests of the company above all other considerations.

To prevent conflicts of interest from influencing judgment or decision-making, Elera maintains management-based standards. The Compliance Department is responsible for analyzing and classifying potential or actual conflict situations based on a risk scale.

GRI 2-15 | GRI 205 3-3

This assessment process is supported by the completion of an annual conflict of interest declaration by employees, covering family relationships, close associations with officials or former public officials, and any prior affiliations with public agencies (former employees). The Compliance Committee receives bi-monthly reports on these declarations,

ensuring ongoing monitoring to mitigate risks and safeguard Elera's interests, including in new business acquisitions. **GRI 2-15 | GRI 205 3-3**

Management also employs specific tools and periodic monitoring. Any conflicts identified are reviewed and approved by the Compliance Committee, which ensures impartial decision-making. For transactions involving related parties, the responsibility lies with Brookfield Asset Management (BAM), which possesses a dedicated committee responsible for evaluating and approving such transactions.

GRI 2-15 | GRI 205 3-3

Anti-competitive behavior

Throughout 2022, the organization was not implicated as a participant in any lawsuits related to anti-competitive behavior, trust, or monopoly practices. **GRI 206-1**

Operations

Janaúba Solar Complex



Operating performance

In 2022, Elera Renováveis achieved exceptional operating results, boasting the highest generation and operating availability rates in its history. The company successfully optimized its investments by 50%, except for specific projects like the Janaúba Solar Complex in Minas Gerais, Alex Solar Complex in Ceará, Foz do Estrela Small Hydroelectric Power Plant in Paraná, and Passo do Meio Dam in Rio Grande do Sul. Through enhanced efficiency,

Elera saved approximately BRL 43 million in costs. Despite facing a wind and solar deficit scenario, the company's energy production increased by 10% in hydroelectric assets, attributed to abundant water availability during the year, and by 31% in the total solar source, thanks to the launch of Phase 1 of the Janaúba Solar Complex.

Several key factors contributed to this achievement, including the

geographical dispersion of assets across different regions, balancing the varying availability of natural resources in each location. The diversified portfolio, with a substantial contribution from hydroelectric plants, also played a significant role. Above all, Elera's precise investment strategy, prioritizing both increasing installed capacity and enhancing the efficiency of existing assets, proved instrumental in its success.

Regarding the expansion of our asset base, notable achievements include the Foz do Estrela Small Hydroelectric Power Plant (SHP) commencing commercial operations in May and the successful entry into operation of the first phase of the Janaúba Solar Complex in June. The Janaúba Solar Complex is set to become one of the largest solar energy plants in Latin America.

At February 12, 2023, the Janaúba Solar Complex's production alone contributed to 1.3% of the entire electricity load in Brazil.



Janaúba Solar Complex

Also in June, Elera initiated the development of the Seridó Wind Complex, located in Parelhas, Rio Grande do Norte. This project holds significance as it marks Elera's first entirely self-developed wind endeavor, whereas the company previously acquired and currently operates other wind farms. The Seridó Wind Complex is notably complex due to challenging topography and geological conditions on-site.

Throughout the year, Elera successfully operated 42 hydropower plants, 21 wind farms, 25 solar farms, and 4 biomass

thermal power plants (TPP). However, in June, the Santa Ana and Sacre hydropower plants were divested.

GRI 2-6

As for biomass plants, only the Santa Cândida II TPP remained active, resulting in a decrease of approximately 25% in the generation from this source in 2022. The other TPPs are currently halted due to a reduction in the sugarcane planted area and issues with the supply of biomass, particularly sugarcane bagasse, arising from the drought experienced in 2021. **GRI 302 3-3**

GRI EU1

Installed capacity¹ by primary energy source (MW)

Primary energy source	2022	2021	2020
Hydroelectric ²	939	946	946
Solar ³	1,120	399	20
Wind	540	540	440
Biomass	175	175	175
Total	2,774	2,060	1,581

1. Regarding the assets in operation. / 2. On June 30, 2022, Elera sold the Sacre II hydroelectric plant, located in Mato Grosso, and the Santa Ana hydroelectric plant, in Santa Catarina. As a result of these divestitures, there was a decrease in the installed capacity of hydropower sources compared to previous years. / 3. The increase observed in 2022 is attributed to the commencement of Phase 1 operations at the Janaúba Complex in Minas Gerais.

Net energy production by primary energy source (GWh)

Primary energy source	2022	2021	2020
Hydroelectric	4,275	3,871	3,892
Solar	707	538	41
Wind	1,692	2,088	1,720
Biomass	118	157	190
Total	6,792	6,654	5,843

Generated energy by source (%)

Source	2022	2021	2020
Hydroelectric	63	58	67
Solar	10	8	1
Wind	25	31	29
Biomass	2	2	3

Energy sold (GWh)

Regulated market	2022	2021	2020
Foreign	374	363	40
Distributors	4,004	4,442	4,502
Subtotal	4,378	4,805	4,542
Free market	2022	2021	2020
Foreign	240	256	0
Consumer	2,184	2,298	1,854
Resale	2,819	1,799	2,780
Subtotal	5,243	4,353	4,634
Total	9,621	9,158	9,176

Energy purchased for resale

	2022	2021	2020
Total	1,839	2,891	2,491

Improving the energy supply in 2022

 **HYDROELECTRIC**

A 10% increase in energy production was achieved in 2022, attributed to the ample availability of water resources, enhanced operational efficiency of assets, and the commencement of operations at the Foz do Estrela SHP.

 **SOLAR**

Solar generation saw a remarkable 31% increase in 2022, driven by the operational efficiency of existing assets and the successful commissioning of 14 solar parks at the Janaúba Solar Complex.

In 2022, Elera's customers collectively contributed to reducing approximately 115,000 tons of CO₂e.

2022 Operating Results

Janaúba Solar Complex

In 2022, the first phase of Elera's most significant ongoing project commenced its operations. This complex, situated in Janaúba, Minas Gerais, holds the title of the largest solar park under construction in Latin America, boasting a total installed capacity of 1.2 GW and an investment of BRL 3.9 billion. Upon completion of Phases 1 and 2, the combined energy generated by the project will be sufficient to power a city with approximately 4 million people.

The final project will comprise 20 solar parks, occupying a vast area of 3,069 hectares. The first phase already received 1.5 million photovoltaic modules, and an additional 650,000 panels will be added during the second phase to complete the project. **GRI 2-6**

1.2 GW
installed capacity

BRL 3.9 billion
in investments

+2 million photovoltaic modules
installed in Phases 1 and 2

3,069 hectares
area

Phase 1
operational

Phase 2
estimated delivery
in May 2023

Investments in job creation
Works and operations of the complex
Phase 1: 3.7 thousand
Phase 2: 2.4 thousand

Social and environmental investments
Total of BRL 10 million
This amount includes projects aimed at the restoration of local fauna and flora.

Clean energy generation
Potential to supply approximately 4 million people¹
Avoid the emission^{2,3} of, approximately 771 thousand tCO₂e per year

1. Average residential consumption in Brazil = 165.1 kWh/month (Source: Statistical Yearbook of Electricity 2021 - EPE); and average number of inhabitants per household = 2.9 (Source: IBGE, Pnad 2019).
/ 2. Considering both phases of the project.
/ 3. Source of calculation: ACM0002 Methodology.

247.5 MW
installed capacity

BRL 1.8 billion
in investments

55 wind turbines
in 10 wind farms
structure

754.3 hectares
area

**Seridó
Wind Complex**
Expected delivery 2024

**Investments in
job creation**

Works and operations of the complex
10,000 direct and indirect jobs

**Social
and environmental investments**

Total of BRL 6 million
Lessors receive 1.5% of the park's
income, contributing to the overall
increase in the region's revenue

Clean energy generation

Potential to supply
approximately
1.8 million people¹
Avoid the emission² of,
approximately
404,000 tCO₂e per year

1. Average residential consumption in Brazil = 165.1 kWh/month (Source: Statistical Yearbook of Electricity 2021 - EPE); and average number of inhabitants per household = 2.9 (Source: IBGE, Pnad 2019).

2. Source of calculation: ACM0002 Methodology.

**Seridó
Wind Complex**

In 2022, the construction of the Seridó Wind Complex, situated in Parelhas, Rio Grande do Norte, commenced. The wind farm, with 55 wind turbines and a capacity of 247.5 MW, will supply about 2 million people with renewable energy. Completion is expected in 2024.

With investments amounting to BRL 1.8 billion, the Seridó Wind Complex became the first Elera project to implement local workforce training before commencing construction, with a strong focus on hiring employees from the region.

In 2022, we conducted a Social and Economic Survey in the four municipalities impacted by the Seridó Wind Complex, namely Parelhas (RN), Santana do Seridó (RN), São José do Sabugi (PB), and Santa Luzia (PB). The purpose of this assessment was to gather data on the region's social reality and understand the expectations of the local population regarding the complex. **GRI 2-6**

Foz do Estrela SHP

The Foz do Estrela plant commenced operations in April 2022. The power generation project is located on the Iratim riverbed, in Coronel Domingos Soares (PR). The SHP involved investments of approximately BRL 300 million and boasts an installed capacity of 29.5 MW, equipped with two generating units. This capacity is sufficient to supply around 82,000 homes with electricity. Additionally, the project includes a reservoir occupying an area of 1.81 km². Furthermore, Elera invested over BRL 300 million in the project, alongside approximately BRL 15 million allocated for community initiatives and social-environmental support programs in collaboration with SENAI, SEBRAE, SESI, and APROCEL. **GRI 2-6**

29.5 MW
installed capacity

BRL 300 million
in investments

Job creation

400 direct and indirect jobs created during the construction of the complex¹

Social and environmental investments

+BRL 700 thousand

Clean energy generation

Supply 235,000 people² (potentially)

1. Considering data from the contracted EPC.
2. Average residential consumption in Brazil = 165.1 kWh/month (Source: Statistical Yearbook of Electricity 2021 - EPE); and average number of inhabitants per household = 2.9 (Source: IBGE, Pnad 2019).



Foz do Estrela Hydroelectric Power Plant

Reliability and availability

In 2022, Elera's core principles were availability and reliability. We surpassed all availability targets, indicating that our generating units were consistently able to produce energy. This not only contributes to a cleaner national energy matrix, but also reinforces the resilience of our assets against climate-related challenges. A prime example of our commitment to optimization is evident in the studies conducted to enhance the performance of Alex and Janaúba. The projected increase in their output is equivalent to the production of an SHP.

GRI G4-DMA

The positive results achieved were influenced not only by the high qualifications of our generation and maintenance technical teams, but also by the strategic investments totaling BRL 27 million planned over three years. These investments, particularly

in technological innovation, played a crucial role. By implementing constant monitoring using cutting-edge equipment and sensors with real-time measurement, we achieved the lowest failure rates and significantly reduced downtime for corrective maintenance.

An important milestone was the inauguration of the Integrated Operation Center in November, which unified three vital areas of action: asset monitoring, safety control, and systems operation and management. This centralization allows us to develop effective strategies to enhance asset efficiency and facilitate communication with key stakeholders in the sector, such as the National System Operator (ONS). Additionally, it enables us to provide valuable support to civil defenses and authorities in anticipating and mitigating climate-related crises.

GRI G4-DMA

Our efforts are not only helping to create a cleaner national energy matrix but also strengthening the resilience of our assets against climate-related challenges.



Elera is awarded at event dedicated to recognizing best practices in asset management

Elera's innovative projects on Strategic Management and Life Cycle activities were showcased at the Asset Management Meeting for Electricity Companies (EGAESE) and received an award for their significant impact on results and relevance to regulatory aspects within the electricity sector.

Integrated Operations Center (IOC)

Composed of three centers in the same physical space, the new center's main purpose is to increase the reliability of our operations and provide greater operational efficiency to maximize energy generation. The technologies used allow the reduction of corrective maintenance, the replacement of preventive maintenance by predictive maintenance, asset monitoring and better management of our risks.



Composition of the IOC

SYSTEM OPERATION AND MANAGEMENT CENTER (SOMC)

Our performance management approach goes beyond mere supervision and remote control of our plants. Its primary goal is to ensure that our assets consistently operate at their peak performance levels, adhering to the highest quality standards in the market.

ASSET MONITORING CENTER (AMC)

Our critical assets are under constant surveillance, being monitored 24/7, 365 days a year. We utilize a combination of cutting-edge technology, including sensors, thermal cameras, ultraviolet cameras, satellites, radars, artificial intelligence (AI), and machine learning. These advanced tools are all expertly coordinated by a specialized engineering team with a focus on industry 4.0 and innovation.

CORPORATE SECURITY CENTER (CSS)

Responsible for safeguarding the physical assets and ensuring the safety of our employees round the clock, seven days a week. This entails monitoring the external environment surrounding our facilities, especially during events with large gatherings, such as demonstrations, and in cases of potential security threats like robberies. Additionally, our employees' safety is ensured through GPS monitoring during travels, particularly for assets located in remote or isolated regions.

Research and Development

BRL 4.5 million invested in research in 2022

Elera encourages the development of projects and research focused on providing reliable electricity and promoting sustainable development. These projects, whether conducted collaboratively or independently, are of significant importance to the Brazilian electricity sector. They contribute to generating new technological knowledge and bring benefits to both direct and indirect consumers, as well as companies, society, and the environment. **GRI G4-DMA**

Aligned with ANEEL's Manual of Research and Technological Development Programs for the Electricity Sector, the projects cover various themes, including alternative sources of power generation, basin and reservoir management, and environment and energy system planning. Additionally, some projects have a social focus, leading to gains in employment opportunities, training, and fostering the potential for national technological innovation. **GRI G4-DMA**

GRI G4-DMA

Total investment in research & development

	2022		2021		2020	
	BRL thousand	%	BRL thousand	%	BRL thousand	%
Alternative sources of electricity generation	271	6%	484	21%	372	17%
Management of basins and reservoirs	2,389	53%	525	23%	842	38%
Environment	1,209	27%	642	28%	222	10%
Planning electric power systems	219	5%	544	24%	420	19%
Other	443	10%	0	4%	341	16%
Total	4,531		2,195		2,197	

Heliothermal generation

Development of a pilot plant that integrates with the operational process of an agricultural company in Bahia.

V2G Fast Recharge

The main objective of the initiative is to develop a national fast charging system for bicycles and electric vehicles for Vehicle to Grid (V2G) application.

Biota meta-analysis

The analyses are conducted to comprehend fish movements within the Verde River Basin region in Bahia.

Cyanourea

The management of macrophyte biomass in reservoirs is aimed at enhancing water quality while also harnessing it for biogas and urea production, intended for application in floristic recomposition efforts.

Recovery of concrete

Research on a novel substance that can be applied to weather and infiltration-damaged sites, with the objective of enhancing the safety level of our dams and concrete structures.

Microinverter

Initiatives to boost the yield and improve the quality of energy generated in our solar and wind plants.

Reversible power plants

Developing of a methodology for the site selection of hydropower plants, which considers factors such as grid connection points, capacity, and energy storage options.

Flow meter

Development of a contactless river flow measurement system using radar, computer vision, and data fusion.

Promoting sustainable innovation

Inspection of lines via drones

We employ cutting-edge drones for the inspection of our transmission lines. Utilizing efficient and rapid flights, we can swiftly identify faults and conduct repairs without causing any harm to the system. The high level of autonomy of our equipment also enables us to minimize the travel volume of our technicians, optimizing their work schedules and reducing related greenhouse gas emissions.

Using AI for thermographic data acquisition

Our transformer monitoring system is equipped with 24x7 thermographic cameras. These cameras collect thermal images that are then processed by an artificial intelligence system, transforming them into data. Our data historian carefully analyzes this data, enabling us to predict and identify potential failures proactively. This approach significantly reduces the risk of damage to both our equipment and the environment.

Using assisted reality for remote maintenance

In 2022, we implemented the use of wearable tablets for remote maintenance tasks. This innovation enables our engineers to conduct corrective and preventive maintenance without the need to travel to the plants. This approach ensures a quick and high-quality service, leading to improved operational efficiency. Moreover, by reducing the need for motor vehicle travel, we also contribute to lowering our greenhouse gas emissions.





Environment



Alto Sertão Wind Complex

Commitments and investments

Elera Renováveis is committed to enhancing environmental, social, and governance best practices, fostering a business model that adheres to the highest standards to create a sustainable future. We prioritize the rational use of natural resources and consistently invest in enhancing environmental management across our assets to achieve these goals.

Total investment and spending on environmental conservation (BRL thousand)

	2022	2021
Investments related to the company's production/operation		
Waste management	373	356
Environmental education	56	140
Environmental services to meet licensing and legal requirements and volunteers	8,890	8,191
Forest replanting and restoration	2,458	2,950
Penalties resulting from non-compliance with environmental laws and regulations	0	0
Facility adaptation	56	201
Improvement of environmental quality/tackling pollution	0	277
Subtotal	11,833	12,115
Investments in external programs and/or projects		
Project & Development (P&D)	1,209	53
Total	13,042	12,168

In the year 2022, the expenses related to environmental audits, environmental prevention and management costs, contracted services, and other relevant expenses were consolidated under the category "Environmental services". However, the amount spent on social actions/donations was excluded from the report, leading to a variance from the figures published in the previous report.

Energy

In Elera's operations, the primary energy consumption revolves around the biomass used in our thermoelectric power plants for renewable energy generation and the fuels utilized in our vehicle fleet. Nevertheless, the consumption of fossil fuels is not substantial, given the nature of our business. Despite this, the company is committed to reducing overall energy

consumption. We promote the use of ethanol as an alternative to conventional fuels and implement various automation, drone, and artificial intelligence initiatives. These advancements enable remote monitoring and maintenance of our assets, leading to increased operational efficiency. In 2022, these measures were further intensified, as detailed in the Operations section.

GRI 302-1

Energy consumption within the organization (in Gigajoules)

	2022	2021	2020
No-renewable fuels			
Acetylene	0.3	1.1	4.5
Diesel	12,452.5	13,051.7	9,605.1
Gasoline	2,207.2	2,564.2	2,352.9
Subtotal	14,660.0	15,617.0	11,962.4
Renewable fuels			
Ethanol	312.9	164.2	148.5
Biomass	4,211,736.4	5,070,373.8	6,586,821,821.8
Subtotal	4,212,049.2	5,070,538.1	6,586,821,970.3
Renewable fuels			
Third-party electricity	38,407.8	35,675.4	30,887.4
Total energy consumed	4,265,117.0	5,119,100.9	6,586,862,314.3

Considers consumption in Elera's operations in Chile, Uruguay and Brazil. Data for 2020 and 2021 restated to account for adjustments in data collection, which now encompasses the inclusion of biomass volume.

Consumption in assets under construction – Janaúba and Seridó (in Gigajoules)

	2022
No-renewable fuels	
Diesel	11,082.1
Gasoline	549.6
Subtotal	11,631.6
Renewable fuels	
Ethanol	62.9
Electricity consumption	
Electricity purchased from third parties	46,267.2
Total energy consumed in assets under construction	57,961.7

GRI 302-3

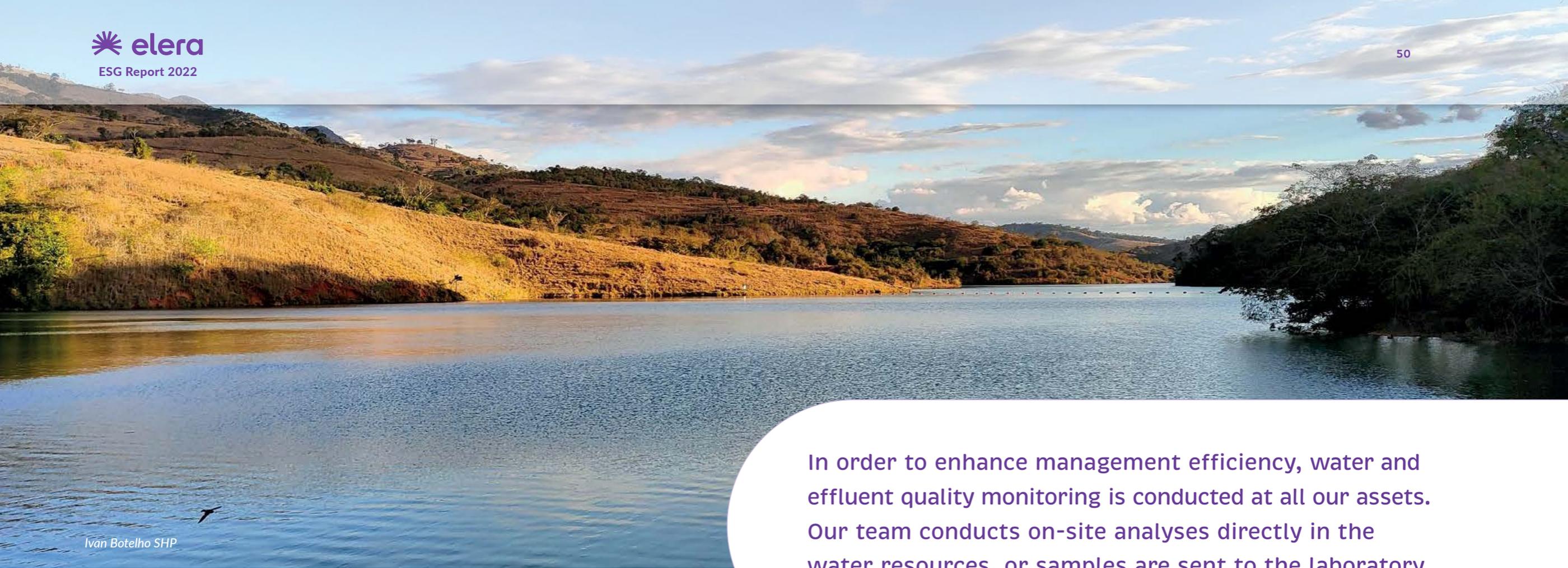
Energy intensity (GJ consumed/GWh produced)

2022	2021	2020
628	770	1.135

Considers the ratio between the energy consumed in its operations (in Chile, Uruguay, and Brazil) and the net energy production generated by its assets throughout the year. Data restated from the previous report due to adjustments made to the reporting of the energy consumption indicator (GRI 302-1).



Santa Cândida Biomass TPP



Ivan Botelho SHP

In order to enhance management efficiency, water and effluent quality monitoring is conducted at all our assets. Our team conducts on-site analyses directly in the water resources, or samples are sent to the laboratory.

GRI 303-1

Shared management

GRI 303 3-3

Elera's water resources management is guided by various regulatory frameworks, including the National Water Resources Plan, the River Basin Plan, and the National Environmental Council (Conama) Resolutions 357/2005 and 430/2011. These guidelines set goals and public policies to enhance water availability in both quality and quantity.

GRI 303-1

Efficient water management is crucial to avoid potential conflicts over water use, as it affects various purposes within a given area or region of interest.

The Alex Solar Complex in Ceará is the only asset located in a water-stressed area, according to the data from the Aqueduct platform by the World Resources Institute (WRI). To address

this, we have implemented mitigation measures as outlined below. **IF-EU-140a.3**

Elera's overall operations have not been identified as causing significant negative impacts on water resources. However, we diligently manage inherent local impacts through Environmental Programs specified in our licenses. **GRI 303 3-3**

Our Corporate Health, Safety, and Environment (HSSE) Policy underscore our commitment to responsible water management. We aim to protect, preserve, and enhance the ecosystems in which we operate while utilizing natural resources efficiently, sustainably, and responsibly. Over time, we strive for continuous improvements in resource efficiency to uphold our environmental stewardship. **GRI 303 3-3**

In line with our HSSE Corporate Policy, we maintain up-to-date information for Civil Defense concerning flooding at our hydroelectric dams. We do this through newsletters and instant messaging groups.

To engage with the community, we offer the Community Helpline (LAC), along with social media profiles and messaging groups. These platforms serve as channels for active information dissemination as well as for receiving questions and complaints. **GRI 303-1**

In addition, 33 of our hydroelectric power plants (HPPs) have an Environmental Plan for the Conservation and Use of the Artificial Reservoir Surroundings (Pacuera), which establishes guidelines for the conservation, recovery, use and occupation of the reservoir surroundings, in order to maintain the environmental quality of the water body, as well as its multiple use. Measures for proper management include obtaining permits and maintaining water and effluent quality monitoring programs. **GRI 303-1**

Each plant has individual water sharing guidelines, and these rules are defined in Public Hearings, with the participation and suggestions of the local community in the definitions. **GRI 303-1**

Water resources

GRI 303 3-3

Among our water assets, we have three hydroelectric power plants (HPPs), 34 small hydroelectric power plants (SHPs), and five hydroelectric generating stations (HGP). As such, water is a vital resource for Elera. It is important to note that the use of water in these assets is not classified as consumption. During the energy generation process, the volume of water captured in reservoirs is released downstream, ultimately returning to the riverbed. **GRI 303-1**

In 2022, the volume of water abstracted in our hydroelectric power plants (HPPs) for power generation (turbined) amounted to 36,040,770 megaliters. Additionally, water is utilized in the power generation process in biomass assets, specifically in boilers. **GRI 303-3**

It is important to highlight that we do not operate any water generation technology

in stressed areas. Our company is dedicated to ensuring the supply of water with the required quality for our projects while minimizing any potential impacts on water availability for various uses in the surrounding environment. **GRI 303-1**

While the Alex Solar Complex in Ceará is the only asset identified with vulnerability, we have implemented a plan to control the demand for raw and drinking water from the Complex, ensuring its feasibility.

In 2022, to enhance operational optimization and efficiency, we acquired automated equipment for washing panels,

leading to reduced water consumption at the Alex Solar Complex.

This technological solution involved changing the cleaning method to perform it on-demand, based on identifying inverters with low efficiency due to dirt, rather than carrying out annual cleaning for all panels. **GRI 303-1 | IF-EU-140a.3**

For human consumption and facility usage, we employ various sources of water supply, ranging from wells to purchasing from local commerce, such as water trucks and mineral water containers. **GRI 303-1**



Ivan Botelho SHP



Disposal of effluents

GRI 303 3-3

Elera solely deals with effluents classified as domestic, and their management involves the collection and analysis of water samples by duly licensed laboratories. The frequency of monitoring varies according to the specific parameters being assessed. In regions where there are no specific regulations, we adhere to Conama Resolutions 357/2005 and 430/2011, along with the Technical Standards of the Environmental Company of the State of São Paulo (CETESB) L5.202 and L5.511. Water bodies that receive effluents undergo regular monitoring, as do the effluents themselves.

GRI 303-2

GRI 303-5 IF-EU-140a.1

Total water consumption (megaliters)

Source	2022			2021			2020
	No water stress	With water stress ¹	Total	No water stress	With water stress ¹	Total	No water stress
Groundwater (wells)	76.8	0.0	76.8	142.6	0.0	142.6	168.3
Third party water ^{2,3}	435.7	0.2	435.9		0.6	0.6	
Total	512.5	0.2	512.7	142.6	0.6	143.2	168.3

Note: Refers to the use of freshwater in Elera's operations, including activities such as cleaning, landscaping, and construction. / 1. For 2022, the Alex Solar Complex is considered, located in an area prone to water stress in Ceará. / 2. Third-party water includes local supply network and procurement (water truck and gallons of mineral water). / 3. As an improvement to the management process, in 2022 the consumption of the Santa Cândida I and II biomass plants, managed by Elera's partner, was taken into account. The volume refers to an estimated 37.4% usage of Elera in comparison to the total consumed in these locations.

Total water consumption in constructions in 2022 (megaliters)

Source	Volume
Groundwater	0.6
Third-party water	294.3
Total	294.9

Considers the use of water in the construction of the Janaúba and Seridó Complexes.

Waste

GRI 306 3-3

Solid waste management is carried out in all of Elera's assets under construction and operation, as well as in its offices. In addition to the HSSE Corporate Policy, the company's Environmental Management System (EMS) has a Solid Waste Management procedure and all assets have a Solid Waste Management Plan (PGRS). **GRI 306 3-3**

Elera places significant emphasis on consistent monitoring and control processes to proactively prevent and mitigate potential negative impacts linked to the generation of hazardous waste during the operation and maintenance of assets. Although these impacts are considered to be of low magnitude, the company adopts a preventive approach to manage them effectively. To avoid risks associated with oil leaks or spills, comprehensive contingency plans are in place, enabling swift and efficient responses to any environmental or community-related damage. **GRI 306-1**

Elera has implemented comprehensive control and remediation measures across all operational units, ensuring swift responses to oil and chemical leak incidents. To prevent leaks from reaching waterways, most of the powerhouses in our HPPs are equipped with water and oil separator (WOS) boxes, which contain and isolate potential leaks from drainage wells. Regular monitoring and maintenance are conducted for these WOS boxes to ensure their effectiveness. In the event of soil spills, contaminated materials are collected entirely and disposed of as hazardous waste through licensed companies.

All Elera plants are equipped with environmental emergency kits that include essential tools such as shovels, hoes, sawdust, blankets, and absorbent cords. The composition may vary according to the site and application. Our operating teams undergo training in using containment equipment and

participate in emergency drills. For larger spills that exceed the capacity of our operations team, Elera establishes umbrella contracts with specialized companies to promptly address emergency situations. These measures strengthen our efforts to mitigate environmental impacts effectively. To prevent and minimize similar incidents in the future, Elera diligently records all such occurrences in the governance, risk, and compliance (GRC) system. These incidents undergo thorough investigations to pinpoint their root causes and assess the effectiveness of existing safety barriers. Based on these findings, the company devises and implements improvement actions.

Disposal in numbers GRI 306-3

**343.7
tons**

of waste for
recycling

**3.8
tons**

of oil for reverse logistics
or re-refining

80%

of wastes from operation
registered in the
Vertown platform

In 2022, Elera recognized the necessity to revise the Solid Waste Management procedure, and this initiative was incorporated into the company's plans for the year 2023.

In 2022, there were 10 oil-related incidents, resulting in a total spillage of 540.8 liters that came into contact with water or soil. Among these incidents, 300 liters were due to an accident involving two trucks on the bridge over the Paraíso SHP reservoir.

Another event linked to waste generation occurred during the recovery works of the Passo do Meio dam, which produced a significant amount of wood waste, totaling 50.29 tons. This contributed to a notable increase in waste generated at this specific asset, compared to the average of 1.35 tons generated in other months. Annually, a schedule of major preventive and/or corrective maintenance activities is established, involving plants from all sources. **GRI 306-1**

Furthermore, Elera actively engages in social-environmental projects within the communities surrounding our assets. These initiatives aim to support the implementation of the National Solid Waste Policy (PNRS) and assist in organizing collection groups. **GRI 306-2**

Measures to avoid waste generation

GRI 306 3-3 | GRI 306-1 | GRI 306-2

- Use of the FAM10 mobile dehydration system for oil treatment and filtration during maintenance of HPPs
- Use of biodegradable oil in the grate cleaner of the intake channel in hydroelectric plants
- Disposal of waste for recycling
- Storage of waste in a suitable location with a waterproof floor and roof that meets ABNT 12235 standards.
- Disposal of hazardous waste to duly licensed companies
- Reverse logistics of herbicide packaging
- Reverse logistics of lubricating oil
- PGRS in the plants
- Simulations and training to manage the impacts of chemical leakage

As part of the cogeneration industrial complex associated with the sugar and alcohol plant, both Santa Cândida I and II thermal power plants (UTES) have their support structures managed and operated by our partner's plant administration and its EMS. These support structures encompass various facilities, including a temporary waste storage bay, Water Treatment Plants (ETAs), and Effluent Treatment Plants (ETEs). **GRI 306-2**

Action fronts

GRI 306 3-3

Elera conducts regular safety meetings for plant management teams, focusing on waste management matters. Additionally, ongoing discussions are held between environmental analysts and the management platform responsible for streamlining and refining waste management processes.

To comply with regulatory requirements, data concerning waste management is transmitted to the licensing bodies via the National Solid Waste Management Information System (SINIR) or relevant state systems (Waste Movement Declarations - DMRs - and Waste Transportation Manifests - MTRs). These details are further reported through comprehensive reports.

The data pertaining to waste disposal and generation for projects in Brazil are extracted from the management platform, along with corresponding MTRs. For assets abroad, the Operation & Maintenance area is responsible for acquiring and documenting the relevant information, which is then recorded in control spreadsheets. In the case of waste generated during constructions, data is obtained from MTRs provided by the Engineering and Construction, as well as the Operational Intelligence areas.

GRI 306-3

Total wastes by composition (tons)

Category	2022			2021	2020
	operation	Construction	Total	Total	Total
Total generated waste					
Recyclable ¹	122	2,295	2,417	21	51
Non-recyclable ¹	105	224	328	181	53
Class I ²	42	17	59	202	46
Total	269	2,535	2,804	404	150
Total waste directed to final disposal					
Recyclable ¹	83	97	180	20	19
Non-recyclable ¹	105	154	259	171	41
Class I ²	38	11	49	174	47
Total	226	262	488	365³	107

1. Recyclable and non-recyclable: class II - non-hazardous waste - recyclable: papers, plastics, glass, metal, cardboard, wood, electronic products, recyclable batteries and the mixture of these; and if non-recyclable: biodegradable waste from kitchens and canteens, cement-based materials, grid cleaning waste, ceramic waste, organic and urban waste not equivalent. / 2. Class I - hazardous waste: waste that possesses characteristics of flammability, corrosivity, reactivity, toxicity, pathogenicity, carcinogenicity, teratogenicity, and mutagenicity, representing a significant risk to public health or environmental quality, as per the National Solid Waste Policy (PNRS). Examples include oil, fluorescent lamps, class I batteries, contaminated materials and packaging, paints, and varnishes. / 3. Elera disposes of its waste outside the organization. A single disposal within the organization occurred in 2021, of 9 tons of waste. / 4. The waste management of the biomass power plant has been excluded from the calculations as it falls under the responsibility of Elera Renováveis' biomass supplier partner. / 5. The generation of administrative factor waste was estimated based on *per capita* generation. / 6. In 2022, Elera began accounting for some waste through direct measurement, including waste from assets in the construction phase that were previously not accounted for. This explains the significant increase in reported volumes compared to previous years.

GRI 306-5

Waste disposed of outside the organization (ton)

Waste classification	Type of disposal	2022	2021	2020
Non-hazardous	Incineration with energy recovery	0	14	0
	Incineration without energy recovery	8	0	8
	Landfill	366	80	43
	Other disposal operations	65	107	14
	Subtotal	439	201	65
Hazardous	Incineration without energy recovery	14	0	21
	Landfill	18	144	11
	Other disposal operations	17	12	9
	Subtotal	49	156	41
Total		488	356	106

Additionally, Elera conducts annual social-environmental initiatives in the communities surrounding the assets to contribute to sustainable development.

Biodiversity

GRI 304 3-3

Incorporating biodiversity and ecosystem services into the business strategy is a crucial aspect for ensuring the continued success of Elera's activities. A significant milestone achieved in 2022 was the approval of our Biodiversity Policy, encompassing principles, guidelines, pillars, and commitments to effectively manage the topic.

The Policy aims to integrate biodiversity and ecosystem services conservation as a key consideration in decision-making throughout the various stages of assets and future projects. It emphasizes the hierarchy of impact mitigation in all management phases and acknowledges the significance of fostering voluntary initiatives that promote positive impacts on biodiversity conservation and ecosystem services.

During 2022, there were 37 plants situated near or within environmental protection

areas, encompassing a total operational area of 223.4 km². Among these, 180.30 km² were integrated into or covered protected areas in 10 different states. This total includes both company-owned areas and plants operating in leased territories: Aratinga (under development) and Alex Solar Complexes, in Ceará; and Renascença and Seridó Wind Complex, in Rio Grande do Norte, and Alto Sertão, in Bahia. **GRI 304-1**

These areas are classified as terrestrial and freshwater ecosystems according to the categorization of the National System of Nature Conservation Units, the Sites of the Brazilian Alliance for Zero Extinction, and the Priority Areas for the Conservation, Sustainable Use, and Sharing of the Benefits of Biodiversity. To determine the proximity to the conservation area, we considered an average distance of 5 km from the boundaries of the protected areas.

GRI 304-1

GRI 304 3-3

Commitments undertaken

- Raise awareness and promote knowledge about biodiversity and ecosystem services internally, as well as among communities neighboring the assets, by incorporating the topic into Environmental Education Programs
- Integrate key topics into the company's business strategy and decision-making process, aligned with its EMS
- Implement the hierarchy of mitigation for negative impacts across asset life cycles: prevention, mitigation, recovery, and compensation
- Amplify positive actions of conservation and restoration in the regions where the company operates
- Promote and establish conditions for the execution and sustainability of positive impact initiatives.
- Enforce and uphold Biodiversity Management Plans (BMPs) across all assets, with particular focus on those situated in environmentally sensitive areas
- Contribute to the attainment of global and national goals concerning the topic, and effectively communicate the outcomes to all stakeholders.

Management actions

We implement various environmental programs to mitigate negative impacts, including initiatives such as fauna, ichthyofauna, and flora rescue and monitoring programs, planting of endangered species seedlings, reservoir water quality monitoring, SWMP, as well as noise and air quality monitoring. **GRI 304 3-3**

To address potential large-scale oil spills, we have a contracted specialized company ready to respond to emergencies. Moreover, our operational teams receive training and drills to handle small environmental emergencies, such as minor fires, oil leaks, and chemical spills. **GRI 304 3-3**

To minimize the impact of new assets on the Atlantic Forest biome, we conduct forest compensation

in accordance with Law No. 11,428/2006. For assets located in other biomes, we adhere to relevant legislation and implement seedling planting programs.

The effectiveness of these actions is evaluated through indicators such as the number of restored areas (in hectares), the quantity of planted seedlings, and the number of fish transposed and larvae released in the reservoirs of Verde 4 and Verde 4A SHPs. Although no formal targets have been set to assess the progress of these actions, our Environment team regularly monitors these initiatives. located in other biomes, we comply with the relevant legislation and plant seedlings. **GRI 304 3-3**



Employee Maria Clara Ferraz — Elera Conecta Event

Initiatives to generate positive impacts in the areas where our assets are located

GRI 304 3-3

- Acquisition, recovery and conservation of Permanent Preservation Areas (PPAs)
- Acquisition and conservation of Permanent Forest Compensation Areas
- Release of larvae and transposition of fish (Verde 4 and Verde 4A SHPs)
- Rescue of flora, fauna and ichthyofauna
- Control of erosive processes, control of macrophytes, monitoring of fauna and ichthyofauna
- Water quality monitoring
- Waste and effluent management
- Environmental education activities that seek to raise awareness among the communities surrounding the projects about the conservation of biodiversity – which is understood as indirect positive impact

Impacts and initiatives

During 2022, the construction of the Janaúba Solar Complex and the Seridó Wind Complex resulted in the suppression of vegetation across an area of 648.5 hectares for the establishment of these plants. Specifically, 564.5 hectares were cleared for the Janaúba implementation, and 83.9 hectares for the Seridó, both areas having

sparse vegetation. Given the potential negative impacts arising from the construction and operation of our projects on biodiversity, including habitat alterations, noise generation, and the release of effluents and greenhouse gases (GHGs), we are actively engaged in various measures to mitigate these effects and enhance our management in this area. **GRI 304-2**

Initiatives in 2022

GRI 304 3-3

- Inventory and diagnosis of actions and impacts on biodiversity for the company
- Elaboration of the MBP, launched internally in 2022, with goals and indicators that will be implemented over the coming years
- Maintaining the implementation of projects such as the Harpy Conservation Project, Environmental Education Programs, Transposition of Rheophilic Species, and Operation of the Fish Induced Reproduction Center (Verde 4 and 4A SHPs)
- Monitoring biodiversity through environmental programs, which are usually mandatory in our assets in operation and construction
- Periodic survey of applicable aspects, environmental impacts and control, safety and support barriers

Protected or restored habitats

Elera currently has 36 km² of environmental protection areas and 0.5 km² of restored areas, whose recovery activities were carried out by the company itself and completed in 2022. These developments are distributed across different regions. **GRI 304-3**

Internal and external experts evaluated the outcome of the recovery activities. The conclusive report was forwarded for approval by the environmental agencies. The Degraded Area Recovery Plans (PRADs) are considered complete when the area becomes suitable for natural regeneration without human intervention or when the designated schedule with the environmental agency concludes. In 2022, a total of nine areas had their projects successfully completed. **GRI 304-3**

The Areas of Permanent Preservation

(APPs) were recognized as environmental protection zones, while the locations where the PRADs and Technical Projects for Flora Reconstitution (PTRFs) were conducted and finalized in 2022 were designated as restored areas. The habitat restoration methodologies employed involved seedling planting and seed rain techniques. **GRI 304-3**

Additionally, as environmental compensation for the construction of the Foz do Estrela SHP in Paraná, a Term of Commitment was signed with the Instituto Água e Terra (IAT). The service was executed in the same year, covering an area of 180.3 hectares with soil comprised entirely of native vegetation in the medium and advanced stages of secondary succession, featuring ecological characteristics similar to the vegetation that was lost in the Atlantic Forest biome. **GRI EU13**



Harpia harpyja – Rainiellen Carpañedo

Identification of species

GRI 303 3-3 | 304-4

The assessment of fauna and flora species within the operational areas involved the integration of geographical data provided by the International Union for Conservation of Nature (IUCN) with the asset area polygons. Following the approval of the Biodiversity Policy in 2022, Elera is currently evaluating various initiatives to address this subject, guided by the "Positive

Impact on Biodiversity and Ecosystem Services" diagnosis, which evaluates and categorizes the impacts of biodiversity-related programs.

At present, the company is sponsoring a study on the harpy eagle (*Harpia harpyja*), one of the world's largest eagles, listed as "vulnerable" globally

GRI 304-4

IUCN Red List species with habitats in areas affected by the company's operations

Extinction risk level	Number of species		
	2022		2021
	Fauna	Flora	
Critically endangered	8	0	5
Endangered	9	1	11
Vulnerable	24	11	34
Almost threatened	27	6	38
Least concern	706	79	1,288

Data were obtained by consulting the IUCN website from the location of the plants.

and "critically endangered" in the state of Paraná, where Elera owns the Foz do Estrela SHP. This study aims to generate ecological information on the species and promote community involvement in its conservation efforts, thereby contributing to the long-term preservation of regional biodiversity. The project is currently in its second cycle of execution, and

the achieved results include 360 hours of fieldwork for active bird searching, covering 30 properties. Additionally, five records of species of interest and two field records or credible reports of the harpy eagle have been documented. The project also plans to execute three more active search campaigns during the year 2023.

Relationships



Employee Erika Mota – Alto Sertão Wind Complex

Relationship with employees

Elera places great emphasis on fostering a healthy work environment that values and respects differences, allowing employees to thrive and unleash their full potential. This approach has enabled us to build a cohesive, engaged, and aligned team, dedicated to supporting the company's growth strategy. Despite facing significant challenges this year, such as restructuring and forming new teams, as well as adding two new projects to our portfolio, we are pleased to report that we successfully completed the cycle with highly positive results.

As of December 2022, the commencement of construction for the Janaúba Solar Complex (MG) and Seridó Wind Complex (RN), along with the operational launch of phase I of Janaúba, contributed to a total of 565 employees in Brazil. In Uruguay and Chile, the company had 7 and 5 employees, respectively. At Elera, 100% of employees are covered by a collective bargaining agreement. **GRI 2-7 | GRI 2-30 | GRI 401 3-3 | GRI 403 3-3**

GRI 2-7

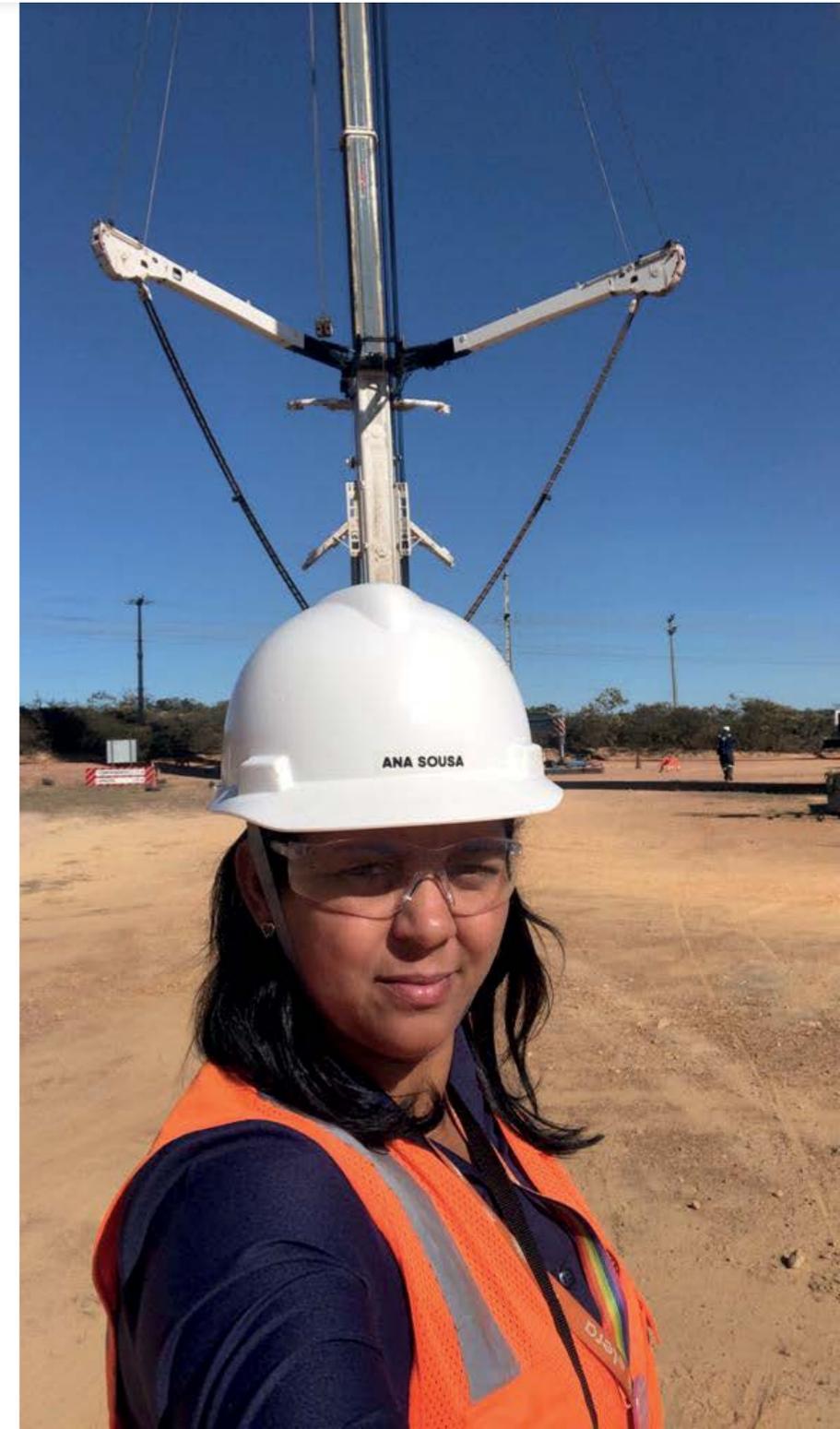
Permanent employees by gender and region

Region	2022			2021			2020		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Northeast	31	4	35	34	3	37	29	4	33
Midwest	66	3	69	77	8	85	83	7	90
Southeast	284	142	426	231	126	357	242	108	350
South	34	1	35	43	5	48	40	4	44
Total	415	150	565	385	142	527	394	123	517

1. The reporting includes all permanent full-time employees, including the CEO and vice-presidents, at December 31 of each year in Brazil. Additionally, it takes into account apprentices, who are temporary part-time employees, all based in the Southeast region. The breakdown of apprentices for the respective years is as follows: 1 male apprentice (2022); 1 male apprentice and 2 female apprentices (2021); 2 male apprentices and 3 female apprentices (2020).

2. The North region does not have any employees, and there are no employees without a guaranteed workload.

3. In the previous report, workers hired through outsourced companies to provide services were categorized as "Fixed-term employees". However, in the current report, these workers are now included under GRI 2-8. Consequently, the data for the years 2020 and 2021 are being restated to reflect this change in categorization.



Employee Ana Sousa – Alto Sertão Wind Complex

Hiring and turnover

The company tracks hiring and turnover rates as significant indicators to evaluate talent management. Nearly half of the new hires were employees under 30 years old, while there was a notable increase in hires within the 50+ age

group, rising from 5.1% in 2021 to 9.1% in 2022. The Southeast region accounted for 34% of all hires. The staff turnover rate for the year was 20.4%. Staff turnover stood at 20.4%. **GRI 401 3-3 | GRI 401-1**

Rate of new hires in 2022

24.3% men

34.7% women

The total, in all units, stood at

153 Hiring

GRI 401-1

New employee hires and employee turnover

	2022					2021					2020				
	Total number of employees	Number of hires	Rate of new hires*	Number of dismissals	Turnover rate	Total number of employees	Number of hires	Rate of new hires*	Number of dismissals	Turnover rate	Total number of employees	Number of hires	Rate of new hires*	Number of dismissals	Turnover rate
BY GENDER															
Men	415	101	24.3%	71	17.1%	385	56	14.5%	64	16.6%	394	45	11.4%	39	9.9%
Women	150	52	34.7%	44	29.3%	142	34	23.9%	16	11.3%	123	10	8.1%	14	11.4%
Total	565	153	27.1%	115	20.4%	527	90	17.1%	80	15.2%	517	55	10.6%	53	10.3%
BY AGE GROUP															
Up to 30 years old	91	45	49.5%	27	29.7%	83	31	37.3%	16	19.3%	86	18	20.9%	14	16.3%
30 to 50 years of age	441	105	23.8%	76	17.2%	405	57	14.1%	53	13.1%	390	35	9.0%	36	9.2%
Over 51 years old	33	3	9.1%	12	36.4%	39	2	5.1%	11	28.2%	41	2	4.9%	3	7.3%
BY REGION															
Northeast	35	2	5.7%	2	5.7%	37	11	29.7%	7	18.9%	33	9	27.3%	5	15.2%
Midwest	69	2	2.9%	4	5.8%	85	4	4.7%	9	10.6%	90	2	2.2%	8	8.9%
Southeast	426	145	34.0%	104	24.4%	357	70	19.6%	62	17.4%	350	37	10.6%	36	10.3%
South	35	4	11.4%	5	14.3%	48	5	10.4%	2	4.2%	44	7	15.9%	4	9.1%

*Considers both permanent and temporary employees on December 31st of each year. The rates are calculated by dividing the number of hires or dismissals by the total number of employees in each category for the period, and then multiplying the result by 100.

Benefits and well-being

Elera places a strong emphasis on promoting health care and physical and mental well-being among its employees. Through the Viver Bem Program, the company offers comprehensive support, including psychological, legal, nutritional, and financial assistance to all employees and their dependents. This year, Elera introduced three new initiatives to further enhance the work

environment: Milhas de Saúde, Dra. Elera and Dentista Online.

Additionally, Elera's Wellness Program conducts awareness campaigns in collaboration with specialists during Yellow September, Pink October, and Blue November, focusing on important health issues. The company also organizes a flu vaccination campaign

(influenza H1n1), providing vaccinations at the Rio de Janeiro office and reimbursement options for other locations. Elera ensures that salaries and benefits packages are competitive with the market, and all employee health-related information strictly adheres to the LGPD (General Data Protection Law), being managed solely by responsible medical personnel. **GRI 401 3-3 | GRI 401-2 | GRI 403 3-3 | GRI 403-6**

Benefits

GRI 401-2 | GRI 403-3 | GRI 403-6

- 180-day maternity leave and 30-day paternity
- Health insurance
- Dental insurance
- Life insurance
- Telemedicine
- Subsidy of 80% of the cost of prescription medicines
- Childcare stipend
- Shipping
- Travel insurance
- Private pension plan
- Reimbursement for gym/physical activity fees
- Food and meal vouchers



Employee Rafael Panichek at Elera Renováveis headquarters - Rio de Janeiro, RJ

New actions

GRI 403-6

Milhas de Saúde

The program encourages employees to engage in physical activities, meditation, cultural pursuits, leisure activities, and social responsibility through a dedicated application. In a three-month cycle, participants who actively participate in these activities are rewarded for their commitment and involvement.

Dra. Elera

Telemedicine and teleguidance service for all employees and their dependents. Available 24 hours a day, seven days a week and with no co-participation charges. This channel offers various services, allowing individuals to seek consultations, ask questions, receive nutritional and sports monitoring, as well as personalized monitoring specifically designed for pregnant women.

Dentista Online

Teleguidance via video and chat by specialized dentists.

Maternity and paternity leave

Elera provides 180 days of maternity leave and 30 days of paternity leave, with the possibility of extension at the company's discretion. In 2022, only one employee did not return to work after taking parental leave, resulting in a return rate of 94% for men when the leave

period ended. In other years, the return rate for both genders was consistently 100%. Furthermore, the retention rate, which refers to the percentage of employees who remain with the company after 12 months from the end of the leave, was 83% for women and 76% for men. **GRI 401 3-3 | GRI 401-3**

GRI 401-3

Maternity/paternity leave

	2022		2021		2020	
	Men	Women	Men	Women	Men	Women
Employees who took parental leave	18	6	27	7	23	13
Employees retained 12 months after return from parental leave	13	5	25	5	22	13
Retention rate	76%	83%	93%	71%	96%	100%

1. Considers permanent and temporary employees, and 100% are entitled to parental leave.

Service providers

In 2022, Elera employed 3,100 third-party workers engaged in various roles across its operations and construction projects. Typically, these workers are contracted for fixed periods, specifically to support the

development of specific projects in different areas of the company. They play crucial roles in tasks ranging from administrative and IT duties to operational work at the plants. Moreover, they are involved in activities

related to asset construction, machinery operation, construction engineering design, as well as those related to environmental licensing and management. For this report, we gathered data from all areas that utilize third-party contractors.

However, for assets in operation within the Southeast and Midwest regions, only fixed third-party workers who serve continuously throughout the year were considered for inclusion in the analysis. **GRI 2-8 | GRI 401 3-3 | GRI 401-3**

3,100 service providers

as of December 2022

GRI 2-8 | GRI 203 3-3 | GRI 203-2

GRI 2-8

Workers who are not employees

Type of worker	2022
Third parties (general)	275
Third parties – construction Janaúba Plant	1,779
Third parties – construction Seridó Plant	1,001
Interns	45
Total	3,100

Estimated data for construction workers.

Elera evaluates and provides training for all outsourced service providers, ensuring their compliance with the company's guidelines and policies. A critical requirement for all contractors is to adhere to the *Contractor Obligations for Health, Safety at Work, Personal and Property Safety, and Environment* document, which outlines Elera's specific requirements and procedures. **GRI 403-8** Participation in Health and Safety programs and

completion of the Daily Occupational Safety Plan (PDST) are obligatory prerequisites before undertaking any activities within the operational units. Elera's policies and guidelines establish the necessary certifications, individual and collective protection equipment, and training standards for the suppliers offering their services. Additionally, the procedures for addressing non-compliance cases by service providers are clearly defined in these policies. **GRI 2-8 | GRI 403 3-3 | GRI 403-5**

Professional development

In 2022, the ACelera Portal, our corporate learning platform, underwent a significant update and now provides access to over 50 courses, categorized into five key areas: culture, leadership, sustainable performance, operational excellence, and strategic relations. This learning space is strategically aligned with our business strategy and aims to contribute to the professional development and leadership training of our employees. This year, through ACelera, we proudly initiated the first class of the In-Company MBA in Business Management, with a specialized focus on the Electricity Sector. This MBA program is conducted in partnership with IBMEC. **GRI 401 3-3 | GRI EU14**

ACelera: most accessed courses

- How to elaborate your IDP
- Unconscious biases
- Power BI
- Negotiation: how to apply the Harvard method
- New leaders – 1st management

Internship Program

Throughout the year, all trainees undergo a structured Development Program, with behavioral and technical training.

Compliance training

The compliance and safety training at Elera adhere to stringent standards of norms and behaviors, with the primary goals of managing and minimizing risks in their operations.

Elera holds an unwavering commitment to ethical conduct, honesty, integrity, and strict adherence to legal and regulatory requirements. The company believes that fostering a culture of integrity is essential for business success and for promoting a more equitable society.

To ensure that all employees, regardless of their position, fully understand Elera's Code of Conduct and Ethics, annual training sessions are conducted. Furthermore, members of leadership, senior management, and individuals in sensitive roles undergo additional specialized training. This training addresses specific high-risk topics such as bribery, corruption, financial and accounting processes, and interactions with public authorities. As a result of these efforts, Elera achieved an impressive milestone, with 98% of employees being trained in compliance by the end of 2022. **GRI 205 3-3**

Goals

Provide environmental, health and safety onboarding training to 100% of new employees and contractors working at our facilities Train 100% of employees in topics related to ethics and integrity. **GRI 403 3-3**

Compliance Day

Annual event with lectures to engage and disseminate essential and non-negotiable concepts and values at Elera.

Safety

Ensuring the safety of our employees in the workplace is Elera's top priority. For those engaged in risky activities, we provide specialized training following the guidelines of Brookfield's renowned Canadian model, adapted to the Brazilian context, serving as a national benchmark for the industry. In 2022, we successfully reintroduced face-to-face classes for mandatory training in our regional offices, tailoring the training content according to the specific operational units. **GRI 403 3-3**

Management System

Safety is deeply ingrained in Elera's culture, given the nature of our business, with a clear policy aiming for zero high-risk incidents globally. To effectively manage safety, we have implemented the Safe Work Management System (SWMS), specifically designed for the electricity sector and compliant with the recent update of regulatory standard NR-1 (SEPRT Ordinance No. 6,730/2020), which emphasizes the importance of a risk management system. The SWMS

is modeled after Brookfield Renewable Partners' approach and encompasses 100% of our workers and activities, including service providers. It covers a wide range of activities, such as construction of new assets, maintenance (both corrective and preventive), local equipment and generating unit support, as well as operational and administrative tasks to optimize plant resources.

The implementation of the SWMS is prioritized based on the impact it can have on our safety culture, identified through thorough mapping.

The system's structure revolves around five pillars: leadership, risk management, education, monitoring and control, and protection. These pillars consist of a total of 21 elements, strategically addressing various areas and processes crucial for occupational safety. These 21 elements form the foundation for safety audits, the development of annual safety strategies, and the creation of the safety program manual.

For its application, three requirements are listed:

- **Compliance with applicable standards:** In addition to the minimum safety standards, any requirements specific to the given location must be observed and adhered to.
- **Applicability of Brookfield Renewable Partners' safety standards** even in organizations where it does not have direct management responsibility, but has some level of involvement or undertakes activities. In such cases, Brookfield Renewable Partners conducts thorough assessments to verify that safety standards align with its Safe Work Management System to maintain consistency across its operations.
- **Need for local procedures:** the organizational units of Brookfield Renewable should develop local procedures that establish the management principles for each of the elements of the Safe Work Management System. The provisions of

the local procedure must not conflict with or be less restrictive than those of the corporate procedures.

Risk monitoring

Each year, organizational units within Brookfield Renewable Partners are required to conduct health, safety, and environmental risk analyses. To be recognized as world-class in terms of safety, these units must score above 80% in the audits.

For new facilities or operations under Brookfield Renewable Partners' responsibility, health, safety, and environmental risk assessments must be carried out within six months of acquisition, with the action plan implemented thereafter. Additionally, an audit must be conducted within two years of the acquisition. **GRI 403 3-3 | GRI 403-1**

At all Elera sites, a comprehensive risk analysis program is conducted to identify

potential high and medium-risk hazards inherent to the activities and locations. This program involves recognizing and assessing specific barriers, quantifying the risk level of each hazard, and recommending corrective actions when deemed necessary. Qualified health and safety professionals conduct these analyses periodically. After the initial review, a more detailed risk analysis must be conducted every five years, and corrective actions for high and medium-risk hazards are reported to safety management audits.

Employee participation is integral to risk monitoring, with employees required to promptly report any unsafe conditions they identify to the appropriate authority.

The company adopts a specific methodology to investigate and address all incidents involving employees, contractors, subcontractors, and neighboring populations. and safety professionals.

Formal Occupational Health and Safety Committee

GRI 403-4

- The Committee convenes three times annually and covers all operational technologies (hydraulic, wind, solar, and biomass thermal).
- Composed of employees from various hierarchical levels, who assist in monitoring and guiding occupational health and safety programs.

In the event of a high-risk incident, a comprehensive investigation is carried out by an independent team. Elera's Safety Health specialists play a crucial role in advising, planning, guiding, monitoring, and executing activities related to the Safe Work Management System (SWMS) and safety programs. They ensure compliance with regulatory standards for both plant operations and the construction of new assets, ensuring that all units meet the required safety standards and adhere to government regulations regarding occupational safety. To maintain confidentiality and employee privacy, access to health data is restricted to occupational health professionals only.

GRI 403 3-3 | GRI 403-2 | GRI 403-3

Elera takes extensive measures to ensure the safety of its contractors and subcontractors, requiring them to adhere to the Contractor Obligations for Health, Occupational Safety, Personal and Property Security, and Environment, which accompanies each contract. Workers engaged in activities involving risks undergo comprehensive Health and Safety training covering

management system procedures and mandatory training based on regulatory standards. Monthly team meetings with expert involvement are conducted, and targets are set for safe work observations, quality assessments of daily safety plans, pre-work meeting evaluations, and safety-focused inspections of the work environment. The formal Occupational Health and Safety Committee represents 100% of employees. In Brazil, the guiding document for actions is the *Health, Safety at Work, Personal and Property Safety, and Environment Policy*, developed based on legal and regulatory requirements.

The prevention and mitigation of incident impacts on health and safety aligns with Elera's dedicated health and safety policy. In pursuit of this goal, we adhere to the following principles of Occupational Health and Safety:

- Risk management focused on eliminating high-risk events.
- Active participation of the company's leadership in health and safety management.
- Every employee or contractor

at Elera possesses the right and responsibility to actively contribute to a safe working environment. They have the authority to halt work immediately if they identify conditions or actions that are deemed unsafe.

- Extensive planning and preparation for emergency situations. **GRI 403 3-3 | GRI 403-4 | GRI 403-5 | GRI 403-7**

Non-mandatory training

- SWMS – Safe Work Management System – General
- SWMS – Safe Work Management System – Administrative
- LOTO Blocking and Labeling – PSO 04
- HSS&E Planning – Health, Safety and Environment – at work
- HSS&E Management – Health, Safety and Environment – contractors
- Safe Work Observation – PSC 10
- Incident Investigation – HSS&E 04
- Lashing and Lifting Loads
- Defensive Driving

Occupational accidents

In 2022, the rate of reportable occupational accidents was 0 for our own employees, while for third-party workers, it was 1.62, and fortunately, no fatalities were recorded.

The total recordable incident rate (TRIR) for employees and third-party workers combined was 1.41, and the total near miss frequency rate (NMFR) was 0.12.

IF-EU-320a.1

The identified serious risks primarily revolved around the use of energized electrical equipment, falls from heights, and accidents involving heavy equipment. Our established methodology allows us to identify hazards efficiently. Before commencing any activity, a Daily Work Safety Plan is prepared, evaluating the activity and implementing necessary control, safety, and support mitigation barriers to ensure a secure working environment for all.

GRI 403 3-3 | GRI 403-9

GRI 403-9

Work-related injuries

	2022		2021		2020	
	Employees	Workers ¹	Employees	Workers ¹	Employees	Workers ¹
Number of hours worked	1,167,440	7,423,552	1,142,468	7,504,067	1,116,209	1,042,244
Number of fatalities as a result of work-related injury	0	0	0	0	0	0
Rate of fatalities as a result of work-related injury	0	0	0	0	0	0
Number of severe work-related injuries (excluding fatalities)	0	0	0	1	0	0
Rate of severe work-related injuries (excluding fatalities)	0	0	0	0.13	0	0
Number of work-related injuries (including fatalities)	0	12	1	15	5	5
Rate of work-related injuries (including fatalities)	0.00	1.62	0.88	2.00	4.48	4.80

1. Third party workers who are not employed, but whose work and/or workplace is controlled by the organization. / 2. Rates were calculated based on 1 million hours worked and premises of ABNT/NBR 14280 and GRI Standards (mandatory communication and serious consequence). / 3. Numbers and rates consider employees and third parties in Brazil, Uruguay and Chile.

IF-EU-320a.1

Health and safety of the workforce

	Company employed professionals	Third-party professionals	TOTAL
TRIR	0	1.62	1.40
Fatality rate	0	0	0
NMFR	0	0.13	0.12

Elera acknowledges the significance of fostering diversity among its employees, as it serves as a foundation for upholding dignity in relationships, providing equal opportunities, and promoting fairness within the workplace.

Diversity

This topic is managed by the Diversity and Inclusion Committee, led by the company's CEO. The Committee brings together, on a voluntary basis, the Affinity Groups, which hold periodic meetings to discuss topics of interest. We have zero tolerance for cases of harassment and discrimination and we provide a specific channel for reporting and clarification of doubts for issues related to diversity. Our diversity policy focuses on four strategic guidelines for action. **GRI 405-1**



Employee Camila Cunha – Elera Renováveis Office

GRI 405-1

Diversity among employees by employee category and gender

Employee category	2022			2021			2020		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
CEO	1	0	1	1	0	1	1	0	1
	100%	0%	100%	100%	0%	100%	100%	0%	100%
Vice-Presidents	6	0	6	6	1	7	7	1	8
	100%	0%	100%	86%	14%	100%	87%	13%	100%
Board	19	4	23	17	1	18	13	1	14
	83%	17%	100%	94%	6%	100%	93%	7%	100%
Managers	31	13	44	27	16	43	30	13	43
	70%	30%	100%	63%	37%	100%	70%	30%	100%
Administrative/Operational	358	133	491	334	124	458	343	108	451
	73%	27%	100%	73%	27%	100%	76%	24%	100%
Total	415	150	565	385	142	527	394	123	517
	73%	27%	100%	73%	27%	100%	76%	24%	100%

The count of apprentices is included in the Administrative/Operational category.



GRI 405-1

Diversity among employees by employee category and age group

Employee category	2022				2021				2020			
	Under 30	31 to 50 years of age	Over 50 years old	Total	Under 30	31 to 50 years of age	Over 50 years old	Total	Under 30	31 to 50 years of age	Over 50 years old	Total
CEO	0	1	0	1	0	1	0	1	0	1	0	1
	0%	100%	0%	100%	0%	100%	0%	100%	0%	100%	0%	100%
Vice-Presidents	0	6	0	6	0	7	0	7	0	6	2	8
	0%	100%	0%	100%	0%	100%	0%	100%	0%	75%	25%	100%
Board	0	19	4	23	0	15	3	18	0	12	2	14
	0%	83%	17%	100%	0%	83%	17%	100%	0%	86%	14%	100%
Managers	0	40	4	44	1	36	6	43	0	35	8	43
	0%	91%	9%	100%	2%	84%	14%	100%	0%	81%	19%	100%
Administrative/Operational	91	375	25	491	82	346	30	458	86	336	29	451
	19%	76%	5%	100%	18%	76%	6%	100%	19%	75%	6%	100%
Total	91	441	33	565	83	405	39	527	86	390	41	517
	16%	78%	6%	100%	16%	77%	7%	100%	17%	75%	8%	100%

The count of apprentices is included in the Administrative/Operational category.

GRI 405-1

Black and disabled employees by employee category

Employee category	2022		2021		2020	
	Blacks and browns	PWDs	Blacks and browns	PWDs	Blacks and browns	PWDs
CEO	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%
Vice-Presidents	2	0	2	0	1	0
	33.3%	0%	28.6%	0%	12.5%	0%
Board	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%
Managers	8	0	5	0	5	0
	18.2%	0%	11.6%	0%	11.6%	0%
Administrative/Operational	181	24	160	13	157	12
	36.9%	4.9%	34.9%	2.8%	34.8%	2.7%
Total	191	24	167	13	163	12
	33.8%	4.2%	31.7%	2.5%	31.5%	2.3%

The count of apprentices is included in the Administrative/Operational category.

In 2022, Elera conducted a comprehensive survey to evaluate the diversity landscape within the company. Based on the findings, specific goals were set, and initiatives were implemented to promote diversity. Remarkable advancements have been made regarding gender representation, with women occupying positions in traditionally male-dominated operations, and even breaking ground as the first female lead technician, leading operations at the Janaúba Solar Complex. Elera firmly believes that embracing diversity creates value and fosters a positive climate, benefiting both the business and its workforce. While considerable progress has been achieved, the company recognizes that there are still opportunities to further evolve in this area. **GRI 203 3-3 | GRI 405-1**

People training and development

Include the topic of diversity in leadership skills, performance appraisals and the training agenda for employees.

Joining coalitions and thematic movements

Engage Elera in sectoral pacts to accelerate progress on equity goals and establish partnerships with specialized institutions.

Talent attraction and retention

Implement actions and benefits to support diverse groups and foster equal opportunities, promoting a level playing field in the recruitment and selection of new employees.

A chain of diversity

Extend the concerns and initiatives of the diversity and inclusion program to stakeholders to promote the topic.

GRI 405-1

2021 vs. 2022

4 p.p. increase
of the presence of blacks and browns in the general structure

60% increase
of blacks and browns in management positions

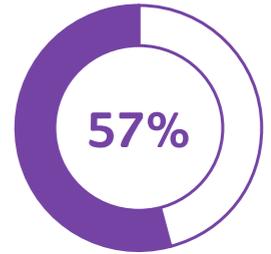
85% increase
of PWDs



Part of the women's team at the Janaúba Solar Complex

Women empowerment

Elera is deeply committed to promoting empowerment, with a particular emphasis on women. In 2022, we organized four classes of the Professional Training in Photovoltaic Systems course in Janaúba (MG). This initiative, initially designed as a social action, not only provided substantial training, but also led to valuable employment opportunities. Out of the 88 students who participated in the course, an impressive 75% were women, who are now proficiently trained in the installation and maintenance of solar energy generators. Through this program, each participant received opportunities to directly or indirectly engage in the company's activities.



of trained women accepted positions in the construction and operation areas

At the Seridó Complex (RN), Elera conducted four months of training courses, with active participation from women, during which we skillfully trained 70 professionals in iron reinforcement and masonry work. **GRI 2-25 | GRI 203 3-3 | GRI 203-2 | GRI 413-1**

In October 2022, we launched the Women's Mentoring Program in collaboration with a specialized consultancy. The program's primary objective is to accelerate the development of female employees, fostering positive

outcomes that gender equity brings to the organization and cultivating an inclusive culture. The Mentoring Program comprises a series of workshops, coaching sessions, and evaluations, along with involvement from the participants' managers.

The initiative aims to deepen knowledge in practices and tools that promote a gender-inclusive culture. The program spans nine months and includes a diverse group of 20 women from various areas of expertise within the company.

GRI 203 3-3 | GRI 203-2

Employment and engagement

In 2022, Elera surpassed its workplace climate goals, achieving outstanding results as confirmed by the Pulses survey. This survey, conducted over the course of a year, garnered an impressive 80%

engagement rate, providing valuable insights into employees' perceptions on diverse aspects, including professional growth, leadership, well-being, and career progression. The Suggestion Box was another effective

communication channel that further facilitated internal relationships. Through these initiatives, Elera is committed to ensuring the continuous development and retention of its talented workforce. **GRI 2-29**

Relationship with clients

Elera's strategic approach revolves around providing tailor-made renewable energy solutions to cater to diverse demands and services across all regions of Brazil.

Our operations encompass collaborations with public sector energy distributors in the Regulated Contracting Environment (ACR) and the commercialization of energy to cater to end consumers in the Free Contracting Environment (ACL).

In 2022, Elera's commercial team conducted an in-depth analysis using the Win/Loss method, engaging with prospective customers and companies. The objective was to comprehend the reasons behind the decision-making process, whether there was a purchase of the proposed products or not. To carry out this work, Elera collaborated with the Institute of Research and Business Consulting (IPECOE), and the analysis took

place during the months of February and March. Twenty-seven representatives from 25 companies participated in the interviews. Elera received an impressive score of 9 out of 10 from its existing customers and a score of 8 from the prospective companies. These valuable results and insights garnered through the interviews provided essential competitive intelligence, empowering Elera to enhance negotiations and business strategies throughout the year.

The highlight of the year was the inaugural Elera Experience, a remarkable relationship event that brought together customers and partners. During this event, our commercial team shared pertinent information about the electricity market and its future challenges. The event was designed to be environmentally conscious, being a carbon-neutral event. As a result, it was awarded a Reduced Emissions Certificate (CER) by the United Nations Framework Convention on Climate Change (UNFCCC). **GRI 2-6 | GRI 2-29**

Active customers

77
free consumers

41
distributors

40
trading entities



2022 Elera Experience

Main products and services

Sale of subsidized conventional model electricity, with 50% discount and with 100% discount

Operational management before the Chamber of Electric Energy Commercialization

I-REC — Renewable Energy Certification

Electricity autoproduction



Renascença Wind Farm Complex

Relationship with suppliers

Elera's supply chain primarily consists of service providers in various categories, including engineering and construction, equipment manufacturers (such as batteries and solar panels), works and maintenance services, as well as IT services and consultancies.

Among the local suppliers, there are small providers of facilities and maintenance services, local retailers supplying consumables like construction material, electrical and hydraulic materials, and providers offering food and accommodation-related services.

When forming business relationships, Elera ensures that its partners are reputable. The service contracts establish clauses regarding risks and non-compliances related to environmental, social, and labor aspects, with specific ESG criteria in the assessment. To engage with suppliers, adherence to the Code of Conduct and Corporate Ethics and compliance with the Anti-Bribery and Anti-Corruption Policy are mandatory. Additionally, suppliers must complete

the ABC Risk Mapping form. Elera has also implemented the Supply Chain ESG assessment procedure, aimed at evaluating suppliers based on ESG principles throughout the procurement and contracting process, as well as during the provision of contracted services.

During the procurement process, due diligence is conducted to assess third-party contracting risks, including investigations into allegations, prosecutions, convictions, corruption, money laundering, economic sanctions, and regulation. The assessment also covers suppliers with active transactions, except for those related to land lease, government contracts, intercompany agreements, fees, and consortia developed for the construction of new assets. If any actual or potential negative impacts of a supplier are identified, Elera takes proactive measures by developing an action plan for prevention and mitigation. If a supplier does not respond effectively to address the identified issues, the company considers terminating the contract.

GRI 2-6 | GRI 2-23 | GRI 203 3-3 | GRI 203-2 | GRI 205 3-3 | GRI 205-2

Projects and initiatives

The engagement of our trading partners to the ESG agenda greatly evolved in 2022. We rely on their assistance in reporting the data for calculating emissions from Elera's assets under construction and we are accounting for more reliable scope 3 data from our value chain. **GRI 2-29 | GRI 203 3-3 | GRI 203-2 | GRI 305 3-3**

Engagement and communication channels

The Elera Supplier Portal gathers information on the required ESG criteria, the general contracting conditions, policies and the Code of Conduct. It is the primary means of communication between the company and its business partners. **GRI 2-29**

Social investments

Elera is deeply committed to enhancing the economic development of the communities in which it operates. As part of its purchasing practices, the company actively seeks to engage suppliers and labor from the local region. To qualify as local suppliers, Elera considers those based in cities with a population of less than 250,000 inhabitants, and without existing branches registered in the company's system. Starting in 2022, Elera expanded its definition of local suppliers to include those located in cities where its plants are situated, as well as cities bordering these plant locations.

GRI 204 3-3

GRI 204-1

Proportion of spending on local suppliers

Procurement budget used in major operational units that is spent with local suppliers	2022	2021	2020
Total budget amount for suppliers (BRL)	1,427,967,959.00	1,756,408,153.35	5,677,780,676.74
Total amount spent with local suppliers (BRL)	150,508,362.58	164,805,713.98	3,109,909,943.26
Percentage of budget spent with local suppliers	10.54%	9.38%	54.77%

Up to 2020, a supplier was considered local if its registered city was among the list of cities where the Company's companies are located. However, starting in 2021, this metric was updated, and the definition of a local supplier expanded to include suppliers based in small cities with populations of up to 250,000 inhabitants, even if they did not have branches registered in our system. This revision aimed to improve the mapping of local trade activities. In 2022, the definition was further expanded to include suppliers located in cities where the plants are situated or those bordering such cities.



Data source 21: 21 Report, page 49

In 2022, local suppliers accounted for 5.1% of the total traded volume of products and 24.1% of services.

GRI 203 3-3 | GRI 203-2 | GRI 204-1

Relationship with the community

Elera's Social Responsibility Policy serves as a guiding framework to achieve positive outcomes for society, the environment, and the business. The local communities are regarded as the public located within the direct and indirect influence of the company's assets. Elera fosters a relationship with these communities based on transparency and open dialogue. The primary objective is to prevent the need for community relocation. However,

if relocation becomes necessary, the company strives to minimize and mitigate its impacts, ensuring the preservation of the quality of life, social connections, and cultural relations of the affected individuals, with a strong commitment to the principle of equality.

For individuals who are displaced, Elera provides compensation and conducts a thorough survey to assess their housing and improvements. Our Community

Relations Policy outlines specific goals until 2026, with a focus on fostering effective resident participation in decision-making processes. Collaboratively, with the community members, the company determines the new locations for relocated families and ensures suitable housing conditions. Subsequently, monitoring is conducted to evaluate the adaptability of the families to their new environment. **GRI 2-25 | GRI 413 3-3 | GRI 413-1 | GRI 413-2 | GRI G4-DMA**



Training for our female labor force at the Janaúba Solar Complex

Community Relations Policy targets until 2026

GRI 2-25 | GRI 203 3-3 | GRI 203-3 | GRI 413 3-3 | GRI 413-1 | GRI 413-2 | GRI G4-DMA

- Production of social-economic diagnosis for 100% of the projects under construction
- Production and/or updating of social-economic diagnosis for 100% of the projects in operation whose activity is pertinent
- Production of stakeholder matrix for 100% of the projects
- Update stakeholder matrix for 100% of projects with such existing document
- Production of engagement plan for 100% of the projects in operation
- Execution of engagement plan containing the minimum requirements informed for the projects in operation with such existing document
- Hiring at least 60% of local labor to work in the construction of each project under development
- Preference for local suppliers and/or those who prove local employees for projects in operation

GRI EU22

Relocation and compensation in 2022

Asset	Families	Persons compensated	Persons relocated	Amount
Seridó Complex	2	5	0	BRL 65,185



Training at the Janaúba Solar Complex

GRI 413-1

Operations with local community engagement, impact assessments, and development programs

Type of initiative	% of operations in 2022
i. Social impact assessments, including gender impact assessments, based on participatory processes (environmental impact assessments related to renewal or application for operational licensing)	13%
ii. Environmental impact assessments and continuous monitoring (continuous social-environmental programs)	100%
iii. Public disclosure of the results of environmental and social impact assessments (public analysis of studies related to licensing processes)	13%
iv. Local development programs based on the needs of local communities (private social investment actions)	38%
v. stakeholder engagement plans based on stakeholder mappings (elaboration/review of stakeholder matrix)	91%
vi. Committees and processes for broad consultation with the local community, including vulnerable groups (public hearing, public consultation or public meeting)	45%
vii. Worker councils, occupational health and safety committees and other worker representative bodies to discuss impacts	48%
viii. Formal complaint processes by local communities (Community Helpline, contato@elera.com.br, social analysts working with communities, community meetings/social-environmental programs)	100%

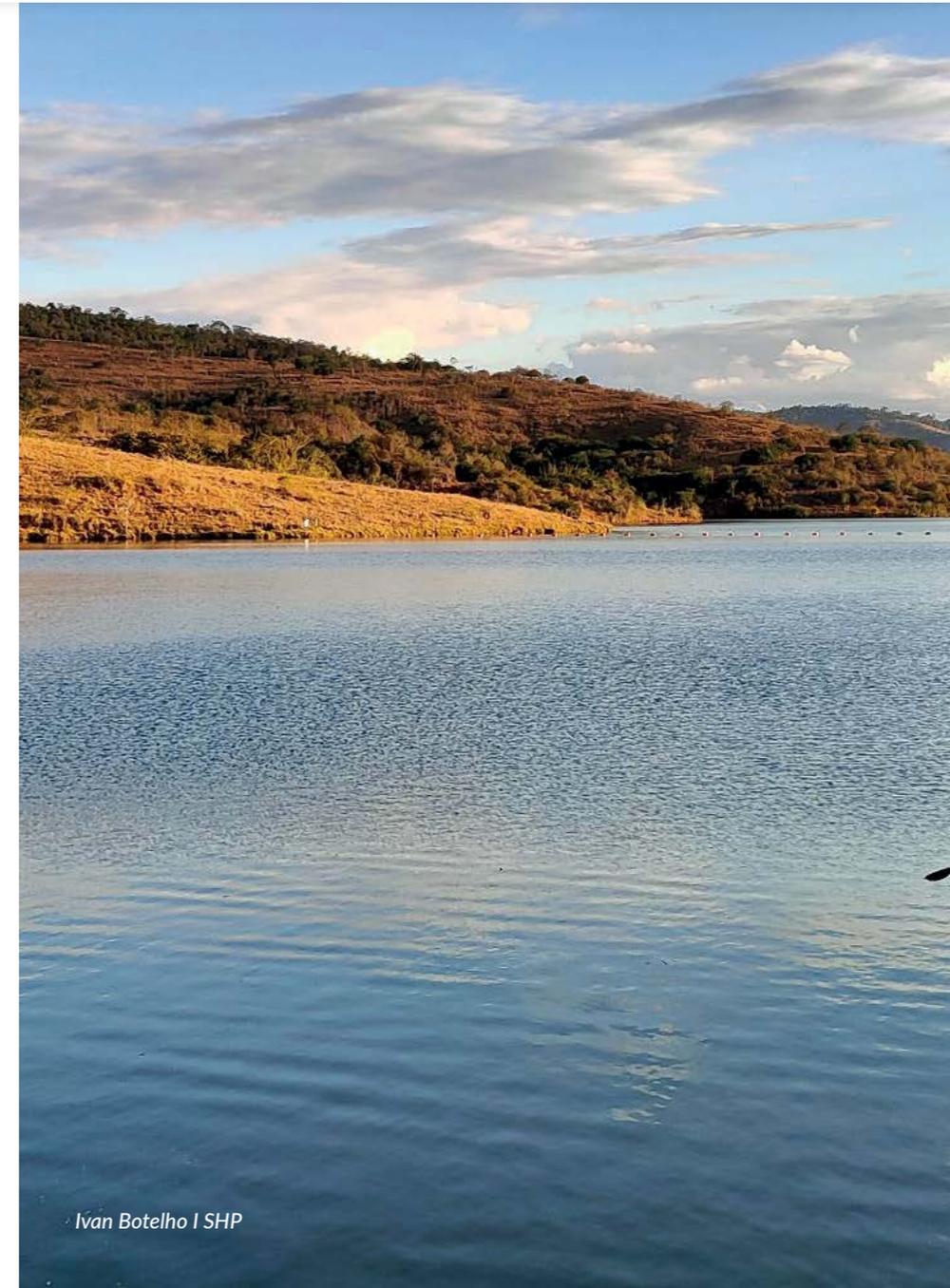
The survey methodology for this indicator has undergone modifications, including changes in the scope and timing of the initiatives assessed. The focus is now solely on accomplishments within the reporting year. As a result of this adjustment, comparing the 2022 percentages with those published in the previous report is not feasible. Each complex, whether solar or wind, or hydroelectric plants sharing the same area of influence due to their proximity, is now considered as one unit. This includes both assets currently under construction and those already in operation.

GRI 413-2

Operations with significant negative impacts¹ – actual and potential – on local communities

Generating source	Actual and potential negative impacts of operations	Intensity or severity of impacts	Probable duration of impacts	Reversibility of impacts	Scale of impacts
Solar	Generating expectations about the enterprise	Average	During the development, deployment and operation of the project	Reversible	Low
	Increased demand on local infrastructure (roads, health facilities)	High	During project deployment	Reversible	High
	Increased demand on local infrastructure (water resources)	Average	During the development, deployment and operation of the project	Reversible	Average
Wind	Generating expectations about the enterprise	Average	During the development, deployment and operation of the project	Reversible	Low
	Increased demand on local infrastructure (roads, health facilities)	High	During project deployment	Reversible	High
	Increased demand on local infrastructure (water resources)	Low ²	During project deployment and operation	Reversible	Low ²
	Interference in the natural landscape and noise generation	Low	During project deployment and operation	Reversible	Low
Hydroelectric	Generating expectations about the enterprise	Average	During the development, deployment and operation of the project	Reversible	Low
	Flooding of areas altering the ecosystem (aquatic life, proliferation of macrophytes) and people's way of life (social, cultural and historical aspects).	High	During project deployment and operation	Irreversible	High
	Increased demand on local infrastructure (roads, water resources, health facilities, among others)	High	During project deployment	Reversible	High
Biomass	Generating expectations about the enterprise	Average	During project operation	Reversible	Low
	Emissions of pollutants such as particulate matter and nitrogen oxide gases (NOx)	Low	During project operation	Reversible	Low
	Increased demand on local infrastructure (roads, water resources, health facilities, among others)	High	During project operation	Reversible	High

1. For solar, wind and hydroelectric assets, the referenced impacts occur in the area of direct and indirect influence of the projects. / 2. EIA EIR Evidence at Renascença.



Social commitment

Elera's investment approach includes assessments of environmental and socioeconomic indicators within each community. Our goal is to develop projects that seamlessly align with the company's business strategy while empowering individuals to achieve self-sufficiency. Moreover, we strive to create replicable initiatives to amplify the positive impact generated.

All projects are closely correlated to the United Nations Sustainable Development Goals (SDGs), ensuring a strong alignment with global sustainability objectives. To ensure effectiveness and accountability, the company's Social Responsibility area diligently monitors the progress and outcomes of these projects. The support provided for these initiatives is thoughtfully distributed as follows:

- Social-environmental Notice – selection of sustainable development projects.
- Donations – provision of funds unrelated to financial return
- Sponsorships via tax incentive – support for culture, education, health and sports projects, prioritizing those that benefit the communities surrounding the plants.
- Private Social Investment – investment in communities, with the purpose of strengthening the relationship with stakeholders, consolidating our commitment to matters related to infrastructure, public safety, environment and social responsibility.
- Corporate Volunteer Program – encouraging employees to participate in volunteer initiatives.

GRI 203 3-3 | GRI 203-2 | GRI 413 3-3 | GRI 413-1 | GRI 413-2

GRI 203-2

Total social investment (BRL thousand)

	2022	2021	2020
Tax incentives ¹	103.07	0.00	401.50
Company-provided investment ²	3,741.28	2,432.59	3,114.30
Special Investments ³	0.00	1,414.16	3,706.49
Total	3,844.35	3,846.75	7,222.29

1. Law No. 12.213/2010 – National Fund for the Elderly and Law No. 11,438/2006 – Sports Incentive Law. / 2. Social-environmental Notice, donations by free will, emergency donations, social investment, BNDES, indigenous agreement, corporate volunteering, economic reactivation, sponsorship. / 3. Donations towards the fight against the covid-19 pandemic and its effects.



Elera Conecta 2022



Projects and initiatives

GRI 203 3-3 | GRI 203-2 | GRI 413-2

The Social-Environmental Call for Proposals is an ongoing initiative by Elera, running successfully for 11 years, to select projects that foster sustainable development in various regions. To be considered eligible, projects must align with at least one of the following three strategic axes:

Climate change and local development

Strengthen models of production, provision of services and formation of solidarity networks.

- Family farming: support sustainable rural development through resilient production systems, income generation, value addition to products, and the establishment of a production model that respects and enhances natural resources.
- Solid waste management: facilitate the growth of inclusive organizations or businesses involving waste pickers, rural producers, and others through

training programs for production and management, engagement in marketing networks, adoption of value-adding technologies, and alignment with local public policies.

- Environmental education: promote collective empowerment by nurturing social values, knowledge, skills, attitudes, and competencies focused on environmental conservation and enhancing people's connection with nature.

Valuing human and economic capitals

Focus on holistic human development.

- Education for work: developing essential job skills and broadening opportunities for meaningful and dignified professional integration.
- Human rights education: facilitate initiatives to empower human rights movements and enhance public policy

forums, aiming to amplify and enhance community participation in these critical platforms.

- Education for social inclusion: implementing projects that ensure fundamental rights, provide access to decent working and living conditions, reduce social, racial, and gender disparities, and foster employment and income generation for communities.

Water security

Projects that aim to ensure universal access and water use sustainability. **GRI 303-1**

- Water resources management: implementing initiatives focused on reversing degradation processes and conserving springs, water sources, and watercourses.
- Access to water: implementing rational use practices to ensure the availability of water in both quantity and quality suitable for use and consumption. This involves actions related to water rationalization, collection, storage, and treatment, utilizing sustainable technologies.

In 2022, four projects were selected.

GRI 203 3-3 | GRI 203-2 | GRI 413-1 | GRI 413-2

Social-Environmental Notice Projects

Project	Description	Local	Beneficiary institution	Investment
Pomba River Sanitation Project GRI 303-1	Implementing the construction of evapotranspiration basins and banana circles to treat domestic sewage on properties in three rural communities within the municipality, while fostering environmental awareness among the population through participatory engagement.	Pomba River (MG)	Associação Agroecológica Ecolético	BRL 80,000
Edukatu Project SDG 7	Encourage conscious consumption and promote the appreciation of clean energy in schools within the state network of Rio Grande do Sul. Raise awareness and mobilize students and educators from the state's primary and secondary schools about the transition to renewable and clean energy sources.	Bom Jesus, Cotiporã, Dois Lajeados, Fagundes Varela, Guaporé, Jaquirana, Monte Alegre dos Campos, Nova Bassano, São Francisco de Paula, Serafina Corrêa, Vacaria (RS)	Instituto Akatu	BRL 75,000
Semeando Futuros Project	Strengthen the role of educators and students in their school communities to disseminate knowledge about traditional peoples and the cerrado biome. Support the implementation and revitalization of school gardens to enhance food and nutritional security for children and adolescents.	Goiânia (GO)	Instituto EcomAmor	BRL 69,241
Strengthening the Recicla Seridó Network	Implement initiatives to enhance solidarity-based selective waste collection, conducted by associations of recyclable material collectors within the Recicla Seridó Network.	Parelhas (RN)	Associação de Catadores de Materiais Recicláveis de Parelhas	BRL 65,207

BRL 17 million

invested by Elera in social initiatives over the last five years

BRL 6 million*

allocated for social and environmental investments in the region of the Oeste Seridó Wind Complex (RN)

*Voluntary amount and not bound by any legal obligation.



Other Social Projects in addition to the Social-Environmental Notice:

GRI 203 3-3 | GRI 203-2



Quem-Quem District Square – Janaúba, MG

Renovation of the Quem-Quem District Square, in Janaúba (MG)

The project, which commenced in October 2022 with an investment of BRL 1.7 million, involved the renovation of the court, construction of the roof, and landscaping of the entire area. The work was completed within 6 months. The structure was handed over to the community on April 12, 2023.

12,000 students

from participating schools directly benefitted in 47 schools

12 municipalities

benefitted

15 tons

of electronic waste collected

RN + Limpo project

RN + Limpo is an environmental education campaign aimed at encouraging proper disposal of electrical and electronic waste in the State of Rio Grande do Norte. This initiative is promoted by the State Government in collaboration with agencies like IDEMA, CAERN, IGARN, and SEMARH. Recognizing the significance of integrated environmental education efforts, Elera partnered with these government

agencies to fully fund the expansion of RN + Limpo to the Seridó region.

During Phase 1 of the project, which took place throughout 2022, electronic waste collection points were established in public institutions and rural areas. This allowed both the local communities and the general public to dispose of electronic waste in an environmentally responsible manner.



RN + Limpo Project

Engagement and communication channels

Elera maintains the Community Helpline (LAC). The 0800 toll-free line serves as a platform for addressing doubts, questions, and requests related to all company processes. Additionally, face-to-face service is facilitated by a field social analyst who periodically gathers potential community demands. **GRI 2-25 GRI 2-26**

LAC

0800 777 0772



Membership of associations and voluntary commitments

GRI 2-28 | GRI 2-29 | GRI 205 3-3

Elera actively engages in collaborative efforts with sector entities to advance the development of clean energy. The company strongly advocates for policies that facilitate clean energy generation, including initiatives like renewable mandates, local carbon markets, carbon pricing, and support for research and development. By participating in these initiatives, Elera aims to mitigate risks, capitalize on opportunities, and foster a conducive legislative and regulatory environment within the Brazilian electricity sector.

In line with its dedication to responsible business practices, Elera became a signatory to the UN Global Compact in 2022. This reaffirms the company's commitment to upholding human rights, promoting fair labor practices, preserving the environment, and combating corruption.

- Energy Research Office (EPE)
- National Electric Energy Agency (ANEEL)
- National Water Agency (ANA)

- Electric Energy Trading Chamber (CCEE)
- National System Operator (ONS)
- Brazilian Development Bank (BNDES)
- Brazilian Association of Independent Power Producers (APINE): Board of Directors
- Brazilian Association of Clean Energy Generation (ABRAGEL): Board of Directors
- Brazilian Association of Wind Energy (ABEEólica): Affiliated
- Brazilian Association of Photovoltaic Solar Energy (ABSOLAR): Affiliated
- Brazilian Association of Energy Traders (ABRACEEL): Affiliated
- Instituto Acende Brasil: Affiliated
- Brazilian Business Council for Sustainable Development (CEBDS): Affiliated
- Ethos Institute
- Brazilian Business Council for Sustainable Development (CEBDS)
- Brazilian Corporate Volunteer Council (CBVE)

About the report





Transparency and good practices

Elera Renováveis is pleased to present its consolidated performance for the operational year, encompassing data on environmental, climate, social, and economic indicators for the period from January 1 to December 31, 2022, coinciding with its financial report. This report will be published in June 2023. **GRI 2-3** Since the last published Report, there have been no significant restatements of information that would lead to changes in the scope of the report. **GRI 2-4**

Maintaining transparency as a guiding principle, Elera Renováveis diligently follows reporting practices in accordance with the Global Reporting Initiative (GRI) 2021 standards, ensuring accuracy and integrity. **GRI 2-3** Additionally, the company provides relevant information to address Sustainability Accounting

Standards Board (SASB) indicators and aligns with the 2030 Agenda indicators, reflecting the prioritization of ESG objectives in its strategy.

The economic and financial data presented herein has been sourced from the Financial Statements, which were published in March 2023 and thoroughly audited by an independent third party, ensuring reliability and credibility.

The report is subject to approval at a meeting of the company's ESG Committee, which includes the CEO and vice-presidents, collectively serving as the supreme governance body of Elera Renováveis with authority to endorse the content of this report. **GRI 2-14**

Internal

This will be Elera's first report to undergo third-party verification of the GRI and SASB indicators by the auditing firm Rina Brasil. **GRI 2-5**

Materiality and engagement

Following GRI guidelines, the content production and definition of indicators in this report align with the latest Elera Renováveis Materiality Matrix conducted in 2021, encompassing key stakeholder groups. **GRI 2-29**

Stakeholder engagement involved both internal (Elera Renováveis employees) and external audiences, comprising customers, suppliers, educational and research institutions, social organizations, and government agencies.

The process was structured according to the guiding principles outlined in the ESG 101 Guide, an integral part of Brookfield Renewable Partners' ESG Program, and adhered to the guidelines set forth by the Sustainability Accounting Standards Board (SASB).

The process of engaging and consulting with stakeholders to identify material topics involved multiple participants from various sectors of the company.

The survey was carefully tailored to address the unique characteristics of each audience, taking into account different scenarios such as region, respondent origin (internal or external), and respondent position (for internal responses).

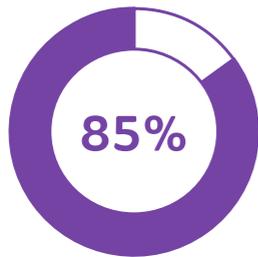
The outcome of this comprehensive process yielded 16 topics, each categorized under their respective pillars of environmental, social, and governance aspects, and encompassing relevant GRI indicators, Agenda 2030 goals, and UN Global Compact principles. **GRI 2-29**

Beyond the materiality process, ongoing stakeholder engagement and consultation initiatives are in place to continually comprehend the direct and indirect impacts of Elera's operations on various stakeholders. The aim is to foster open dialogue and actively involve stakeholders in the decision-making process. **GRI 2-29**

GRI 2-29

Consultation

The consultation obtained 346 responses:



293 Elera employees



53 external stakeholders



GRI 3-1 GRI 3-2 **Priority**

	Topics	Indirect		GRI Indicators	SDG
		Internal	External		
Tackling climate change	Elera is committed to minimizing any potential impacts arising from its operational sites. The company has formulated a robust Mitigation Plan, wherein it has set a clear objective of attaining a net zero Scope 1 and 2 emissions target for its existing renewable operations by the year 2030. This ambitious commitment was initiated in 2023 and is meticulously designed based on scientific principles, aligning closely with the goals of the Paris Agreement.	✓	✓	3-3 Management of material topics 302-1, 302-3 Energy 305-1, 305-3, 305-4, 305-7 Emissions	7 13
Ecosystem preservation and conservation	The preservation and conservation of ecosystems are of utmost importance to all of Elera's ventures, as they heavily rely on natural resources. Ensuring the prosperity of our activities hinges on the responsible stewardship of these vital ecosystems. Moreover, beyond the company's operations, the preservation and conservation efforts are crucial to safeguarding vulnerable populations and maintaining the delicate environmental balance of our planet.	✓	✓	3-3 Management of material topics 304-1, 304-2, 304-3, 304-4 Biodiversity	12 15
Water and waste management	Water management holds immense significance for both society and our company, as we are involved in over 40 water projects. It plays a crucial role in sustaining life and ensuring the success of our business. Equally important is the management of waste, which encompasses its responsible generation and disposal, as this practice is vital for fostering sustainable development.	✓	✓	3-3 Management of material topics 303-1, 303-2, 303-3, 303-5 Water and effluents 306-1, 306-2, 306-3, 306-4, 306-5 Waste	6 7 12 13 15
Improved community relations	Enhancing the relationship with neighboring communities is of utmost importance to our operations. It is a crucial step in ensuring a healthy and sustainable business environment in the long run. By acting preventively and proactively, we aim to foster mutual understanding and trust, which leads to value creation for all parties involved.	✓	✓	3-3 Management of material topics 413-1, 413-2 Local communities	8 10
Employment and income generation for local communities (including indigenous and traditional groups)	As the impacts of our enterprises are concentrated in their respective territories, we recognize the significant opportunity to create a positive influence on local communities through the generation of employment and income. We believe that fostering economic opportunities at the local level not only benefits individuals and families but also contributes to the overall development and well-being of the communities we operate in.	✓	✓	3-3 Management of material topics 203-1, 203-2 Significant indirect economic impacts 204-1 Procurement practices	8
Ensuring the well-being and safety of employees	The company is built by its employees and workers. Therefore, ensuring their well-being and safety also means ensuring the prosperity of the company and the success of its business.	✓		3-3 Management of material topics 401-1, 401-2, 401-3 Employees 403-1, 403-2, 403-3, 403-4, 403-5, 403-6, 403-7, 403-9 Occupational health and safety	8 10
Tackling corruption and commitment to business ethics	Fighting all forms of corruption and business ethics are key issues to ensure that companies act in a correct, responsible and sustainable way, adopting a culture of zero tolerance for corruption cases, as well as taking into account not only their own financial interests, but also the social and environmental impacts of their activities.	✓	✓	3-3 Management of material topics 205-1, 205-2, 205-3 Anti-corruption 206-1 Anti-competitive behavior	16
Transparency in the management of risks	This topic serves as a fundamental tool for mitigating and avoiding risks in the future, providing valuable opportunities for learning. Transparent management plays a pivotal role in genuinely understanding the risks associated with each activity.	✓	✓	3-3 Management of material topics 2-6 Activities, value chain and other business relationships 2-26 Mechanisms for seeking advice and raising concerns	16 17
Data security and privacy	Given the new GDPR regulations, it is crucial to approach this topic with utmost care. The significant volume of data generated and circulated internally by the company makes data security and privacy essential for the success and prosperity of the business.	✓	✓	3-3 Management of material topics 418-1 Customer privacy	16

Questions and suggestions about the content of the reports

e-mail: esg@elera.com
GRI 2-3

Companies included in the report

GRI 2-2

The financial information on entities is consolidated based on the principles outlined in CPC 15 and CPC 36. However, for ESG reporting, an operational control approach is adopted, encompassing data from all assets for which we hold operational management responsibility. Although the assets in Uruguay and Chile are not part of Elera Renováveis' Financial Statements, they are included in the ESG Report.

The list of entities covered in this report aligns with the audited consolidated Financial Statements for the 2021 financial year. Entities not covered include those in Uruguay and Chile, as well as Equity Investment Funds (FIPs) and Limited Liability Companies, which are reported in Brookfield Renewable Partners' financial statements.



Ivan Botelho Hydroelectric Plant

Related indicators

In this section, Elera Renováveis presents the indicators selected based on material topics, distributed according to GRI and SASB summaries, and aligned with the 2030 Agenda and Global Compact.

GRI Content Index

Elera Renováveis S.A. has compiled the information presented in this GRI content summary for the period spanning from January 1st, 2022, to December 31, 2022, in accordance with the GRI Standards.

GRI STANDARDS	Disclosure	Page/reply	Omission	SDG	Global Compact	
GRI 2 GENERAL DISCLOSURES 2021	GRI 1 FOUNDATION 2021 – GENERAL DISCLOSURES					
	2-1	Organizational details	8, 9			
	2-2	Entities included in the organization's sustainability reporting*	24, 88			
	2-3	Reporting period, frequency and contact point*	85, 87, 97			
	2-4	Restatements of information	As we enhanced the process of managing and measuring indicators, we discovered opportunities for improvement in disclosure. This resulted in adjustments to the information presented in the previous report, as indicated in the respective contents.			
	2-5	External assurance	85			
	2-6	Activities, value chain and other business relationships*	12, 19, 31, 39, 40, 41, 42, 73, 74		16, 17	
	2-7	Employees*	61			
	2-8	Workers who are not employees*	64			
	2-9	Governance structure and composition*	24, 25, 26			
	2-10	Nomination and selection of the highest governance body*	24, 25, 26			
	2-11	Chair of the highest governance body	24, 25, 26			
	2-12	Role of the highest governance body in overseeing the management of impacts	26, 27, 28			
	2-13	Delegation of responsibility for managing impacts	25, 26			
	2-14	Role of the highest governance body in sustainability reporting	26, 85			
	2-15	Conflicts of interest*	36			
	2-16	Communicating critical concerns	27, 35			
	2-17	Collective knowledge of highest governance body	26, 34			
	2-18	Evaluation of the performance of the highest governance body	28			
	2-19	Remuneration policies*	27			
	2-20	Process to determine remuneration	27			
	2-21	Annual total compensation ratio	Reason for omission – confidentiality restrictions – the information is confidential			
2-22	Statement on sustainable development strategy*	4				

*Indicators assured by Rina.

GRI STANDARDS	Disclosure	Page/reply	Omission	SDG	Global Compact
	GRI 1 FOUNDATION 2021 - GENERAL DISCLOSURES				
GRI 2 GENERAL DISCLOSURES 2021	2-23 Policy commitments	33, 34, 35, 74			
	2-24 Embedding policy commitments	33, 34			
	2-25 Processes to remediate negative impacts*	72, 76, 82			
	2-26 Mechanisms for seeking advice and raising concerns*	28, 30, 35, 82		16, 17	
	2-27 Compliance with laws and regulations*	Throughout the reporting period, there were no fines considered significant that were definitively imposed on the company. Elera considers amounts above BRL 1 million to be significant in this context.			
	2-28 Membership associations	18, 83			
	2-29 Approach to stakeholder engagement	72, 73, 75, 83, 86			
	2-30 Collective bargaining agreements*	61			
GRI 3 - MATERIAL TOPICS 2021	3-1 Process to determine material topics*	87			
	3-2 List of material topics	87			
	GRI 1 FOUNDATION 2021 - MATERIAL TOPICS				
	MATERIAL TOPIC: GENERATION OF EMPLOYMENT AND INCOME FOR LOCAL COMMUNITIES				
GRI 3 - MATERIAL TOPICS 2021	3-3 Management of material topics	64, 71, 72, 74, 75, 76, 79, 80, 81			
GRI 203 - INDIRECT ECONOMIC IMPACTS 2016	203-1 Infrastructure investments and services supported	87		8	4; 5
	203-2 Significant indirect economic impacts*	64, 72, 74, 75, 79, 80, 81, 82, 87		8	4; 5
GRI 3 - MATERIAL TOPICS 2021	3-3 Management of material topics*	75			
GRI 204 - PROCUREMENT PRACTICES	204-1 Proportion of spending on local suppliers*	75, 87		8	4; 5
	MATERIAL TOPIC: TACKLING CORRUPTION AND COMMITMENT TO BUSINESS ETHICS				
GRI 3 - MATERIAL TOPICS 2021	3-3 Management of material topics	26, 33, 34, 36, 65, 74, 83			
GRI 205 - ANTI- CORRUPTION 2016	205-1 Operations assessed for risk related to corruption*	34, 87		16	10
	205-2 Communication and training about anti-corruption policies and procedures*	34, 74, 87		16	10
	205-3 Confirmed incidents of corruption and actions taken*	87		16	10
GRI 3 - MATERIAL TOPICS 2021	3-3 Management of material topics	29			
GRI 206 - ANTI-COMPETITIVE BEHAVIOR 2016	206-1 Legal actions for anti-competitive behavior, anti-trust, and monopoly practices*	36, 87		16	10

*Indicators assured by Rina.

GRI STANDARDS	Disclosure	Page/reply	Omission	SDG	Global Compact
GRI 3 - MATERIAL TOPICS 2021	MATERIAL TOPIC: TACKLING CLIMATE CHANGE				
	3-3 Management of material topics	39			
GRI 302 ENERGY 2016	302-1 Energy consumption within the organization*	49, 87		7; 13	7; 8; 9
	302-3 Energy intensity*	49, 87		7; 13	7; 8; 9
GRI 3 - MATERIAL TOPICS 2021	MATERIAL TOPIC: WATER AND WASTE MANAGEMENT				
	3-3 Management of material topics	50, 51, 52, 59			
GRI 303 WATER AND EFFLUENTS 2018	303-1 Interactions with water as a shared resource*	50, 51, 80, 81, 87		6; 7; 12; 13; 15	7; 8; 9
	303-2 Management of water discharge-related impacts*	52, 87		6; 7; 12; 13; 15	7; 8; 9
	303-3 Water withdrawal*	51, 87		6; 7; 12; 13; 15	7; 8; 9
	303-5 Water consumption*	52, 87		6; 7; 12; 13; 15	7; 8; 9
GRI 3 - MATERIAL TOPICS 2021	MATERIAL TOPIC: ECOSYSTEM PRESERVATION AND CONSERVATION				
	3-3 Management of material topics	56, 57, 58			
GRI 304 BIODIVERSITY 2016	304-1 The operational units owned, leased, or managed within or adjacent to environmental protection areas and areas of high biodiversity value located outside environmental protection areas*	56, 87	Assets located in Chile and Uruguay were not included in the reporting, as their accounting metrics have different characteristics compared to those of Brazil.	12; 15	7; 8; 9
	304-2 Significant impacts of activities, products and services on biodiversity*	58, 87		12; 15	7; 8; 9
	304-3 Protected or restored habitats*	58, 87		12; 15	7; 8; 9
	304-4 Species included in the IUCN Red List and National Conservation Lists with habitats located in areas affected by the company's operations*	59, 87		12; 15	7; 8; 9
GRI 3 - MATERIAL TOPICS 2021	MATERIAL TOPIC: ECOSYSTEM PRESERVATION AND CONSERVATION				
	3-3 Management of material topics	12, 14, 15, 16, 18, 29, 75			
GRI 305 EMISSIONS 2016	305-1 Direct (Scope 1) GHG emissions*	17, 87		7; 12; 13; 15	7; 8; 9
	305-2 Energy indirect (Scope 2) GHG emissions*	17		12; 13; 15	7; 8; 9
	305-3 Other indirect (Scope 3) GHG emissions*	17, 87		7; 12; 13; 15	7; 8; 9
	305-4 Greenhouse gas (GHG) emissions intensity*	17, 87		7; 12; 13; 15	7; 8; 9
	305-7 Nitrogen oxides (NOX), sulfur oxides (SOX), and other significant air emissions*	17, 87		7; 12; 13; 15	7; 8; 9

*Indicators assured by Rina.

GRI STANDARDS	Disclosure	Page/reply	Omission	SDG	Global Compact
	MATERIAL TOPIC: WATER AND WASTE MANAGEMENT				
GRI 3 – MATERIAL TOPICS 2021	3-3 Management of material topics	53, 54			
GRI 306 WASTE 2020	306-1 Waste generation and significant waste-related impacts*	53, 54, 87		7; 12; 13; 15	7; 8; 9
	306-2 Management of significant waste-related impacts*	54, 87		7; 12; 13; 15	7; 8; 9
	306-3 Waste generated*	53, 55, 87		7; 12; 13; 15	7; 8; 9
	306-5 Waste directed to disposal*	55, 87		7; 12; 13; 15	7; 8; 9
	MATERIAL TOPIC: ENSURING THE WELL-BEING AND SAFETY OF EMPLOYEES				
GRI 3 – MATERIAL TOPICS 2021	3-3 Management of material topics	61, 62, 63, 64, 65			
GRI 401 EMPLOYMENT 2016	401-1 New employee hires and employee turnover*	62, 87		8; 10	1; 2; 4; 5
	401-2 Benefits provided to full-time employees that are not provided to temporary or part-time employees	63, 87		8; 10	1; 2; 4; 5
	401-3 Maternity/paternity leave*	64, 87		8; 10	1; 2; 4; 5
GRI 3 – MATERIAL TOPICS 2021	3-3 Management of material topics	61, 63, 64, 65, 66, 67, 68			
GRI 403 OCCUPATIONAL HEALTH AND SAFETY 2018	403-1 Occupational health and safety management system*	66, 87		8; 10	1; 2; 4; 5
	403-2 Hazard identification, risk assessment, and incident investigation*	67, 87			
	403-3 Occupational health services*	63, 67, 87		8; 10	1; 2; 4; 5
	403-4 Worker participation, consultation, and communication on occupational health and safety*	67, 87		8; 10	1; 2; 4; 5
	403-5 Worker training on occupational health and safety	64, 67, 87		8; 10	1; 2; 4; 5
	403-6 Promotion of worker health*	63, 87		8; 10	1; 2; 4; 5
	403-7 Prevention and mitigation of occupational health and safety impacts directly linked by business relationships*	67, 87		8; 10	1; 2; 4; 5
	403-8 Workers covered by an occupational health and safety management system	64		8	1; 2; 4; 5
	403-9 Work-related injuries*	68, 87		8; 10	1; 2; 4; 5
	MATERIAL TOPIC: IMPROVED COMMUNITY RELATIONS				
GRI 3 – MATERIAL TOPICS 2021	3-3 Management of material topics	76, 79			
GRI 413 LOCAL COMMUNITIES 2016	413-1 Operations with local community engagement, impact assessments, and development programs*	72, 76, 77, 79, 81, 87		8; 10	
	413-2 Operations with significant actual and potential negative impacts on local communities*	76, 78, 79, 80, 81, 87		8; 10	

*Indicators assured by Rina.

GRI STANDARDS	Disclosure	Page/reply	Omission	SDG	Global Compact
	MATERIAL TOPIC: DATA SECURITY AND PRIVACY				
GRI 3 – MATERIAL TOPICS 2021	3-3 Management of material topics	30			
GRI 418 – CUSTOMER PRIVACY 2016	418-1 Substantiated complaints concerning breaches of customer privacy and losses of customer data*	30, 87		16	
	MATERIAL TOPIC: TRANSPARENCY IN RISK MANAGEMENT				
GRI 3 – MATERIAL TOPICS 2021	3-3 Management of material topics	28, 30, 33			
	2-6 Activities, value chain and other business relationships	12, 19, 31, 39, 40, 41, 42, 73, 74		16	
	2-26 Mechanisms for seeking advice and raising concerns	28, 30, 35, 82		16	
	SECTOR DISCLOSURES**				
	GRI G4 ELECTRICAL UTILITIES 2013				
ORGANIZATION PROFILE	EU1 Installed capacity (MW) by primary energy source and regulatory regime*	39			
AVAILABILITY AND RELIABILITY	G4-DMA Management approach to ensure availability and reliability of electricity in the short term and long-term (former EU6)	43			
RESEARCH & DEVELOPMENT	G4-DMA Research and development activity and expenditure aimed at providing reliable electricity and promoting sustainable development (former EU8)*	45			
BIODIVERSITY	EU13 Biodiversity of replacement habitats compared to biodiversity of affected areas*	58			
EMPLOYMENT	EU14 Programs and processes to ensure the availability of skilled labor	65			
LOCAL COMMUNITIES	G4-DMA Approach to managing relocation impacts (former EU20)*	76			
	EU22 Number of physically and economically relocated persons and compensation, broken down by type of project*	77			
DISASTER/EMERGENCY PLANNING AND RESPONSE	G4-DMA Contingency planning measures, disaster/emergency management plans and training programs and recovery/restoration plans (former EU21)*	32			
	OTHER INDICATORS MONITORED BY THE COMPANY				
GRI 405 DIVERSITY AND EQUAL OPPORTUNITY 2016	405-1 Diversity of governance bodies and employees*	69, 70, 71		5; 8	1; 4; 5

*Indicators ensured by Rina. / **Unofficial translation, as the original version is in English and there is no Portuguese version available.

Summary of the Sustainability Accounting Standards Board (SASB)*

STANDARDS	Disclosure	Page/reply
	INFRASTRUCTURE ELECTRIC UTILITIES AND POWER GENERATORS 2018*	
Greenhouse gas emissions and energy resource planning	IF-EU-110a.1** (1) Gross global Scope 1 emissions, percentage covered under (2) emissions-limiting regulations and (3) emissions-reporting regulations	17
	IF-EU-110a.2** Greenhouse gas emissions associated with power deliveries	17
	IF-EU-110a.3** Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	14, 15, 16
Air quality	IF-EU-120a.1** Air emissions of the following pollutants: (1) NOx (excluding N ₂ O), (2) SOx, (3) particulate matter (PM10), (4) lead (Pb) and (5) mercury (Hg); percentage of each in or near densely populated areas	17
Water management	IF-EU-140a.1** (1) Total water withdrawn, (2) total water consumed, percentage of each in regions with high or extremely high baseline water stress	52
	IF-EU-140a.3** Description of water management risks and discussion of strategies and practices to mitigate these risks	50, 51
Health and safety of the workforce	IF-EU-320a.1** (1) Total recordable incident rate (TRIR), (2) fatality rate, and (3) near-miss frequency rate (NMFR)	68

*Indicators ensured by Rina. / **Unofficial translation, as the original version is in English and there is no Portuguese version available.

Letter of Assurance from the GHG Inventory 2022 (Instituto Totum)



Verificação de Inventário de Gases de Efeito Estufa

O Instituto Totum declara que:

ELERA RENOVÁVEIS S.A.

Localizada na Av. Almirante Júlio de Sá Bierrenbach, nº 200, Edifício Pacific Tower, bloco 2, 1º, 2º e 4º andares, Jacarepaguá, Rio de Janeiro, RJ

Teve seu inventário de emissões verificado e cumpre as

Especificações do Programa Brasileiro GHG Protocol

Norma de Verificação: Especificações de Verificação do Programa Brasileiro GHG Protocol – Edição 2011 e ABNT NBR ISO 14064-3.

Processo nº: 546-22
Ano do Inventário: 2022
Nível de Confiança: Limitada

Informações Detalhadas: Declaração de Verificação Nº 546-22 anexa a este certificado

São Paulo, 15 de maio de 2023

INSTITUTO TOTUM
Fernando Giachini Lopes – Diretor Técnico
Av. Paulista, 2439 – 13º andar – Cj. 132
Consolação – São Paulo/SP - Brasil

FM.REL.116.01 Para conferir a veracidade deste Certificado, acesse o site <http://www.institutototum.com.br>

Letter of Assurance – Rina



**STATEMENT OF ASSURANCE OF ELERA RENOVÁVEIS
ESG REPORT 2022**

RINA BRASIL SERVIÇOS TÉCNICOS LTDA, based on the evaluations carried out by its technical team, declares that the Annual Report of ELERA RENOVÁVEIS, for the year 2022, entitled

ELERA – Relatório ESG 2022

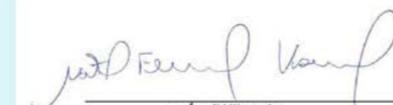
prepared by the organization

ELERA RENOVÁVEIS

It complies with the requirements of the GRI 1: Foundation 2021 Guidelines for report based on GRI Standards – approach chosen by the Organization.

The verification of the Annual Report 2022 was carried out according to RINA document "Regulation for verification of sustainability reports", available on the RINA website, www.rina.org.

Date of statement: 12/06/2023


 Natal Vasconcelos
Instituição Legal
RINA Brasil
Natal Ferreira Vasconcelos
DIRECTOR RINA BRASIL

Form: SR_STM-STD (02-2018)



Objective of the Assurance audit

RINA BRASIL SERVIÇOS TÉCNICOS LTDA was hired by the organization "ELERA RENOVÁVEIS". Head Office located in Avenida Antônio Galloti, s/nº bloco 2, 4º andar – Barra da Tijuca, Rio de Janeiro – RJ - ZIP Code: 22775-029, to perform the independent assessment of the Sustainability Report "ESG Report 2022", for the year 2022, to assess its compliance to the reporting principles contained in the GRI guidelines to report **"based on the GRI Standards"**.

Methodology

RINA carried out the assurance through:

- selection of sampling of indicators and information to be reported;
- a documentary examination of previous versions of the report prepared by the Organization;
- interviews with representatives of the Organization, to gather evidence to support the 2022 Annual Report and to examine the flow of information that generated the reported data;
- the preparation of an assurance report and the issuance of a statement on the verification of the origin and verifiability of the data, source and processes through which the Organization's ESG Report 2022 describes for the year 2022;
- ELERA RENOVÁVEIS financial and accounting information, as the information related to the carbon inventory, was verified by outsourcing companies hired directly for Elera, and was not part of this assurance process.

Declaration of independence, impartiality, and competence

RINA BRASIL SERVIÇOS TÉCNICOS LTDA is a company of RINA GROUP that provides classification, certification, testing and inspection services to ensure excellence to organizations operating in the sectors of marine, environment and energy, infrastructure, transportation and logistics, quality and safety and agro-industrial sectors.

As an independent body, RINA BRASIL SERVIÇOS TÉCNICOS offers its services in full respect of the principles of professional ethic, independence, impartiality and competence.

Based on the sample performed, the evidences collected, and the evaluations carried out by its RINA Team in the period from April 17th to 20th, 2023, we can affirm that the Sustainability Report "ESG Report 2022" complies with the reporting principles contained in the GRI guidelines of the Global Reporting Initiative.

Independent Statement of Assurance

Therefore, based on the work performed, evidences collected and the assessments carried out through sampling selected by RINA Technical Team and in accordance with GRI 1 guidelines for the **approaching "based on the GRI Standards"** and "Regulation for verification of sustainability reports" by RINA, we can state that the Sustainability Report "ESG Report 2022" complies with the reporting principles contained on GRI 1: Foundation 2021 Guidelines - Global Reporting Initiative, including those of the *Electric Utilities Sector Supplement*.

Form: SR_STM-STD (02-2018)






Recommendations and conclusions

GRI 2-8 – The management of outsourcing employees happens in compartmentalized way in the company, and nowadays the Organization does not have an integrated management process of all diverse fronts and requirements. It is recommended to revisit the process, aiming to unify the approaching and operational control.

GRI 3-1 – The materiality of Elera was carried out in 2021, based on the consulting to stakeholders and considering the analysis and ponderation of material topics identified by the Top Management. After the revision of GRI standard on the materiality, it is necessary to review the matrix according to all requirements of 3-1 item. The materiality review is planned to happen in 2023, considering all the requirements on the Standard.

GRI 201-21 – As the GRI approaching and the operational control report are different from the standard established on the financial demonstrations of the group, Elera has decided to not report this indicator.

GRI 303-3 – The water consumption indicator report needs be internally worked, so it can be reported attending the GRI requirement that requires data be informed separated by the type of water catchment. For 2022, it is recommended that the data of catchment of superficial water, groundwater and outsources, be reported separately to better attending the indicator.

GRI 304 – The approach to the material topic must be in depth discussed, once it has a strictly operational approach, not considering the strategic aspects of the topic to ESG Elera approach.

GRI 306-5 – For the waste indicators', it is recommended a standardization of the controls and an internal review of the nomenclatures.

It is recommended that considering the results of the review of the materiality matrix in 2023, also to review the table and format of indicators to be reported, that current includes indicators GRI, SASB, sectorial GRI and ANEEL indicators, aiming to optimize and consolidate the information that are similar to the standards adopted by Elera.

Audit Team

Juliana Fullmann - Auditor expert on Sustainability Report

Form: SR_STM-STD (02-2018)






Elera Renováveis headquarters in Rio de Janeiro, RJ

Corporate Information

Corporate Ethics

Av. Antônio Gallotti, s/nº, bloco 2, 4º andar
Barra da Tijuca
Rio de Janeiro (RJ) | POSTAL CODE (CEP): 22775-029

General management and editorial coordination

ESG Board

Information collected by

ESG Board
Elera Renováveis employees

Contact GRI 2-3

ESG Board
egsustentabilidade@elera.com
<https://www.elera.com/sustentabilidade/>

Credits

ESG Consulting and Editorial Coordination
ÓGUI Consultoria

Independent verification of the
RINA Brasil Report

Independent Verifier for GHG Inventory
Instituto Totum

Photography

Elera Collection