PROJECTS BOOK

MINES AND ENERGY 2026

MINISTRY OF
MINES AND ENERGY

BRAZILIAN GOVERNMENT
BRASIL
STANDING WITH THE BRAZILIAN PEOPLE

(REF. DEZEMBRO/25)

PRESENTATION

Amid the energy transition and technological advancement, access to energy and critical and strategic minerals has become one of the main focuses of tension on the international stage, redefining alliances and competition between nations. Lithium, cobalt, niobium, and rare earths, as well as oil and natural gas, are no longer just natural resources but instruments of power.

While many countries still rely heavily on fossil fuels, Brazil occupies a prominent position on the world stage for historically investing in renewable energies, consolidating itself as a reference in the energy transition.

Our country is well positioned to face the great challenges posed by the advance of global warming, whose negative effects are becoming increasingly visible. We are now the nation in the best position to play the global leadership role in the energy transition towards the green economy. This is what this publication demonstrates, by bringing together a set of strategic information on investments in projects in the energy and mining sector, in progress or currently planned in the country.

Investment in renewable energy projects has great potential, as Brazil has privileged natural conditions, such as high solar incidence, extensive areas with wind capacity and vast water availability. In addition to contributing to the reduction of greenhouse gas emissions on a global scale, these investments strengthen the Brazilian economy, generate jobs, boost technological innovation, and increase energy security.

In summary, there are more than US$ 190 billion in investments already mapped, capable of generating about 3 million jobs, in addition to the US$ 760 billion of potential investments by 2035. In this scenario, there are opportunities for national and international investors in the most different segments, such as biofuels, critical and strategic minerals, low-emission hydrogen and low-carbon hydrogen.

Our country has renewable resources, consolidated biofuels, and long-term climate commitments. The Brazilian energy transition policy has become an international reference. The National Energy Transition Policy, together with PLANTE and FONTE, show that Brazil has a clear direction, concrete ambition and consistent results.

In the last three years, we have made decisive progress with modern and structuring laws, such as the Fuel of the Future and the legal frameworks for low-carbon hydrogen and offshore wind, the Energy Transition Acceleration Program, among many other initiatives positively recognized by the international community.

Our energy transition is people-centric. Impact programs such as Gás do Povo, Luz do Povo and Luz para Todos show that, here, the transition leaves no one behind, reduces inequalities and improves the quality of life, in line with the guidelines for economic development with social inclusion that mark the government of President Luiz Inácio Lula da Silva.

In 2025, Brazil completed a historic feat: we became a country 100% connected by electricity, uniting all Federation Units to the National Interconnected System. This means that all Brazilians now have access to security and continuity in the energy supply. This milestone shows Brazil's ability to plan, execute and deliver major structuring works, overcoming logistical and environmental challenges, bringing development, sustainability and energy justice to all Brazilians.

We are strengthening legal, sustainable mining, with social results and decent work. We have abundant resources in the subsoil and a prominent position in the rankings of some of the most important strategic minerals. A milestone is the creation of the National Council for Mineral Policy, which will accelerate the attraction of investments in the sector.

Decarbonization is now a state policy in Brazil, which involves electricity, fuels, and also the oil and gas sector, always with pragmatism, innovation, and economic responsibility. In biofuels, Brazil is a world reference. We celebrated 50 years of Proálcool, during COP30, a pioneering program that became a global model and showed that it is possible to reduce emissions on a large scale without giving up development.

The country has a solid and growing economy, low and controlled inflation, a skilled workforce and stimulating indicators such as the lowest unemployment in history. We guarantee legal certainty and institutional stability, essential for guaranteeing contracts and predictability in the business universe. We have respect for the environment and full identity with the best ESG practices and the most modern in the green economy. In summary, Brazil is the best global partner for investments in energy transition projects.

Alexandre Silveira
Minister of Mines and Energy

POTENTIAL FOR INVESTMENTS IN THE SECTOR

US$ 760 BILLION BY 2035

SUMMARY OF INVESTMENT ESTIMATES - 2025 TO 2035

ELECTRICITY

US$ 113.09 BILLION

CENTRALIZED GENERATION
US$ 70.97 BILLION (11%)

DISTRIBUTED GENERATION
(MICRO AND MINI-GENERATION)
US$ 20.11 BILLION (3%)

TRANSMISSION
US$ 22.20 BILLION (3%)

OIL AND NATURAL GAS

US$ 531.31 BILLION

OIL AND NATURAL GAS E&P
US$ 4.93 TRILLION (74%)

SUPPLY OF PETROLEUM PRODUCTS
US$ 29.79 BILLION (4%)

NATURAL GAS SUPPLY
US$ 9.49 BILLION (1%)

+ US$ 24.67 BILLION
IN ELECTROMOBILITY

Ten-Year Energy Expansion Plan (PDE) 2035

MINERAL PROJECTS

INVESTMENT

US$ **78.75** BILLION

US$ **21.82** BILLION OF CRITICAL MINERALS

Font: IBRAM (2026 - 2030)

SUSTAINABLE FUEL

INVESTMENT

US$ **20.25** BILLION

JOBS

81 THOUSAND

Font: EPE (2026 - 2035)

NEW PAC

THE MINISTRY OF MINES AND ENERGY REPRESENTS ABOUT

40% OF THE NEW PAC

ELECTRIC POWER GENERATION

ESTIMATED INVESTMENT US$ 22.96 BILLION

- 25,4 GW
- 950,7 thousand jobs

INVESTMENT ALREADY MADE US$ 19.20 BILLION

POWER TRANSMISSION

ESTIMATED INVESTMENT US$ 17.10 BILLION

- 29.9K KM
- 191.6 thousand jobs

INVESTMENT ALREADY MADE US$ 5.26 BILLION

LIGHT FOR ALL

ESTIMATED INVESTMENT US$ 3.00 BILLION

- 406.7 thousand families

INVESTMENT ALREADY MADE US$ 683.11 MILLION

- 166.6 thousand families

ENERGY EFFICIENCY

ESTIMATED INVESTMENT US$ 37.65 MILLION

- 1885 jobs
- 206.2 thousand lighting points

INVESTMENT ALREADY MADE US$ 11.56 MILLION

OIL AND GAS

ESTIMATED INVESTMENT US$ 84.93 BILLION

- 2.6 million jobs

INVESTMENT ALREADY MADE US$ 11.61 BILLION

LOW CARBON FUEL

ESTIMATED INVESTMENT US$ 6.09 BILLION

- 192.5 thousand jobs

INVESTMENT ALREADY MADE US$ 1.34 BILLION

GEOLOGICAL MAPPING

ESTIMATED INVESTMENT US$ 58.20 MILLION

- 2024 jobs

INVESTMENT ALREADY MADE US$ 12.99 MILLION

PREVENTION AND DISASTERS

ESTIMATED INVESTMENT US$ 9.51 MILLION

- 330 jobs

INVESTMENT ALREADY MADE US$ 3.51 MILLION

TOTAL

US$ 134.91 BILLION	826	US$ 780 THOUSAND	US$ 38.14 BILLION
FORECASTS	ENTERPRISES	JOBS GENERATED	PAID

PANORAMA BRAZIL

US$ 227.70 BILLION IN PROGRESS UNTIL 2032

2.9 MILLION JOBS*

*generated, maintained, direct and indirect

OIL AND GAS

INVESTMENT	JOBS
US$ 81.97 BILLION	2 MILLION

ELECTRIC POWER GENERATION

INVESTMENT	JOBS
US$ 9.11 BILLION	378 THOUSAND

POWER DISTRIBUTION

INVESTMENT
US$ 44.78 BILLION

SUSTAINABLE FUEL

INVESTMENT	JOBS
US$ 16.89 BILLION	150 THOUSAND

MINING

INVESTMENT	JOBS
US$ 46.49 BILLION	48 THOUSAND

POWER TRANSMISSION

INVESTMENT	JOBS
US$ 16.32 BILLION	173 THOUSAND

DATA CENTER

DEMAND
28,5 GW

ENERGY EFFICIENCY

INVESTMENT
US$ 78.55 MILLION

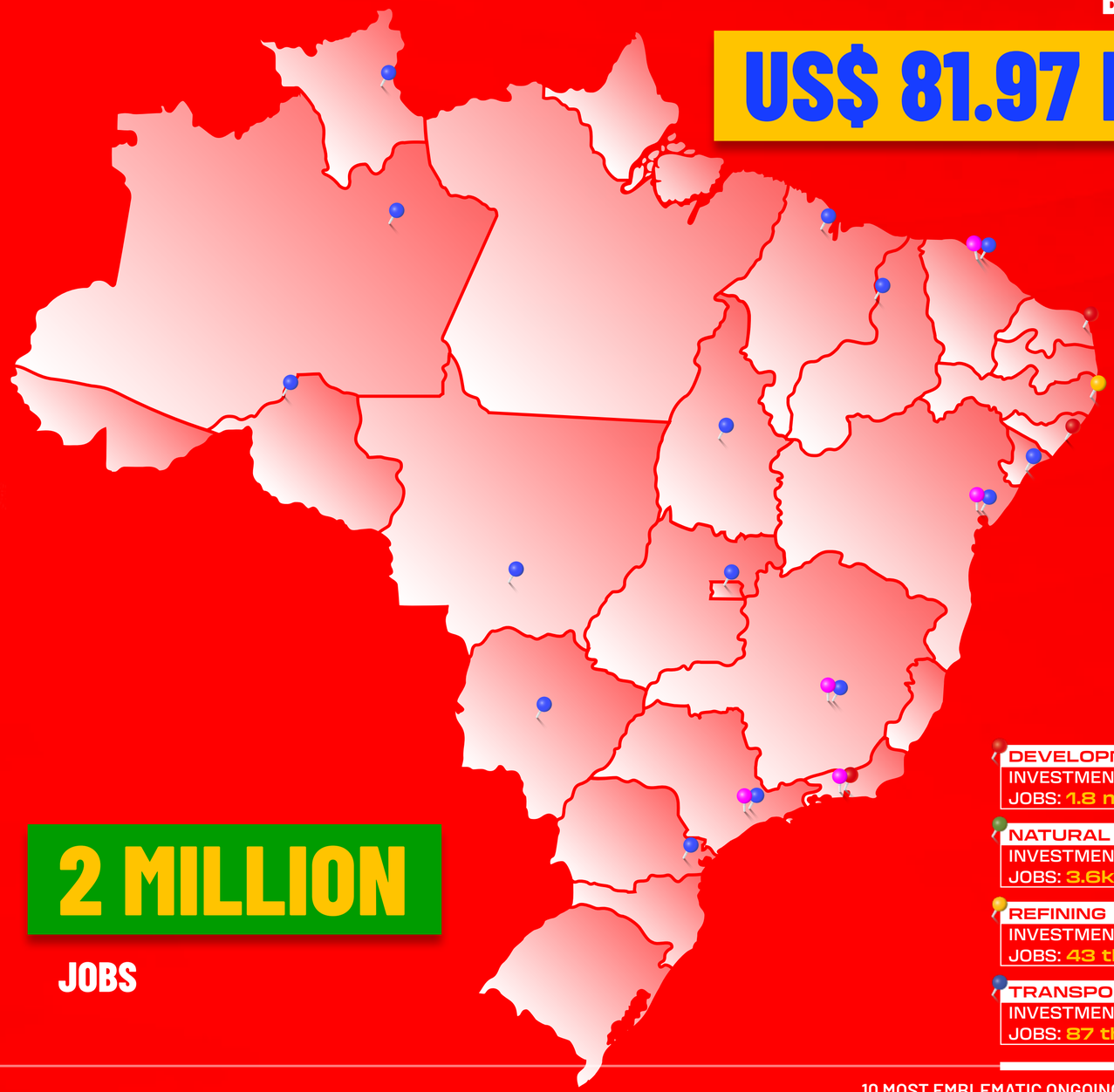
(REF. DEZEMBRO/25 - Currency conversions were calculated using an exchange rate of BRL 5.27 per USD, as of March 5, 2026)

INVESTMENTS BY SECTOR

OIL AND GAS

BRAZIL OVERVIEW

US$ 81.97 BILLION



2 MILLION

JOBS

DEVELOPMENT & PRODUCTION
INVESTMENT: US$ 76.72 Billion
JOBS: 1.8 million

NATURAL GAS
INVESTMENT: US$ 1.14 Billion
JOBS: 3.6k

REFINING
INVESTMENT: US$ 1.63 Billion
JOBS: 43 thousand

TRANSPORT & DRAINAGE
INVESTMENT: US$ 2.47 Billion
JOBS: 87 thousand

10 MOST EMBLEMATIC ONGOING DEVELOPMENTS IN THE SECTOR

OIL AND GAS

COMPRESSION STATION (ECOMP) OF ITAJUÍPE

TAG

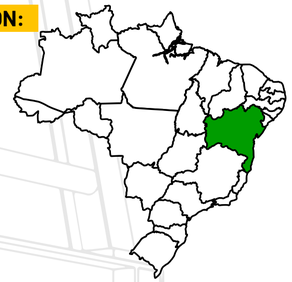
Country and Region Benefit
This design increases GASCAC's operational flexibility, transport capacity and supply reliability.

Brief Description
The construction of the Itajuípe Natural Gas Compression Station is a project of the TAG carrier that compresses and transfers the gas from the Cacimbas-Catu Gas Pipeline (GASCAC).

INVESTMENT
US$ 170.78 million

JOBS
5.3k

LOCATION:
BA



TYPE TRANSPORT & DRAINAGE

PAC: YES

Project Status
In preparation of study / project / concession

Operation forecast
No forecast

CAPACITY
12.40 MMm³/d

ATLANTA PROJECT

Brave Energy

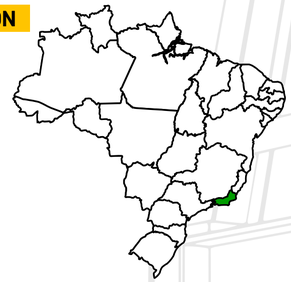
Country and Region Benefit
The project allows for production increases in areas already explored (previously underutilized), maximizes the use of existing infrastructure and reduces the need for new exploratory frontiers.

Brief Description
The Atlanta Field is located in the Santos Basin, 158 km southeast of the municipality of Rio de Janeiro in an average water depth of 1,550m. The Definitive System Development project provides for the drilling of ten producing wells distributed in different stages.

INVESTMENT
US$ 1.52 billion

JOBS
10 thousand

LOCATION
RJ



TYPE DEVELOPMENT & PRODUCTION

PAC: YES

Project Status
Under construction

Operation forecast
01/12/2029

CAPACITY
50 thousand barrels per day

OIL AND GAS

WAHOO PROJECT

PRIO

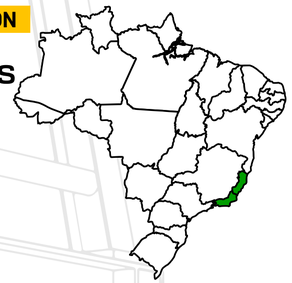
Country and Region Benefit
It is one of the largest independent oil companies in Brazil, focuses on the optimization of mature fields. The Wahoo development is economically enabled by the tie-back to the existing infrastructure of the Frade FPSO, using four initial producing wells.

Brief Description
PRIO aims to develop the Wahoo Field, through tie-back with the Frade field through 4 producing wells and 2 injection wells, in addition to 5 contingent wells.

INVESTMENT
US$ 854 million

CAPACITY
41 thousand barrels per day

LOCATION
RJ and ES



TYPE DEVELOPMENT & PRODUCTION

PAC: YES

Project Status
Ongoing

Operation forecast
No forecast

COMPRESSION STATION (ECOMP) JAPERI

NTS - New Southeast Carrier

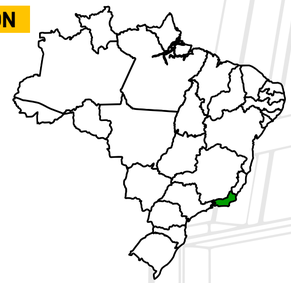
Country and Region Benefit
It expands the transport capacity and operational flexibility of the gas pipeline network, ensuring greater safety and fluidity in meeting regional demand.

Brief Description
Construction of a Compression Station (ECOMP) with a capacity of 25 MMm^3/d, aiming to increase the possibility of transferring gas from Rio (from Route 2 and Route 3) to SP and South, from 12.5 MMm^3/d to 20 MMm^3/d.

INVESTMENT
US$ 143.54 million

JOBS
4.5k

LOCATION
RJ



TYPE TRANSPORT & DRAINAGE

PAC: YES

Project Status
In the evaluation and planning phase

Operation forecast
No forecast

CAPACITY
25 MMm^3/d

OIL AND GAS

SOUTH PRE-SALT CORRIDOR INTEGRATED PROJECT

NTS - New Southeast Carrier

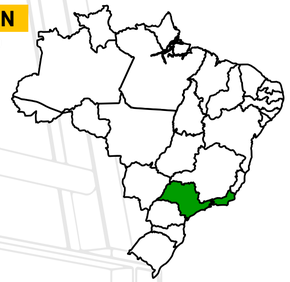
Country and Region Benefit
The project expands the national supply of gas, strengthening energy security and industrial competitiveness by reducing external dependence and fostering regional development

Brief Description
Integrated project that includes the construction of 4 Compression Stations (ECOMPs) and the duplication of 300 km of gas pipelines, 170 km in São Paulo and 130 km in RJ.

INVESTMENT
US$ 13.09 billion

JOBS
64.8K

LOCATION
RJ/ SP



TYPE TRANSPORT & DRAINAGE

PAC: YES

Project Status
In the evaluation and planning phase

Operation forecast
30/03/2032

CAPACITY
25 MMm³/d

EXTREME EXTENSION

NTS - New Southeast Carrier

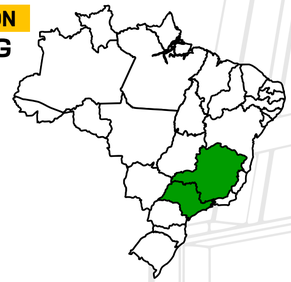
Country and Region Benefit
It increases regional energy security and ensures the supply of Natural Gas for the expansion of the industrial hub in the south of Minas Gerais. The project attracts new productive investments and reduces logistical bottlenecks, consolidating the region as a strategic vector for socioeconomic development and job creation.

Brief Description
Gas pipeline of approximately 30 km, which aims to meet industrial consumption in the city of Extrema/MG and other expansions of GASMIG.

INVESTMENT
US$ 286.34 million

JOBS
890

LOCATION
SP/MG



TYPE TRANSPORT & DRAINAGE

PAC: YES

Project Status
In the evaluation and planning phase

Operation forecast
30/01/2029

CAPACITY
30 km

OIL AND GAS

GASINF

NTS - New Southeast Carrier

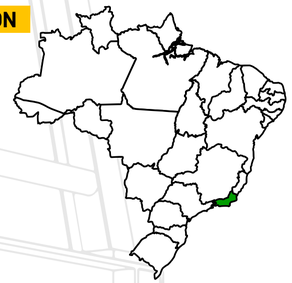
Country and Region Benefit
It expands the supply of gas by connecting the Port of Açu hub to the national grid, strengthening energy security and Brazilian industrial competitiveness. This strategic project boosts regional development, attracting new investments and fostering the generation of jobs and income in the North of Rio de Janeiro.

Brief Description
Construction of a new branch, approximately 105 km, which will enable the connection of the Port of Açu, in Barra do São Joao/RJ, to the NTS network through the interconnection located at the Cabiúnas Terminal. This new branch will be bidirectional, with this it will be possible both the flow of LNG from the terminal into the transport network and the consumption of national gas in the port of Açu.

INVESTMENT
US$ 266 million

JOBS
8.5k

LOCATION
RJ



TYPE TRANSPORT & DRAINAGE

PAC: YES

Project Status
In preparation of a study/ project/concession

Operation forecast
28/02/2028

CAPACITY
12 MMm³/d

RAIA PROJECT

Equinor

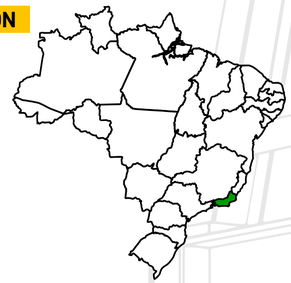
Country and Region Benefit
It is one of the most important natural gas projects in the country. With an investment of US$ 83.11 billion (New PAC), the project is expected to start in 2028 and will supply 15% of the national demand for natural gas, in line with the axis of increasing the supply of Gas to Employ.

Brief Description
Raia is one of the main natural gas projects under development in Brazil. Located in the Campos Basin, 200 km off the coast, Raia comprises three different discoveries in the pre-salt: Pão de Açúcar, Gávea and Seat, with gas reserves that can account for 15% of the total Brazilian natural gas demand. It is a project of Equinor (operator), in partnership with Repsol Sinopec Brasil and Petrobras.

INVESTMENT
US$ 4.63 billion

JOBS
3 thousand

LOCATION
RJ



TYPE DEVELOPMENT & PRODUCTION

PAC: YES

Project Status
Ongoing

Operation forecast
01/04/2028

CAPACITY
63 thousand barrels per day

OIL AND GAS

MACAÉ RECEIVING POINT

NTS - New Southeast Carrier

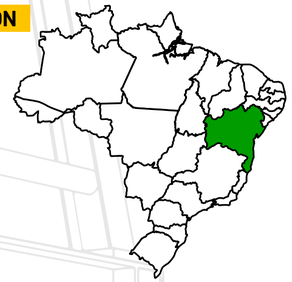
Country and Region Benefit
It allows the shipper to inject the production of natural gas from the Pão de Açúcar field into the transport network, contributing to the increase in the supply of natural gas.

Brief Description
Construction of a natural gas Receiving Point (PR) in the city of Macaé, in the state of Rio de Janeiro.

INVESTMENT
US$ 16.58 million

CAPACITY
16 MMm³/d

LOCATION
RJ



TYPE TRANSPORT & DRAINAGE

PAC: YES

Project Status
In preparation of a study/ project/concession

Operation forecast
30/09/2027

SEAP PROJECT

Petrobras

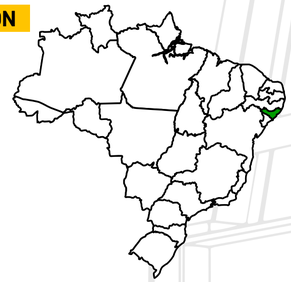
Country and Region Benefit
The project boosts the reindustrialization of the Northeast and energy security by attracting investments in energy-intensive sectors

Brief Description
Development of oil and gas production in ultra-deep waters in the Sergipe-Alagoas Basin via two FPSOs, with the implementation of a dedicated gas pipeline to integrate the supply to the national grid.

INVESTMENT
US$ 11.39 million

JOBS
354 thousand

LOCATION
SE



TYPE DEVELOPMENT & PRODUCTION

PAC: YES

Project Status
In the evaluation and planning phase

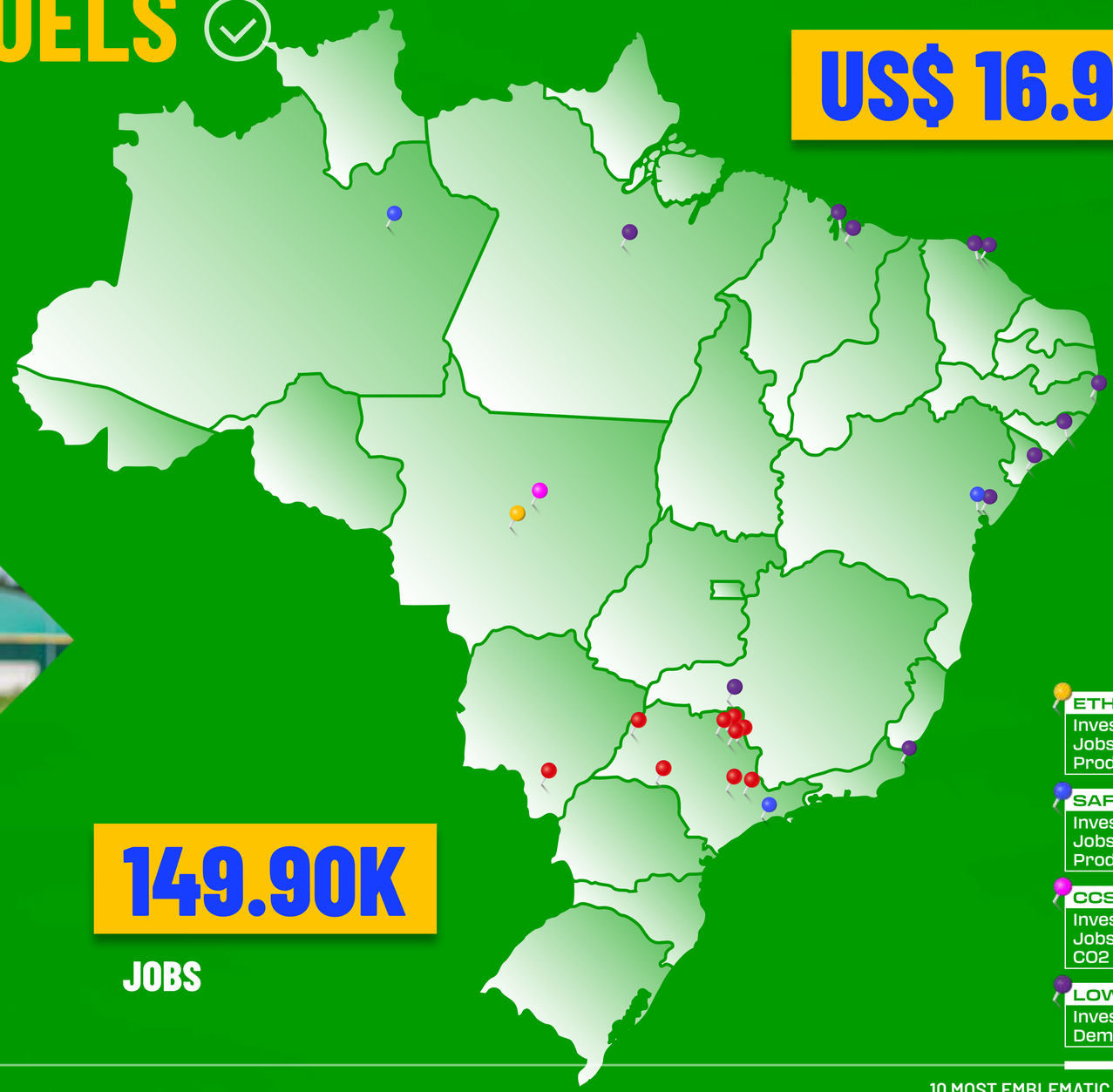
Operation forecast
01/01/2100

CAPACITY
120 thousand barrels per day

SUSTAINABLE FUELS

BRAZIL PANORAMA

US$ 16.91 BILLION



149.90K

JOBS

ETHANOL
Investment: US$ 2.56 billion
Jobs: 20.6k
Production (MMl/year): 1,215

SAF
Investment: US$ 4.83 billion
Jobs: 126k
Production (m3/year): 2.2 mi

CCS
Investment: US$ 105.88 million
Jobs: 3.3k
CO2 Capture Years: 30

LOW-CARBON HYDROGEN
Investment: US$ 9.41 billion
Demand (MW by 2038): 38.6 m

10 MOST EMBLEMATIC ONGOING DEVELOPMENTS IN THE SECTOR

SUSTAINABLE FUELS

BIOREFINERY - SUSTAINABLE AVIATION FUEL (SAF) AND GREEN DIESEL BAHIA

Acelen

Country and Region Benefit

It drives decarbonization by producing HVO and SAF via macaúba, reducing emissions by 80% and recovering degraded soils in the Northeast. The initiative generates jobs, attracts investments and strengthens energy security.

INVESTMENT
US$ 28.27 billion

JOBS
90 thousand

LOCATION
BA

SAF TYPE

PAC: YES

Project Status
In preparation of study / project / concession

Operation forecast
13/12/2027

CAPACITY
1.1 MMm3/year

NINE E2G SECOND-GENERATION ETHANOL PLANTS

Raízen

Country and Region Benefit

E2G has a carbon footprint up to 80% lower than that of gasoline and 30% lower than that of first-generation ethanol (E1G). The production of E2G uses bagasse and other sugarcane residues left over from the manufacture of common ethanol and sugar. This reuse reduces the amount of waste and increases the plant's energy efficiency.

INVESTMENT
US$ 21.82 billion

JOBS
12 thousand

LOCATION
SP/MS

TYPE ETHANOL-E2G

CAP NO

Project Status
Ongoing

Operation forecast
30/05/2028

CAPACITY
75 MMl/year

SUSTAINABLE FUELS

CACTUS PROJECT

Energia Verde Cactus Projetos e Participações S.A.

Brief Description
The project aims to provide the cleanest and most cost-effective hydrogen and ammonia on the market, using 100% renewable energy from offshore solar and wind complexes.

INVESTMENT
US$ 10.82 billion

ENERGY DEMAND
1.4 GW by 2038

LOCATION
CE

LOW-CARBON HYDROGEN TYPE

CAP NO

Project Status
Ongoing

Operation forecast
01/12/2028

BIOREFINERY - SUSTAINABLE AVIATION FUEL (SAF) AND GREEN DIESEL CUBATÃO

Petrobras

Country and Region Benefit
The existing refining park evolves, converting it into a producer of low-carbon fuels.

INVESTMENT
US$ 1.52 billion

JOBS
24 thousand

LOCATION
SP

SAF TYPE

PAC: YES

Project Status
Ongoing

Operation forecast
No forecast

CAPACITY
630 thousand m³/year

SUSTAINABLE FUELS

CEARÁ GREEN HYDROGEN PLANT

AES Brasil Energia S.A. (Aueren)

Country and Region Benefit

Ceará consolidates itself as the most advanced green hydrogen hub in Brazil. The Pecém Industrial and Port Complex has seven pre-contracts signed with leading global companies, such as Auren Energia. This concentration reflects the state's competitive advantages: world-class winds, high solar incidence, strategic port infrastructure and privileged geographic positioning.

INVESTMENT
US$ 1.08 billion

ENERGY DEMAND
1.5 GW by 2038

LOCATION
CE

LOW-CARBON HYDROGEN TYPE

CAP NO

Project Status
Ongoing

Operation forecast
01/12/2029

CARBON CAPTURE AND STORAGE PROJECT

FS Bioenergy

Country and Region Benefit

Pioneering project, which will be the first unit to achieve carbon negative for the ethanol produced at the unit itself, including when considering the emissions associated with the use of biofuel

INVESTMENT
US$ 105.88 million

JOBS
3.3k

LOCATION
MT

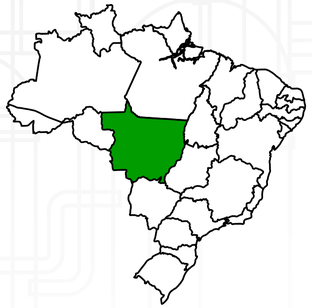
TYPE CCS

PAC: YES

Project Status
Ongoing

Operation forecast
28/06/2026

SIZING
30 years of CO2 capture



SUSTAINABLE FUELS

BIOREFINERY - SUSTAINABLE AVIATION FUEL (SAF) AND GREEN DIESEL MANAUS

BBF Group and Vibra

Brief Description

Expands environmental, economic and social sustainability in the North region, reducing inequalities and generating jobs

INVESTMENT
US$ 474 million

JOBS
12 thousand

LOCATION
AM

SAF TYPE

CAP NO

Project Status
In conceptual design

Operation forecast
No forecast

CAPACITY
500 thousand M3/year

GREEN AMMONIA PROJECT - SERGIPE

Voltalia Energia do Brasil Ltda.

Brief Description

Sergipe emerges as one of the most competitive hubs in Brazil for the production of Low Carbon Hydrogen. The state has privileged natural conditions: abundance of fresh water, high solar incidence, favorable winds and access to the electricity grid. This combination results in one of the lowest projected costs in the country for the production of green H2, strategically positioning Sergipe on the map of the new energy economy. The Port of Sergipe completes this scenario with consolidated logistics infrastructure, operating diversified cargoes such as fertilizers, iron ore, cement and essential products for the industry, in addition to supporting Petrobras' oil exploration and production activities on the coast of Sergipe.

INVESTMENT
US$ 2.28 billion

POWER DEMAND
1.4 GW by 2038

LOCATION
IF

LOW-CARBON HYDROGEN TYPE

CAP NO

Project Status
Ongoing

Operation forecast
01/12/2030

SUSTAINABLE FUELS

E-METHANOL PROJECT - SUAPE

Voltalia Energia do Brasil Ltda.

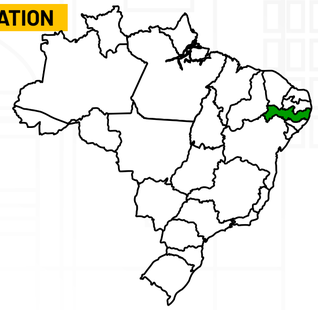
Brief Description

Pernambuco positions itself as a protagonist in the Brazilian energy transition. Already nationally recognized for its sugarcane production and sugar-chemical industry, the state transforms this expertise into a competitive advantage: the biomass of sugarcane fields and fermentation processes generate biogenic CO2, an essential input for the production of sustainable fuels such as e-methanol and SAF. The Port of Suape, one of the most strategic logistics assets in the country, completes this scenario with robust infrastructure that connects the region to the national and international markets, moving everything from fuels and fertilizers to large industrial equipment.

INVESTMENT
US$ 2.28 billion

POWER DEMAND
910 MW by 2038

LOCATION
PE



LOW-CARBON HYDROGEN TYPE

CAP NO

Project Status
Ongoing

Operation forecast
01/12/2030

ENERGY EFFICIENCY

COMPLETED INVESTMENTS OF THE PROCEL RELUZ APPLICATION PLANS

PUBLIC LIGHTING
US$ 2.85 million

INVESTMENTS TO START - 5TH PAR PROCEL

PROCEL SEAL
US$ 14.90 million

PROCEL INFO
US$ 12.64 million

STRUCTURING
US$ 8.97 million

PROCEL SASANITIZES
US$ 3.91 million

PROCEL EDIFICA
US$ 2.77 million

PROCEL GEM
US$ 1.78 million

PROCEL INDUSTRY
US$ 740 thousand

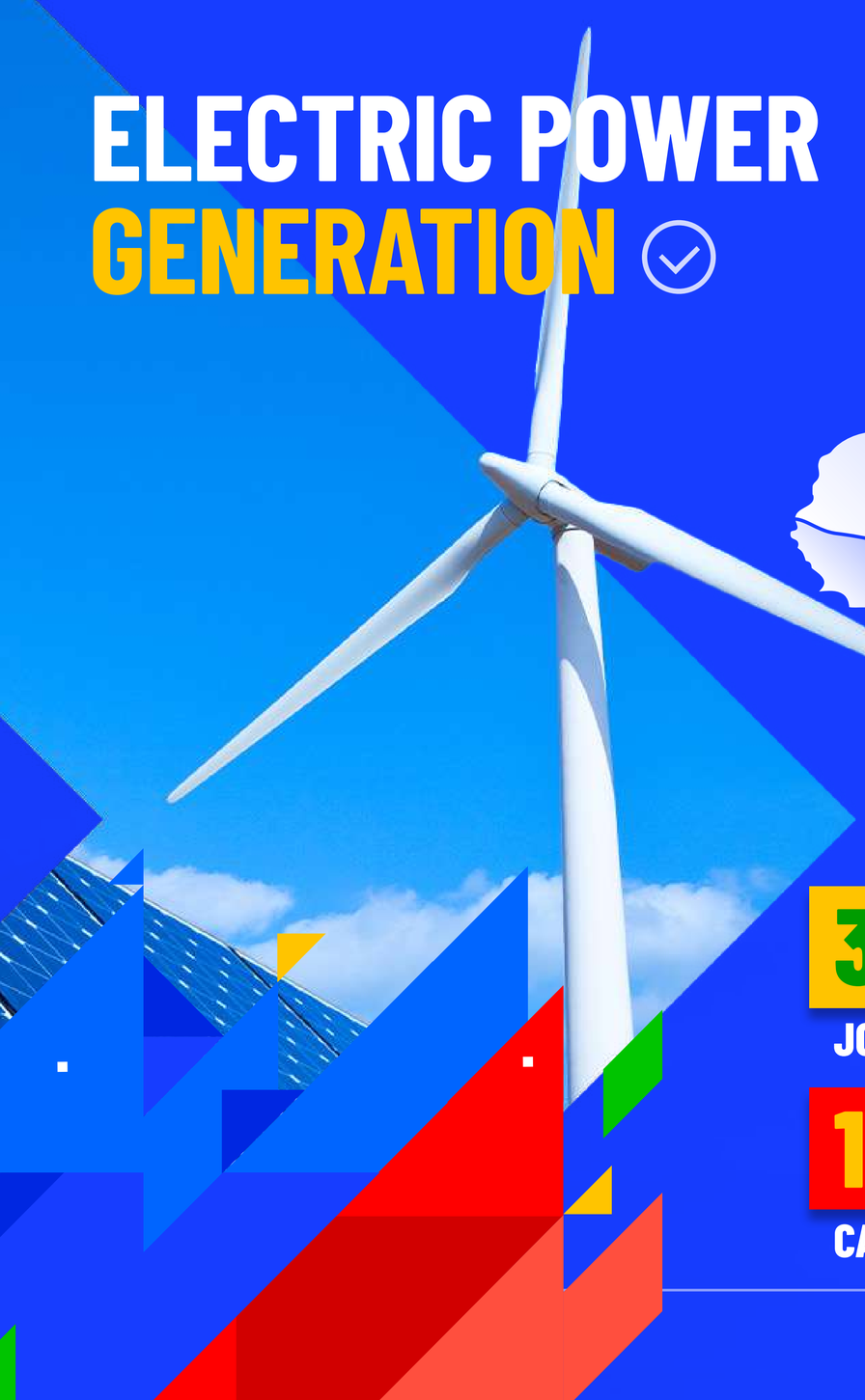
PROCEL EDUCATION
US$ 28.79 million

PLANNED INVESTMENTS IN THE PROJECTS TO BE SELECTED IN THE SUPER CALL PROCEL RELUZ

RELUZ
US$ 287.86 million

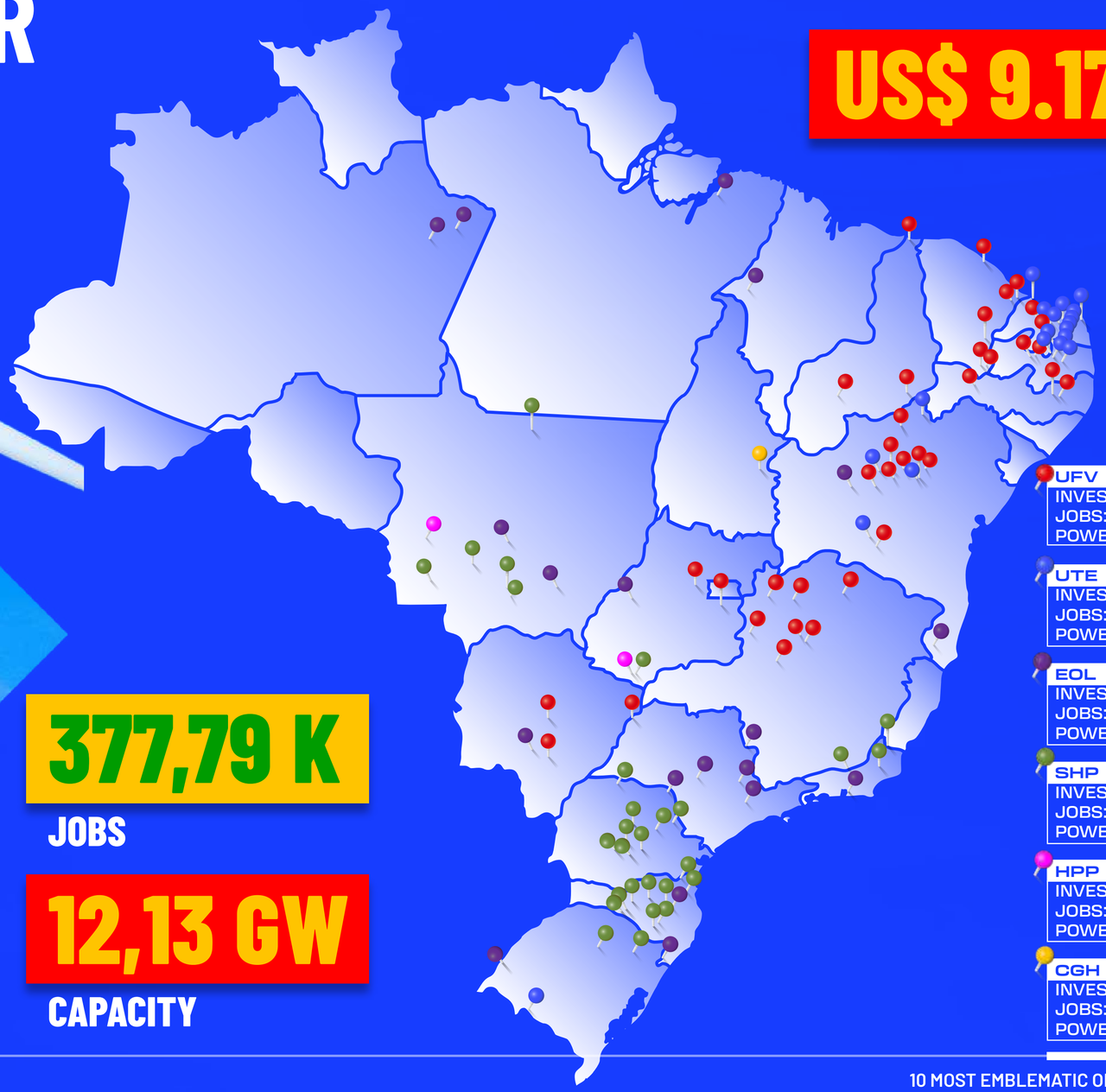
TOTAL INVESTMENTS **US$ 78,55 MILLION**

ELECTRIC POWER GENERATION



BRAZIL OVERVIEW

US$ 9.17 BILLION



377,79 K

JOBS

12,13 GW

CAPACITY

UFV
INVESTMENT: US$ 5.28 billion
JOBS: 263.7k
POWER (MW): 5.7 mil

UTE
INVESTMENT: US$ 2.03 billion
JOBS: 51, 2k
POWER (MW): 4.2 mil

EOL
INVESTMENT: US$ 1.48 billion
JOBS: 55.6k
POWER (MW): 1.8 mil

SHP
INVESTMENT: US$ 322.58 million
JOBS: 6.8k
POWER (MW): 339.4

HPP
INVESTMENT: US$ 60.44 million
JOBS: 260
POWER (MW): 48.4

CGH
INVESTMENT: US$ 5.86 million
JOBS: 121
POWER (MW): 4.4

10 MOST EMBLEMATIC ONGOING DEVELOPMENTS IN THE SECTOR

ELECTRIC POWER GENERATION

AZULÃO

Eneva

Benefits to the Country and Region

Eneva's Azulão TPP participated in the first Reserve Capacity Auction, reaffirming its strategic role in ensuring national energy security by providing firm and flexible power to the National Interconnected System. Powered by natural gas, a fuel recognized as a transition energy source, the plant contributes to the reliability of supply by ensuring demand is met at times of greater stress in the system, complementing the expansion of intermittent renewable sources. As a benefit to the country, its participation strengthens the stability of the electricity sector, reduces the risks of power deficit and more costly emergency activation, in addition to stimulating structuring investments with predictability and security.

INVESTMENT
US$ 209 million

JOBS
4.4 thousand

LOCATION
AM

CAPACITY (MW)
361.5

TYPE UTE

PAC: YES

Project Status
In Progress

Operation forecast
08/05/2026

MANAUS I

Global Participações em Energia S.A.

Benefits to the Country and Region

UTE Manaus I was part of the 2nd Reserve Capacity Auction, contributing to the strengthening of national energy security by offering firm and dispatchable power to the National Interconnected System. Powered by natural gas, a fuel recognized as a transition energy source, its performance increases the reliability of load service in periods of greater operational demand, working as a balance element in the face of the growing participation of intermittent sources. For the country, contracting represents less exposure to risks of power deficit, greater predictability of supply and reduce the need for more onerous emergency measures.

INVESTMENT
US$ 148.58 million

JOBS
2 thousand

LOCAL:
AM

CAPACITY (MW)
162.91

TYPE UTE

PAC: YES

Project Status
In progress

Operation forecast
12/31/2026

ELECTRIC POWER GENERATION

SUCURIÚ

Arauco Celulose do Brasil S.A.

Benefits for the Country and Region

The Sucuriú TPP is part of the national generation park without energy trading through regulated auctions, contributing to the Brazilian electricity system from a logic of self-production and contracting in the free environment. Powered by biomass, with the use of black liquor — a byproduct of the industrial process — the plant promotes the efficient energy use of waste, aligning electricity generation with the circular economy and the reduction of relative emissions. As a benefit to the country, its operation reinforces the diversification of the electricity matrix, increases the security of supply with renewable and predictable sources and contributes to a sustainable energy transition, based on industrial efficiency and lower environmental impact.

INVESTMENT
US$ 172.29 million

JOBS
5.1 thousand

LOCATION
MS

CAPACITY
420.45 MW

TYPE UTE

PAC: NO

Project Status
In progress

Operation Forecast
11/04/2027

LINS PHOTOVOLTAIC COMPLEX 03 TO 08

Cobra Group

Benefits the Country and Region

The participation of the Lins 03 to 08 Photovoltaic Complex in the 35th New Energy Auction shows its strategic relevance for the sustainable expansion of the Brazilian electric system. By incorporating new photovoltaic solar generation capacity, the project contributes to the safe supply of future demand and to the expansion of the share of renewable sources in the electricity matrix. As a result, the country benefits from greater diversification of supply, progress in the energy transition, and more robust conditions for the growth of the electricity sector in the medium and long term.

INVESTMENT
US$ 550 million

JOBS
27.6 thousand

LOCATION
PI

CAPACITY
600 MW

TYPE UFV

PAC: YES

Project Status
In progress

Operation forecast
03/05/2026

ELECTRIC POWER GENERATION

NOVO TEMPO BARCARENA

New Fortress Energy (NFE)

Benefits to the Country and Region

The Novo Tempo Barcarena TPP participated in the 30th New Energy Auction (LEN), contributing to the structured expansion of the supply of electricity generation in Brazil by enabling new firm energy capacity for the National Interconnected System. Powered by natural gas, a fuel recognized as a transition energy source, the plant reinforces sectoral planning by ensuring reliable supply in the medium and long term, reducing uncertainties associated with meeting future demand. For the country, its contracting strengthens energy security, sustains economic growth and ensures greater predictability in the process of expanding the electricity matrix.

INVESTMENT
US$ 284.63 million

JOBS
7.7 thousand

LOCAL
PA

CAPACITY (MW)
629.37

TYPE UTE

PAC: YES

Project Status
In progress

Operation forecast
03/20/2026

TROMBUDO

Beta Energy Producer

Benefits to the Country and Region

The Trombudo TPP participated in the 1st Reserve Capacity Auction, contributing to the strengthening of the security of the national electricity supply by providing firm and dispatchable power to the National Interconnected System. Powered by natural gas, a fuel recognized as a transition energy source, the plant adds operational flexibility and rapid response capacity in times of greater stress in the system, complementing the expansion of renewable sources. As a benefit to the country, its contracting reduces the risks of power deficit, increases the reliability of the electrical system and contributes to a safer and more efficient energy transition, with positive impacts also for regional development.

INVESTMENT
US$ 3.38 million

JOBS
345

LOCAL
SC

CAPACITY (MW)
28.02

TYPE UTE

PAC: YES

Project Status
In progress

Operation forecast
07/01/2026

ELECTRIC POWER GENERATION

DRACO SOLAR PHOTOVOLTAIC COMPLEX

Shell plc

Benefits to the Country and Region

The Draco Solar Photovoltaic Complex integrates the expansion of Brazilian electricity generation through a renewable and low environmental impact photovoltaic solar source, contributing to the increase in the supply of clean energy to the National Interconnected System. The project reinforces the diversification of the electricity matrix and the use of the country's high solar potential, in line with the objectives of energy transition and decarbonization. For Brazil, the complex expands the installed capacity with a competitive source, stimulates regional development and strengthens a growth model for the electricity sector based on sustainable and long-term renewable sources.

INVESTMENT
US$ 464 million

JOBS
23.3 thousand

LOCATION
MG

CAPACITY
505 MW

TYPE UFV

PAC: YES

Project Status
In progress

Operation forecast
04/17/2026

PORTOCÉM I

New Fortress Energy (NFE)

Benefits to the Country and Region

The Portocém TPP participated in the 1st Reserve Capacity Auction, contributing to strengthening the security of the national electricity supply by providing firm and dispatchable power to the National Interconnected System. Powered by natural gas — a fuel widely recognized as a transition energy source — the plant combines operational reliability with lower relative emissions compared to more carbon-intensive fossil sources. For the country, its contracting reduces the risk of power deficit, increases the reliability of the system, and reduces the need for more costly emergency activations.

INVESTMENT
US$ 797 million

JOBS
19.3 thousand

LOCAL
PA

CAPACITY
1.6 GW

TYPE UTE

PAC: YES

Project Status
In progress

Operation forecast
02/08/2026

ELECTRIC POWER GENERATION

ESTRELA

ATIAIA RENOVÁVEIS

Benefits to the Country and Region

The Estrela HPP participated in the 37th New Energy Auction (LEN), contributing to the expansion of the supply of electricity generation in Brazil through renewable sources and high reliability to the National Interconnected System. The project reinforces the expansion planning by incorporating energy with high operational predictability and long useful life, supporting the meeting of future demand in a structuring way. For the country, its contracting strengthens energy security, promotes the diversification of the electricity matrix with renewable sources and ensures greater stability and predictability to the growth process of the electricity sector. The plant will also contribute to the regulation of rivers, assisting in water supply and flood control.

INVESTMENT
US$ 60.44 million

JOBS
260

LOCAL
GO

CAPACITY
48.4 MW

TYPE HPP

PAC: NO

Project Status
In progress

Operation forecast
12/31/2027

SERRA DA PALMEIRA

CTG BRASIL (CHINA THREE GORGES)

Benefits to the Country and Region

The Serra da Palmeira Wind Complex is part of the expansion of Brazilian electricity generation through renewable sources and low environmental impact, contributing to the increase in the supply of clean energy to the National Interconnected System. The project reinforces the diversification of the electricity matrix and the use of the high national wind potential, with generation in line with the objectives of energy transition and sustainability. For the country, the complex increases the security of supply by reducing dependence on fossil sources, stimulates regional development and strengthens a growth model for the electricity sector based on competitive and long-term renewable sources

INVESTMENT
US$ 519.92 million

JOBS
19.5 thousand

LOCAL
PB

CAPACITY (MW)
648 MW

TYPE EOL

PAC: YES

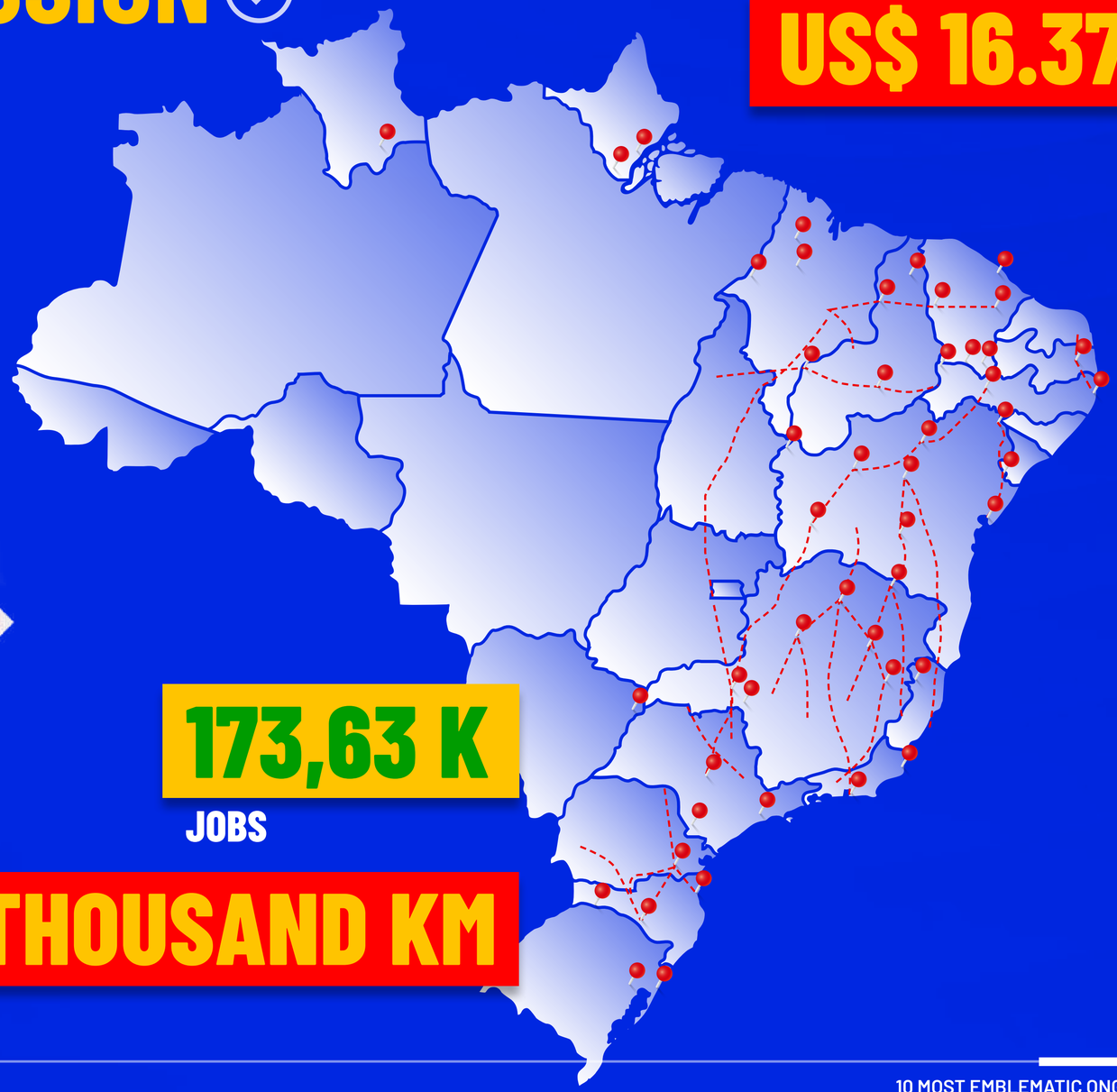
Project Status
In progress

Operation forecast
01/09/2026

POWER TRANSMISSION

BRAZIL OUTLOOK

US$ 16.37 BILLION



173,63 K

JOBS

26.6 THOUSAND KM

LENGTH

10 MOST EMBLEMATIC ONGOING DEVELOPMENTS IN THE SECTOR

POWER TRANSMISSION

LTS 500 KV PIRAPORA 2 - BURITIZEIRO 3 - S.GOTARDO 2 AND BURITIZEIRO 3 - S.G.DO PARÁ AND SE BURITIZEIRO 3

CYMI

Developments

- LT 500 kV Buritizeiro 3 - São Gonçalo do Para, C1, CS:
- LT 500 kV Buritizeiro 3 - São Gotardo 2. C1, CS.
- LT 500 kV Pirapora 2 - Buritizeiro 3. C1 and C2, CD:
- 500/345 kV Buritizeiro 3 substation:
- 345 kV transmission line between Buritizeiro 3 substation and 345 kV Pirapora 2 transmission line - Várzea de Palma C1:
- 345 kV transmission line between Buritizeiro 3 substation and 345 kV Pirapora 2 transmission line - Três Marias C1.

Benefits to the Country and Region

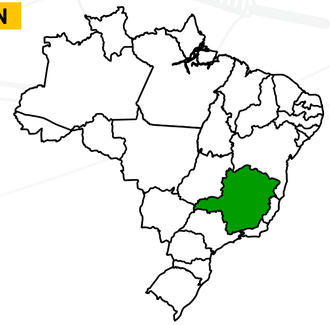
Eliminate restriction on the flow of photovoltaic generation in the North of M inas Gerais and avoid the risk of overloading equipment in the Basic Grid

INVESTMENT
US$ 436 million

JOBS
4.8 thousand

EXTENSION
777 km

LOCATION
MG



TYPE LT/SE

PAC: YES

Project Status
In progress

Operation forecast
09/30/2027

POWER TRANSMISSION

LT 500 KV GOVERNADOR VALADARES 6 - LEOPOLDINA 2 - TERMINAL RIO E SE 500 KV LEOPOLDINA 2

ISA ENERGIA BRASIL

Developments

- 500 kV Governador Valadares 6 - Leopoldina 2 C1 and C2, CD, with 2 x 331 km;
- 500 kV Leopoldina 2 transmission line – Terminal Rio C1 and C2, CD, with 2 x 191 km;
- SE 500 kV Leopoldina 2 - new 500 kV yard.

Benefits to the Country and Region

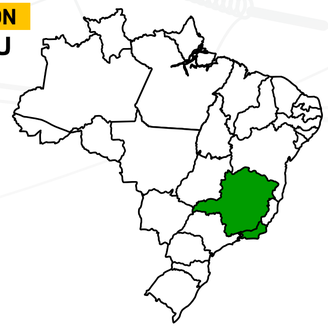
Increase in the flow margins of energy from the Interconnection of the North/Northeast system to the Southeast/Midwest system.

INVESTMENT
US$ 436 million

JOBS
4.3 thousand

EXTENSION
1,044 km

LOCATION
MG/RJ



TYPE LT/SE

PAC: YES

Project Status
Not started

Operation forecast
03/29/2029

POWER TRANSMISSION

LT 500 KV JUSSIAPE – SÃO JOÃO DO PARAÍSO – CAPELINHA 3 – ITABIRA 5 AND SE 500 KV SÃO JOÃO DO PARAÍSO

GRANDE SERTÃO TRANSMITTERA - GSII

Enterprises

- 500 kV transmission line Jussiape - São João do Paraíso C1. CS:
- LT 500 kV Jussiape - São João do Paraíso C2, CS:
- LT 500 kV São João do Paraíso - Capelinha 3 C1:
- LT 500 kV Capelinha 3 - Itabira 5 CI: and
- SE 500 kV São João do Paraíso - 500 kV yard.
- 3 Bar Reactor Banks of 150 Mvar each
- Synchronous Compensation (-200/+300) Mvar.

Benefits to the Country and Region

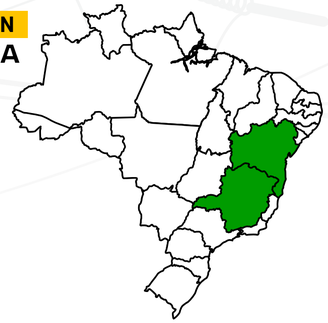
Solve the problem of exhaustion of the existing transmission system in the North and Northeast regions in view of the installed generation capacity and the expectation of contracting high amounts of renewable energy, with emphasis on wind and photovoltaic plants in these regions.

INVESTMENT
US$ 607 thousand

JOBS
6 thousand

EXTENSION
945 km

LOCATION
MG/ BA



TYPE LT/SE

PAC: YES

Project Status
Not started

Operation Forecast
12/30/2029

POWER TRANSMISSION

LT 500 KV PARACATU 4 - NEW BRIDGE 3 - ARARAQUARA 2 AND SE 500 KV NEW BRIDGE 3

NEOENERGIA - EKTT 9

Enterprises

- LT 500 kV Paracatu 4 - Nova Ponte 3, C1 , CS;
- LT 500 kV Nova Ponte 3 - Araraquara 2, C1, CS; and
- SE 500 kV New Bridge 3.

Benefits to the Country and Region

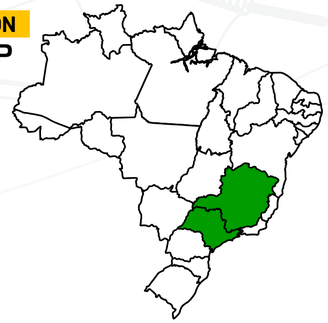
Eliminate restriction on the flow of generation from photovoltaic plants in the North of Minas Gerais and avoid the risk of overload in equipment of the Basic Network and the Distribution Network

INVESTMENT
US$ 360.53 million

JOBS
3.7 thousand

EXTENSION
598 km

LOCATION
MG/SP



TYPE LT/SE

PAC: YES

Project Status
In progress

Operation forecast
02/3/2026

POWER TRANSMISSION

LT ±800 KVCC GRAÇA ARANHA – SILVÂNIA E BIPOLOS

STATE GRID BRAZIL HOLDING (SGBH) - GATE

Projects

- Synchronous Offsets in the Silvânia Substation.
- LT ±800 kVDC Graça Aranha – Silvânia and Bipolos

Benefits for the Country and Region

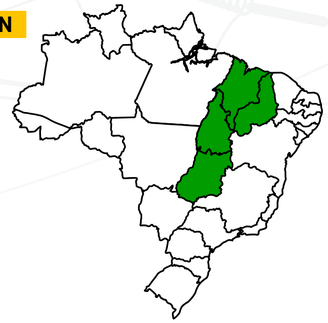
Solve the problem of exhaustion of the existing transmission system in the North and Northeast regions in view of the installed generation capacity and the expectation of contracting high amounts of renewable energy, with emphasis on wind and photovoltaic plants in these regions.

INVESTMENT
US$ 3.43 billion

JOBS
31.6 thousand

EXTENSION
2,960 km

LOCATION
TO
GO
MA
PI



TYPE COMPENSATION and LT/SE

PAC: YES

Project Status
In progress

Operation forecast
02/03/2026

POWER TRANSMISSION

LT 525 KV CURITIBA OESTE – ABDON BATISTA 2 - ABDON BATISTA, SE CURITIBA OESTE AND SE ABDON BATISTA 2

ENGIE-GRAÚNA

Enterprises

- LT 525 kV Curitiba Oeste – Abdon Batista 2 C1, CS;
- LT 525 kV Abdon Batista - Abdon Batista 2, C1 and C2, CD;
- SE 525 kV Curitiba West;
- SE 525 kV Abdon Batista 2;
- Sections of 525 kV transmission line between the sectioning of the 525 kV Bateias - Ponta Grossa transmission line, C1, in the Curitiba West substation;

Benefits to the Country and Region

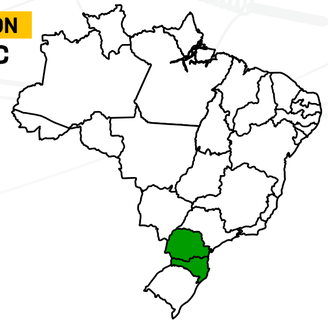
Increase reliability in the 525 kV network; Eliminate overload problems on the 525 kV Itá - Salto Santiago transmission line and the Areia - Campos Novos transmission line on the contingency of one of them

INVESTMENT
US$ 284.63 million

JOBS
3.1 thousand

EXTENSION
269 km

LOCATION
PR/SC



TYPE LT/SE

PAC: YES

Project Status
Not started

Operation Forecast
12/20/2029

POWER TRANSMISSION

LT 500 KV BURITIRAMA - BARRA II CORRENTINA - ARINOS 2, SE 500 KV BARRA II AND SE 500 KV CORRENTINA

ISA ENERGIA BRASIL

Enterprises

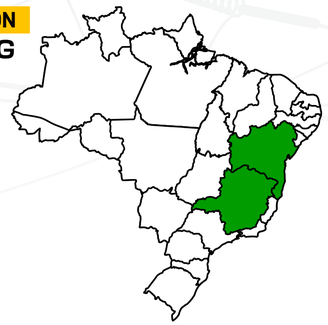
- LT 500 kV Buritirama - Barra II C1, CS, with 107 km;
- 500 kV Barra II - Correntina C1, CS transmission line, with 285 km;
- LT 500 kV Correntina - Arinos 2 C1, CS, with 309 km;
- 500 kV transmission lines between the Correntina substation and the sectioning of the 500 kV Bom Jesus da Lapa - Rio das Éguas C1, CS transmission line, with 1 km each;
- SE 500 kV Bar II and Synchronous Compensation (-200/+300) Mvar; and
- SE 500 kV Correntina.

INVESTMENT
US$ 417.46 million

JOBS
4.1 thousand

EXTENSION
702 km

LOCATION
BA/MG



Benefits for the Country and Region

Solve the problem of exhaustion of the existing transmission system in the Northeast region in view of the installed generation capacity and the expectation of contracting high amounts of renewable energy, with emphasis on wind and photovoltaic plants in these regions.

TYPE LT/SE

PAC: YES

Project Status
In progress

Operation forecast
03/29/2029

POWER TRANSMISSION

LT 500 KV QUIXADÁ-CRATEÚS-TERESINA, SE 500 KV TERESINA IV, SE 500 KV CRATEÚS AND SYNCHRONOUS COMPENSATION

NOVA ERA TERESINA

Enterprises

- 500 kV Quixadá - Crateús C1, CS;
- 500 kV Crateús - Teresina IV C1, CS transmission line;
- SE 500 kV Teresina IV;
- SE 500 kV Crateús and Synchronous Compensation (-200/+300) Mvar.
- Sectioning of the 500kV Tianguá II – Teresina II C1 transmission line in the Teresina IV substation.

Benefits for the Country and Region

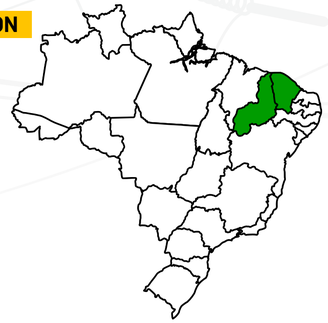
Solve the problem of exhaustion of the existing transmission system in the North and Northeast regions in view of the installed generation capacity and the expectation of contracting high amounts of renewable energy, with emphasis on wind and photovoltaic plants in these regions.

INVESTMENT
US$ 322.58 million

JOBS
3.4 thousand

EXTENSION
442 km

LOCATION
PI/CE



TYPE LT/SE

PAC: YES

Project Status
Not started

Operation Forecast
06/30/2029

POWER TRANSMISSION

LT GENTIO DO OURO II - BOM JESUS DA LAPA II C3; BOM JESUS DA LAPA II-JAÍBA C2; JAÍBA-BURITIZEIRO 3 C2

RIALMA TRANSMISSORA - RIALMA V

Developments

- 500 kV Gentile do Ouro II - Bom Jesus da Lapa II C3;
- 500 kV Bom Jesus da Lapa II - Jaíba C2 transmission line; and
- LT 500 kV Jaíba - Buritizeiro 3 C2.

Benefits for the Country and Region

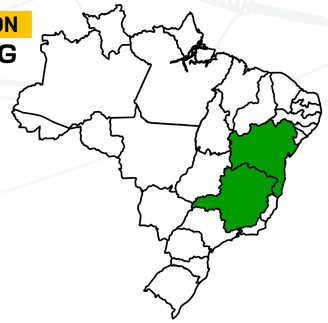
Solve the problem of exhaustion of the existing transmission system in the Northeast region in view of the installed generation capacity and the expectation of contracting high amounts of renewable energy, with emphasis on wind and photovoltaic plants in these regions.

INVESTMENT
US$ 380 million

JOBS
3.8 thousand

EXTENSION
807 km

LOCATION
BA/MG



TYPE LT/SE

PAC: YES

Project Status
In progress

Operation forecast
03/29/2029

POWER TRANSMISSION

LT 500 KV BOM NOME II – ZEBU III – OLINDINA, SE 500/230/138 KV BOM NOME II AND SE 500/230 KV ZEBU III

AXIA ENERGY - NEW ERA INTEGRATION

Enterprises

- 500 kV Bom Nome II – Zebu III – C1;
- LT 500 kV Zebu III – Olindina – C1;
- SE 500/230/138 kV Bom Nome II;
- SE 500/230 kV Zebu III;
- Sectioning of the 500 kV Milagres II – Luiz Gonzaga – C1 transmission line at the Bom Nome II substation;
- LT 230 kV Bom Nome – Bom Nome II – C1;
- LT 230 kV Bom Nome – Bom Nome II – C2;
- 230 kV Zebu III – Forest II – C1 transmission line;
- LT 230 kV Zebu II – Zebu III – C1; and
- LT 230 kV Zebu II – Zebu III – C2.

Benefits for the Country and Region

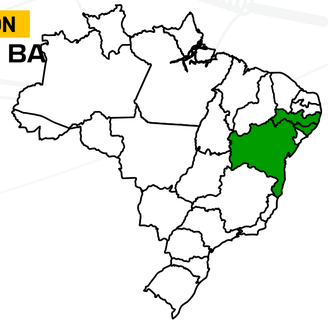
Solve the problem of exhaustion of the existing transmission system in the North and Northeast regions in view of the installed generation capacity and the expectation of contracting high amounts of renewable energy, with emphasis on wind and photovoltaic plants in these regions.

INVESTMENT
US$ 322.58 million

JOBS
3.2 thousand

EXTENSION
525 km

LOCATION
PE AL BA



TYPE LT/SE

PAC: YES

Project Status
Not started

Operation Forecast
12/30/2029

ENERGY DISTRIBUTION

PLANNED INVESTMENTS BY

THE MAIN DISTRIBUTION COMPANIES THROUGH 2029:

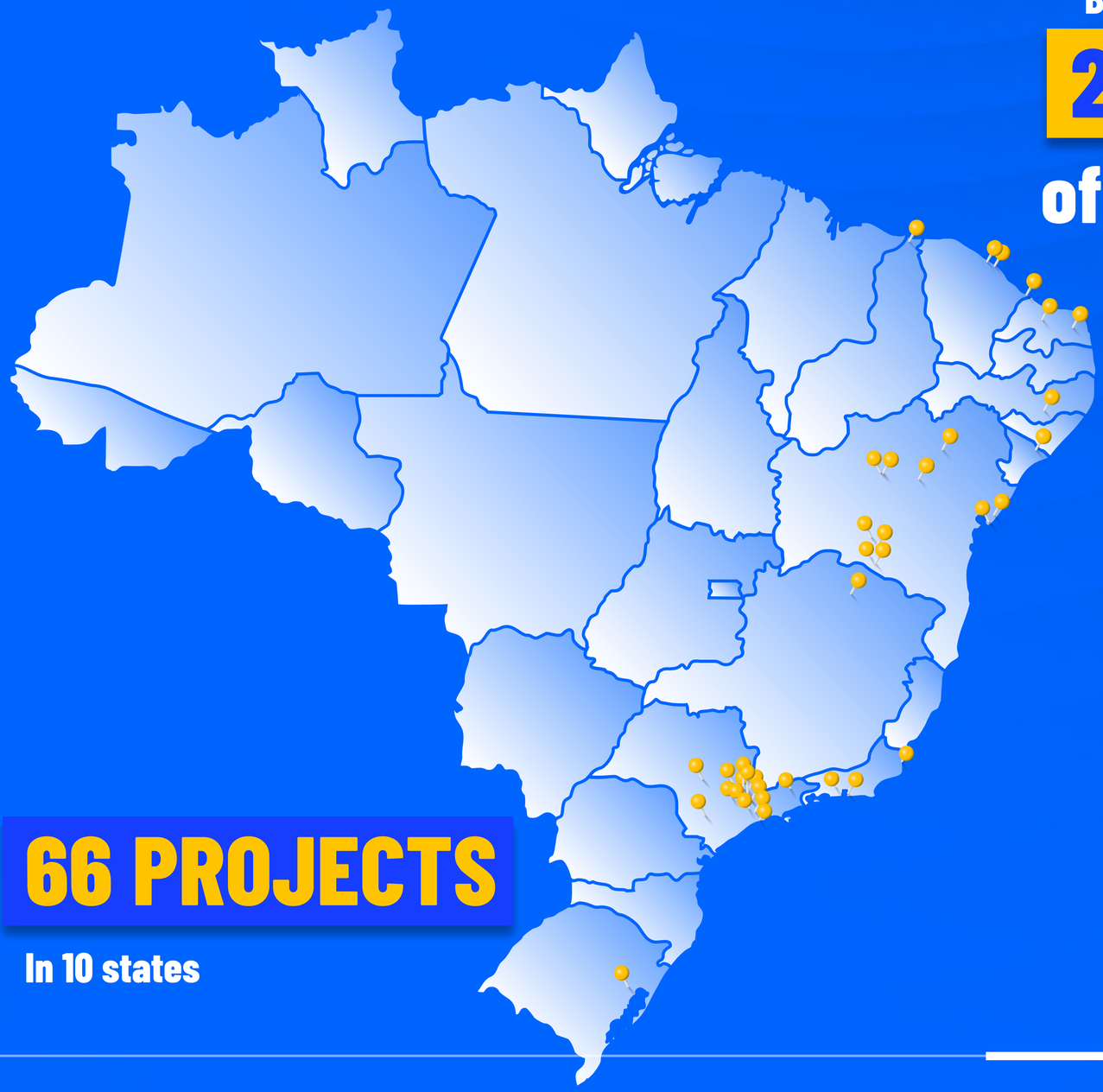
Type Of Work	2025	2026	2027	2028	2029	Total
Renewal	US$ 1.14 BILLION	US$ 1.18 BILLION	US$ 1.23 BILLION	US$ 1.29 BILLION	US$ 1.29 BILLION	US$ 6.15 BILLION
Improvement	US$ 1.97 BILLION	US$ 2.2 BILLION	US$ 2.77 BILLION	US$ 2.05 BILLION	US$ 2.05 BILLION	US$ 11.1 BILLION
Expansion	US$ 5.75 BILLION	US$ 6 BILLION	US$ 5.92 BILLION	US$ 5.12 BILLION	US$ 4.63 BILLION	US$ 27.46 BILLION
Total	US$ 8.88 BILLION	US$ 9.39 BILLION	US$ 9.94BILLION	US$ 8.48 BILLION	US$ 7.99 BILLION	US$ 44.71 BILLION

DATA CENTER

BRAZIL OVERVIEW

28,5 GW

of demand by 2038



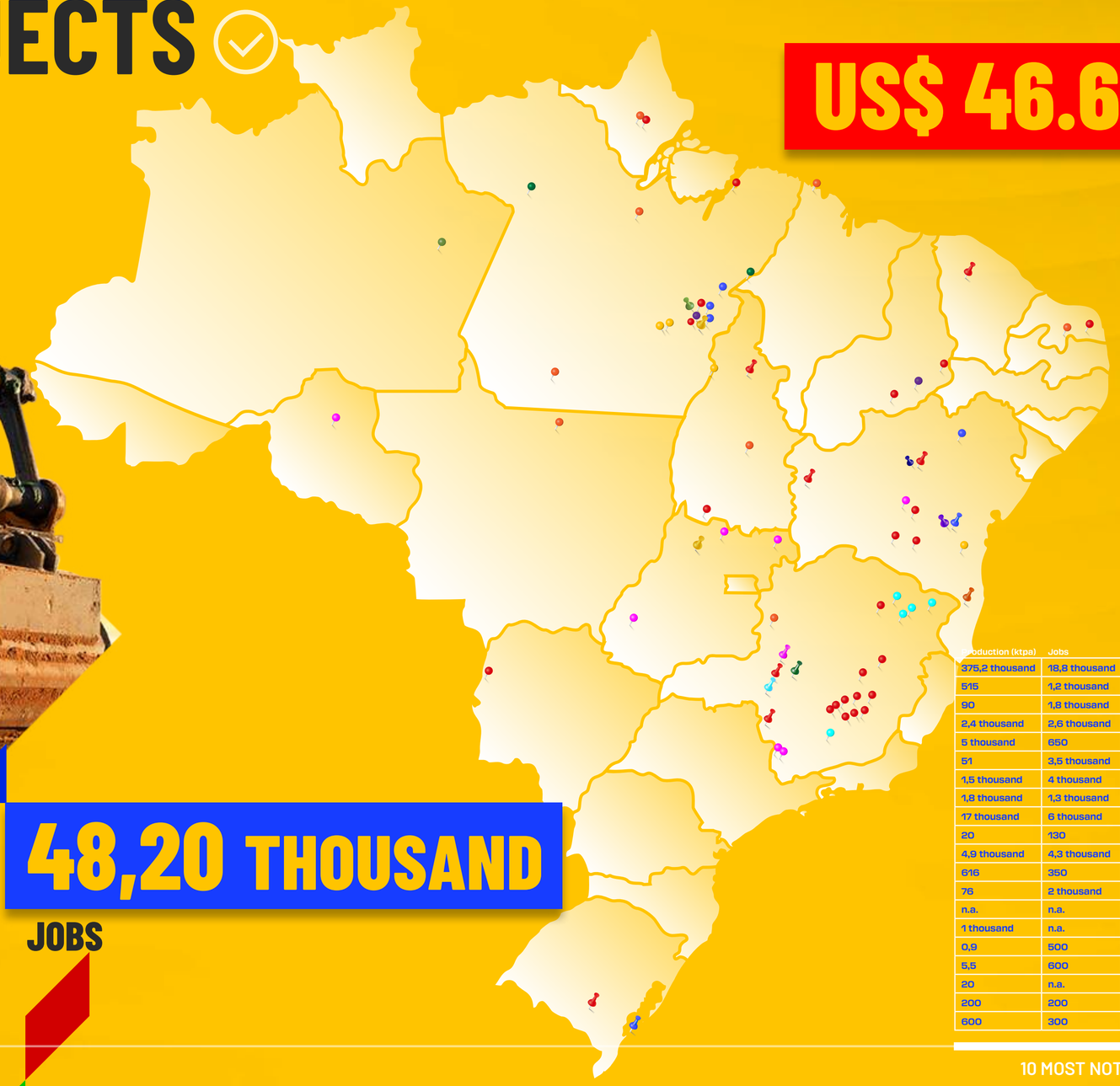
66 PROJECTS

In 10 states

MINERAL PROJECTS

BRAZIL OVERVIEW

US$ 46.62 BILLION



48,20 THOUSAND

JOBS

Production (ktpa)	Jobs	Investment (us$)	
375,2 thousand	18,8 thousand	us$ 21.08 billion	Iron Ore
515	1,2 thousand	us$ 6.20 billion	Copper
90	1,8 thousand	us$ 2.50 billion	Nickel
2,4 thousand	2,6 thousand	us$ 2.35 billion	Fertilizer (Potassium Chloride)
5 thousand	650	us$ 2.22 billion	Rare Earths
51	3,5 thousand	us$ 1.94 billion	Nickel And Cobalt
1,5 thousand	4 thousand	us$ 1.76 billion	Gold
1,8 thousand	1,3 thousand	us$ 1.42 billion	Lithium Ore
17 thousand	6 thousand	us$ 1.33 billion	Bauxite (Aluminum Ore)
20	130	us$ 1.04 billion	Niobium
4,9 thousand	4,3 thousand	us$ 0.93 billion	Fertilizer (Phosphate Concentrate)
616	350	us$ 0.76 billion	Titanium
76	2 thousand	us$ 0.66 billion	Copper And Gold
n.a.	n.a.	us$ 0.51 billion	Copper, Nickel And Gold
1 thousand	n.a.	us$ 0.47 billion	Fertilizer (Phosphate Concentrate/Potassium)
0,9	500	us$ 0.46 billion	Vanadium
5,5	600	us$ 0.38 billion	Graphite
20	n.a.	us$ 0.38 billion	Niobium And Rare Earths
200	200	us$ 102.47 million	Titanium And Rare Earths
600	300	us$ 73.78 million	Fertilizer (Phosphate Concentrate/Agricultural Limestone)

10 MOST NOTABLE ONGOING PROJECTS IN THE SECTOR

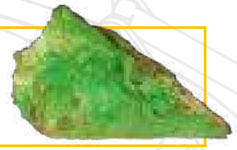
MINERAL PROJECTS

ONÇA PUMA MINERAL COMPLEX

Vale S.A.

Benefits to the Country and Region
Strategic ore for energy transition.
Largest ferronickel operation in Brazil.

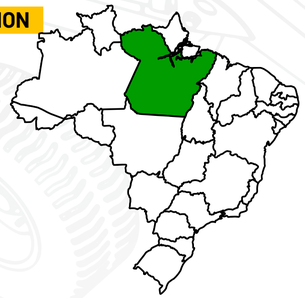
ORE Nickel



INVESTMENT
US$ 493 million

JOBS
1.8k

LOCATION
PA



PRODUCTION
40 ktpa

PAC: NO

Project Status
Expansion

Operation Forecast
09/30/2025

CALDEIRA PROJECT

METEORIC RESOURCES

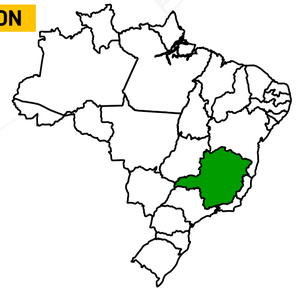
Benefits for the Country and Region
They are crucial for cutting-edge technologies, such as electronics (cell phones, LEDs), renewable energies (wind turbines), electric mobility (electric car engines) and defense (missile systems), due to their unique properties of magnetism and luminescence, making them vital for the energy transition and the modern economy.

ORE Rare Earths

INVESTMENT
US$ 303 million

JOBS
500

LOCATION
MG



PRODUCTION
5 thousand ktpa

PAC: NO

Project Status
Implementation

Operation Forecast
12/31/2026

MINERAL PROJECTS

PIAUÍ NICKEL PROJECT

BRAZILIAN NICKEL

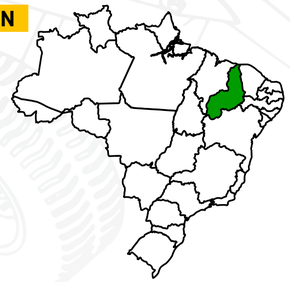
Benefits to the Country and Region
They are strategic metals essential for the energy and technological transition, fundamental in the manufacture of lithium-ion batteries (electric vehicles), stainless steels, corrosion-resistant superalloys and high temperatures, in addition to acting as critical micronutrients in biological nitrogen fixation in agriculture

ORE Nickel and Cobalt

INVESTMENT
US$ 1.27 billion

JOBS
3.5k

LOCATION
PI



PRODUCTION
27 ktpa

PAC: NO

Project Status
Implementation

Operation Forecast
01/01/2029

IRECÊ PHOSPHATE MINE

CBPM/GALVANI (COMPANHIA BAIANA DE PESQUISA MINERAL)

Benefits for the Country and Region
Strategic ore for food security (fertilizer). Contribution to the National Fertilizer Plan (PNF). Reduction of regional dependence on imported fertilizers. Strengthening agriculture and food security in the North and Northeast regions. No use of tailings dams and zero water consumption in processing, with exclusive phosphate dry concentration technology.

ORE Fertilizer (Phosphate Concentrate)

INVESTMENT
US$ 64.52. Million

JOBS
900

LOCATION
BA

PRODUCTION
350 ktpa

PAC: NO

Project Status
Operating

Operation Forecast
12/31/2026

MINERAL PROJECTS

COLINA PROJECT

PILBARA MINERALS LIMITED (LATIN RESOURCES)

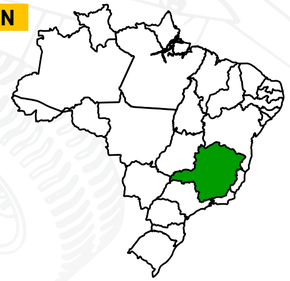
Benefits to the Country and Region
Strategic ore for energy transition. Potential to become one of the top 10 hard rock lithium operations in the world (excluding Africa)

ORE Lithium Ore

INVESTMENT
US$ 322.58 million

JOBS
1 thousand

LOCATION
MG



PRODUCTION
405 ktpa

PAC: NO

Project Status
Feasibility

Operation Forecast
01/06/2026

RETIRO PROJECT

RIO GRANDE MINING

Benefits to the Country and Region
It is a strategic metal of high importance due to its exceptional strength-to-weight ratio, resistance to corrosion (including in seawater) and biocompatibility. It is critical in the aerospace, medical (implants), chemical, and automobile industries, as well as being used in white pigments (TiO2) and sports equipment. For many years, Brazil produced a stable amount of titanium and zirconium minerals at the Guajú-PB Mine, but since 2022, with the depletion of this mine, Brazil has become fully dependent on importing these.

ORE Titanium

INVESTMENT
US$ 246.68 million

JOBS
350

LOCATION
RS

PRODUCTION
352 ktpa

PAC: NO

Project Status
Implementation

Operation Forecast
01/01/2027

MINERAL PROJECTS

MORRO DO OURO

KINROSS

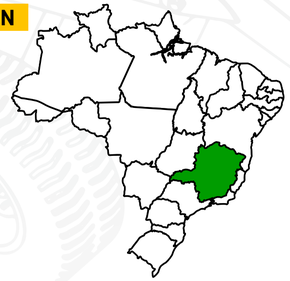
Benefits to the Country and Region
One of the largest open-pit gold mines in the world. The company accounts for about 22% of the gold produced in Brazil.

ORE Gold

INVESTMENT
US$ 148.58 million

JOBS
1.8k

LOCATION
MG



PRODUCTION (KTPA)
545 thousand ounces/year

PAC: NO

Project Status
Operating

Operation Forecast
01/06/2024

FERRO VERDE PROJECT

BRAZIL IRON MINERAÇÃO

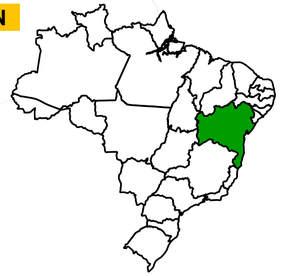
Benefits to the Country and Region
One of the country's main export products. The project harnesses the region's abundant renewable energy and employs advanced carbon capture and storage technologies to achieve a more than 90% reduction in emissions from the start, while studying the transition to low-carbon hydrogen to achieve net-zero emissions

ORE Iron Ore

INVESTMENT
US$ 5.85 billion

JOBS
133

LOCATION
BA



PRODUCTION
19,6 mil ktpa

PAC: NO

Project Status
Expansion

Operation Forecast
01/01/2030

MINERAL PROJECTS

AUTAZES PROJECT

POTASSIUM DO BRASIL LTDA

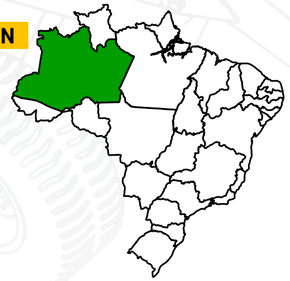
Benefits to the Country and Region
A strategic ore for food security (fertilizer), Brazil imports approximately 95% of the potash consumed in the country. The carbon footprint is 20% lower than any other potash project in the world. Phase 1 will reduce greenhouse gases by more than 1 million tons per year, equivalent to planting more than 44 million trees/year

ORE Fertilizer (Potassium Chloride)

INVESTMENT
US$ 2.35 billion

JOBS
2.6k

LOCATION
AM



PRODUCTION
2.4K ktpa

PAC: NO

Project Status
Mining application filed with the ANM

Operation Forecast
01/01/2028

NEW MINES PROJECT

MINING RIO DO NORTE (MRN)

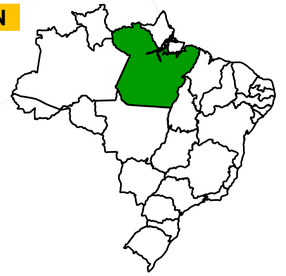
Benefits to the Country and Region
Strategic ore to support the energy transition. Expansion of its activities to ensure production until 2042, focusing on new plateaus. Oriximiná-PA, concentrates most of the national production of bauxite (state with >90% of the country's production).

ORE Bauxite (Aluminum Ore)

INVESTMENT
US$ 950 million

JOBS
6 thousand

LOCATION
PA



PRODUCTION
12.5K ktpa

PAC: NO

Project Status
Expansion

Operation Forecast
01/01/2027

METHODOLOGY

The Mines and Energy Investment Book 2026 was designed to consolidate, organize and present investments in the energy and mining sectors in a clear and structured way, contemplating both the projects already in progress and the potential for future investment. The material was structured based on official information, declaratory data from economic agents and technical references recognized in the sector.

For the identification and consolidation of the projects in progress, the investments were organized by segment. In the case of electricity generation, projects granted by the National Electric Energy Agency (ANEEL) and included in the criteria of the Monthly Operation Program (PMO) were considered. Information related to the location, installed capacity, stage of implementation and start-up schedule was obtained from ANEEL's official databases, especially the Generation Supply Expansion Monitoring System (RALIE) and the Generation Information System (SIGA).

For the electricity transmission segment, the projects tendered by ANEEL with a signed concession contract were considered. Data regarding the length of the lines, planned investments, implementation schedules and contractual situation were extracted from the Transmission Management System (SIGET), maintained by the regulatory agency itself.

Information on electricity demand and forecast for the start of operation was obtained directly from interested consumers, based on declared data. In cases where the information presented was not complete or sufficiently detailed, technical and economic estimates based on consolidated sectoral methodologies were used. For data center projects, the energy demand reported by consumers was considered exclusively. It should be noted that the numbers related to the demand and the forecast of entry into operation of consumers correspond to the estimates declared by the agents themselves to the Ministry, according to the procedure in force until December 2025. Thus, such data portray the scenario prior to the institution of the National Policy for Access to the Transmission System (PNAST), published on December 8, 2025. With the issuance of the aforementioned Decree, the projections previously registered in the MME underwent updates throughout the month of January 2026, and may, therefore, present changes in relation to the numbers presented herein.

In the case of low-carbon hydrogen projects that did not present their own cost estimates, the LCOX-Brazil index, developed by Clean Energy Latin America (CELA), was adopted as a reference, which presents a cost range for the production of low-carbon hydrogen in the country based on updated technical and economic studies.

Investments in energy efficiency were consolidated from official sources of the National Program for the Conservation of Electric Energy (PROCEL), including the Fifth Plan for the Application of Resources (5th PAR), the Procel Reluz Super Call and the PROCEL Reluz Resource Application Plan, with data related to the payments made by ENBPar in 2024. This information made it possible to identify the volumes of resources applied, the types of projects supported and the scope of the actions implemented.

For the electricity distribution segment, data on investments planned by the concessionaires contained in the Distribution Development Plan (PDD), prepared and made available by ANEEL, which gathers information on the expansion, modernization and reinforcement of the networks, as well as the investment amounts foreseen by distributor, were used.

The data related to oil, natural gas and biofuel projects were obtained from the monitoring of the New Growth Acceleration Program (New PAC), which gathers information on the description of the projects, installed capacity, planned investments and socio-environmental benefits. The information on job creation, when available, was considered declaratory of the responsible companies.

In the mining sector, in addition to the information provided by the companies responsible for the projects, specialized and institutional publications in the mineral segment were used as complementary sources. In this context, the contents of the Brasil Mineral portal, the Brazilian Mining Institute (IBRAM), the Notícias de Mineração website and the Mining Magazine stand out, which provided subsidies for the identification of projects, characterization of the enterprises, investment estimates and monitoring of the development of the mineral sector in the country.

To estimate the potential for future investment, information from studies and medium and long-term sectoral planning bases were compiled. Among the main references are the Ten-Year Energy Expansion Plan (PDE), with a horizon until 2035, which brings together projections and studies on generation, transmission, oil, natural gas and electromobility; studies by the Brazilian Mining Institute (IBRAM), which present estimates of investments in mineral projects until 2030; and the study "Investments and Operating and Maintenance Costs in the Biofuels Sector: 2026–2035", prepared by the Energy Research Company (EPE), used as a basis for evaluating the potential for investments in the biofuels segment.

MINISTRY OF
MINES AND ENERGY

BRAZILIAN GOVERNMENT

BRASIL

STANDING WITH THE BRAZILIAN PEOPLE