

GRUPO
energisa12 

ENERGIZING THE FUTURE





In **2025**, we celebrate 120 years of history, steeped in **entrepreneurship, innovation** and the ability to foresee trends.

Through our long-term vision, we create value and make a brighter future: **for people, for the country, and for energy itself.**

Energizing the future.

Energy that powers Brazil.

For 120 years, we have grown by delivering the best energy sustainably.



Energisa with an S for Brasil

R\$ 6.2 Bn
2025 investments



97%
of Brazil's landmass
covered



939
municipalities served

863
in energy distribution

76 in natural gas

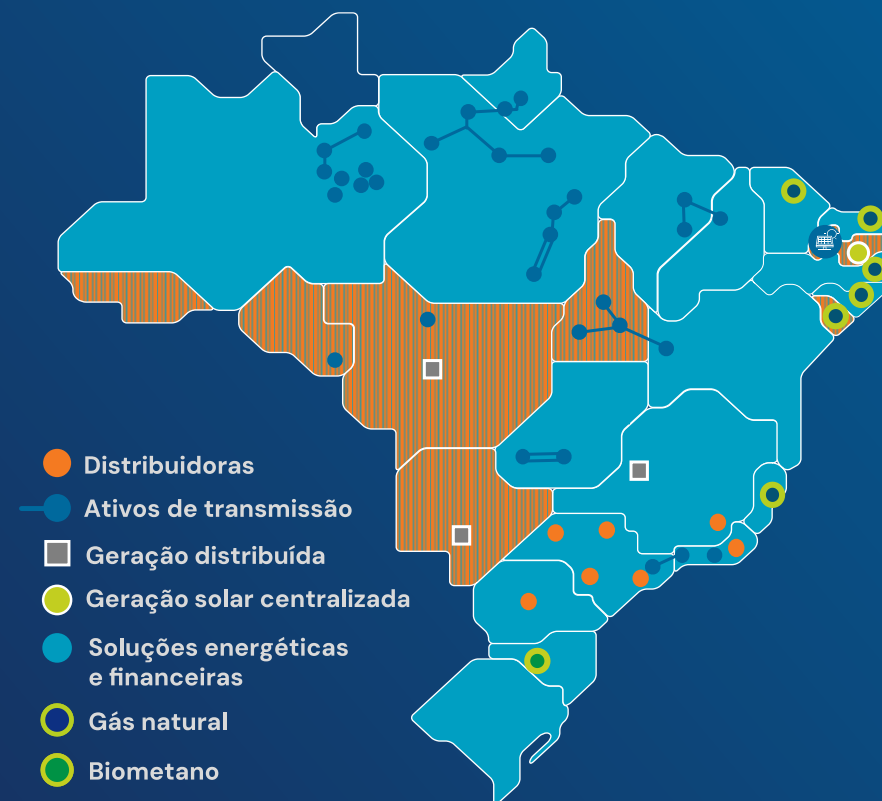


engaged in all
energy
segments

**20
million**
people
served



24,000
employees





Electricity
distribution



(re)energisa

Free electricity market
Renewable distributed generation
Energy solutions

clarke
energia

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Centralized
renewable energy
generation and
transmission



ENERGISA GÁS

ESgás
NORgás

Gas distribution

AGRÍC

Biomethane
production

Agroindustrial waste
management

Organic fertilizer
production

voltz

Fintech



We are the most
comprehensive
ecosystem of
solutions for today's
and future energy
transformation
demands in Brazil.



9 DISTRIBUTION CONCESSIONS

Focused on bringing electricity to everyone.

863 municipalities served

8.8 MM clients

20 MM+ people served
(10% of Brazilians)

2,035 km² of coverage
area: 24% of Brazil's
landmass



13 TRANSMISSION CONCESSIONS

To ensure the quality and reliability of the electricity we deliver.

3,508 Km high-voltage lines

14,454 MVA installed capacity

CENTRALIZED
GENERATION

2 CENTRALIZED- GENERATION SOLAR CLUSTERS (RIO DO PEIXE I AND RIO DO PEIXE II)

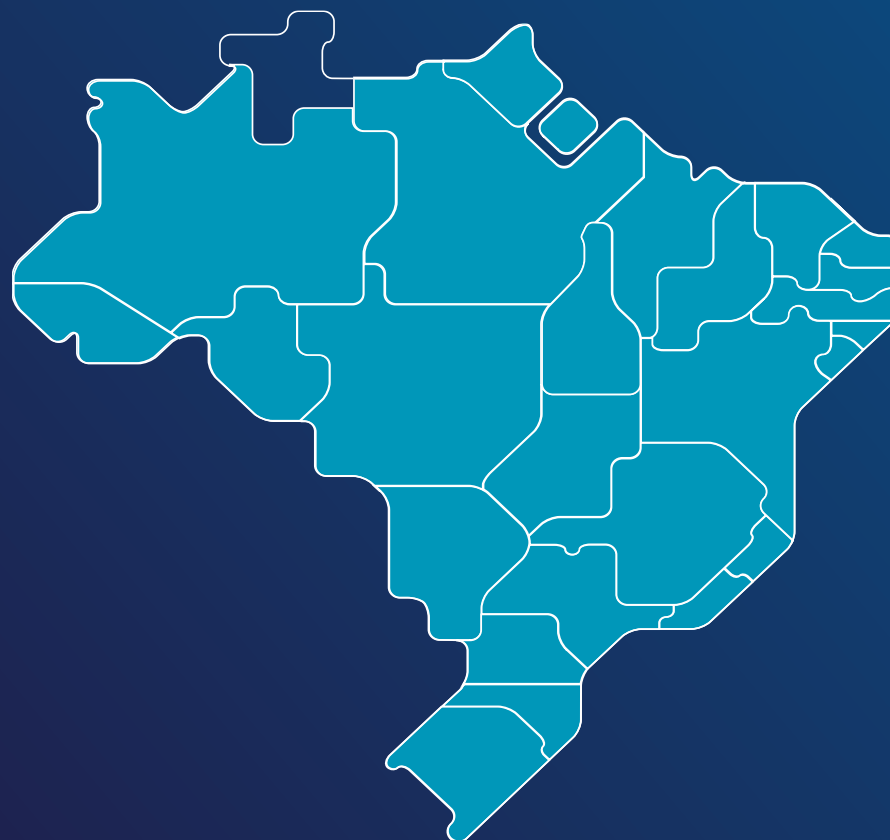
70 MWp (35 MWp
each)

118 DISTRIBUTED-
GENERATION
SOLAR
CLUSTERS

444 MWp

15,000
customers
connected

7 ADDED-VALUE
SERVICE
COMPANIES



(re)energisa

Our decarbonization
solutions, including the
generation of renewable
energy and free market
trading.

NORgas

ESgas

Distributors of the fuel
driving the energy transition:
natural gas.

5 states

76 municipalities

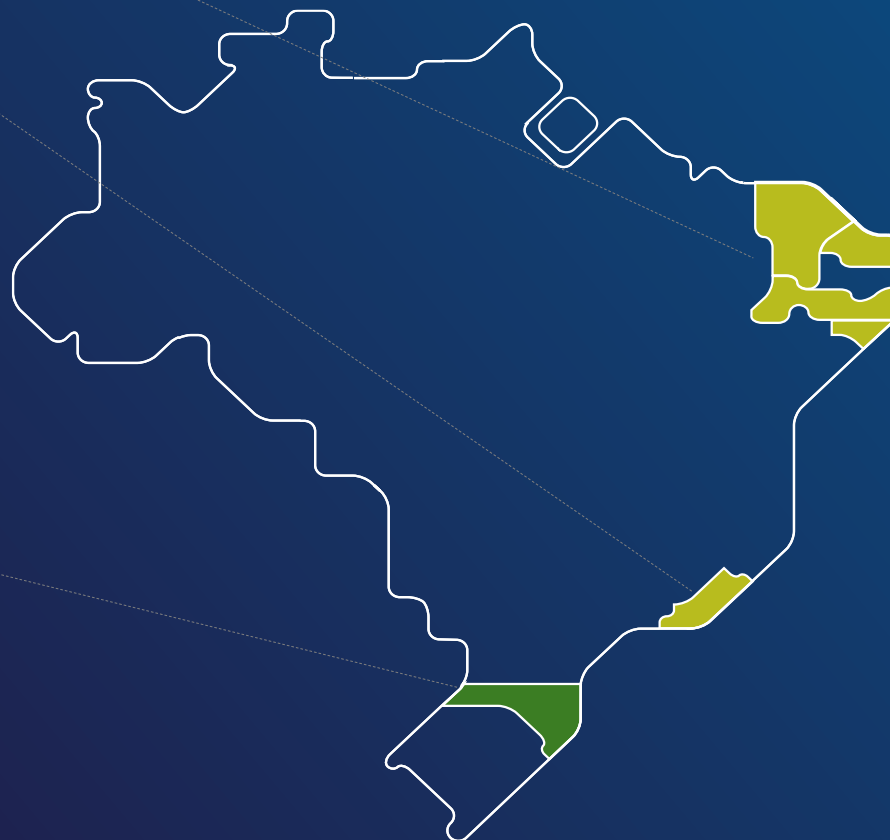
338,000 consumer units

AGRIC

Our first biomethane production
plant, a zero-carbon fuel, and
organic fertilizers through the
management of agro-industrial
waste.

25 K m³
biomethane/day
(2025)

30 K ton organic
fertilizer/year

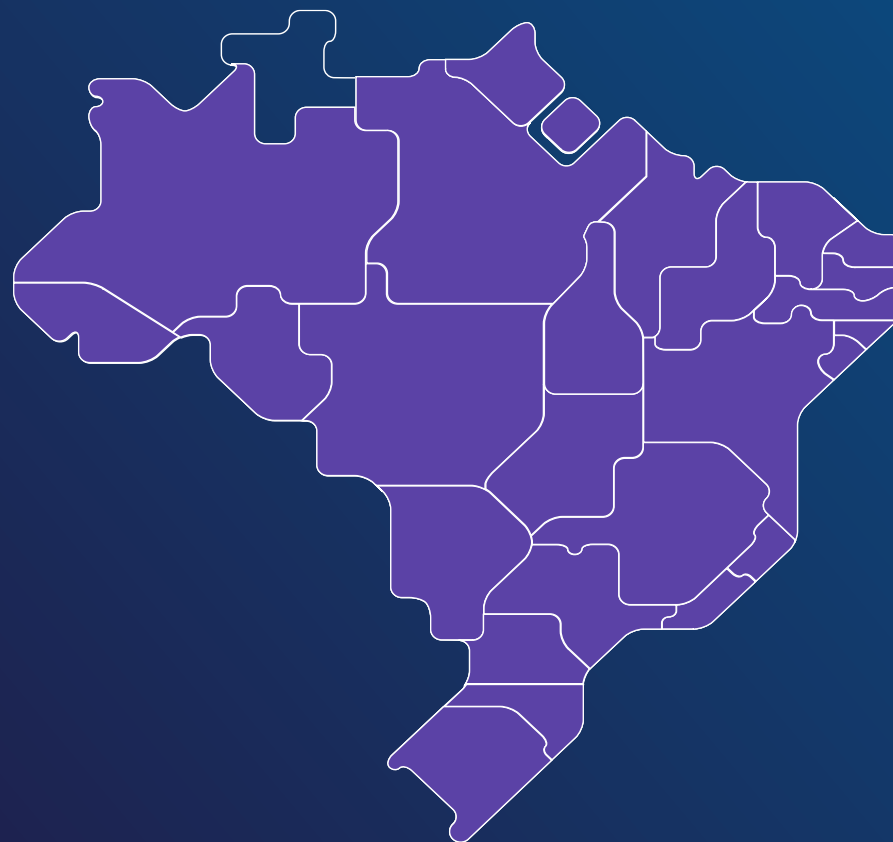


ENERGISAGÁS

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Fintech



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Financial solutions to make
life easier for our
customers and suppliers.

R\$ 1.1 BN
in receivables factored
for Group suppliers

R\$ 55 MM in
corporate credit

Our differentiators

Expertise

120 years of operations in various segments of the energy sector across Brazil.

Solidity and 100% domestic control

The largest private corporate group in the electric sector with 100% Brazilian capital.

We drive development

Lowest outsourcing rate in the sector

**17,400 employees
+ 6,800 contractors**

Sociocultural investment

**R\$ 77.2 MM
2024**



ESG Strategy

We drive the economic, social and cultural development of the communities where we operate and embrace our role in the energy transition, connecting people and businesses to the best energy solutions.

CAUSES

Climate action

Our intensive efforts to decarbonize the energy sector and enable the decarbonization of other sectors.

Mitigating impacts

Map and mitigate the impact on our business by systemically addressing the production chain and the conscientious use of energy and water, while reducing emissions and waste.

Energy transformation

We are committed to expanding access to renewable energy, ensuring energy security and driving innovation.

Energy transition

Enable the addition of renewable sources in Brazil sustainably, with energy security, and matrix reliability.

Sustainable solutions

Help customers navigate the energy transition, offering solutions aligned with the 5Ds (digitization, decarbonization, decentralization, diversification and democratization).

Social mobility

Our presence acts as a catalyst for social, cultural and economic development in all our geographies.

Equal opportunity

We democratize access to knowledge in entrepreneurial education and support income-generation initiatives in our concession areas.

Regional value creation

We stay close to the communities we serve by supporting cultural activities and celebrating regional values.

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HOW WE ARE HELPING
ADDRESS THE
CHALLENGES OF
DECARBONIZATION AND
**UNIVERSAL ENERGY
ACCESS** IN THE LEGAL
AMAZON

OUR ELECTRICITY DISTRIBUTION UTILITIES

IN THE LEGAL AMAZON

ENERGISA
ACRE
since 2018

ENERGISA
RONDÔNIA
since 2018

ENERGISA
MATO GROSSO
since 2014

ENERGISA
TOCANTINS
since 2014





DECARBONIZATION

LEGAL AMAZON
DECARBONIZATION
PROGRAM

ENERGISA LEGAL AMAZON DECARBONIZATION PROGRAM

20
**THERMAL POWER
PLANTS
DECOMMISSIONED**

171.7 MW capacity

Commitment
performed 2 years
ahead of schedule



DECOMMISSIONED THERMAL POWER PLANTS AND AWARDED CAPACITY

Rondônia	Alvorada d'Oeste	6.740 kW
	São Francisco do Guaporé	8.100 kW
	Costa Marques	6.740 kW
	Vale do Anari	4.840 kW
	Machadinho D'Oeste	15.000 kW
	Cujubim	12.000 kW
	Buritis	18.000 kW
	Campo Novo de Rondônia	3.520 kW
	União dos Bandeirantes	6.720 kW
	Vista Alegre do Abunã	9.200 kW
	Extrema	4.840 kW
	Nova Califórnia	4.840 kW
Acre	Espigão d'Oeste	2.200 kW
	Manoel Urbano	2.220 kW
	Assis Brasil	2.200 kW
	Feijó	4.840 kW
Mato Grosso	Tarauacá	8.090 kW
	Cruzeiro do Sul	52.880 kW
	Colniza	2.536 kW
Pará	Santana do Araguaia	15.990 kW



195 MW

2020-2024

Decommissioned
capacity



5 million liters

Diesel
consumption avoided

R\$ 665 million/year decrease
in costs



R\$ 1.2 Bn

Investment

10% company
funds



90% CDE
Energy Development
Account)



539,000

tCO₂/year

Emissions avoided



460,000 people

17 municipalities

Population served
with cleaner energy



3.6 million
trees



3,500 hectares
reforested



5,020 soccer pitches



R\$ 865.7 MM

Annual CCC cost
reduction

75

New substations

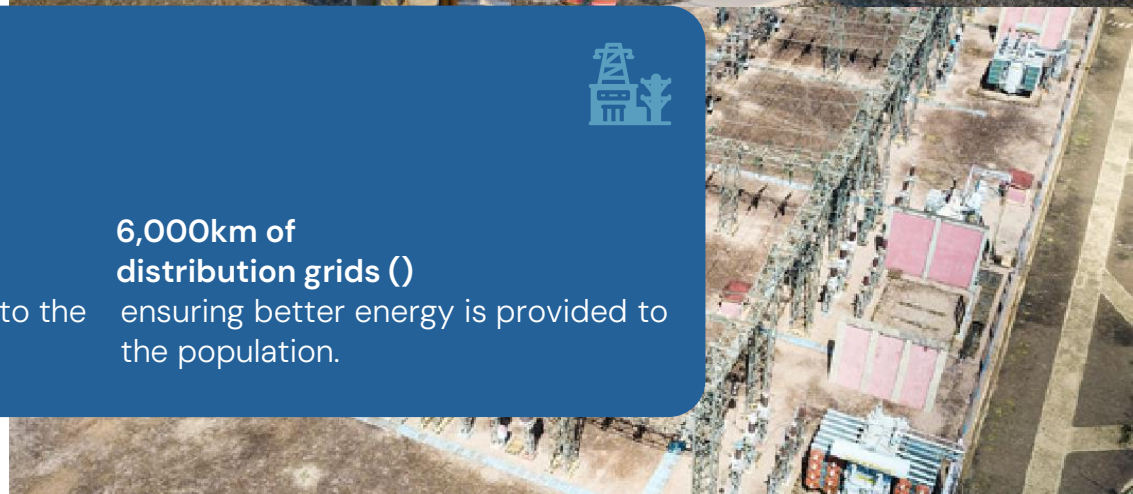
+1,000 Km of high-
voltage grids

integrating remote regions into the
National Grid (SIN)



6,000km of
distribution grids ()

ensuring better energy is provided to
the population.

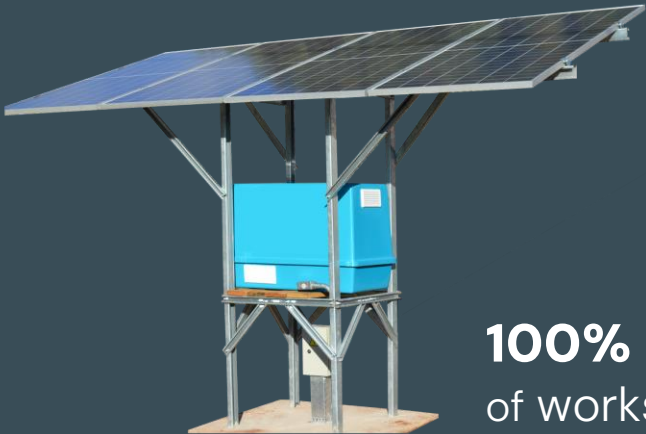




UNIVERSAL ENERGY
ACCESS

LIGHT FOR ALL
PROGRAM

LIGHT FOR ALL ENERGISA



100%
of works finished

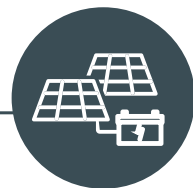
14,269
SIGFIs installed

R\$ 542.2
MM
invested by
Energisa
2021/2024



TIPO GERAÇÃO FV		TRANCHE 1		TRANCHE 2	TRANCHE 3
		2021	2022	2023	2024
ENERGISA AC	SIGFI	323	1.045	2.500	3.500
ENERGISA MT	SIGFI	110	300	1.100	1.100
ENERGISA RO	SIGFI/MIGDI	300	600	1.042	863
ENERGISA TO	SIGFI	200	386	450	450
		3.264		5.092	5.913
TOTAL: 14.269					

A SOLUÇÃO QUE DESENVOLVEMOS



SIGFI

Individual Generation System with
Intermittent Source

CAPACITY SIZED TO MATCH EACH
CONSUMER UNIT'S PROFILE

45 KW/MONTH
CUs WITHOUT APPLIANCES

80 KW/MONTH
REGIONAL AVERAGE

160 KW/MONTH
SCHOOLS, HEALTH CLINICS AND
CHURCHES

2021 AWARD



4 SOLAR ENERGY PANELS

With the capacity for 80KW/Month:
3 LED lamps, 1 fridge up to 207
liters, 1 fan, 1 TV up to 32", radio and
cell phone chargers.



LITHIUM ION BATTERIES

Store the energy generated for up
to 36 hours

Latest generation
(the same as electric cars)

Highly efficient

No risk of leakage Durability

8x smaller and 4x lighter than
lead-acid batteries

CHALLENGES

TIPTOEING ON THE GROUND

Travel across the territory requires experienced teams.

ALL MODES

It can take up to 24 hours for us to reach certain homes and villages. By plane, land, river and, in some cases, on foot through the forest, carrying equipment.

ANOTHER TIME

The rainy season calendar determines access to some locations.



RESPECTING INDIGENOUS CULTURES

Access to indigenous villages is negotiated, step by step, with the regional coordination of FUNAI and the leaders of each tribe.

Language barrier: communication plan to provide these future customers with all the necessary information.

Podcasts developed by teams specialized in communication with indigenous people + training at FUNAI.



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UNIVERSAL ENERGY
ACCESS

VILA RESTAURAÇÃO
ANEEL R&D



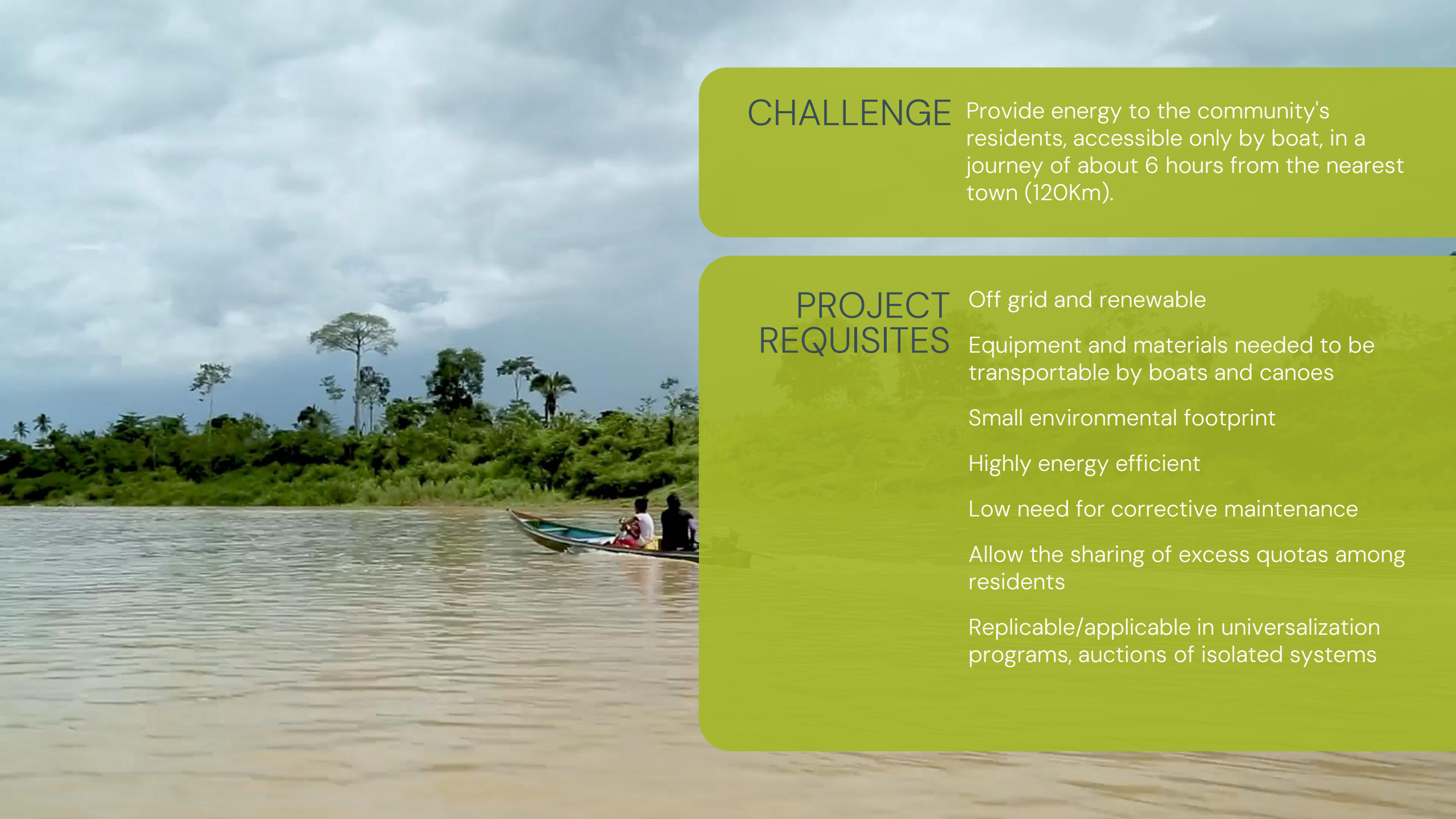
VILA RESTAURAÇÃO

RIVER COMMUNITY IN ACRE
200 CUSTOMERS
~1000 INHABITANTS



DIESEL GENERATOR

Energy for 3 hours a night
Precarious, expensive and dirty

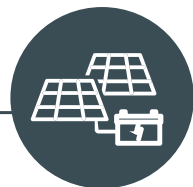


CHALLENGE Provide energy to the community's residents, accessible only by boat, in a journey of about 6 hours from the nearest town (120Km).

PROJECT REQUISITES

- Off grid and renewable
- Equipment and materials needed to be transportable by boats and canoes
- Small environmental footprint
- Highly energy efficient
- Low need for corrective maintenance
- Allow the sharing of excess quotas among residents
- Replicable/applicable in universalization programs, auctions of isolated systems

A SOLUÇÃO QUE DESENVOLVEMOS



MIGDI

Microsystem for Islanded Electricity
Generation and Distribution



2 anos
desenvolvimento
6 meses
execução



229
UCs atendidas
(podem ser atendidas
até 363)



200 toneladas
de equipamento
3,637 KM POR TERRA
10 MIL KM POR RIO



R\$21.85 MM
invested, using funds
from the ANEEL R&D
Program

R\$40,137/cu
CAPEX

R\$197/cu/month
OPEX



USINA SOLAR

575 painéis

325 kWh potência
instalada



GERADORES
BACKUP

2

150kW a biodiesel
penetração média ~ 1,7%



ARMAZENAMENTO

828 kWh

baterias de lítio
container com
sistema de refrigeração
e combate a incêndio



5 KM

rede de distribuição de
média e baixa tensão para
conexão das UCs

2022 AWARD

**SOLAR &
STORAGE**

THE OPERATION



263,6 MWh

energia total provida às cargas



1 único desligamento

por falha humana
(1 hora sem energia)



58 mil tCO₂/ano

equivalente deixam de ser emitidas/ano

CONSUMPTION CONTROL AND CREDIT SHARING BETWEEN Cus - Hemera



Monthly consumption control for each customer (up to 80 kWh).



Limit exceeded:
"social cutoff" (power limited to support only critical loads).



Credit trading platform: residents trade surplus credits among themselves.

TELEMETERING

Smart meter system (ZEUS8021e 8023)



CONSUMER UNIT (AMI + NIC)



TIM TELECOM TOWER



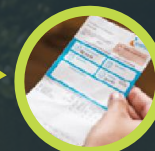
HEMERA

PAYMENTS AND BILLING

Convenience and efficiency with PIX and Voltz (Energisa's Fintech)



FIELD READING



Local printing
(energisa central)
Digital bills
Marechal
taumaturgo agency



TELEMETERING



Totem
Collection agent



Pix*



Voltz*

marechal
taumaturgo
bank/lottery
outlet

MUCH MORE THAN ENERGY

SOCIAL AND ECONOMIC DEVELOPMENT



ENERGY EFFICIENCY

We donate equipment to residents to encourage efficient energy use:
105 refrigerators + 50 freezers
+ 1,000 light bulbs.



FINANCIAL INCLUSION

With free Voltz cards — our fintech — residents pay their bills and access online banking services.



TELEMEDICINE

We donated laptops and fomented a partnership between the Marechal Thaumaturgo municipal government and the platform for online consultations, reducing costs and travel time to the city.



INTERNET AND MOBILE PHONES

Under partnership with TIM, Vila Restauração received the region's first 4G antenna. With it, the villagers now have access to quality internet and mobile phone services.



BASIC SANITATION

We invested in a sewage disposal project for the Vila, with the collaboration of partners experienced in the topic. The project is currently in the fundraising stage through the Municipal government.



INCOME GENERATION

We mapped income generation and development opportunities for the community and carried out an assessment of rural production systems, identifying both potential and limitations.



DISTRIBUTION
A CONNECTION BUILT
WITH EVERY GESTURE,
WITH EVERY WORD

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