INSIDE ENGLE 2022







DISCLAIMER

This event may include forward-looking statements on events or results pursuant to Brazilian and international securities' regulations. These forward-looking statements are based on certain assumptions and analyzes made by ENGIE Brasil Energia S.A., in accordance with its experience and the economic scenario, market conditions and expected events, many of which are outside the control of ENGIE Brasil Energia. In the light of these, the effective results of ENGIE Brasil Energia may differ significantly from those indicated or implicit in the forward-looking statements with respect to events or results.







DISCLAIMER

The information and opinions issued at the event should not be understood as a recommendation to potential investors and no investment decision should be based on the veracity, topicality or completeness of this information or these opinions.

This material includes forward-looking statements as to events subject to risks and uncertainties and projections of economic growth and energy demand, which based on existing expectations and tendencies, may affect the businesses of ENGIE Brasil Energia. Innumerous factors can affect adversely the estimates and assumptions on which these statements are based.

None of the advisors to ENGIE Brasil Energia or the parties related thereto or their representatives shall accept responsibility for any losses, which may occur as a result of the use or the content in this presentation.







RAFAEL BÓSIO

Investors Relations
Manager
ENGIE Brasil Energia



09h00 a.m. - Welcome

09h05 a.m. – Introduction, by Eduardo Sattamini

09h20 a.m. – Regulatory and Commercialization

Panel

10h10 a.m. - Break

10h30 a.m. - TAG Panel

11h10 a.m. – New Businesses and Implementation

Panel

12h00 p.m. - Debate Panel

12h20 p.m. - Closure





EDUARDO SATTAMINI

Chief Executive and Investors Relations Officer **ENGIE Brasil Energia**

INSIDE ENGIE 2022

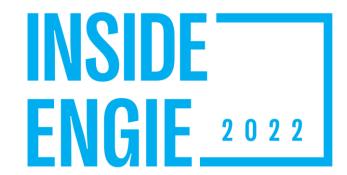
- Overview 2021-2022
- Look back 6 years
- Growth Drivers
- Challenges for the future





MARCOS KELLER

Chief Regulation and Market Officer ENGIE Brasil Energia



- Overview 2021-2022
- Hydrological scenario
- Energy supply and long-term price context
- Regulatory environment and market:
 - Progress and perspectives for the sector agenda
- PL 414:
 - Antecipated renewal of the concessions;
 - Complete opening of the free market







GABRIEL MANN

Chief Energy
Commercialization Officer
ENGIE Brasil Energia

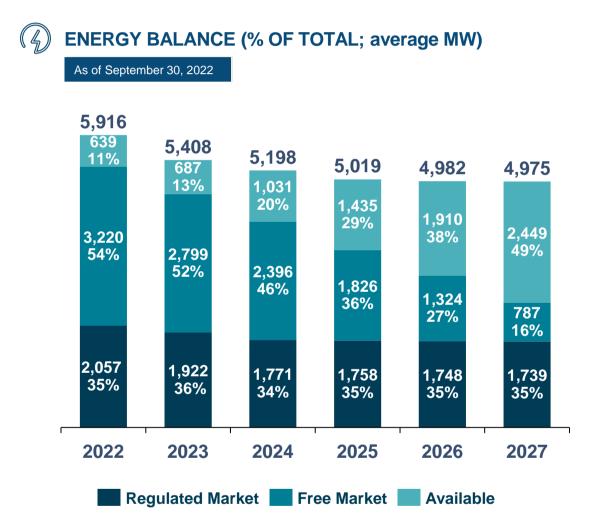
- Overview 2021-2022
- Performance and commercial strategy
- Market intelligence and portfolio management
- Go-To-Market Update
- Evolution of the products portfolio
- Challenges for the future



Energy Commercial Strategy

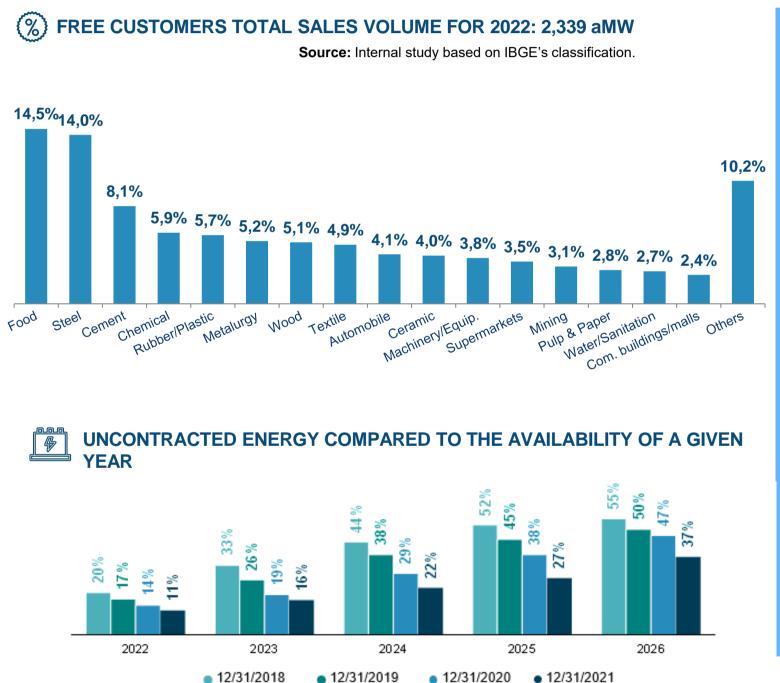


Portfolio diversification and gradual sale of future energy availability, with reserve preservation to protect against hydrological risk











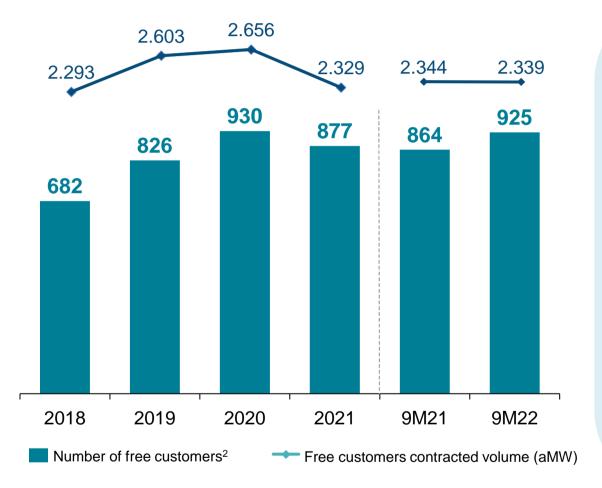
12/31/2021

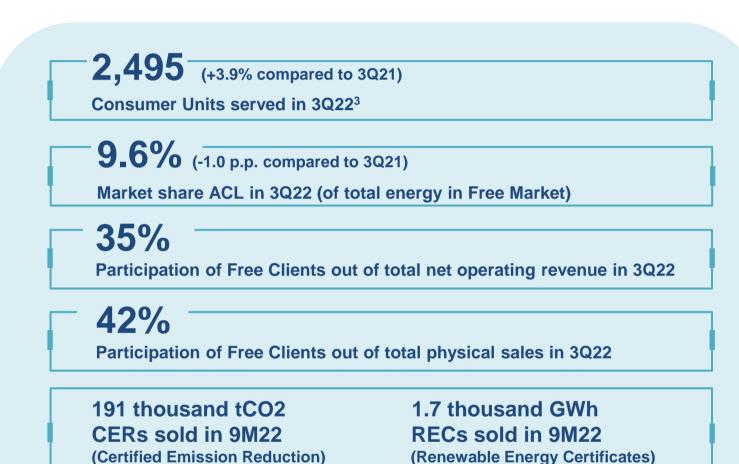
Energy Commercial Strategy





EVOLUTION OF FREE CUSTOMERS¹





Notes

Net of trading operations

² As from 1Q22, the number of free customers takes into account the total number of companies attended, the entire historical series having been adjusted accordingly.

³ Considers consumers units with exiting agreements





LUCIANA NABARRETE

Chief People, Processes and Sustainability Officer ENGIE Brasil Energia



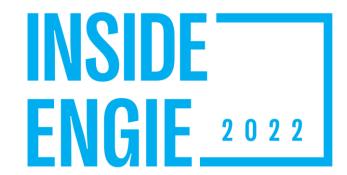
- Sustainability Drivers
- Socio-environmental Programs
- Diversity & Inclusion







OVIDIO QUINTANA
Chief Commercial and
Regulatory Officer
TAG



- TAG Assets and Operational Model
- ESG & Energy Transition
- Brazilian Gas Market Overview
- Commercial & Regulatory Outlook
- Growth & Ambition
- Final Remarks

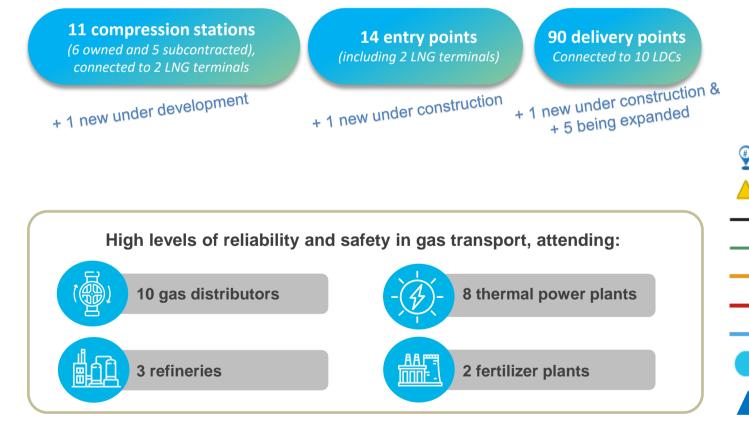


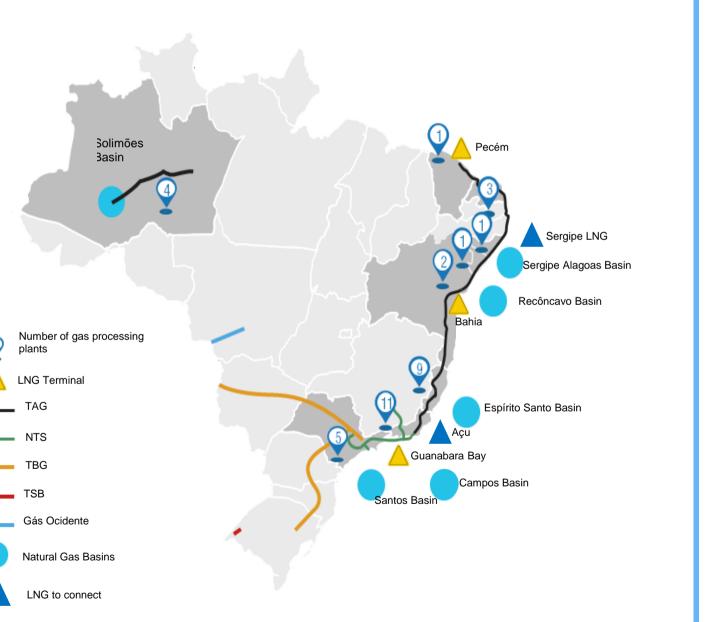
Main Assets Characteristics and Key Numbers



TAG is the largest Brazilian gas transportation company in terms of length

- ~4,500 km of gas pipelines that accounts for 47% of the country's gas transport infrastructure
- 3,700 km in the coastal region of Brazil, crossing almost 200 municipalities in 9 Brazilian states (CE, RN, PB, PE, AL, SE, BA, ES e RJ)
- 800 km in Amazon region, connecting Urucu to Manaus



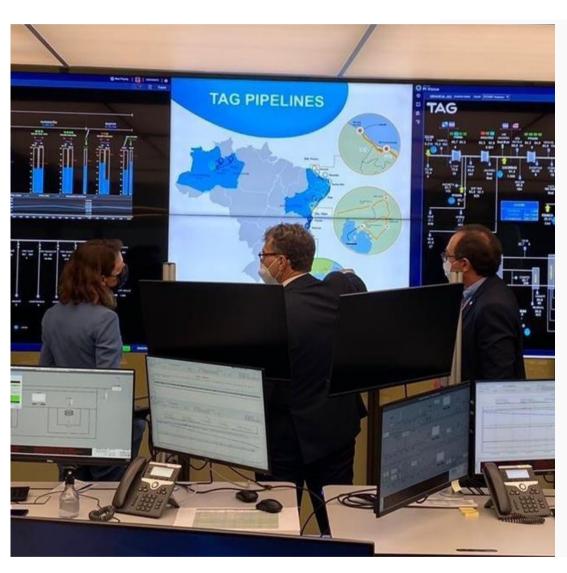




Taking over the Operation

What is behind Gas Transport Contracts





500+ operational screens

100.000+ monitored points

186 site connections (CLPs)

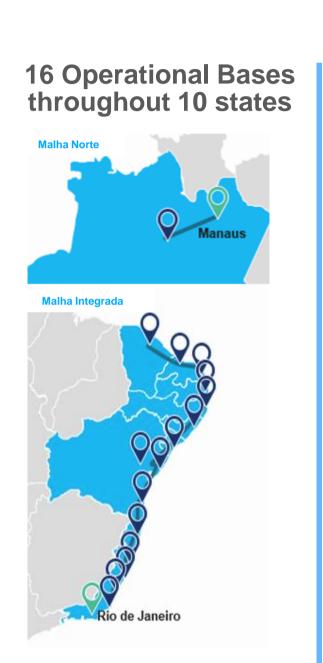
10 regional diagnostic stations

18 integrated bases

80.000 points historical data register

380+ flow computers

1600+ controlled instruments



Robust Operation to Ensure Efficiency, Integrity and Security of Supply



Mix ESG | TAG in 2022



We support inclusion & operational excellence

44% Women of the total workforce and 38% of them occupy Leadership positions.

~256KBRL invested in training & development of our employees

~7127 hours dedicated to training

98% of our employees received training in different areas.

0,82% frequency rate of work accidents of employees and subcontractors on controlled access sites.

Source:

(1) Observatório do Clima. Sistema de Estimativas de Emissões e Remoções de Gases de Efeito Estufa (SEEG), 2020

We contribute to reduce environmental impact

Urucu-Manaus transports more than 90% of its capacity to supply thermal power plants and these projects replaced oil thermal power dispatch.

From 2 to 3 million of tCO2 per year of avoided emissions ¹

We build stakeholders engagement

Independent whistleblowing channel in place open for all stakeholders (including suppliers & subcontractors) in relation with our asset, aiming to build a vigilant culture against corruption, fraud and noncompliant practices.

More than 300 subcontractors' employees acknowledge our ethics principles.

We support the communities where we operate

~2000 community members and 21 municipalities were contemplated by different social actions through the year.







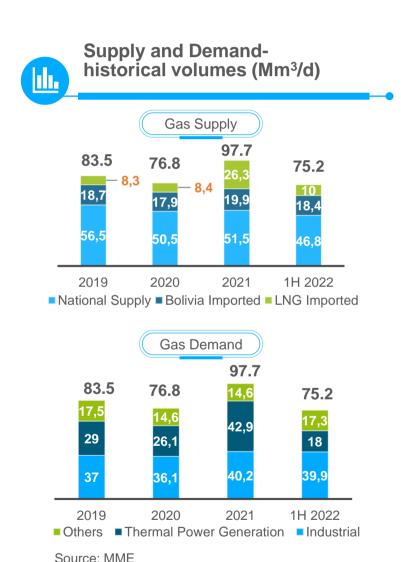


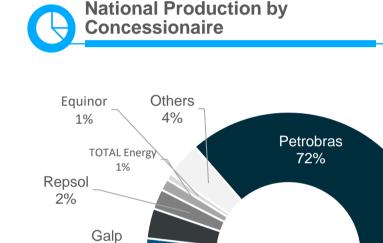


Brazilian Gas Market | Overview

The country dependency of imported gas (Bolivia and LNG)







3%

Eneva 5%

Fonte: ANP (2021) 12%

Shell





2022 Highlights

High Import of LNG due to the increase in thermoelectric dispatch

Even with the pandemic, the gas market continued to progress

Reinjection still high in Brazil ~60 MM m³/d

Lower participation matrix of the LNG due to the high reservoirs level (-47% 1H21 vs 1H22)

LNG cargoes average price 1H122 ~70% higher 2021

LNG exposure: potential extra costs in 2022

~12 BUSD (2021 demand at max 2022 LNG cargo imported price)

~21 BUSD (2021 demand at max 2022 JKM price)

- Poor coordination on decision-making for new investments in infrastructure exposes the country to an uncertain international scenario bringing volatility to the gas price
- Limits the competitiveness of Brazilian economy



Brazilian Gas Market | Potential Growth



Gas plays an important role in the development of the Brazilian energy matrix as the fuel for energy transition since it is a replacement of other fossil fuels consumption on industry and electrical sector (reducing CO2 emissions)

Projection made by the Planning Agency (EPE) of the Brazilian natural gas balance for the next 10 years



- EPE Planning Agency estimates a 90% growth for the gas demand in the next 10 years (2022-2031), a relevant part coming from the new gas market
- Pre-salt gas already represents ~75% of the national supply and tends to grow over the next 10 years along the new production fields
- Despite Natural Gas indigenous reservoirs potentiality, huge investments on infrastructure are required to support its monetization: gathering, treatment, transport & demand incentives
- It is challenging to coordinate such FID trigger between different players along the gas value chain, keeping a national integrated view (without bypass initiatives)
- The electricity sector is a strategic anchor to carry out investments on network infrastructure with economic rationale

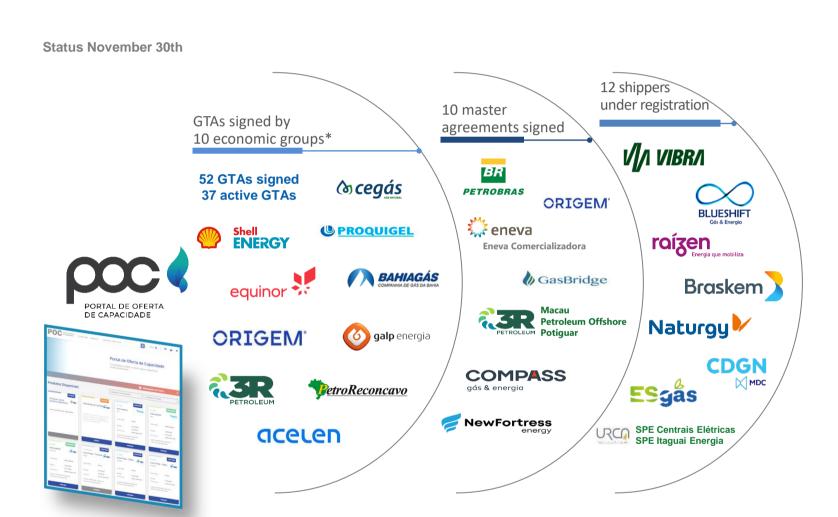
Having gas reservoirs is not enough Investment on infrastructure is required to make it available & affordable



Commercial Pipeline

Market opening achievements and evolution in addition to our legacy contracts





* The 10 economic groups represent 14 companies with GTAs signed.

Highlights

- Protagonist in the market opening: first free consumer access in Jan/21
- Capacity Offer Platform (POC) as a transparent and practical tool used and maintained by the 3 main TSOs, supporting competition for shipper's gas transactions
- Entry/Exit model implemented and operational
- Leading role and record time in the market opening: in one year TAG built a portfolio of 35 extraordinary contracts with new agents, moving from originally 5 GTAs with Petrobras to 40
- GTA signed with 2 LDC: Bahiagás and Cegás
- New shippers represent 17% of the Integrated Network Revenue or 12% of TAG's total revenue



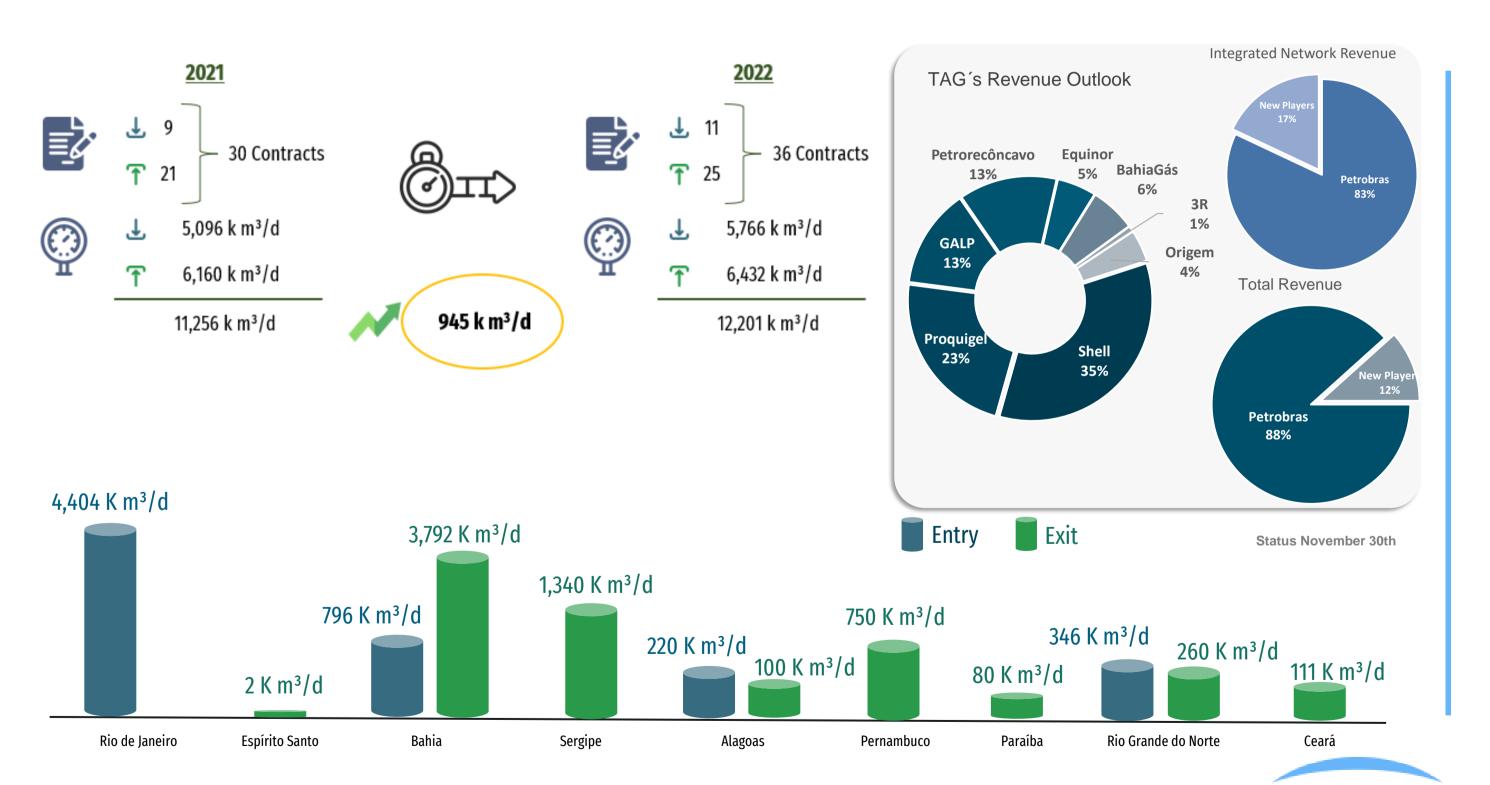
https://www.ofertadecapacidade.com.br/home



2022 Extraordinary Hired Capacity

Market opening achievements through important players entrance into the network and its evolution





Natural Gas Competitiveness Fundamentals





01

Logistic: Cooperation along network industry

- ✓ Regulated sectors
- ✓ Coordination of expansion planning: cooperation brings more benefits than isolated decisions
- ✓ Optimization of infrastructures use with national vision results on Tariff Affordability
- √ Free Consumers are allies



02

Molecule: National Hub Reinforcement

- ✓ Access
- ✓ Multiple
- ✓ Alternative to choose
- Offers ✓ Competition between multiple gas sources





Taxes

- √ Continuous journey of improvement
- √ "Ajuste Sinief" was an important step
- ✓ Practical measures to promote transaction liquidity between multiple players

Integrated System



LOWER

Tariffs: transport & distribution



HIGHERSecurity of Supply

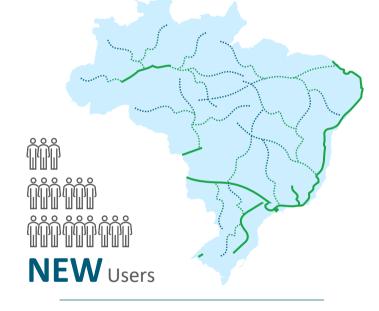


HIGHER Flexibility



HIGHER Liquidity







Coordinate efficient expansion of INTEGRATED INFRASTRUCTURE to better serve the market

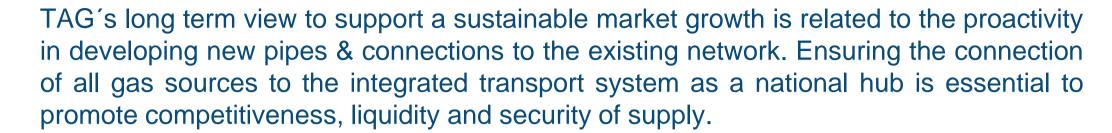


Scale Gains to Promote

GEOGRAPHIC INTERIORIZATION



Growth & Ambition









TAG - Investment Plan 2023 - 2027

Growth based on greater investments in Industrial Safety, Integrity and in projects related to the gas market opening

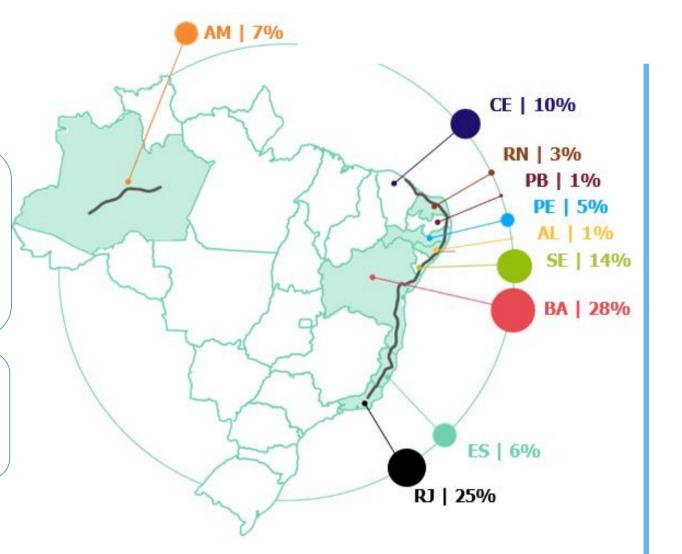


~R\$ 3,3 billion in investments for the next 5 years

~70% in the Northeast and North of the country

- ~ 50% Market Expansion Projects
- Access connection points
- Entry (receiving) points
- New pipelines
- Compression stations

~ 50% to enhance industrial security, compliance, availability, reliability and asset integrity



Investments focused on security of supply and economic efficiency, promoting competition in the molecule and cost reduction in the natural gas chain

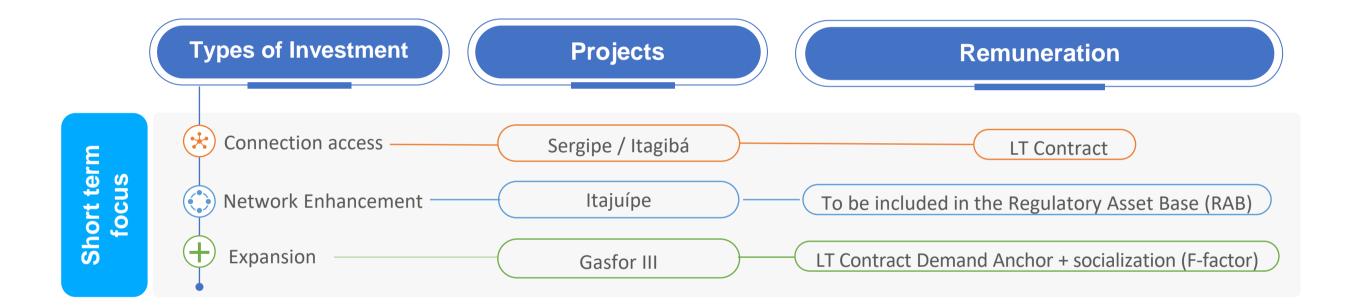


CAPEX 2023-27

TAG Ambition and Growth | Types of Investment and Remuneration



- Short term focus on new connections and network enhancement (pipeline optimization and bottlenecks removal)
- At the same time, TAG has a role to study the development of all projects for the network expansion guaranteeing isonomic access to the gas pipeline



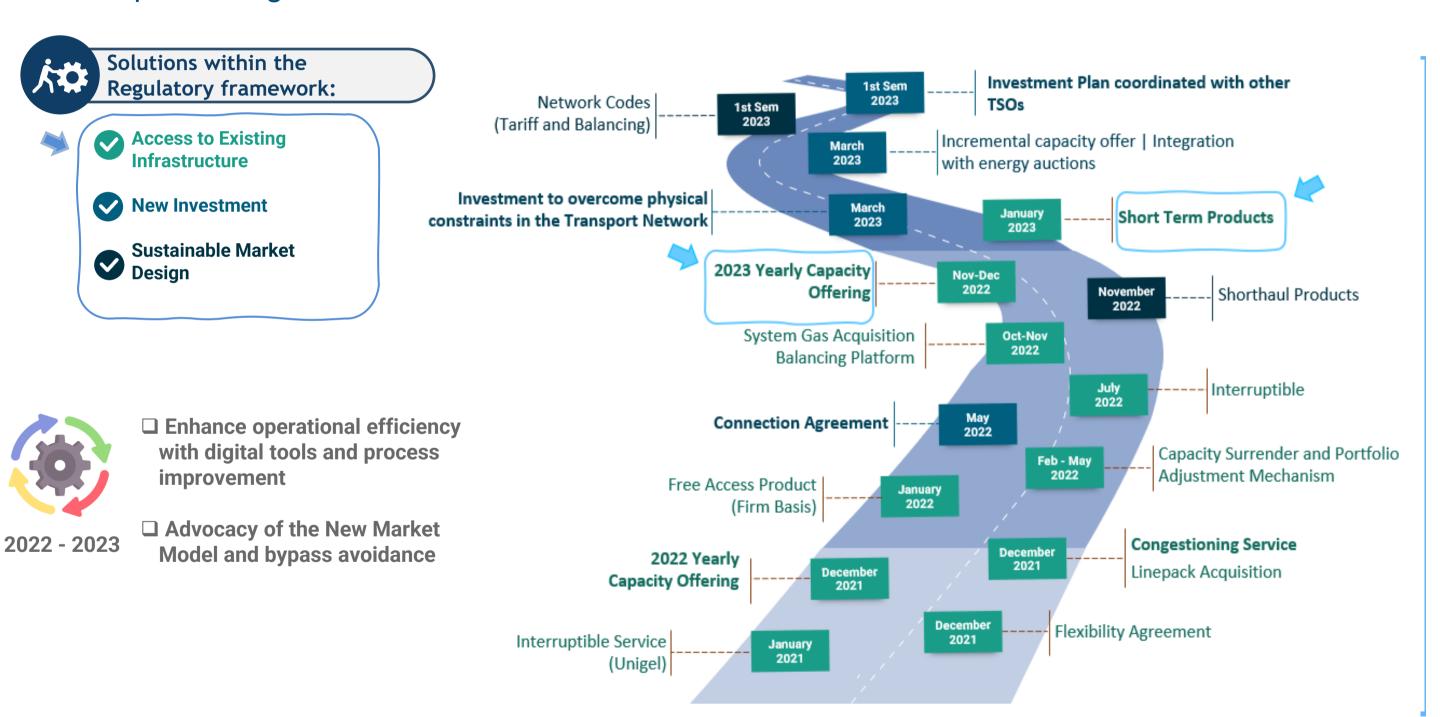
TAG projects can boost market opening. Remuneration by Regulated WACC.



Moving Forward I Market Opening Milestones



TAG's pioneering on Brazilian Market





Final Remarks

Challenges & Opportunities to promote a sustainable Gas Value Chain Growth



Market Design

- Cooperate to capture the **opportunity to monetize national gas reservoirs**
- Expedite Infra Legal Agenda (New Regulation & Network Codes)
- Coordination of network infrastructure development plans (transport & distribution) with a national integrated view, ensuring liquidity, security of supply & molecule competition
- Avoid "island" projects formation: defend the role of transport network connecting all gas supply sources to create a national trading hub
- Celerity on regulatory process on the approval of new investments to boost gas market competitiveness & expansion
- Harmonization between electrical & gas sectors sustaining an integrated view of Energy sector
- Promote policies to stimulate natural gas demand growth on strategic sectors aligned to the energy transition agenda
- Harmonization of good practices between federal & state levels

TAG

- Promote Access / connection of new players
- Operational efficiency: ensure network availability & reliability
- Focus on cyber security (IT & OT)
- Emissions Reduction
- Reinforce the role of Natural Gas on Energy Transition
- Prepare infrastructure for green gases (Biomethane, H2 blend)



INSIDE ENGIE 2022

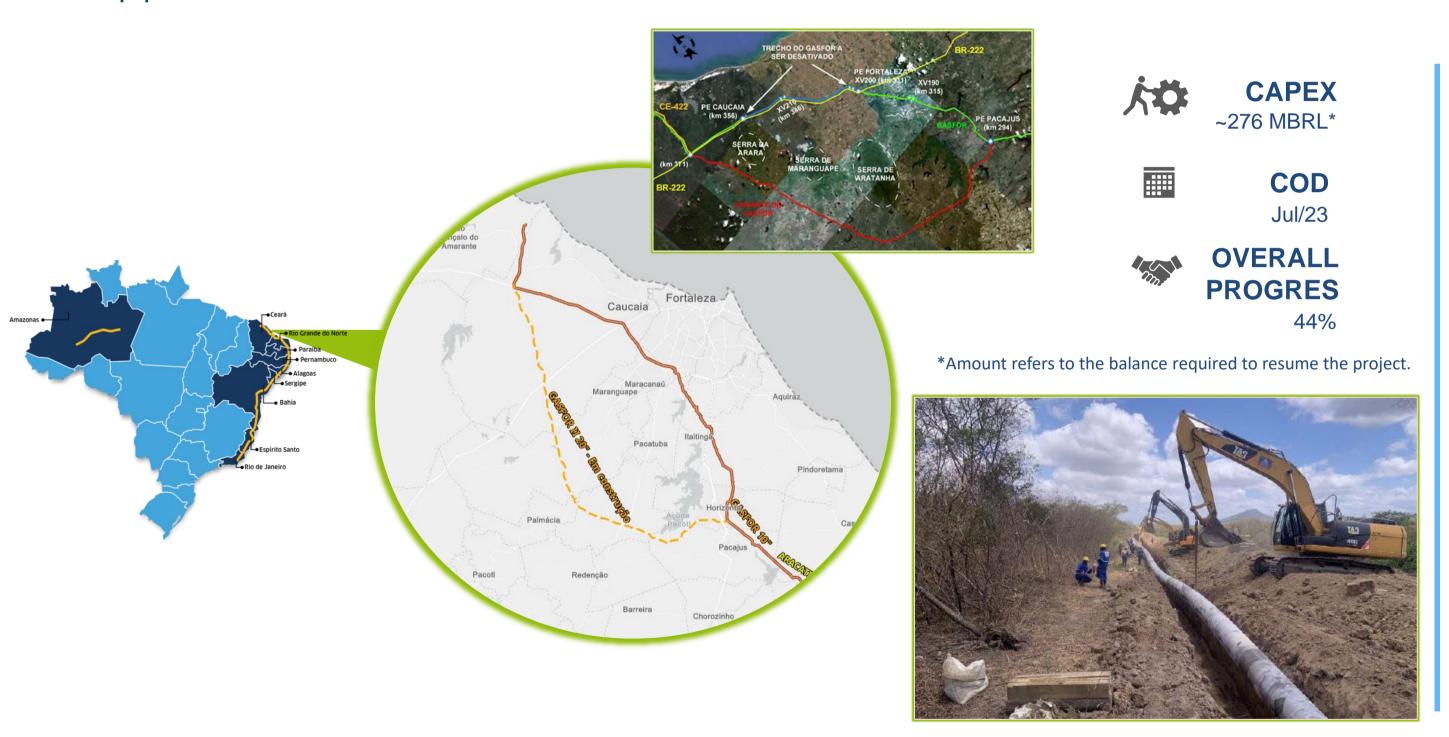
APPENDIX



A- Projects Under Implementation: GASFOR II



New pipeline 84km and 20" in Ceará to avoid Fortaleza urbanized area

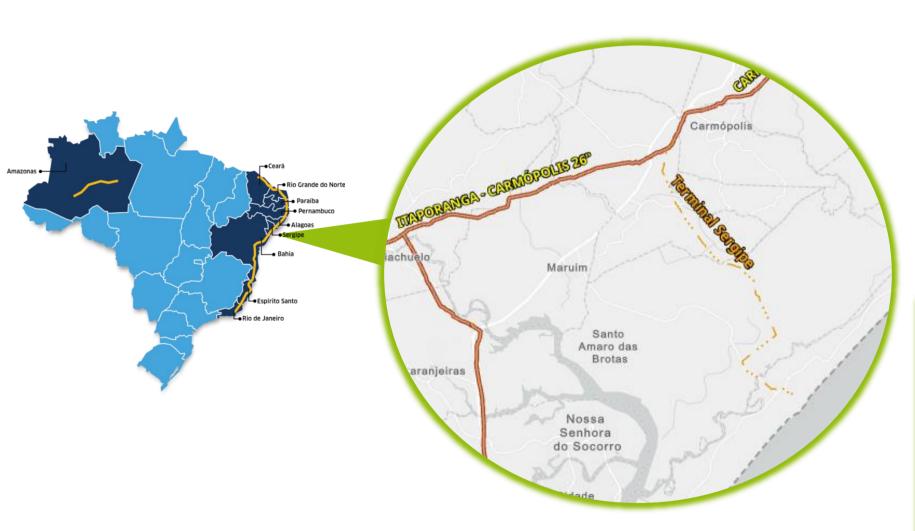




B - Projects Under Implementation: PE/PR SERGIPE



New Entry & Exit Point with a pipeline 25km and 24" in SERGIPE to connect an LNG terminal & Power plant











C - Projects Under Implementation: Itagibá Exit Point



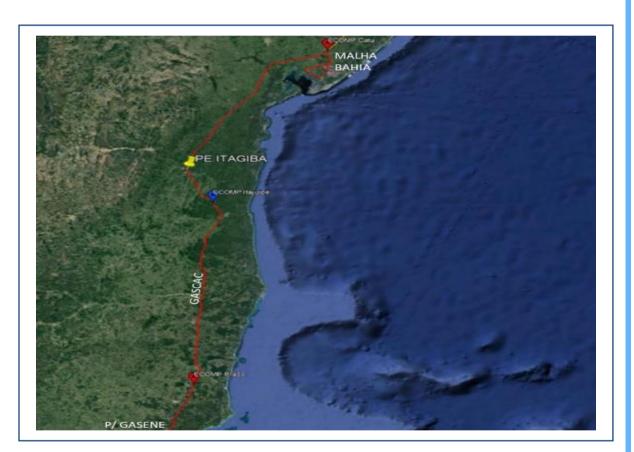
Project Description: build a new exit point to deliver natural gas to LDC Bahiagás with max. capacity of 700.000 m³/d. Capex ~23 MBRL.

Location: city of Itagibá/BA, at the Gasene Norte pipeline, part of Bahiagás LDC city-gates

Status: execution phase - In April TAG signed with Bahiagás a Capex anticipation agreement. The offsite construction/main equipment acquisition already ongoing. Environmental license released in July/22

Key Dates: COD: Jul/23







D - Development Stage: Itajuípe Compression Station

INSIDE ENGIE 2022

Capacity expansion of TAG's Transport Network in Bahia (BA)



Description

- Develop a new compression station on the northern section of GASENE (GASCAC). The project aims to reduce the existing bottleneck in the GASCAC pipeline, seeking to maximize the gas transfer to the northeastern network pipeline
- Incremental volume of 3 M m³/d



Status

- Status: development Engineering studies under development
- Design review scheduled for Dec.5th
- Procurement strategy under discussion.
- Discussions with the regulator ongoing

 official presentation to take place
 during Dec.







E - Pre-Development Projects

Gasfor III Expansion





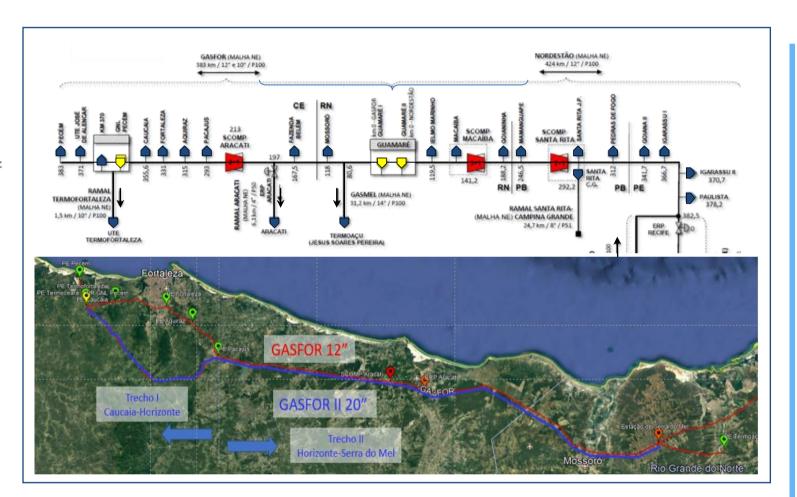
Description

Project Description: Gasfor / Nordestão is a bottlenecked pipeline with ~1.000 km. Up to 300km of loop can be performed depending on the incremental open season results. Preliminary CAPEX estimative ~3 BBRL (*)

Contract Type: incremental open season

Location: Ceará / Rio Grande do Norte

Status: demand mapping on going









GUILHERME FERRARI

Chief New
Businesses Officer
ENGIE Brasil Energia



- Overview 2021-2022
- Expansion of the Project Pipeline
- Strategy for growth in generation
- Development of the energy transmission segment
- Challenges for the future

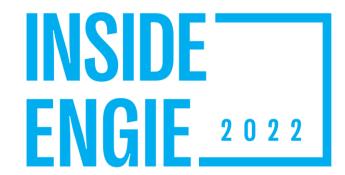






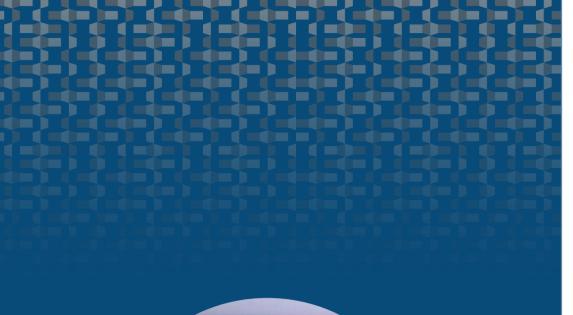
MÁRCIO NEVES

Chief Implementation
Officer
ENGIE Brasil Energia



- Health & Safety
- Overview 2021-2022
- Simultaneous implementation of major projects
- Operational performance postimplementation
- Challenges for the future

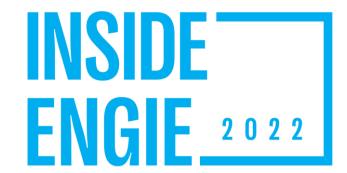






JOSÉ LAYDNER

Chief Operations Officer **ENGIE Brasil Energia**



- Overview 2021-2022
- Operating Performance
 - Paracatu and Floresta Photovoltaic Plants
 - Wind availability improvement
- Challenges for the future



