

# PRONTOS 2025





# AGENDA

# **PR**ONTOS 2025

- 25 Years of PetroReconcavo
- Reserves certification and new frontiers
- Robustness in capital allocation
- RSO: excellence in execution and new technologies
- Resilience and new businesses
- Q&A



# **PR**ONTOS 2025



**25 Years of PetroReconcavo:  
Ready (Prontos) for the Future**



**José Firmo**  
CEO



**Felipe Araujo**  
VP People & ESG

# 25 years of PetroReconcavo

Driving Brazilian onshore operations and transforming lives



**57**

Concessions  
(55 operated)

**3**

Drilling  
Rigs

**15**

Workover  
Rigs

**+700**

Producing  
wells



**Unique  
verticalization**

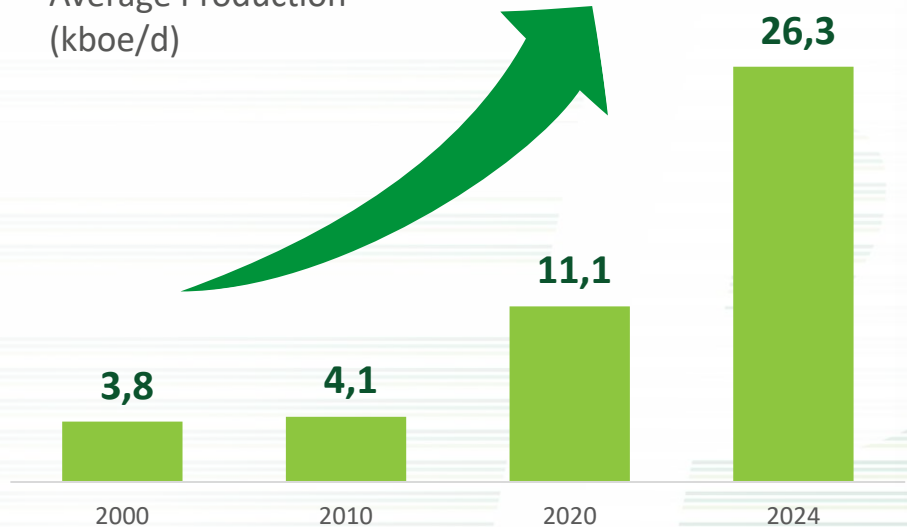


**Operational  
Excellence**



**Generation  
of value**

Average Production<sup>1</sup>  
(kboe/d)



## Focus on 2024



Planning



Operational resilience



Robustness in capital allocation



1) Average Production of 2000 and 2010 total of the Service Contract with Risk Clause with Petrobras. 2020 and 2024 WI average production.



# Important achievements and challenges throughout 2024



Starting midstream operation



PR-14 commissioning and success of deep drilling



“FID – final investment decision” NGPU Miranga



Qualification of the road modal and expansion of tankage



New development plan for Tiê



Advances in gas treatment solutions in RN

## Advances in drilling:

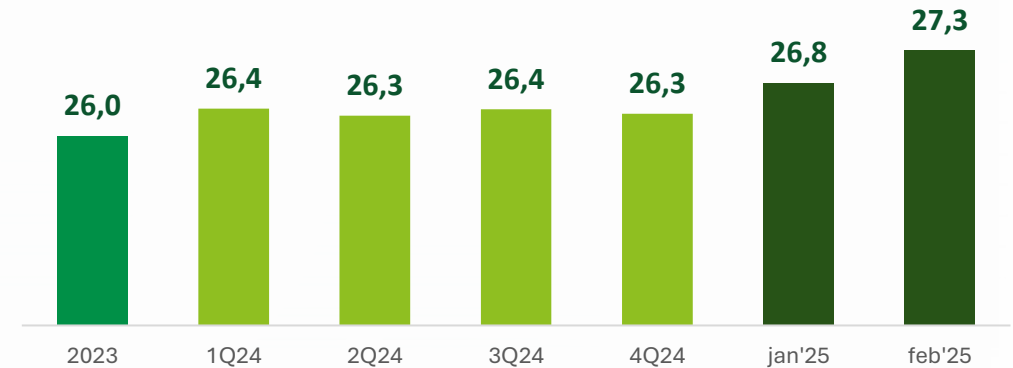
Record drilling depth  
(3,560 m)

3 rigs drilling internally last quarter

Drilling services for third parties



Average WI Production (kboe/d)

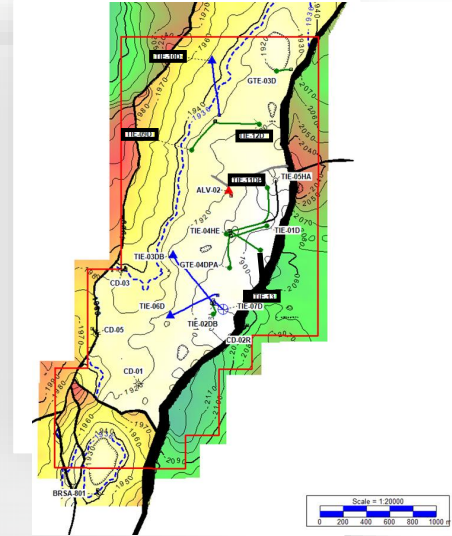
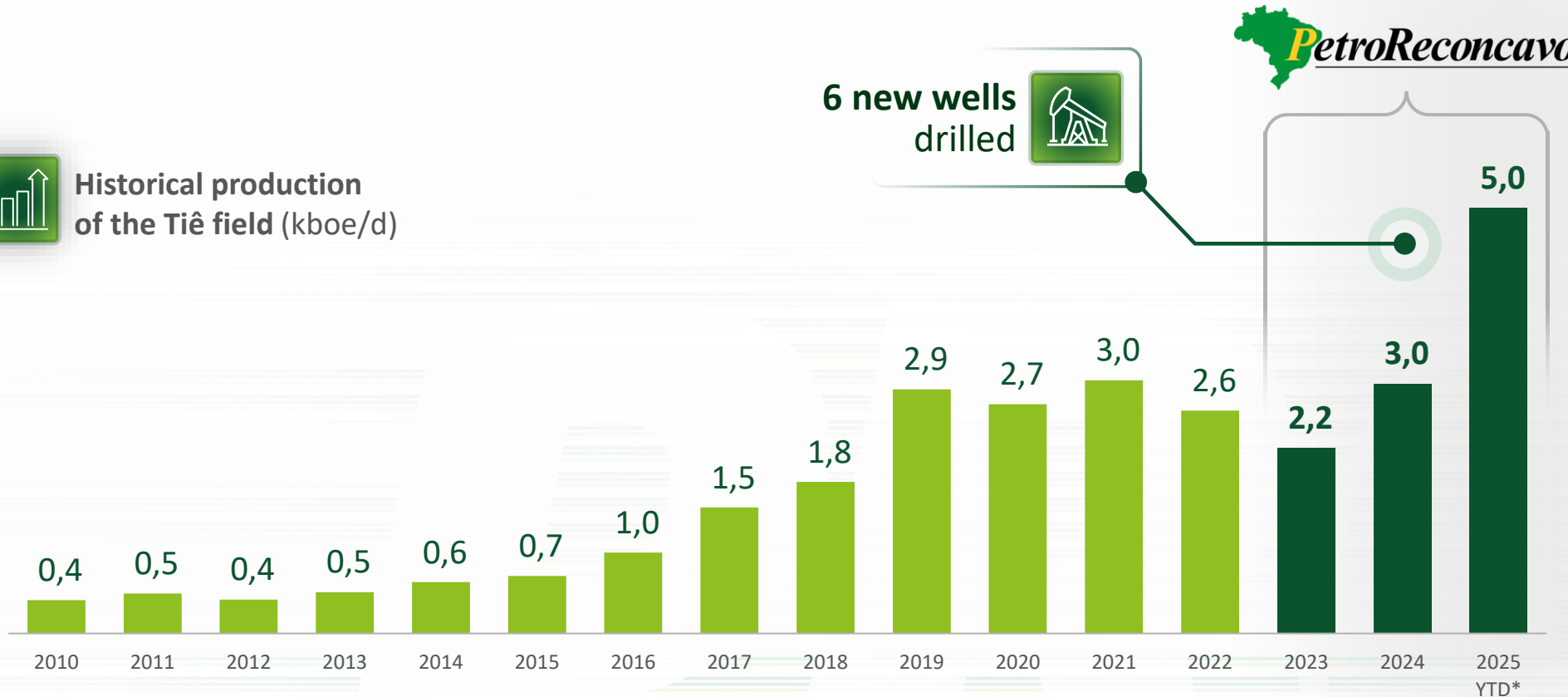


# Proven excellence again in the Tiê field

High performance in the revitalization and development of onshore fields



Historical production  
of the Tiê field (kboe/d)



\* Includes average production of Tiê until March 15, 2025



# Efficiency with solid results, proven over the years

## YoY Evolution



Net Revenue  
**R\$ 3.26 B**  
+16% YoY



EBITDA  
**R\$ 1.64 B**  
+29% YoY  
EBITDA Margin  
50.5% (+5.1 pps YoY)



Lifting cost  
**US\$ 13.60/boe**  
The lowest cost  
of onshore



Free Cash Flow  
Generation  
**R\$ 1.03 B**



Dividends  
**R\$ 806 MM**  
~14.5% Dividend yield



Extended duration and  
Cost reduction  
Rating **AA.br** (Moody's)

# Leadership Team

Specialists with complementary experiences





# Our people, our future

## PetroReconcavo Model

Great  
Place  
To  
Work®  
Certified



### Attraction and retention of the best talent

Experienced team with  
complementary skills:

- Complete senior  
leadership team
- Ready for new challenges:  
Reservoir and Midstream

Agility in the allocation of  
professionals

Best operational team  
in onshore



### Continuous development

Tradition in training  
people:

- 100% of managers trained in  
leadership academies
- School of engineering and  
reservoir leveraging in-house  
knowledge

Best trainee program in  
onshore operations

Award-winning internship  
program, generating analysts'  
pipeline

### Scalable management model



Strategic  
objectives  
of the year



Performance  
watch

Cascading and integrated  
communication model



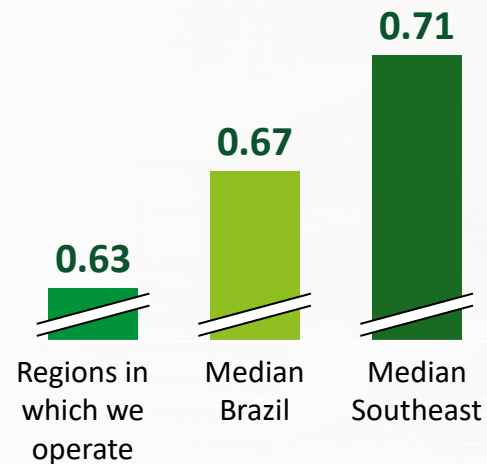
# Socioeconomic impact

We promote the socioeconomic transformation of the country's most underprivileged regions

## Where we are

**17**  
municipalities in the interior  
of BA, SE and RN

## HDI of the municipalities 2010



## Jobs generated

**17.5k**  
Jobs generated in Brazil  
Direct, indirect, and income effect



## Impact on Income

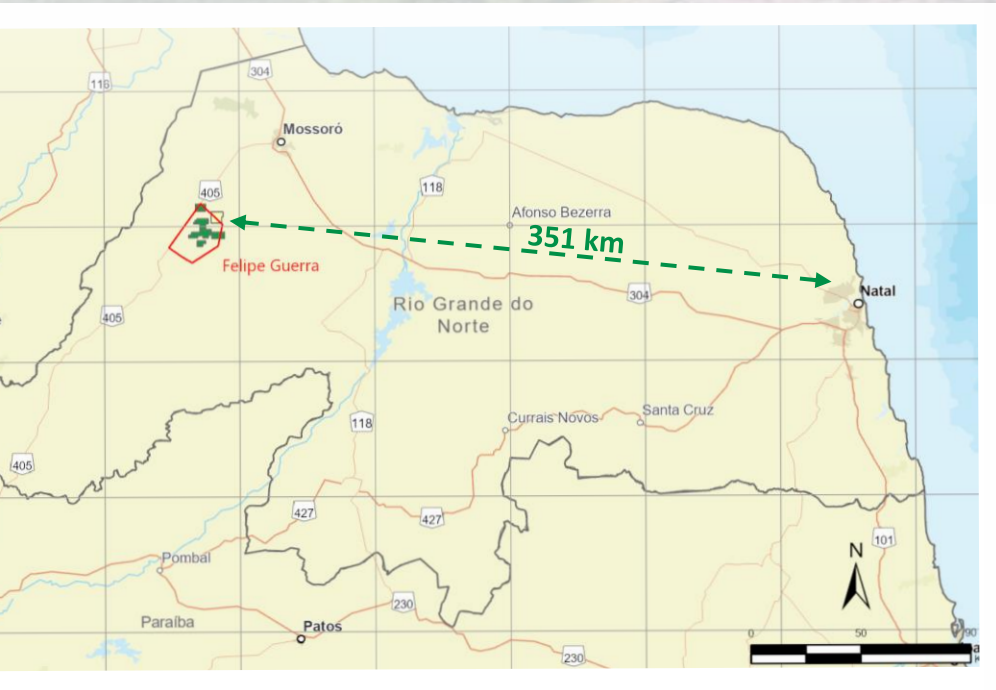
**5x**  
the O&G area has an average initial  
salary almost 5 times higher than the  
national average





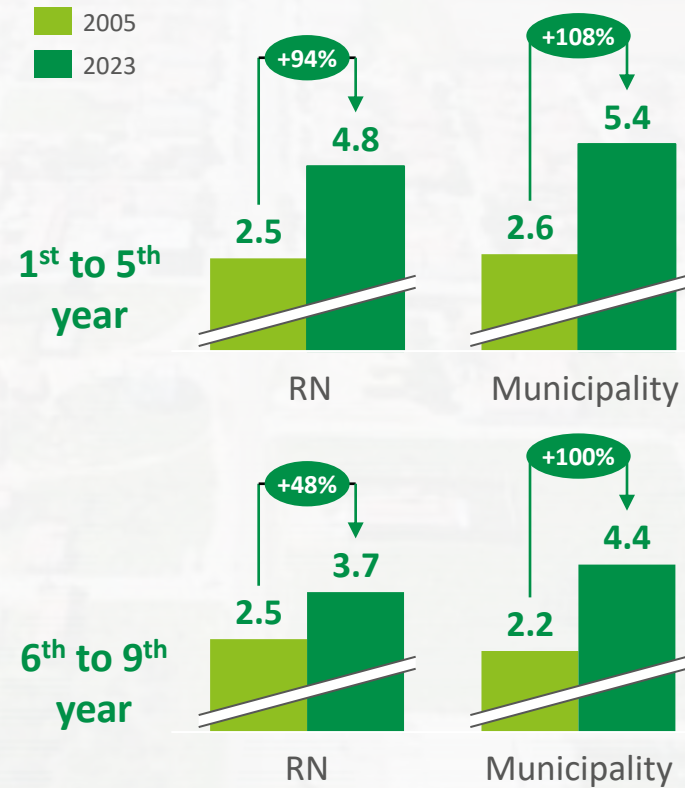
# The case of the municipality in Rio Grande do Norte

Impacting people's lives



## Impact on education

Elementary School - IDEB



## Health impact

infant mortality (period average)



2006-09

24

2019-22

0

deaths per thousand live births



# PRONTOS 2025



## Reserves certification and new frontiers



**Troy Finney**

VP of Operations  
COO



**Walter Waes**

Technical  
Director



# PetroReconcavo opportunity creation cycle

Use of technologies to unlock reservoir potential

## Traditional PetroReconcavo methodology

### Creation of new projects

- Detailed technical evaluation by well and field
- Maintenance of existing reserves
- Generation of short and medium term projects

## Significant advances in evaluation methodology

### Reservoir modeling

- Optimization of the development plan
- New secondary recovery projects
- Maximization of recovery factors

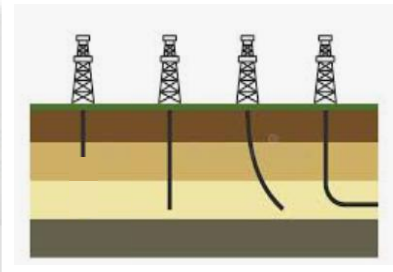
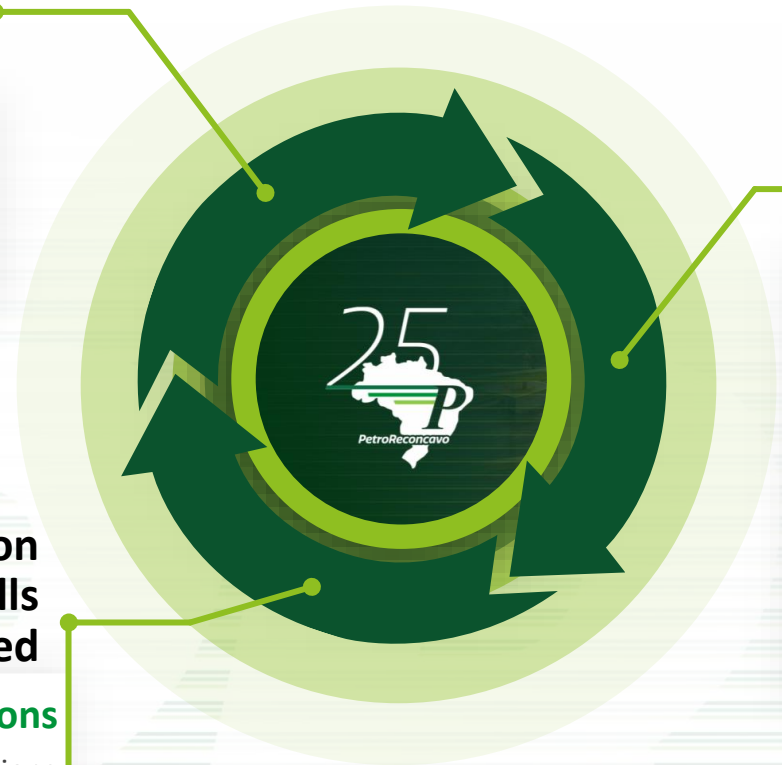
### Seismic reinterpretation

- Better interpretation of field structure
- Greater use of existing zones
- Identification of new deep reservoirs

## Integration of skills developed

### New horizons

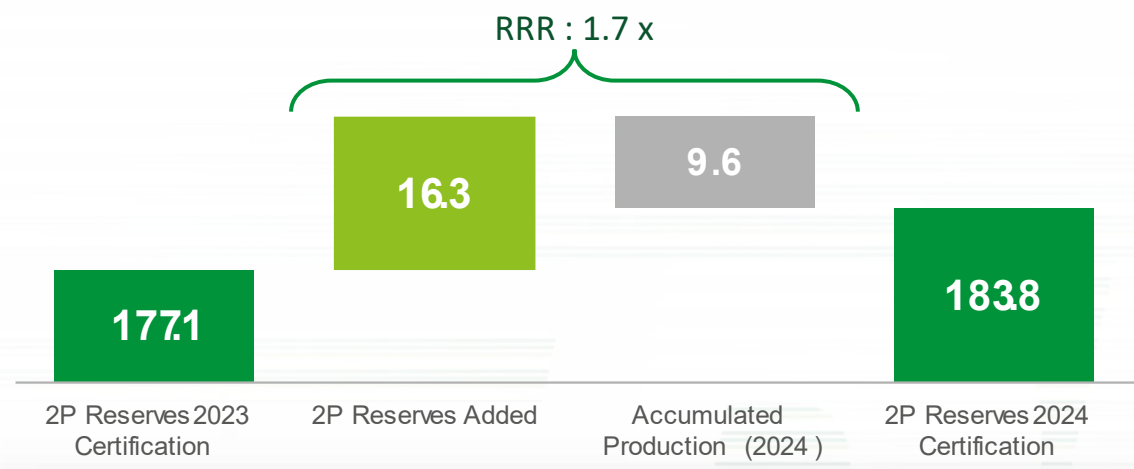
- Capacity expansion and execution of stimulations
- Drilling deep gas zones
- Horizontal drilling to optimize production





# 2024 Reserve Certification

Reserves Replacement Ratio for 2P reserves of **1.7x** with development cost at US\$ 7.6/boe

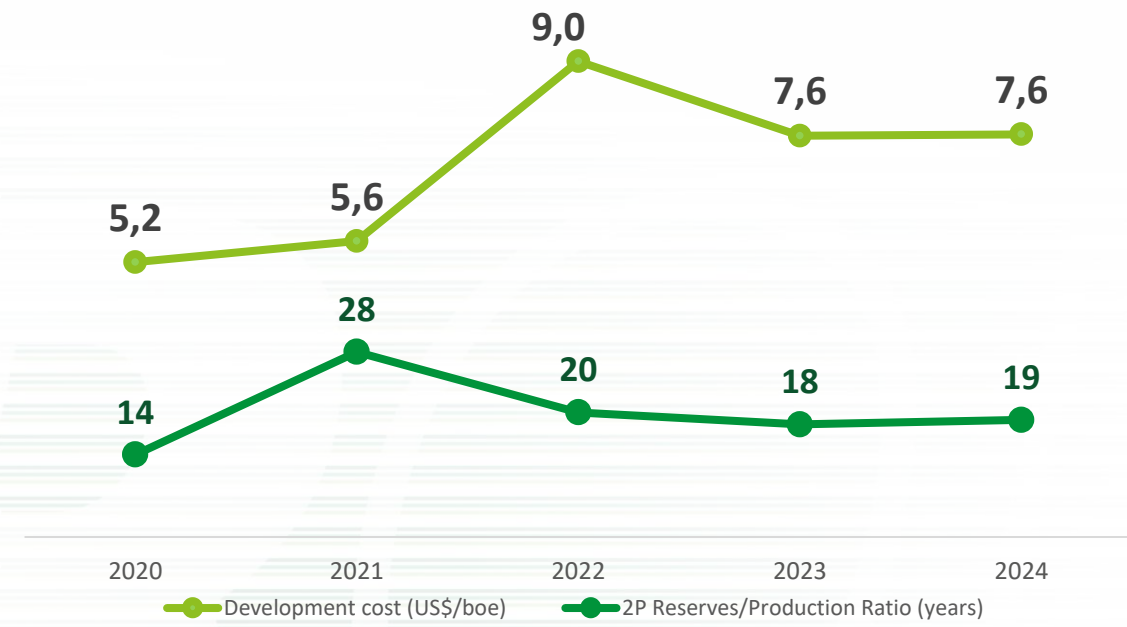
## 2P Reserves (MMBOE) and Replacement Ratio (RRR)



Recovery factors  
still with  
expansion  
potential

	2024	EUR <sup>1</sup>	Benchmark
 Oil	22%	27%	30-35%
 Gas	53%	73%	85-90%

## Development cost (US\$/boe) and 2P Reserves/Production Ratio (years)



Note: The 2023 Reserves Report was published with total 2P reserves of 171.9 MMBOE considering the international natural gas conversion factor of 6 MCF to 1 BOE. In this version, the national conversion factor of 5.615 MCF to 1 BOE is considered.  
1) Estimated Ultimate Recovery



# Tiê modeling success in 2024

5 of the 10 largest oil producer wells<sup>1</sup> on the Brazilian onshore



## Drilled wells

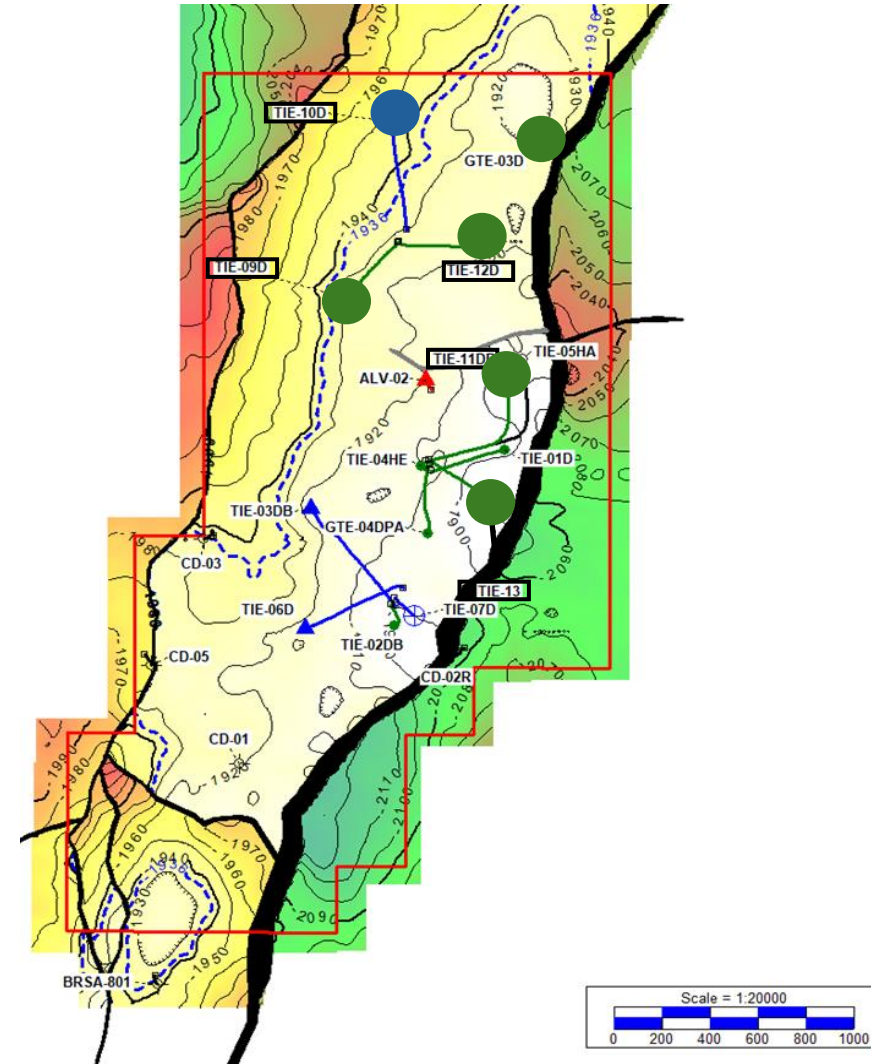
7-TIE-11DP-BA  
8-TIE-9D-BA  
7-TIE-12D-BA  
7-TIE-13D-BA  
8-TIE-10D-BA (injector)  
7-TIE-16D-BA

**3.9**  
kboe/d<sup>2</sup>



## Reservoirs

Água Grande & Sergi



1) ANP data on oil production in January/2025

2) Production in February/25



# Volume of Oil In Place (VOIP) 76% higher than previous certification

Água Grande  
VOIP: from 18 to  
27 MMBO

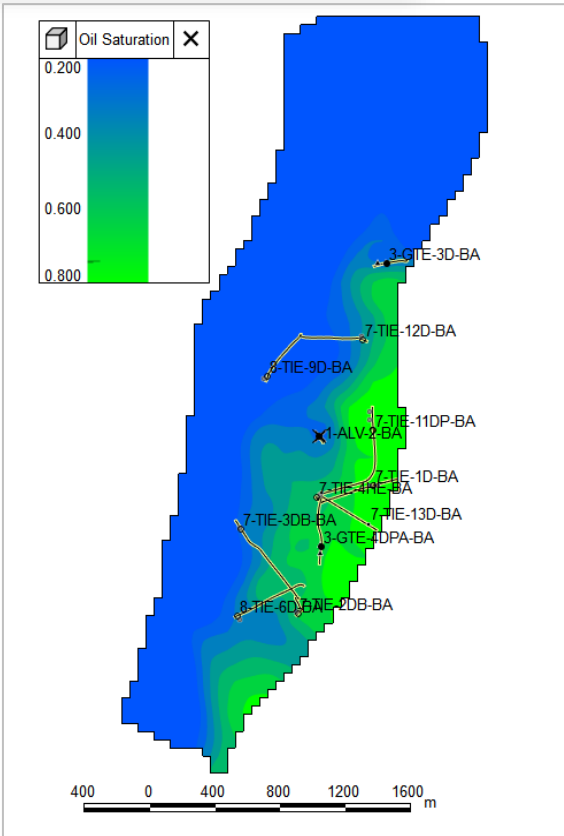
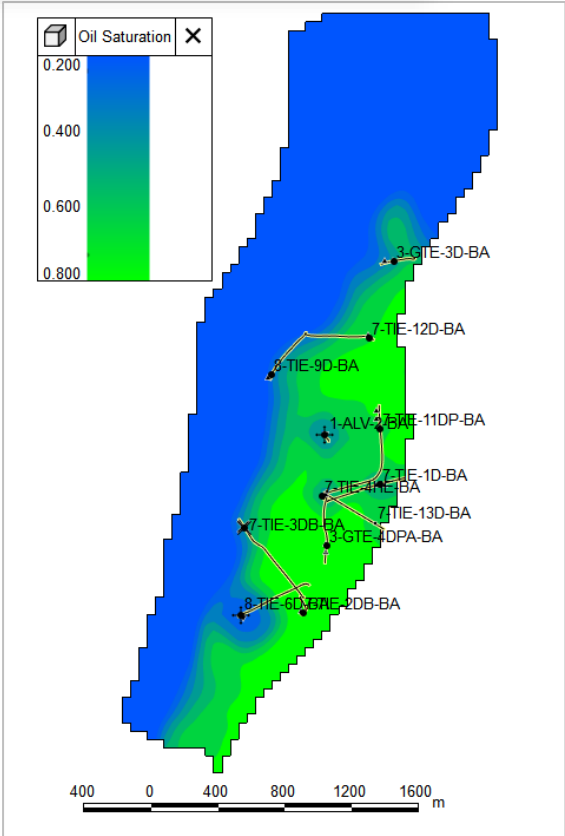
+45%

Sergi  
VOIP: from 7 to  
17 MMBO

+162%

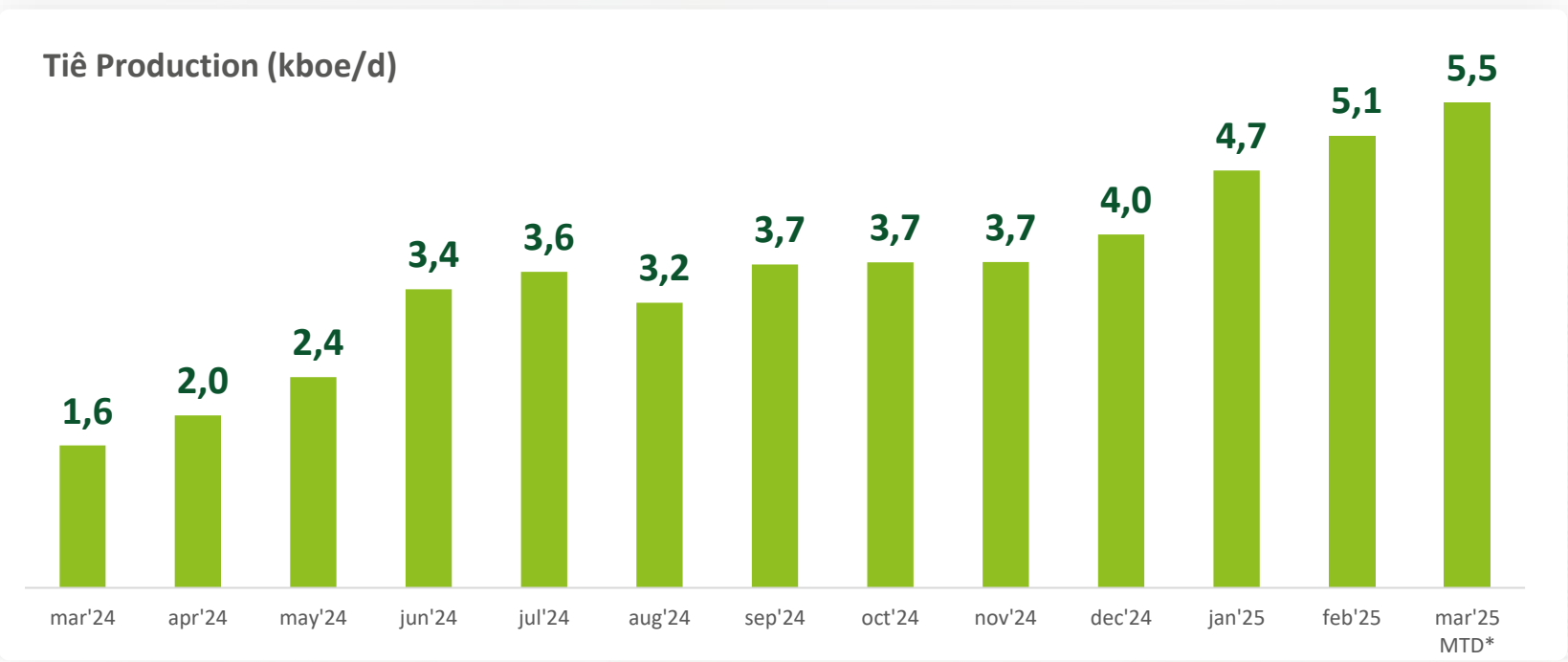
TOTAL  
VOIP Tiê: from 25 to  
44 MMBO

+76%



# Certification of 82% increase in 2P reserves for Tiê

Incremental Reserves in the 2024 Certification



-  Subsurface knowledge
-  Excellence in drilling execution
-  Acceleration of facilities projects

\* Includes Tiê average production until March 15, 2025



# Reserves Certification: Evolution of Multiples<sup>1</sup>

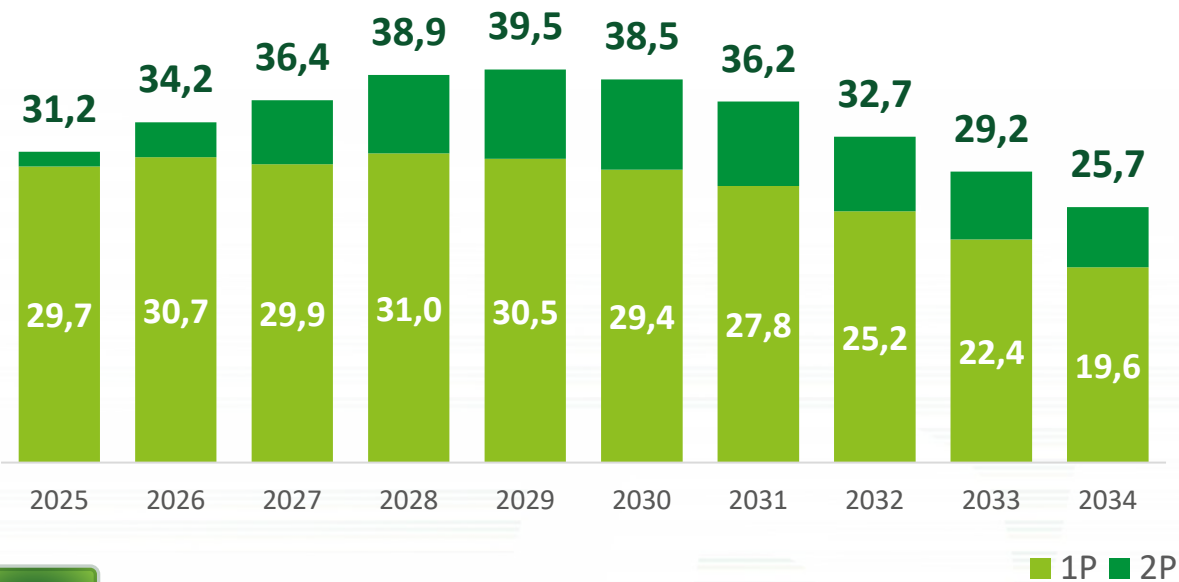
	2023	2024
 Reserve Replacement Ratio(RRR) <sup>2</sup>	1.1 x	1.7 x
 Future Reserves Development Cost <sup>3</sup>	US\$ 7.6/boe	US\$ 7.6/boe
 PV10 <sup>4</sup>	US\$ 2.7 B	US\$ 2.7 B
 1P/2P Reserves Ratio <sup>5</sup>	80%	79%
 Gas Reserves / total reserves <sup>6</sup>	44%	43%

1) All multiples calculated based on gross working interest reserves (Gross WI);2) 2P reserves added during the period (boe) divided by the accumulated production in the same period (boe);3) Total capital expenditure (USD) divided by incremental reserves (2P minus PDP reserves, boe) according to the reserves report, considering the national conversion factor for natural gas of 5.615 MCF to 1 BOE;4) Future net result discounted to present value at a 10% discount rate;5) 1P reserves divided by 2P reserves, based on gross working interest reserves (Gross WI);6) 2P gas reserves (boe, considering the conversion of 6 thousand cubic feet to 1 barrel of oil equivalent) divided by total 2P reserves (oil + gas, in boe).



# 2024 Reserve Certification

WI Production (kboe/d)



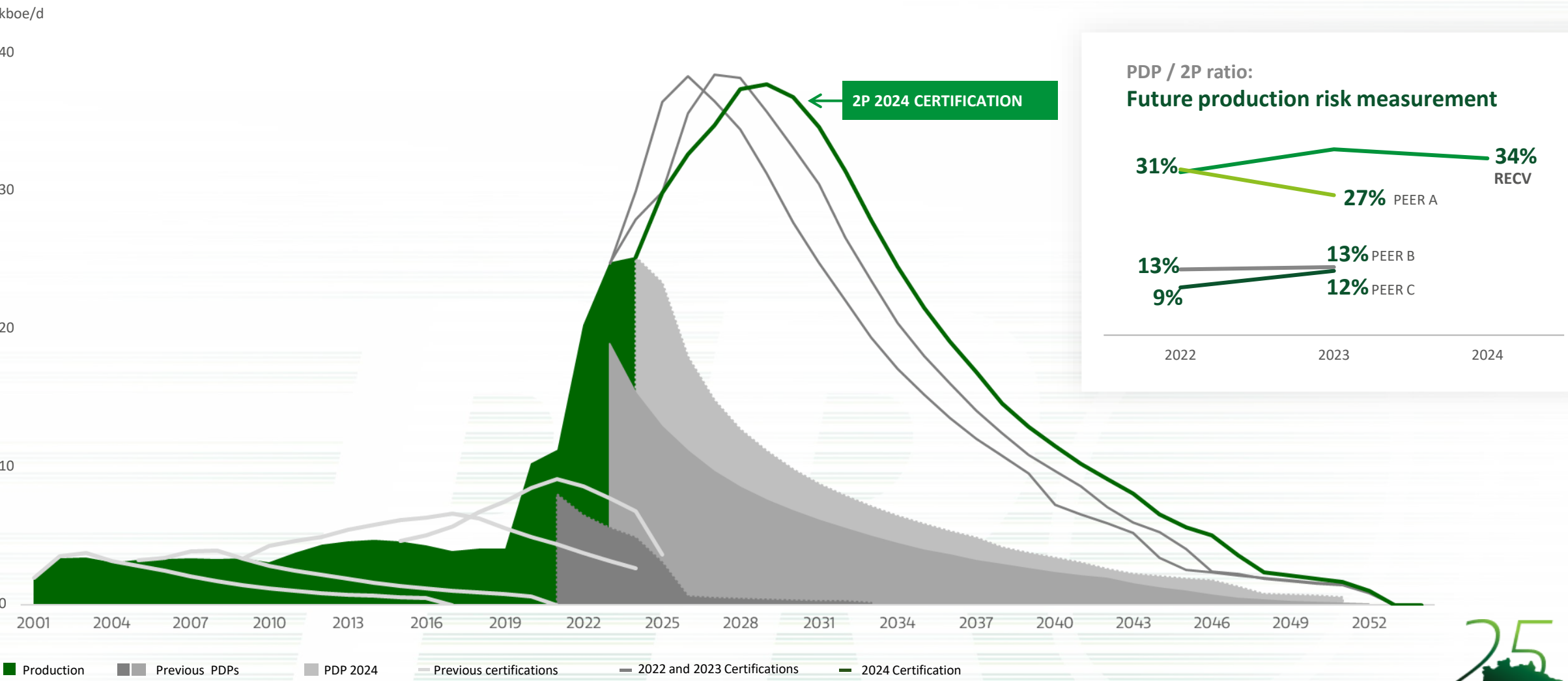
## Notes

NSAI Certifier <sup>1</sup> - PRMS<sup>2</sup> Standard  
Includes Tartaruga Reserves (non-material)  
Brent: future curve without relevant variation compared to 2023

2P curve	#Workover Projects	#Drilling Projects
2025	208	31
2026	218	58
2027	232	67
2028	219	73
2029	208	72
2030	141	74
2031	1	52
2032	-	29
2033	-	12
TOTAL	1,226	468

1) Netherlands, Sewell & Associates, Inc  
2) Petroleum Resources Management System

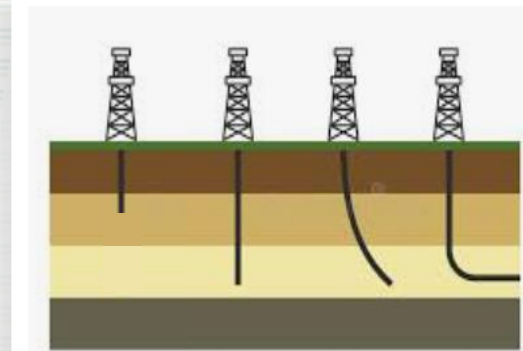
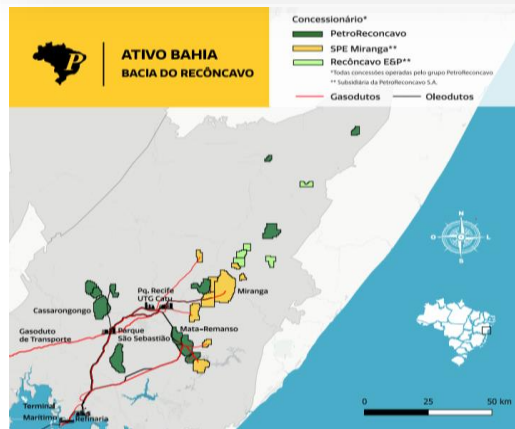
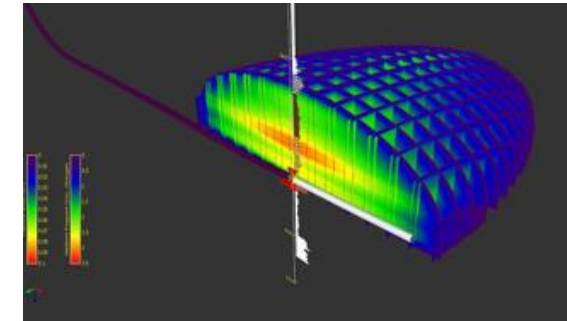
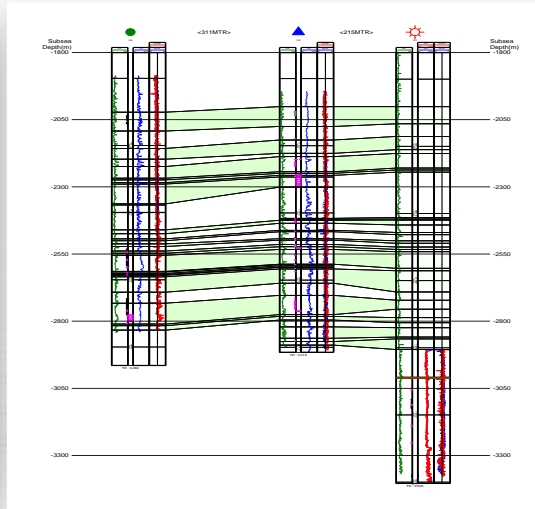
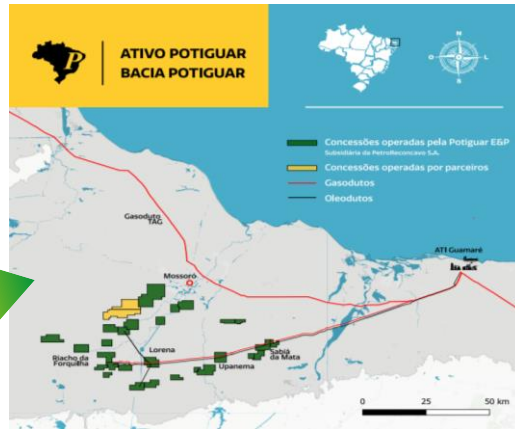
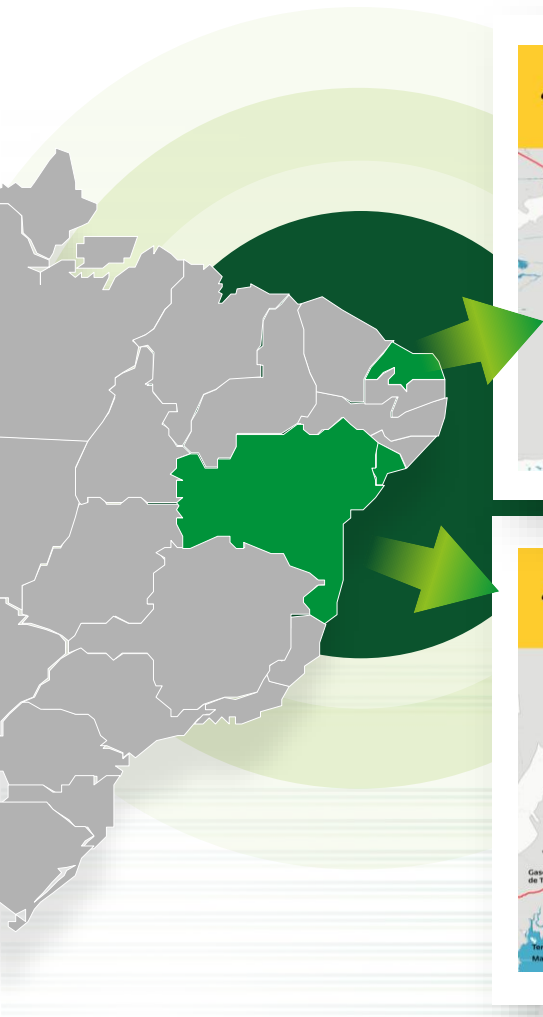
# Proven track record with consistent production results, plus reserve certification





# Ready (Prontos) for the future

Innovation meeting the onshore transformation opportunity once again





# **PR**ONTOS 2025

**Capital allocation  
robustness**



**Rafael Cunha**

VP Finance & RI  
CFO



**Raphael Scudino**

Planning  
Director

# PV10 of US\$ 2.7 Billion similar to 2023 Certification

Reduction in costs and addition of reserves, compensating for short-term production reduction.  
Significant upside when compared to the Company's Enterprise Value as of 12/31/2024

Operating Cash Flow less CAPEX<sup>1</sup> (US\$ MM)



2P (US\$B)	2023	2024
PV-10	\$2.7	\$2.7
PV-15	\$2.2	\$2.2



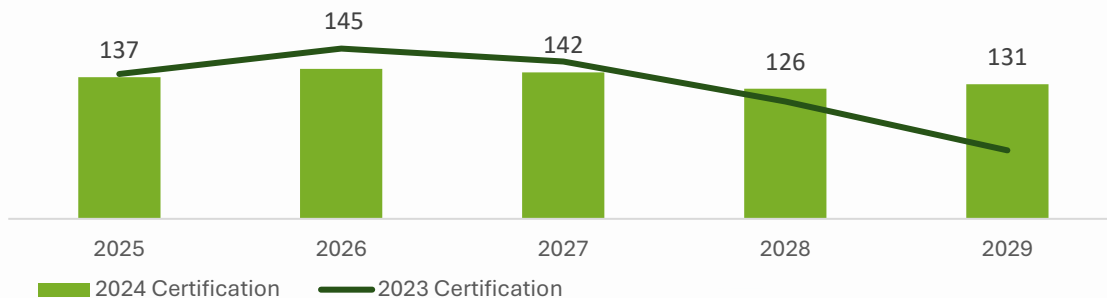
- Note**  
Reserve certification modeling does not consider:
- SG&A
  - Other investments not associated with the production development
  - Inventory and working capital variations
  - Income taxes



# Reserves certification with perspective of significant and growing cash generation in the next five years

Next 5 years with ~30% of Operating Cash Flow designated for CAPEX

CAPEX<sup>1</sup> Next five years (US\$ MM)

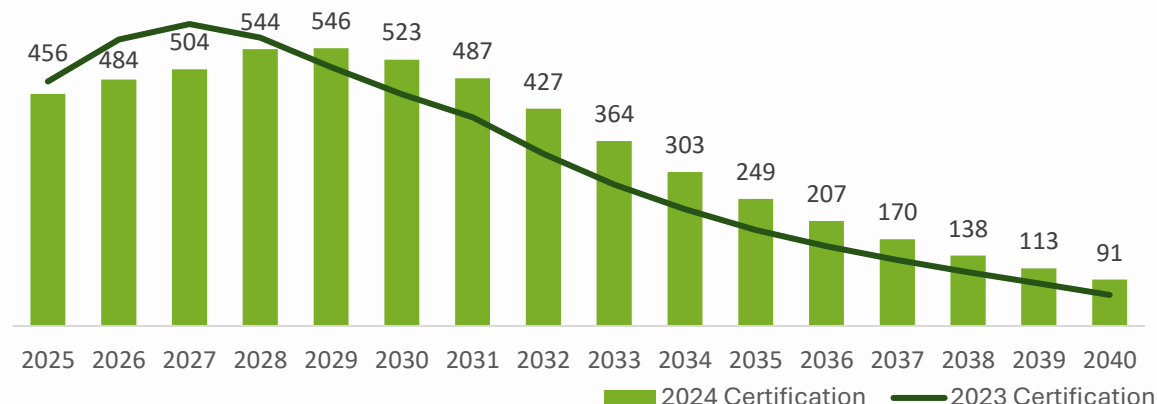


## CAPEX Profile

New DW and WO projects supporting reserve growth

More homogeneous distribution over the years, reducing future execution risk and increasing production longevity

Operating Cash Flow<sup>2</sup> (US\$ MM)



## Main impacts on Operating Cash Flow from 2025 to 2027

2025 production start adjustment

7% reduction in estimated 2P CAPEX for the triennium

Reduction of midstream costs and lifting cost

**NOTES:** Estimates contained in the certification of gross interest reserves (Gross WI) 2P (proven most likely), according to reports prepared by the independent certifier Netherland, Sewell & Associates, Inc. – NSAI.

1) Represents the amounts in the "Cost of Capital" column; 2) Represents the sum of the values in the columns "Future Net Revenue Without Discount" and "Capital Cost".

# 2024 reserves certification indicates attractive potential from a financial point of view



## RISK DIVERSIFICATION

3

Sedimentary Basins

57

O&G Fields

1.2 mil

Workover Projects

468

Drilling



## FOCUS ON VALUE GENERATION

70%

Of 2P CAPEX refer to the development of 1P reserves, lower risk

~30%

Of Operating Cash Flow designated to CAPEX for 2P reserve development in the next 5 years

Important structuring and support investments already made, such as expansion of the own fleet of rigs and services and inventory formation



## GROWTH WITH BETTER MARGINS

8% CAGR

for production of the next 5 years



Reduction in midstream and lifting cost



Robust cash margins, supported by good product pricing and low costs

# Generating value in mature onshore fields



## PLANNING

Robust capital allocation process



### RESERVOIRS

Vast knowledge on the subsurface and generation of the best projects



### RIGS AND SERVICES (RSO)

Consistency of execution with efficiency and low cost



### PRODUCTION

Maximizing the flow of hydrocarbons safely and at low cost



### MIDSTREAM

Management of logistics costs and focus on operational continuity



### COMMERCIALIZATION

Contract management and pioneering innovation in the gas market



# Different investment opportunities in certification

USD 137 MM - Capex 2P Certification for 2025

Opportunity CAPEX



## Workover and Conventional Drilling

Optimize the performance of wells/reservoirs and regulatory compliance



## Water injection

Manage reservoir pressure and sweep  
Increased recovery factor



## Flexibility for success stories

Operational and financial flexibility for new field development opportunities



## Seeds for the future

Application of new technologies and development of new reserves

Typical Annual Planning



200-250 projects

10-20% higher than investment in 2024



30-50 projects

~4x higher than investment in 2024



5-10 projects

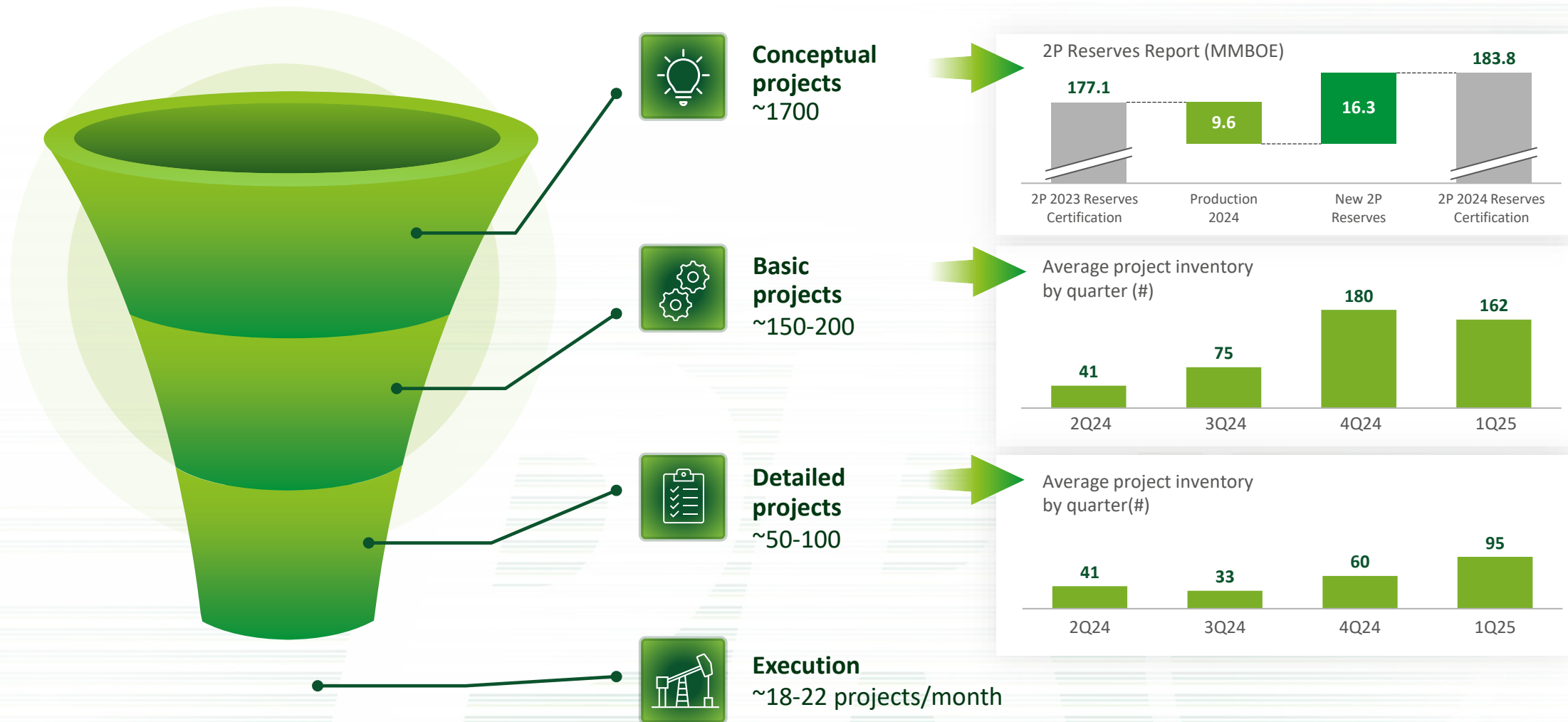
Development of Tiê



10-20 projects

Horizontal wells and deeper reservoirs

# Monthly workover and conventional drilling funnel

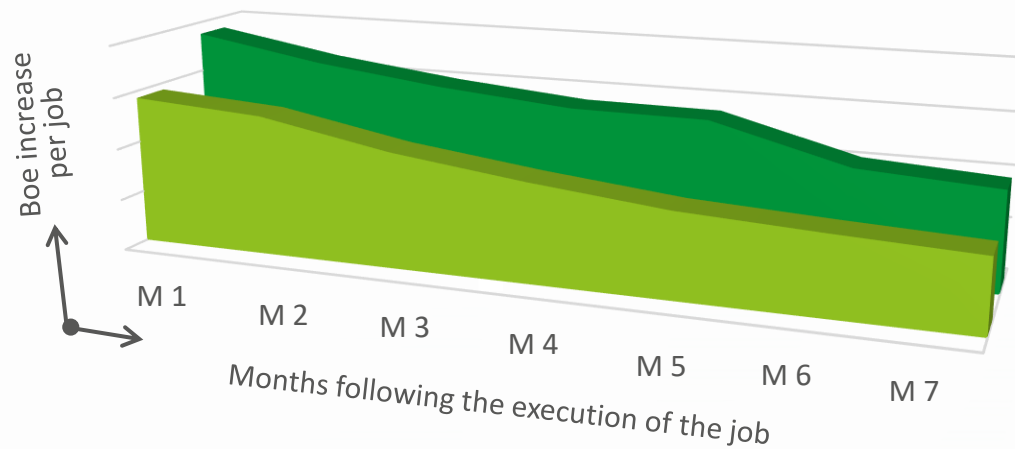


# Results of the evolution of planning as a core value of the Company



## More production

Average incremental production per workover job (iboed/job)



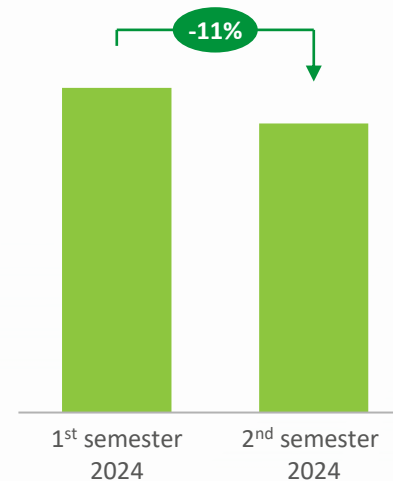
**~40% increase**

**in incremental production from workover jobs executed in 2<sup>nd</sup> semester**

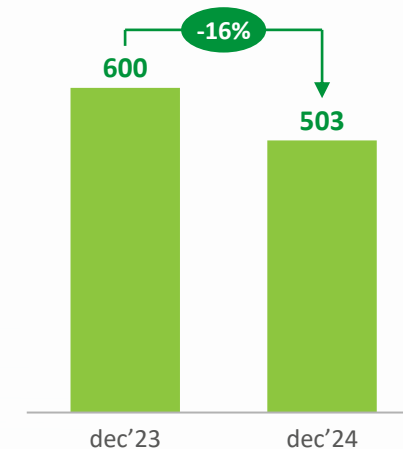


## Better capital allocation

Average cost reduction per workover job (R\$ MM/work)



Reduction in the inventory of materials (R\$ MM)





# Continuous evaluation of capital allocation process



**Review of Free Cash Flow and outlook for next quarters**



**List of Investment Opportunities**



**Revision & Final approval by the Board**

## Investment Opportunities



### **Organic growth strategies**

Accelerate organic Capex  
New Opportunities  
(horizontal, deep wells)



### **Midstream Investments**

Increasing Resilience and Efficiency



### **M&A Opportunities**

Acquisitions / Divestments / Farm-ins  
/ Farm-outs



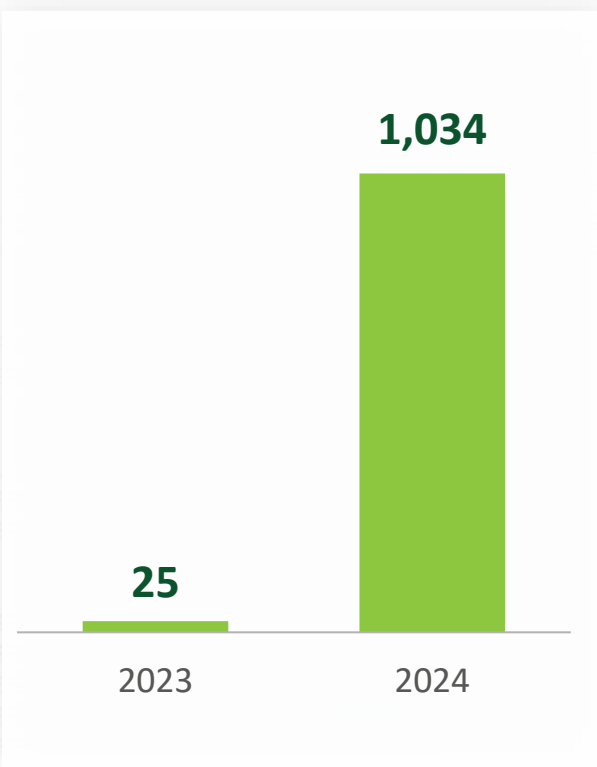
### **Shareholder Remuneration**

Dividends and JCP  
Repurchase of shares

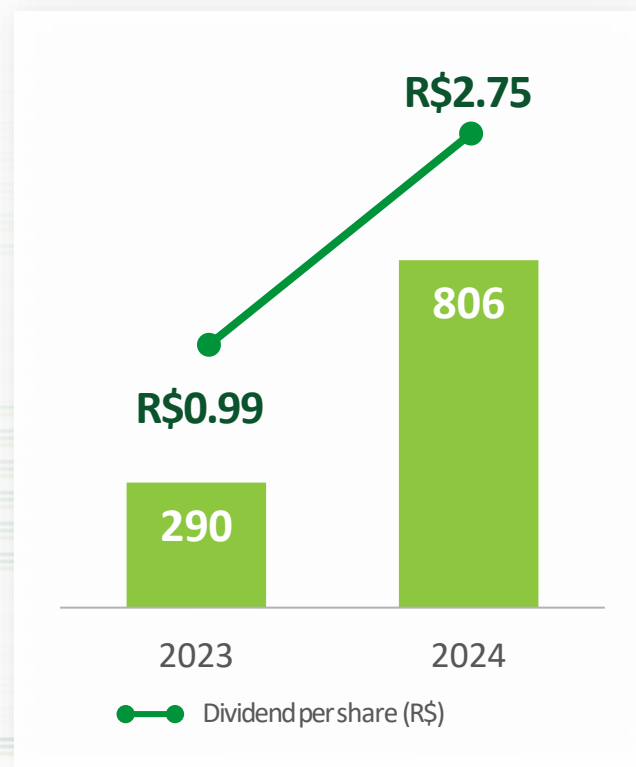
# Record Free Cash Flow and Dividends in 2024



**Free Cash  
Generation (R\$ million)**

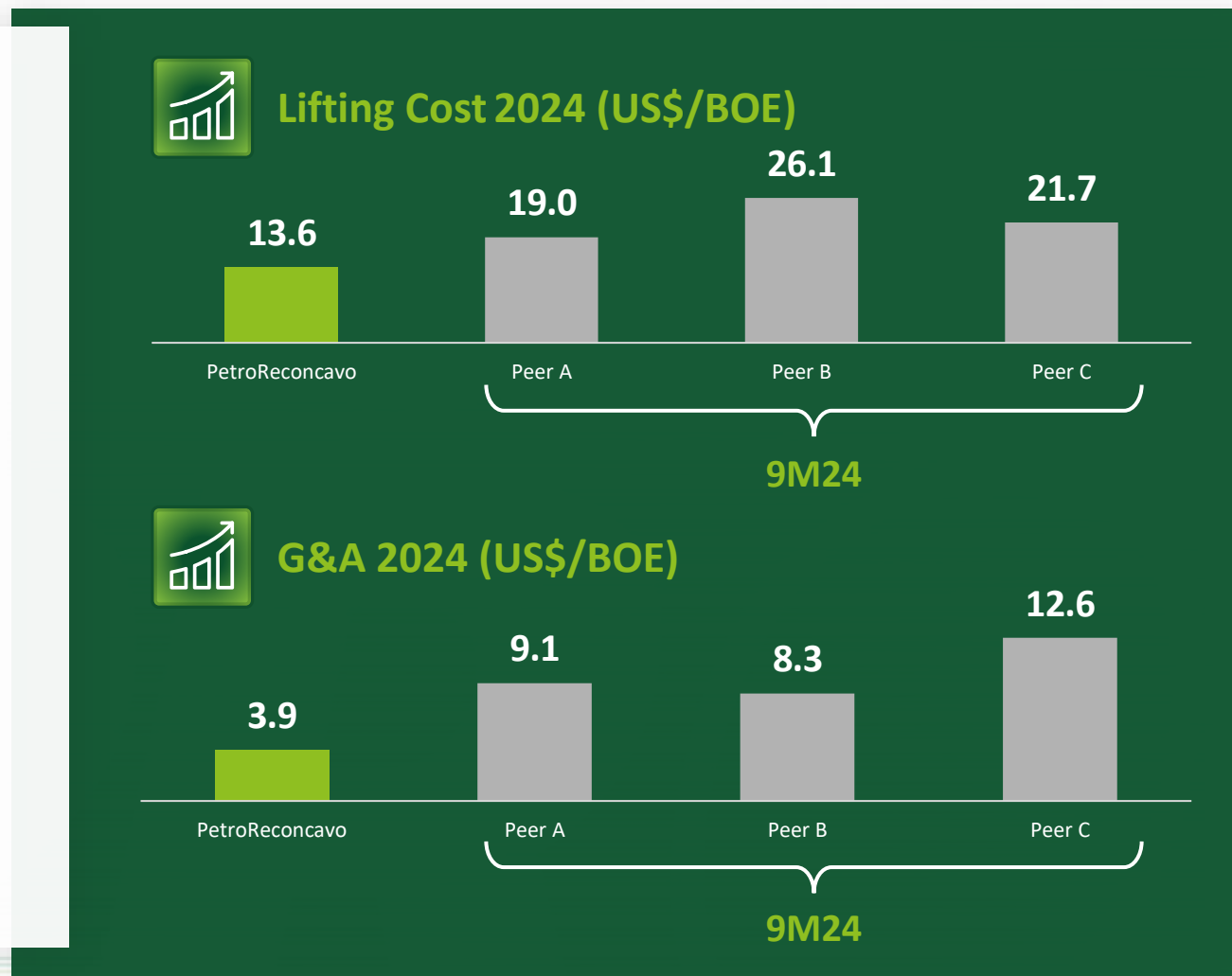
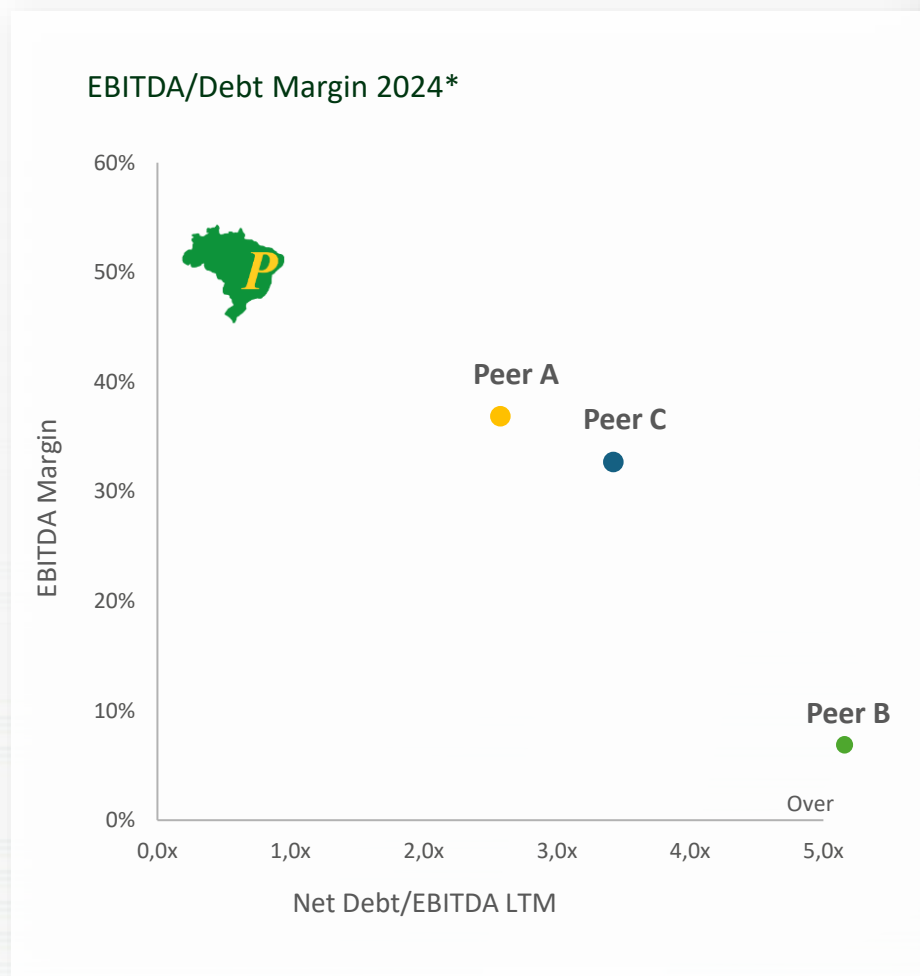


**Dividends Paid  
(R\$ million)**



**Dividend  
Yield  
~14.5%**

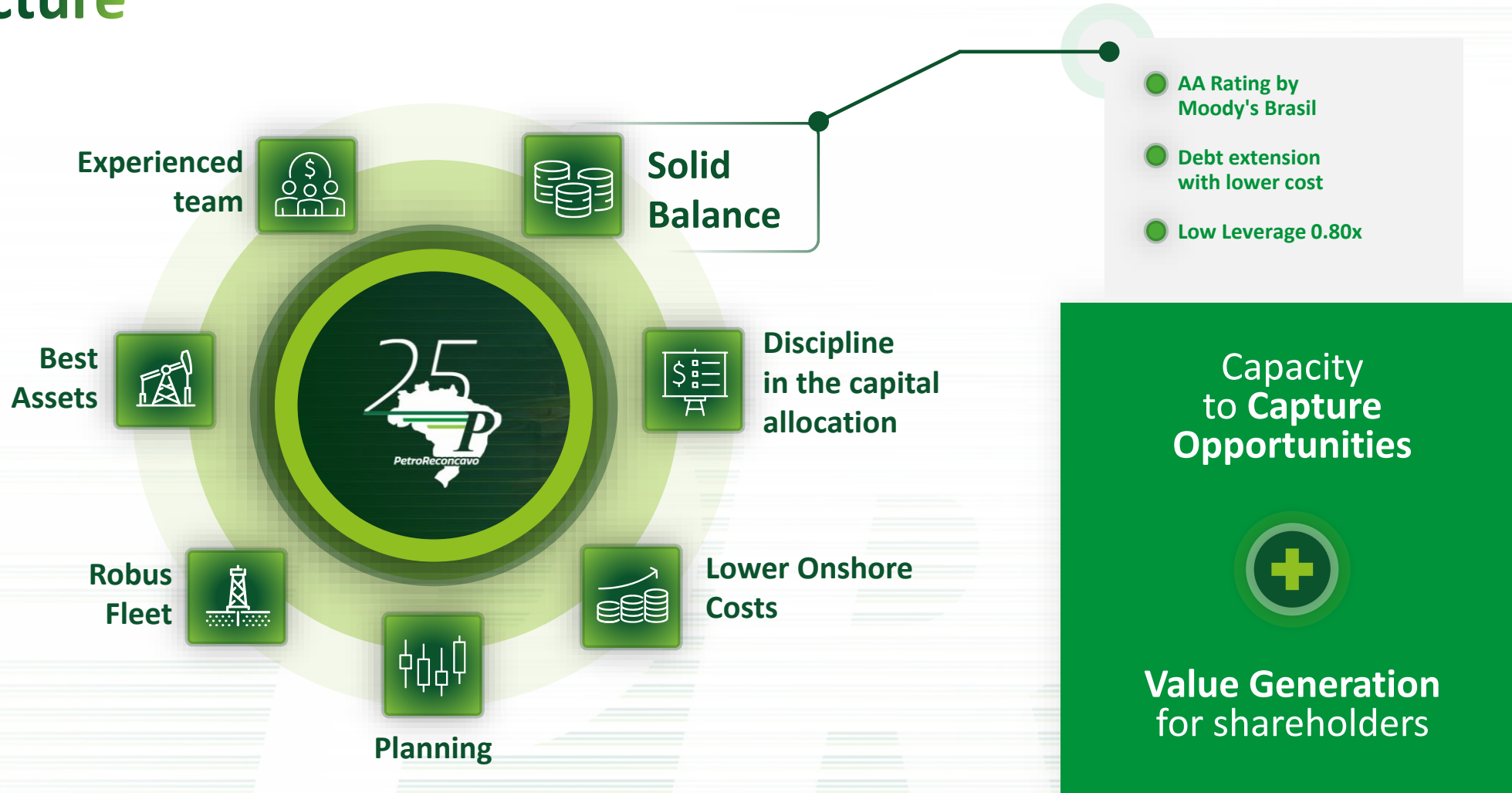
# Benchmark in lifting cost and G&A among Brazilian peers



\* Data related to onshore peers in Brazil in the accumulated of 9M24.



# Ready (PRontos) to generate value with the best onshore capital structure





# **PR**ONTOS 2025



**Rigs & Services Organization - RSO**  
**Excellence in execution**  
**and new technologies**



**Dennys Campos**  
VP Rigs and Services



# RSO with robust portfolio and proven value generation

Exclusive fleet with multidisciplinary execution capability



## 3 Drilling Rigs

PR-21 - 400 HP / up to 1,200 meters

PR-04 - 750 HP / up to 2,500 meters

PR-14 - 1500 HP/ up to 5,000 meters

**PR-14: Operation  
started in 3Q24**



**15 Workover  
Rigs**



**+3 Rigs in  
2024**



## Well Intervention Services

Fracturing / Cementing / Acidification

Directional Drilling

Well Testing / Production Logging

Drilling and Completion Fluid





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Exclusive fleet with multidisciplinary execution capability



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## Well Services

Fracturing / Cementing / Acidification

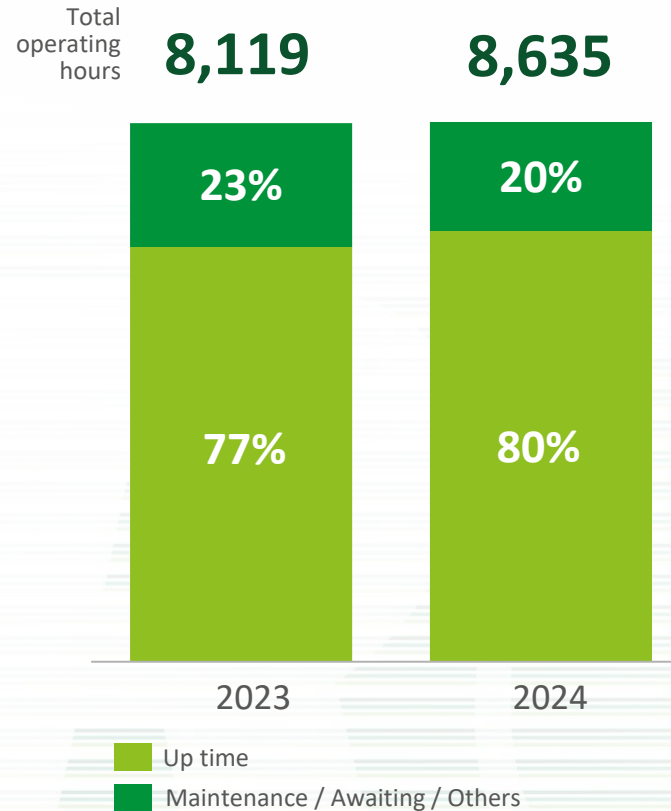
Directional Drilling

Well Testing / Production Logging

Drilling and Completion Fluid

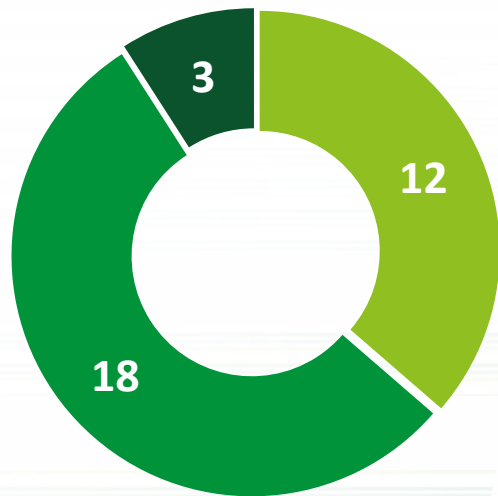
## Up-Time Workover

monthly average – hours



# Consolidation of a Brazilian onshore drilling company

## Wells drilled in 2024



- Drilling for partners
- Conventional drilling
- Deep drilling



## Increase in capacity

Nov'23:

**1 rig**  
own  
drilling



Nov'24:

**3 rigs**  
own  
drilling

**12 wells**  
**drilled**  
for partners



## External performance validation - PR21

**10 wells** drilled  
at an average  
depth of 700 m

Average of  
**5 days drilling**  
**per well** (below  
than expected)

**Most wells with**  
operational efficiency  
above 98%

# Unprecedented drilling performance in the Tiê field



## Costs per phase



### Performance



### 6 wells drilled

without failure for the first time in the field's history



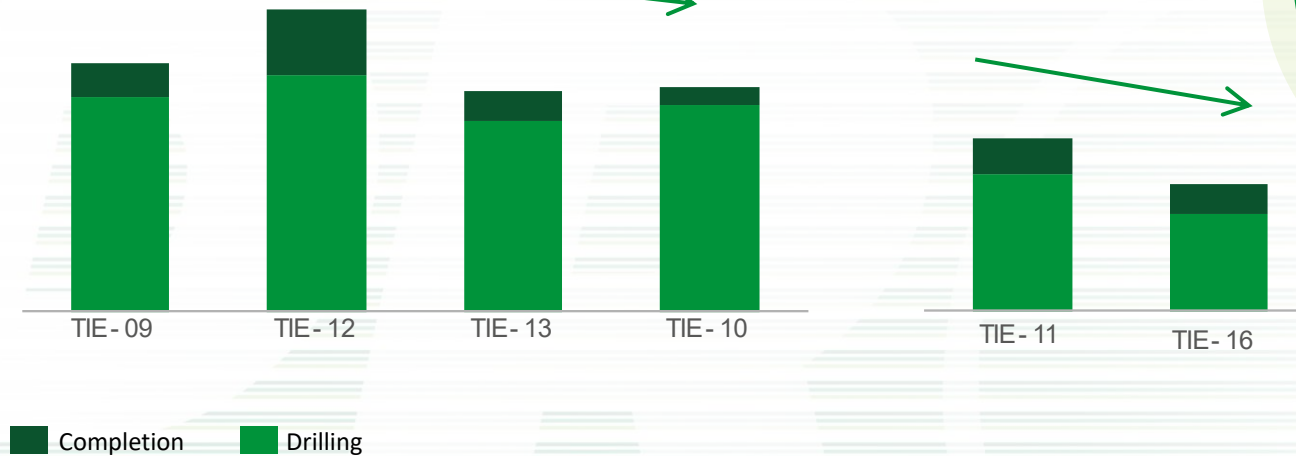
### Cost reduction well-to-well



### Drilling



### Side-tracks





# Achievements 2024



## New Horizons

Record in depth  
drilling

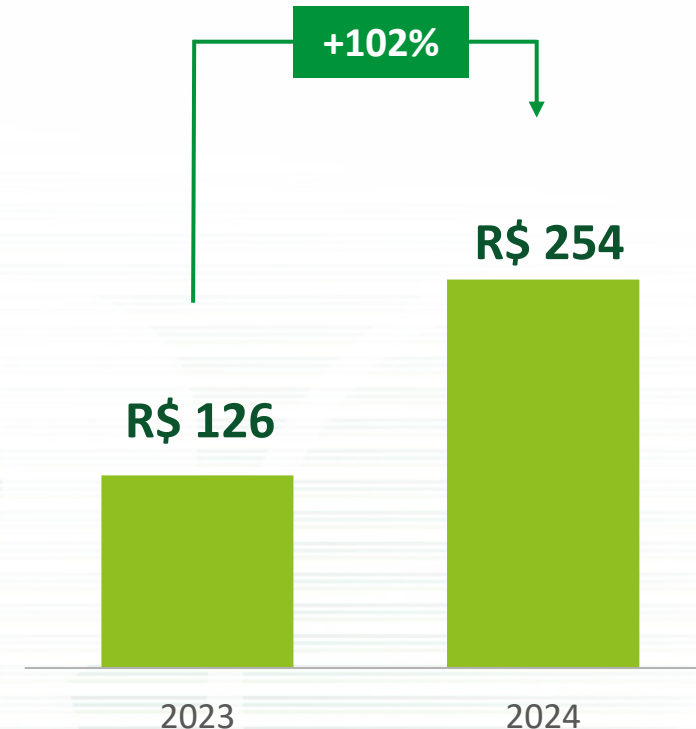
**3,560 meters**



## New Technologies

- Wells executed with internalized directional equipment
- Wells with liner hangers
- Side-track executions
- Wells with floating casing techniques

## Internal Value Creation\* (R\$ MM)



\*includes financial and operational savings versus outsourced execution

# Capacity Expansion in 2025

Enhancing intervention execution capability



**Expansion of the workover rig fleet**

**+ 2 Full-Service Rigs**

**+ 1 Light intervention Rig**



**Expansion of services**

**Increase in directional drilling**

Self sufficiency

**Fracturing expansion**

Increased work capacity

**New cementing technologies**

Enabling high-volume cementing operations





# Towards the future

Leadership, trust and execution in Brazilian onshore!



## Safety

**Fundamental Pillar**  
Expanding the Supervisor's  
Role



## Workovers

**Execute 100%  
of the portfolio**



## Drilling

Reaching new heights  
in **operational efficiency**  
and **cost optimization**

**Exploration of new  
frontiers**, with  
horizontal and deep wells



## Well Services

**Transform the management  
of well repairs**, improving  
processes  
and efficiency





# **PRONTOS** 2025



## Resilience and New Business



**João Vitor Moreira**

VP Commercial  
& M&A

# Midstream continues as a value driver

Efficient management and cost optimization



## Evolution from 2023 to 2024



**↑ 950**  
**boe/d**

of gas marketed due to  
better utilization



**11.8%**  
**Brent**

in the price of  
realization of the  
natural gas



**↓ 10.9%**

reduction  
in midstream  
costs in the  
2<sup>nd</sup> semester

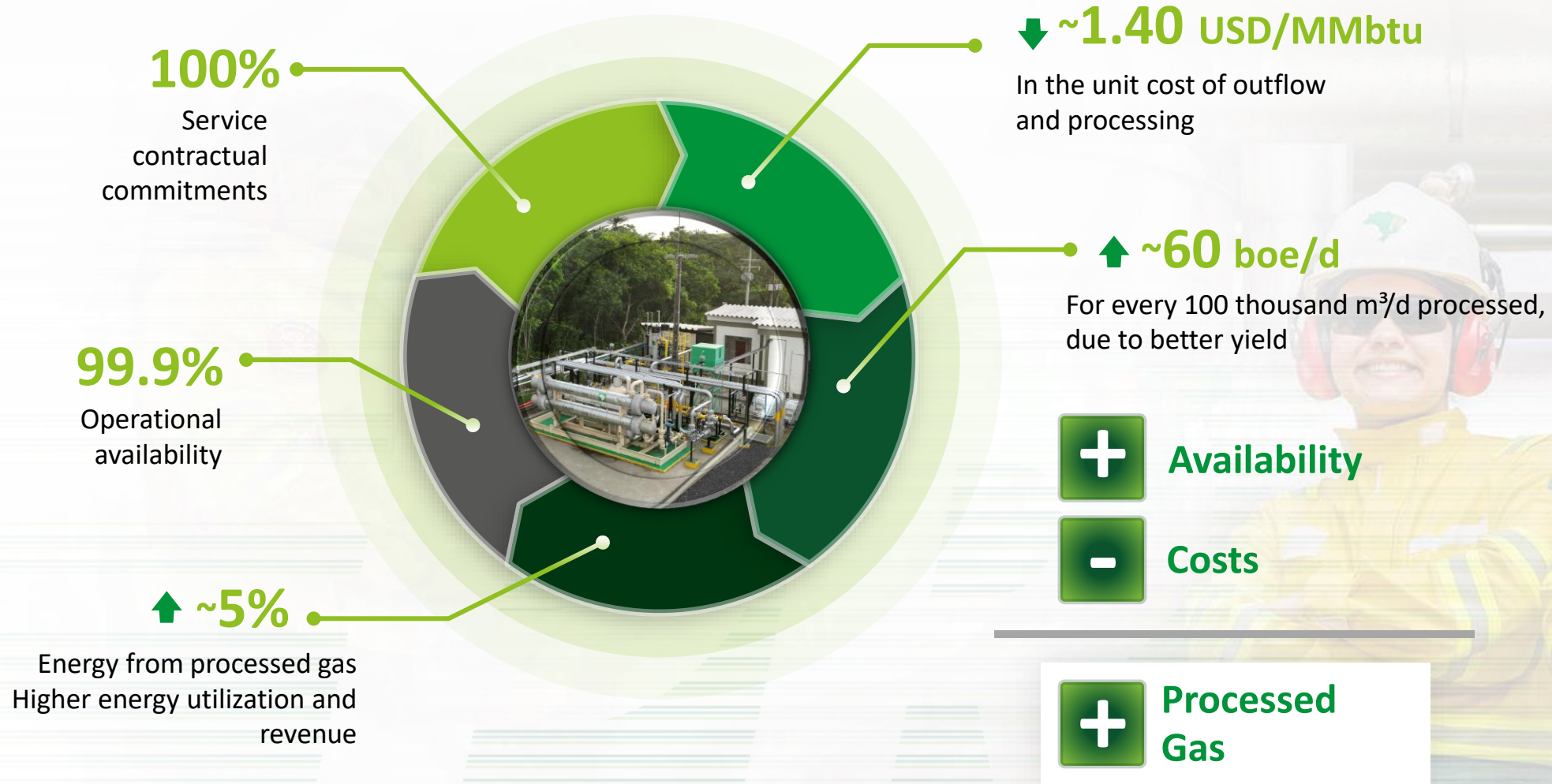


**↓ 85%**

reduction in  
penalties  
along of the year

1) Includes costs of outflow, processing and transportation

# GTU São Roque: positive results throughout the first year





# Bahia Gas Hub: Autonomy and flexibility to maximize value



## NGPU Miranga



Strategic region  
for receiving  
and destinating  
natural gas



Modern plant,  
secure and scalable,  
with high productivity  
and low costs



Autonomy, operational  
flexibility and readiness  
to capture new  
Opportunities



## Midstream BA

Increased own installed capacity:

**2027: 1.35 MMm<sup>3</sup>/d**

**2028: ~1.9 MMm<sup>3</sup>/d**

Alternative routes  
for outflow:

**TAG**

**Bahiagás (GTU-SRO)**

**Direct connection**

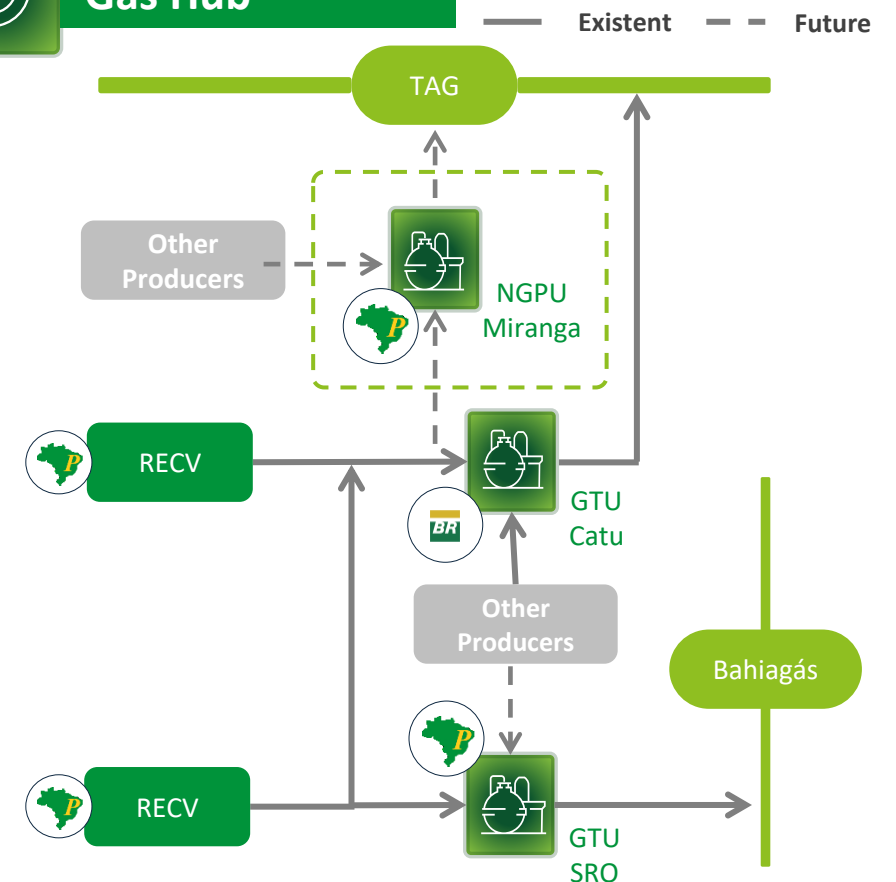
Enabling new opportunities:

**Third party gas**

**Liquid fractionation**

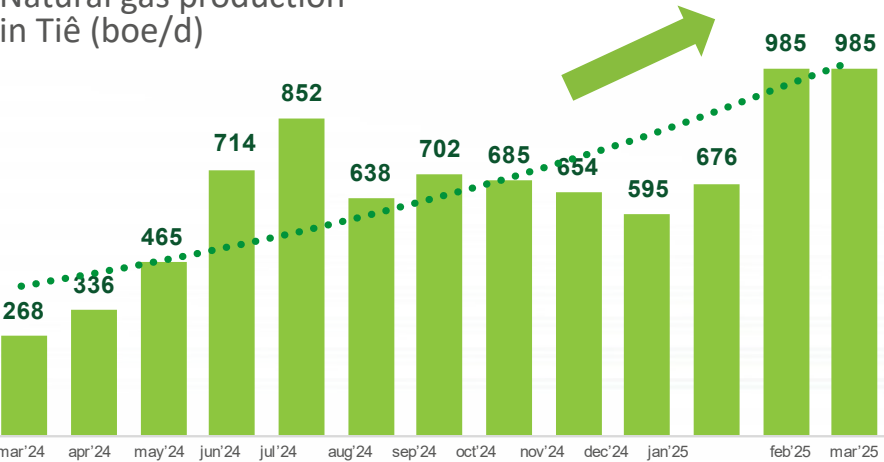


## Gas Hub



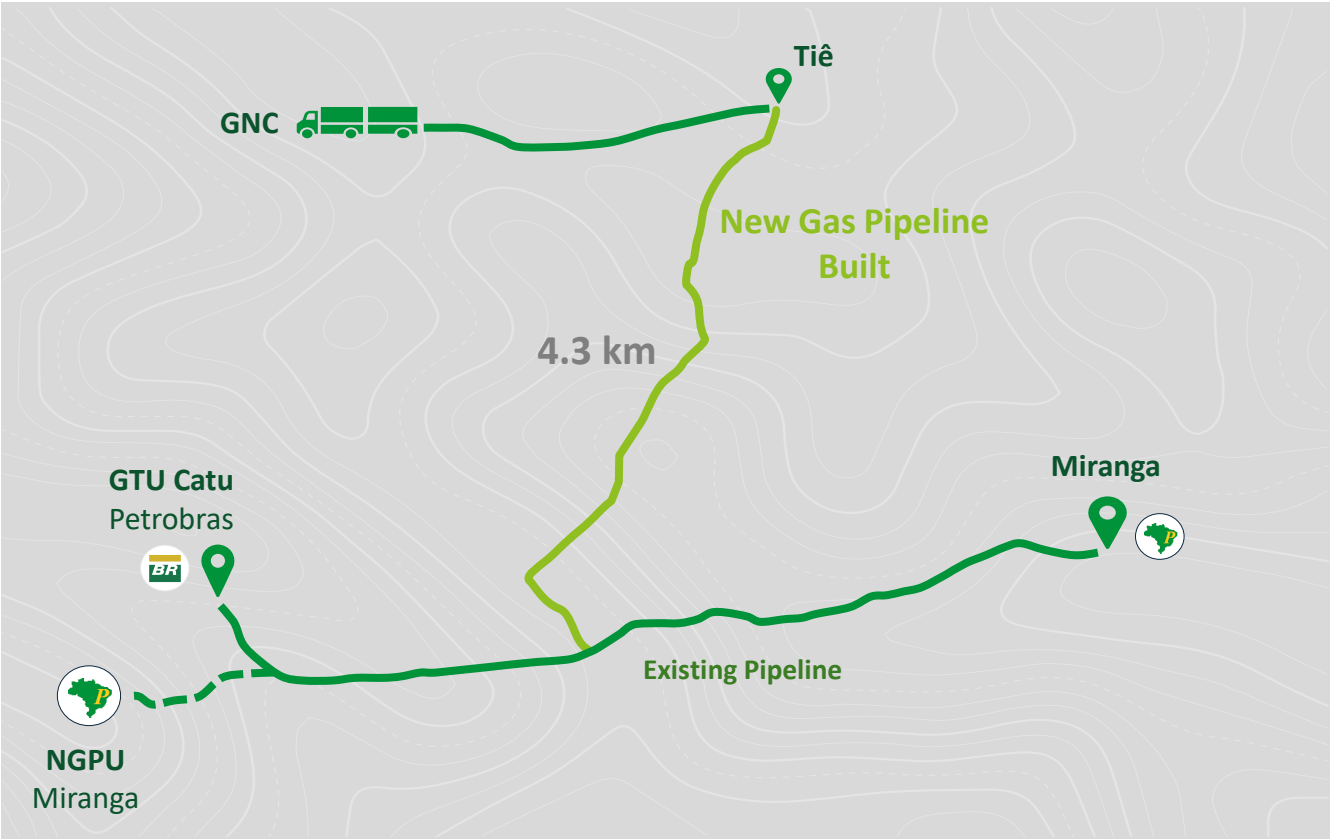
# Midstream routes: connecting production, infrastructure, and the natural gas market

Natural gas production in Tiê (boe/d)




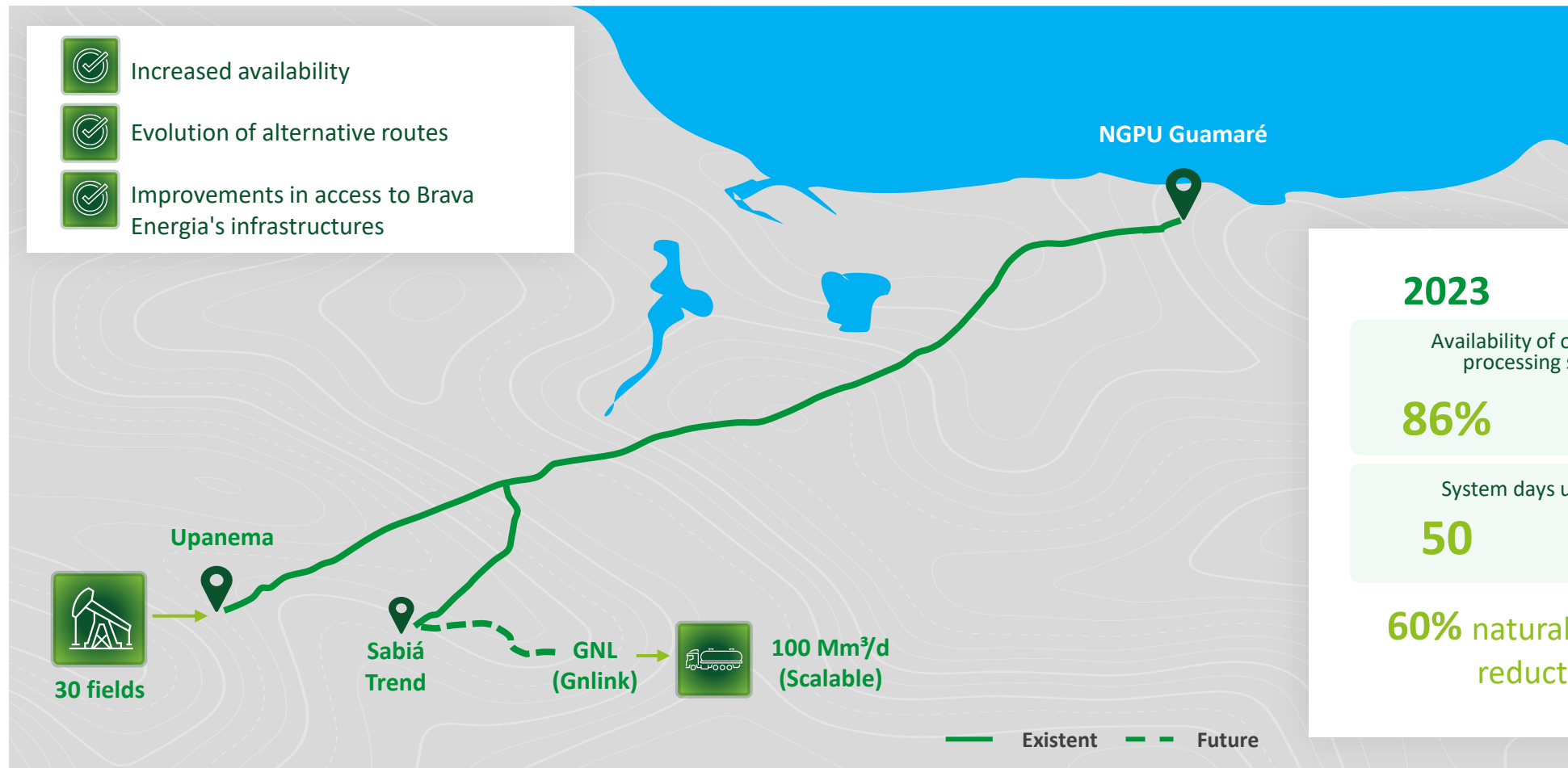
## Benefits

- Flexibility for receiving incremental volumes
- Maximization of the use of own infrastructures (up and midstream)
- Better monetization potential of natural gas



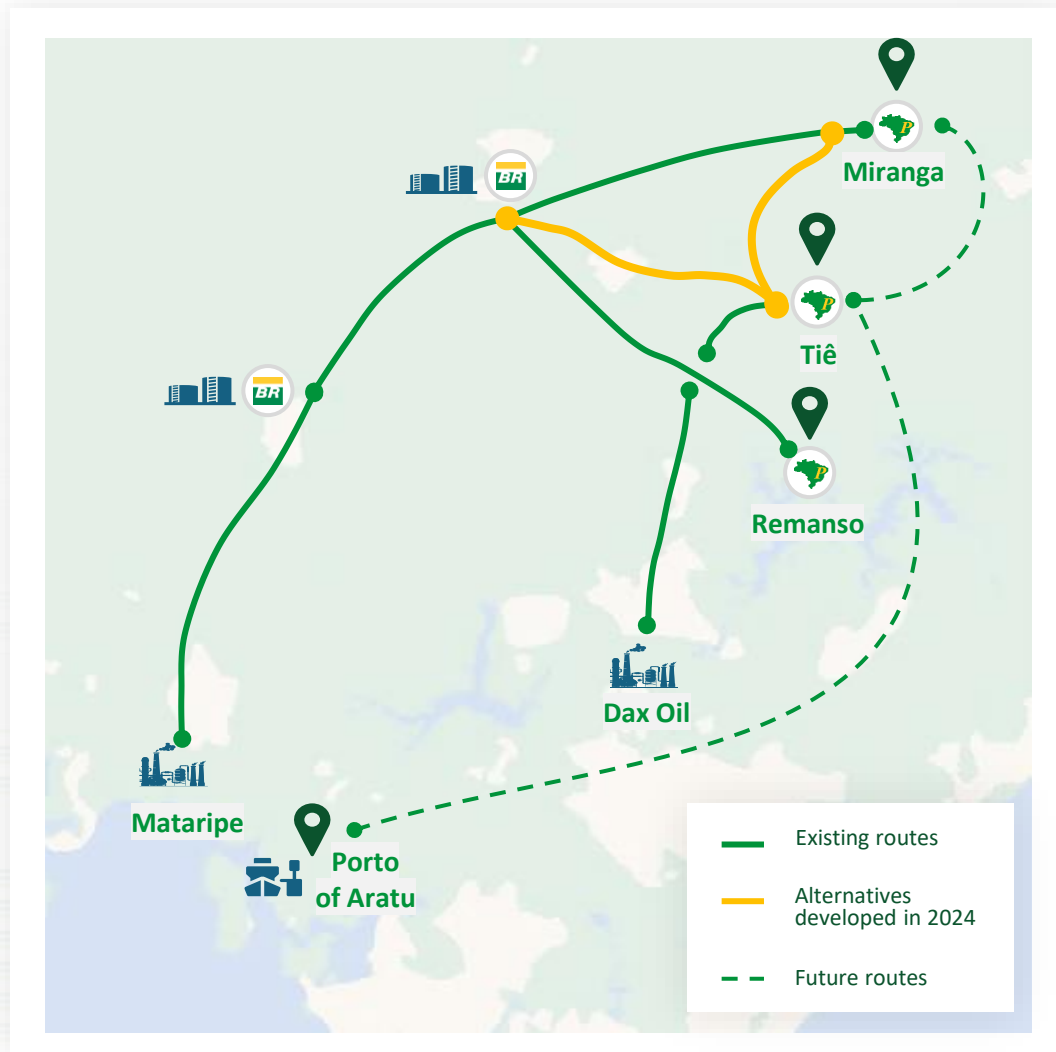
Existent Future

# Increasing midstream reliability & developing alternative routes in the Potiguar asset

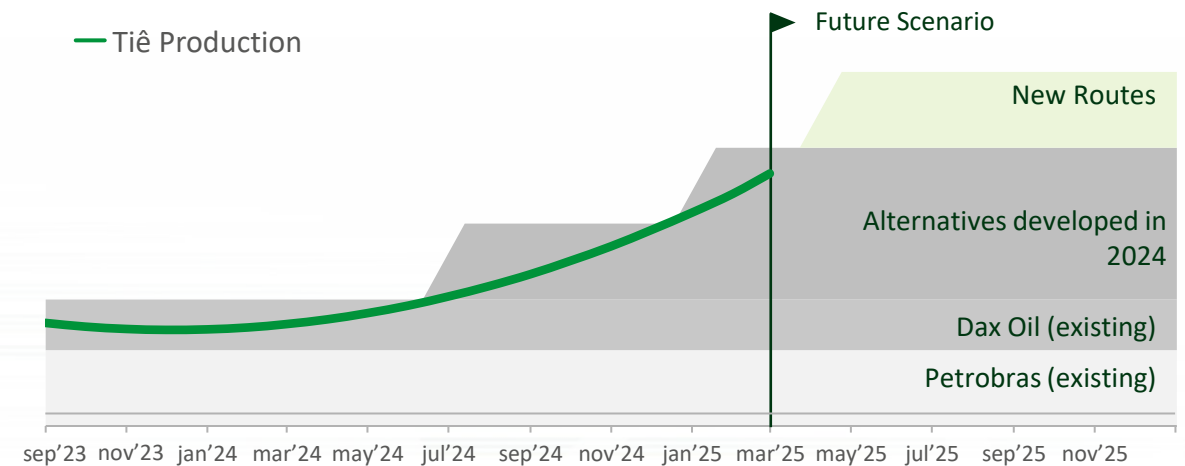


2023	2024
Availability of outflow and processing systems	
86%	99%
System days unavailable	
50	4
60% natural gas flaring reduction	

# New oil outflow solutions in Bahia



## Evolution of routes of Tiê oil outflow



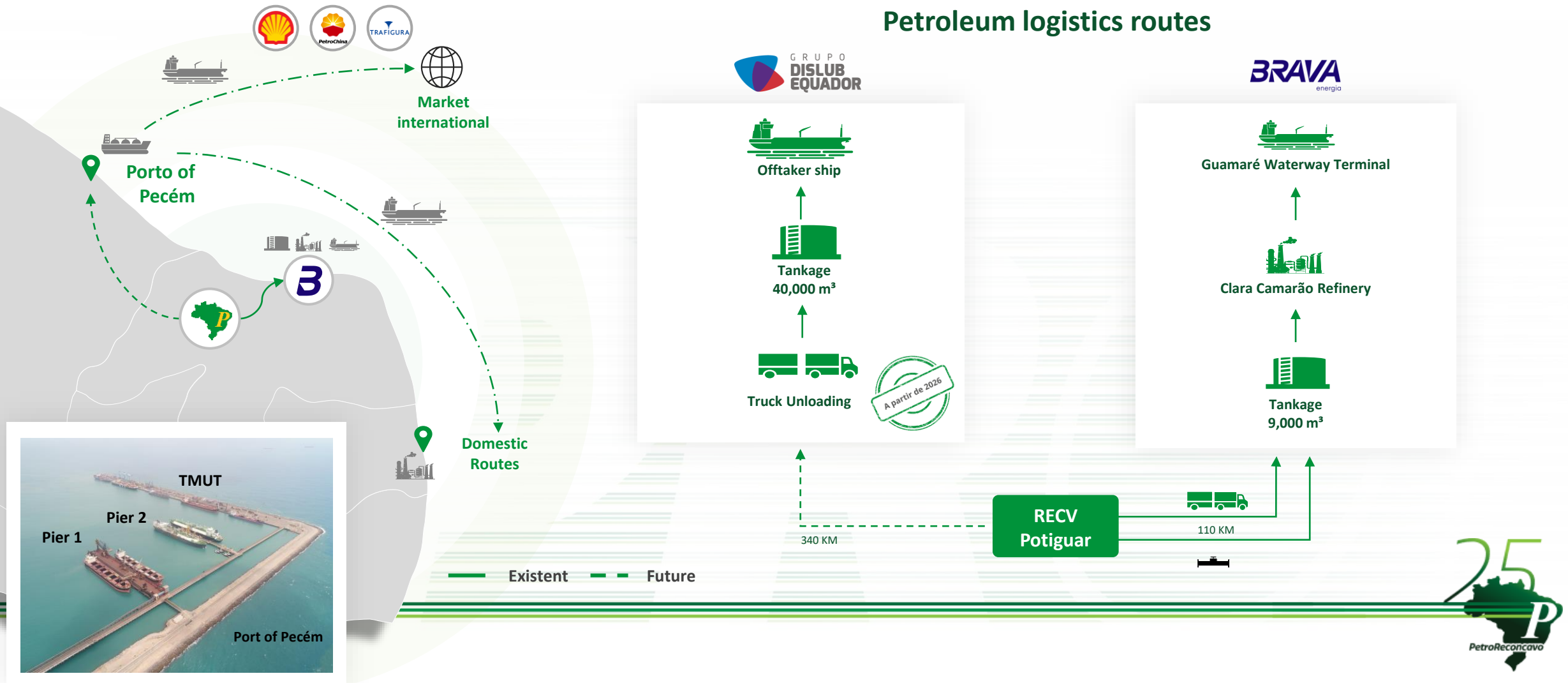
## Benefits

- ✓ Enabling the outflow and commercialization of anticipated incremental volumes
- ✓ Enabling alternatives to ensure operational continuity (outflow resilience and commercialization)
- ✓ Creation of an alternative for commercialization of oil in other markets



# Increased resilience of Potiguar oil outflow

Supply via two routes will allow greater autonomy and operational continuity





**PR**ONTOS  
2025

