Rio Oil & Gas 2022 CGEF Trip Report

Rio de Janeiro, Brasil September 2022





CGEF's Past President and Director, Kevin Broger in attendance.

Metrics

58,000 visitors
550 Technical Papers
85 Sponsors
450 Exhibitors

Recognized as the largest business platform and knowledge sharing event in the O&G industry in Latin America



Supported, in part, by Can Export for Associations



Pricing Options

- In Person Congress
- Digital Congress
- Exhibition

VALUES AND DISCOUNTS				
Category	In-person Congress		Digital Congress	
	Promotional Lot	Full Value	Promotional Lot	
not associated	BRL 1,890.00	BRL 2,360.00	BRL 1,225.00	BRL 1,535.00
associates	BRL 1,510.00	BRL 1,890.00	BRL 980.00	BRL 1,225.00
Exhibitor - sponsor	BRL 1,380.00	BRL 1,720.00	BRL 895.00	BRL 1,120.00
Teacher	BRL 1,135.00	BRL 1,415.00	BRL 455.00	BRL 565.00
Masters - PhDs - researchers	BRL 1,135.00	BRL 1,415.00	BRL 455.00	BRL 565.00
Students (undergraduate)	BRL 1,135.00	BRL 1,415.00	BRL 455.00	BRL 565.00
committee member	BRL 1,380.00	BRL 1,720.00	BRL 550.00	BRL 690.00
work author	BRL 1,135.00	BRL 1,415.00		5.00
Category		Promotional Lot	t Full Value	
Visiting the fair (daily)		BRL 70.00	BRL 70.00 BRL 90.00	
Visit to the fair (passport)		BRL 190.00 BRL 240.00		

On even years Rio Oil & Gas is hosted by one of our partnered associations ibp On odd years OTC Brasil is hosted by OTC and ibp (5000 delegates, 15000 visitors)



New Venue – Boulevard Olympic









Brazil at a Glance



million people (7th largest population)



1.609 Trillion USD GDP

2021 (13th largest economy)

Largest Oil Consumer (BP Statistical Review 2022)

Refineries

Million bpd Refining Capacity

Largest Refining Capacity (BP Statistical Review 2022)

Billion liters of Diesel (with 10% to 13% of biodiesel), consumed in 2021

Billion liters of Gasoline B (with 27% of ethanol), consumed in 2021

Billion liters of LPG consumed in 2021



Brazil is among the

10 largest crude oil producers and exporters in the world



E&P company groups, ~50% foreign (Sep 2022)



Million bpd of crude oil export (2021 Average)

PRODUCTION:

3 M

Bpd of oil production (Apr 2022)

137м

m³/d of gas production (Apr 2022)

RESERVES:

13.2_B

Bbl in proved oil reserves (Dec 2021)

379_B

M³ in proved gas reserves (Dec 2021)

Potential to reach more than



Million oil bpd in 2025 (PAP 2022)

Million oil bpd in 2030 (EPE)



Potential to be the

Largest crude oil exporter in 2030 (EPE)



ENERGY FORUM

Opportunities through ANP (Regulator)

- Production Sharing Rounds Pre-Salt (6) Nov 2021
- Concession Rounds Onshore & Offshore (17) Oct 2021
- Marginal Rounds (4) May 2017
- Permanent Offer Process (Post Dec 2021)
 - Production Sharing (1st Cycle in process Dec 2022)
 - Concession (3 Cycles) April 2022

https://www.gov.br/anp/pt-br/assuntos/investments-opportunities-in-brazil



Opportunities - PB Divestment Prgm

Brookfield

NTS gas pipeline network (Nova Transportadora do Sudeste SA)



Pampo and Enchova



Macau Cluster, Pescada Arabaiana Cluster, Areia Branca Cluster Fazenda Belem* Cluster, Reconcavo* Cluster, Potiguar* Cluster, Papa-Terra* Cluster Peroa* Cluster



Frade

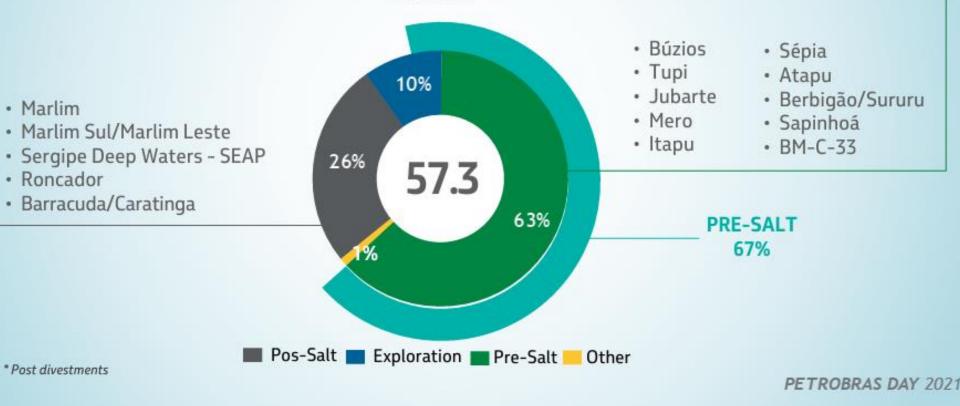


^{*} pending ANP transfer approvals

E&P INVESTMENTS FOCUSING ON PRE-SALT

E&P CAPEX 2022 - 2026*







PORTFOLIO MANAGEMENT FOR BETTER CAPITAL ALLOCATION VALUES MOSTLY CONCENTRATED IN E&P*

MAIN ASSETS

EXPLORATION & PRODUCTION

- Onshore and shallow water assets
- International assets
- Albacora and Albacora Leste
- · Golfinho/Canapu
- · Papa-Terra
- Uruguá/Tambaú
- Camarupim

REFINING, GAS & ENERGY

- Refineries
- · Onshore gas pipelines
- Gaspetro
- Braskem
- Oil-fired thermopower plants
- Fertilizer plants

US\$ 15-25 BILLION BETWEEN 2022 AND 2026**

*impact of aprox. 50 kboed in 2022 production, average impact of c. 250 kboed in the remaining years of the plan.
** includes cash-in for the 5% of Buzios stake sold to CNOOC in 2022

PETROBRAS DAY 2021

24





Promoção e organização



For more detailed information, contact:

Kevin Broger kbroger@cgef.org



