Offshore Technology Conference

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OTC 31883 The Campos Basin case: unlocking value from mature offshore Brazilian assets

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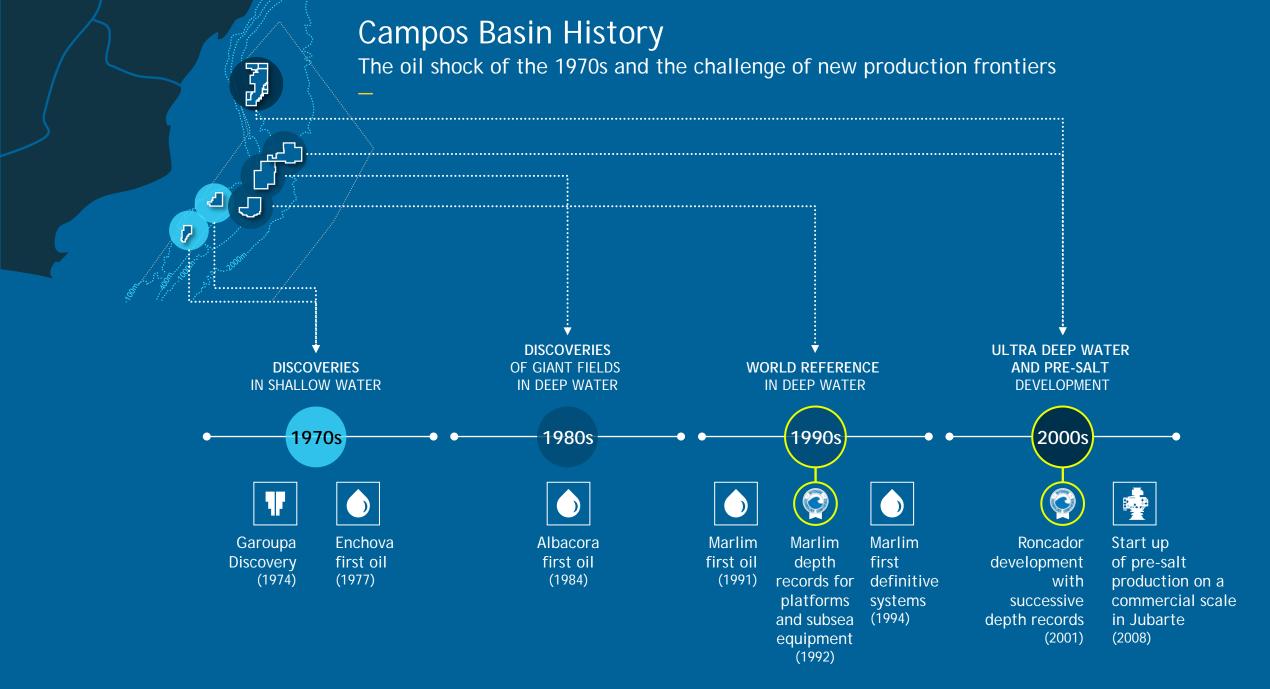
Agenda

Campos Basin Context and History

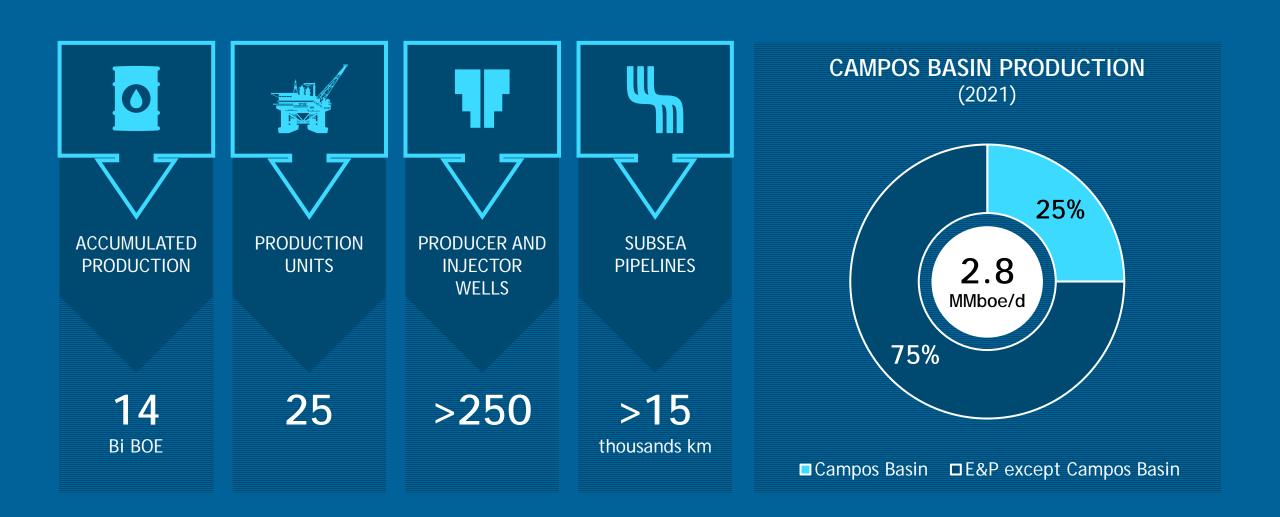
The Campos Basin Today

The Campos Basin in the Strategic Plan

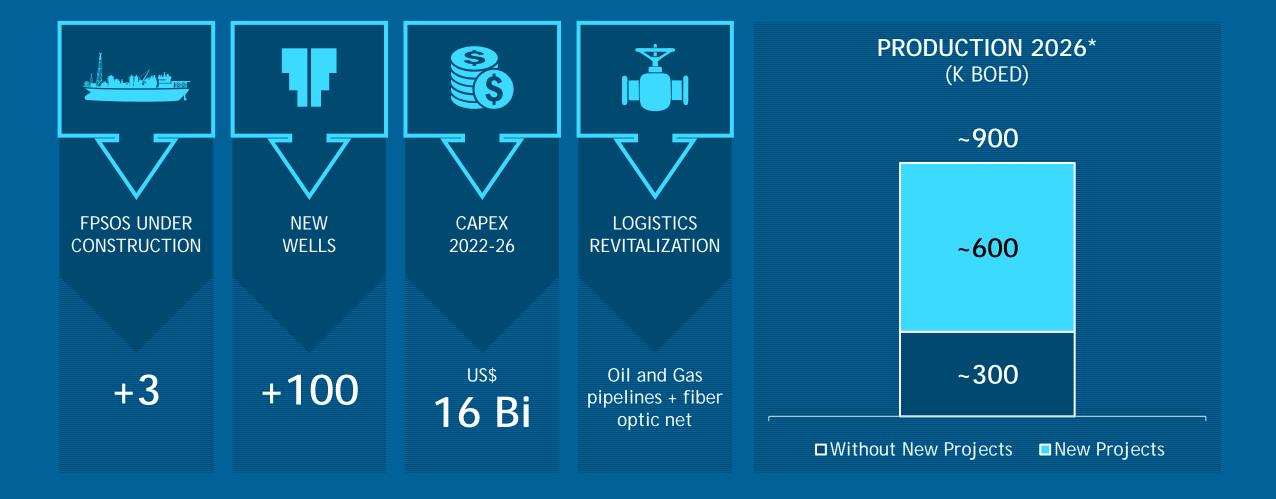
Campos Basin Renovation Plan



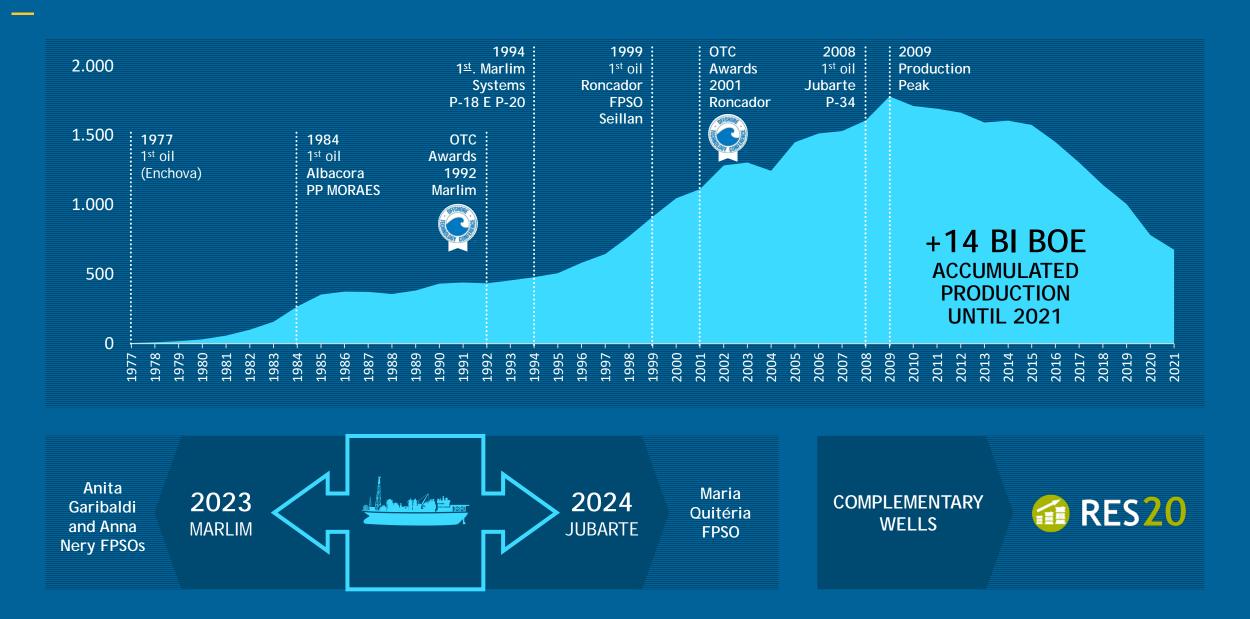
Campos Basin Today



Campos Basin in the Future

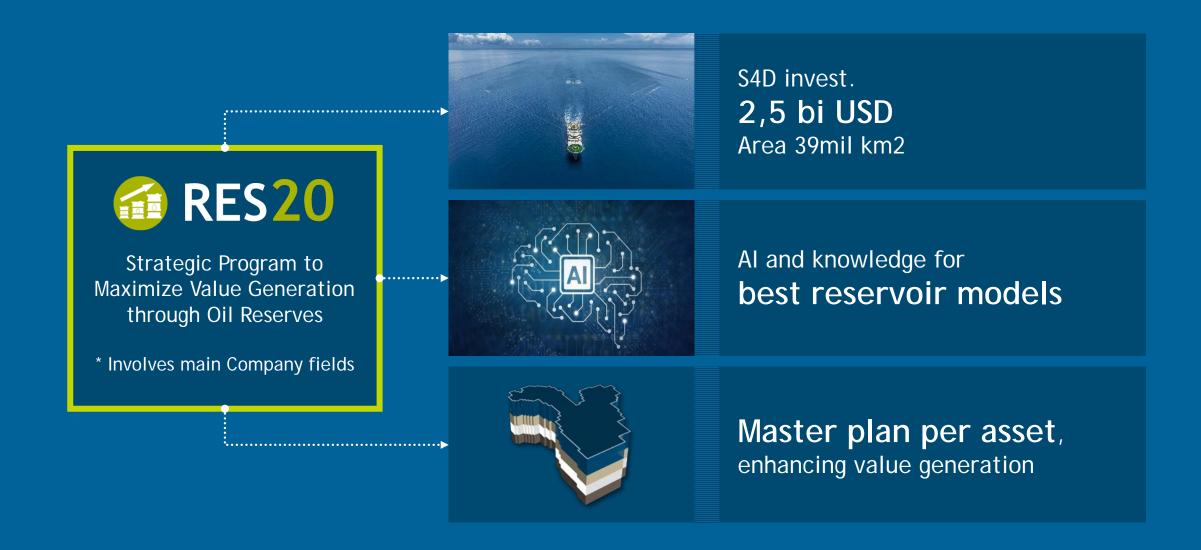


Campos Basin Development Plan



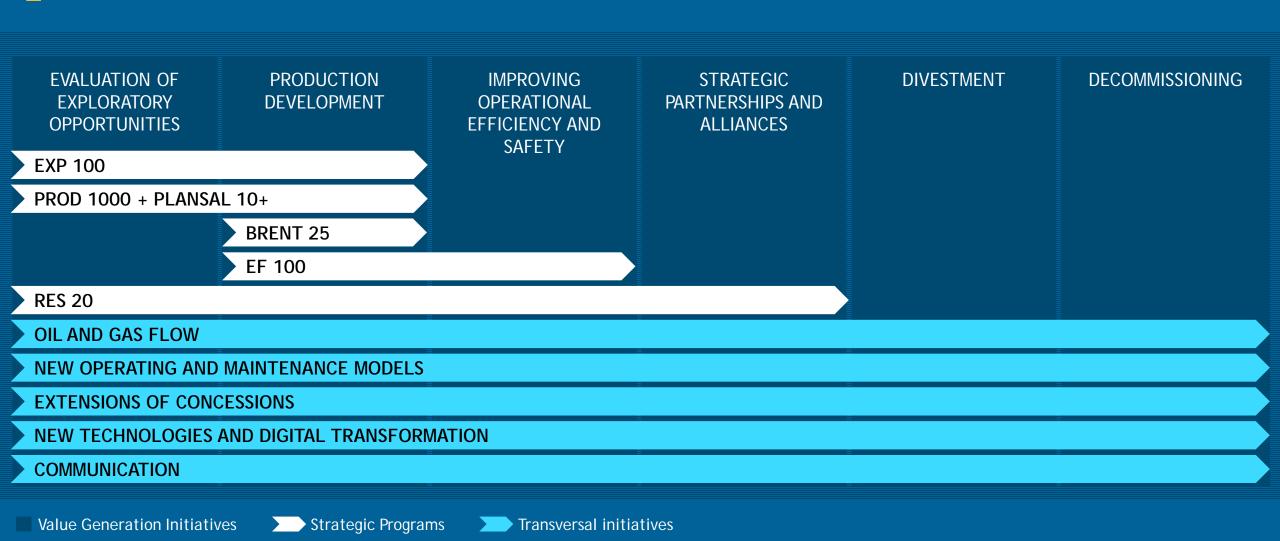
RES20

Ambition to increase the reserves by 20 Bi boe until 2030, of which 5 Bi boe are in the Campos Basin



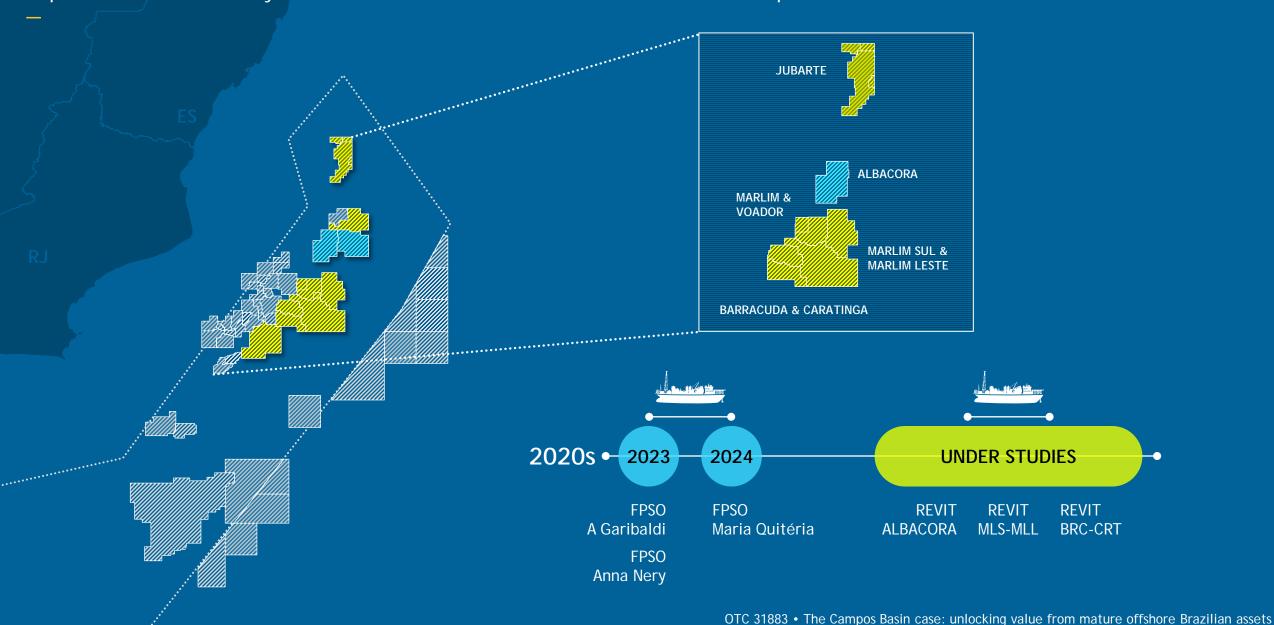
Campos Basin Renovation Plan

Strategic and integrated management: exploratory projects, revitalization, complementary development, flow, efficiency improvement, divestment and decommissioning



Revitalization - Unlocking more value on mature assets

Implementation of new systems, in line with the extension of the concession period



Marlim & Voador Revitalization - example of a world class Project

The largest mature asset recovery program in the global offshore industry - decommissioning nine platforms while installing two new ones

Anita Garibaldi Inna Nerv

FPSO 2 (Anna Nery)

- Total capacity: 250,000 bpd / Oil
- Capacity: 70,000 bpd / 4 MM m3/d
- Gas Water depth: 935 m

FPSO 1 (Anita Garibaldi)

- Total capacity: 310,000 bpd / Oil
- Capacity: 80,000 bpd /7 MM m3/d
- Gas Water depth: 695 m

PRODUCTION UNIT - FPSO

PRODUCTION START UP

2023 FPSO Anita Garibaldi

FPSO Anna Nerv

SUBSEA SYSTEM

09 production manifolds 06 water injection manifolds

ARTIFICIAL LIFT

Gas-Lift
Oil 19° a 24° API
GOR 80 - 120 m³/m³
Seawater injection



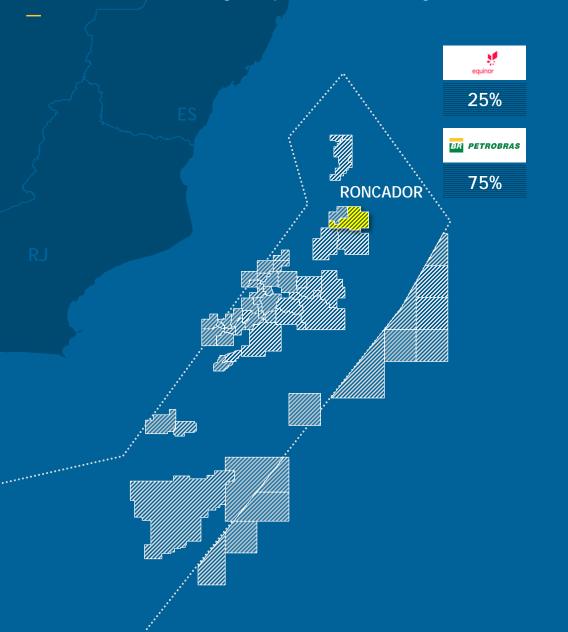
WELLS

- >10 New production
- > 30 production wells
- > 30 water injection wells

SUBSEA PIPELINES ~700 km

Strategic Partnerships

Value creation through experience sharing



ENHANCE THE RECOVERY FACTOR

- Authorization for 18 new wells in 2020 and 11 wells in 2021
- +20 new wells in design phase

- 45%

Well cost reduction

EXTENSION OF THE CONCESSION PERIOD UNTIL 2052

 Studies for life extension of the systems and/ or units replacement

Integrated Development Plans

Robust, faster and simpler governance for new wells, aligned with a strategic vision for each field

Until 2019

• Multiple independent

• Authorization in 3 phases

Limited vision of the

projects

portfolio

2020: new brownfield project management governance

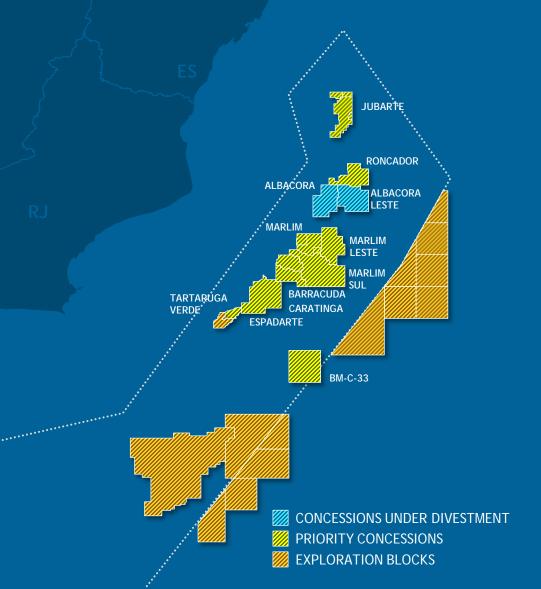


- Authorization in one phase (10 months)
- Integrated reservoir modeling
- Master plans for concessions



Campos Basin is an international reference in the industry

Responsible for almost 75% of all oil produced offshore in Brazil until today



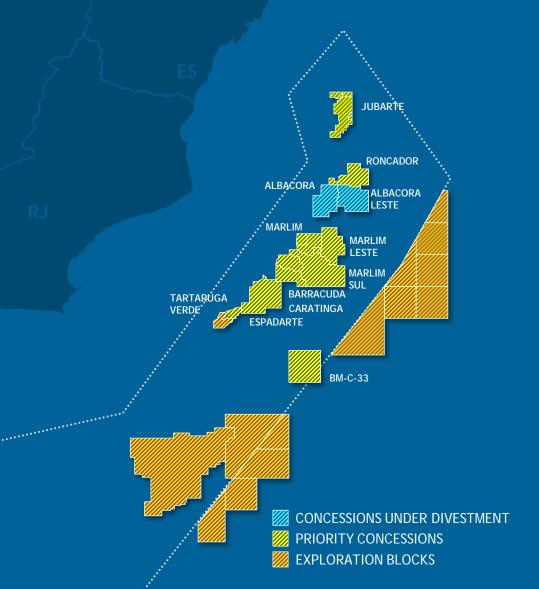
The Campos Basin was the **pioneer** for technologies development and will continue to be for the decommissioning and revitalization of mature concessions

The Active Portfolio Management gives **resilience** for Campos Basin projects portfolio

New players

Campos Basin is an international reference in the industry

Responsible for almost 75% of all oil produced offshore in Brazil until today



Campos Basin will continue to be **relevant** to our portfolio over the next decade

Significant Investments over the next 5 years, focusing on the **integrated development** and **revitalization** of concessions, seeking to maximize value generation for the Company

RES 20 to maximize value generation through Oil Reserves

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