

"Disclaimer,

The presentation may contain forecasts about future events. Such forecasts merely reflect the expectations of the Company's management. Such terms as "anticipate", "believe", "expect", "forecast", "intend", "plan", "project", "seek", "should", along with similar or analogous expressions, are used to identify such forecasts. These predictions evidently involve risks and uncertainties, whether foreseen or not by the Company. Therefore, the future results of operations may differ from current expectations, and readers must not base their expectations exclusively on the information presented herein. The Company is not obliged to update the presentation/such forecasts in light of new information or future developments. All projects forecasted herein are subject to approval by the appropriate stakeholders.

CAUTIONARY STATEMENT FOR US INVESTORS

The United States Securities and Exchange Commission permits oil and gas companies, in their filings with the SEC, to disclose only proved reserves that a company has demonstrated by actual production or conclusive formation tests to be economically and legally producible under existing economic and operating conditions. We use certain terms in this presentation, such as oil and gas resources, that the SEC's guidelines strictly prohibit us from including in filings with the SEC.

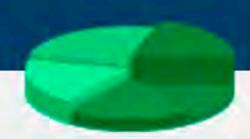
Profile

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We are driven by the challenge of supplying the energy that can propel development and ensure the future of the society with competency, ethics, cordiality, and respect for diversity.

We are a publicly traded corporation, the majority stockholder of which is the Federal Government (represented by the National Treasury), and we perform as an integrated energy company in the following sectors: exploration and production, refining, marketing, transportation, petrochemicals, oil product distribution, natural gas, electricity, chemical gas, and biofuels.

A leader in the Brazilian oil industry, we have expanded our operations aiming to be among the top five integrated energy companies in the world by 2030. We have a presence in 17 countries.





R\$ 104.41 billion Net Revenue

R\$ 304.89 billion

Net Profit

R\$ 23.57 billion

Shareholders

798.596

Global Presence

17 countries*

Number of Employees

86,111



Daily Output

2,539,000 barrels of oil equivalent a day.

Proved Reserves

16.57 billion barrels** of oil equivalent (boe)

Production Platforms

134 (77 Fixed; 57 floating)



Refineries

15

Oil product production

2,124,000 barrels per day



Profile

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Vessel Fleet

326 (57 belonging to Petrobras)

Pipelines

34,639 km

Biofuels

5 biodiesel plants (3 owned and 2 in partnerships); 10 ethanol plants in Partnerships

Thermoelectric Plants

21 plants ***

Wind Energy

4 plants



Service Stations

7,710

Fertilizers

3 plants









HOW PETROBRAS HAS EVOLVED

from Post-Salt to Pre-Salt

MOUNT EVEREST

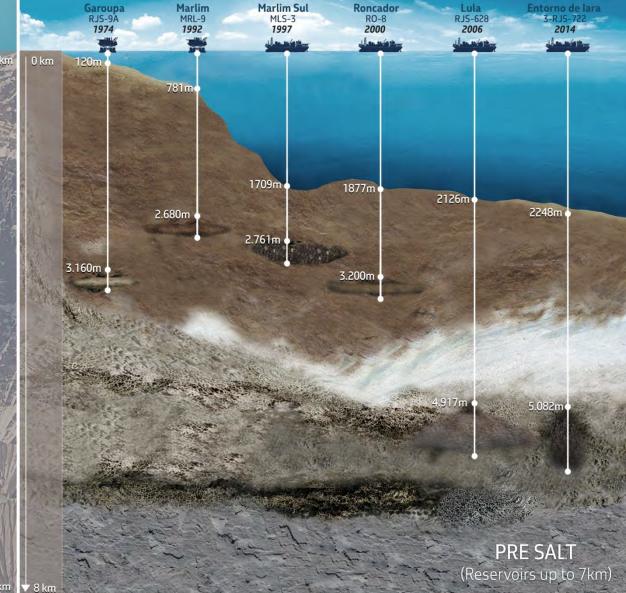
1st oil field found in Campos Basin OTC Award 1992 1s Pro S

1st FPSO OTC Award System 2001

vard

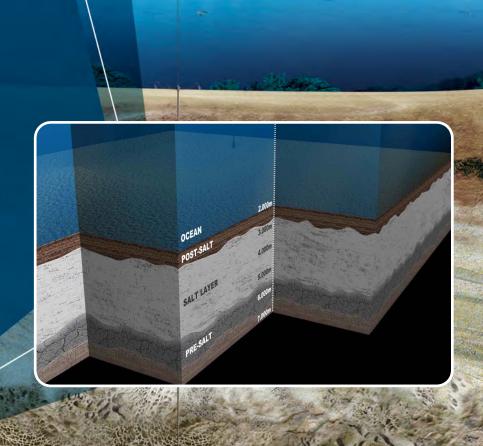
1st comercial discovery from Pre-Salt

Well with thickest oil column (563m)



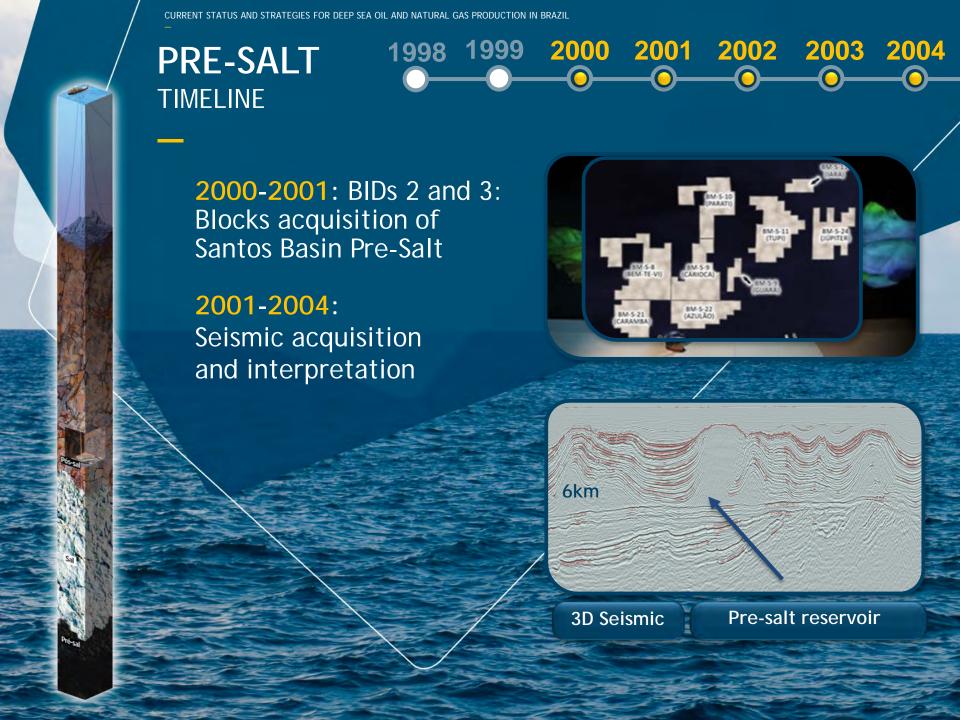
PRE-SALT

- Large reservoirs of oil and natural gas
- Located between 5,000 and 7,000 meters below sea level and 300 km from the coast
- Water depths that can exceed 2000 meters from the water line
- Under a layer of salt that is more than 2 thousand meters deep, in some areas
- Characteristics of the oil: light (API-30) and CO2 content between 1 and 20%
- Almost 80,000 passengers transported in 2014 more than 40 helicopters contracted



BRAZILIAN PRE-SALT PROVINCE





2005 2006 2007 2008 2009 2010

PRE-SALT TIMELINE



EWT Lula
FPSO BW Cidade de São Vicente

P-34 - Jubarte

2005-2006: 1st wildcat well Santos Basin- Parati

2008: Campos Basin 1st oil (Jubarte EWT)

2009: Santos Basin 1st oil - Lula EWT

Main Discoveries

2006: Lula (Tupi)

Lula

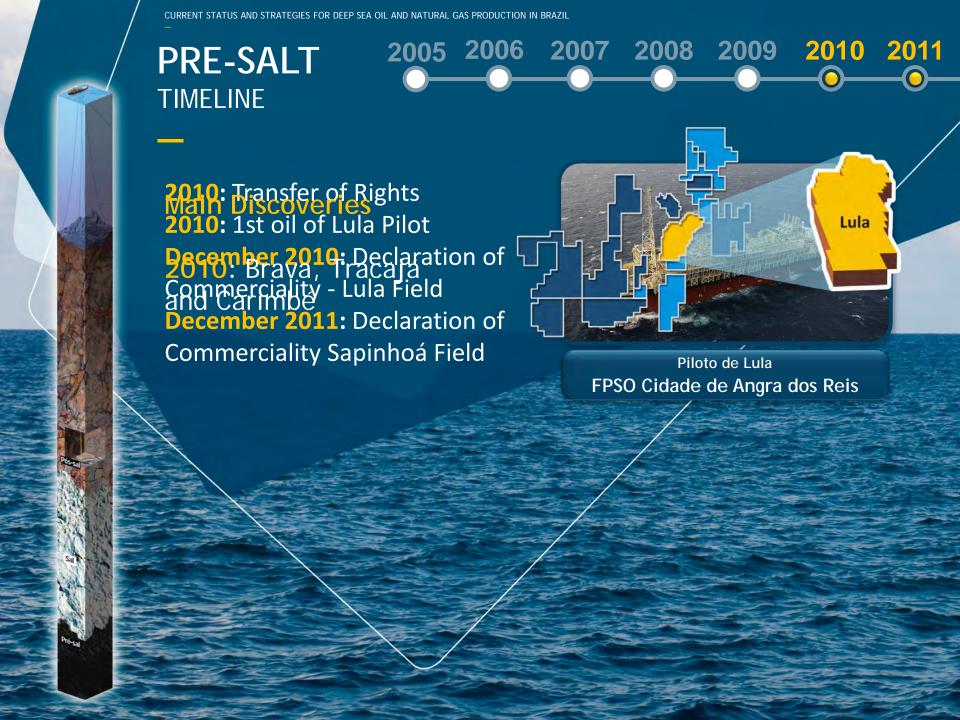
2007: Caxaréu and Carioca

2011

2008: Baleia Franca, Baleia Azul, Iara, Sapinhoá

and Júpiter

2009: Iracema and Nautilus



PRE-SALT TIMELINE



FPSO Cidade de São Paulo

September 2012: Baleia Azul 1st Oil January 2013: Sapinhoá Pilot 1st Oil

June 2013: Lula NE Pilot 1st Oil

2013: Declaration of Commerciality - Búzios, Sul de Lula

and Lapa

2014: First well to start production with Buoy Supporting

Risers (BSR)

September 2014: Declaration of Commerciality - Itapu,

Sépia, Sul de Sapinhoá

October 2014: Iracema Sul Pilot 1st Oil

November 2014: Sapinhoá Norte Pilot 1st Oil

December 2014: Declaration of Commerciality - lara and

Entorno de lara

Main Discoveries

2012: Franco NW, Tupi NE, Carcará and Sul de Guará

2013: Entorno de Iara, Sagitário, Florim and Sul de Tupi

2014: Florim 2 and Júpiter Apollonia

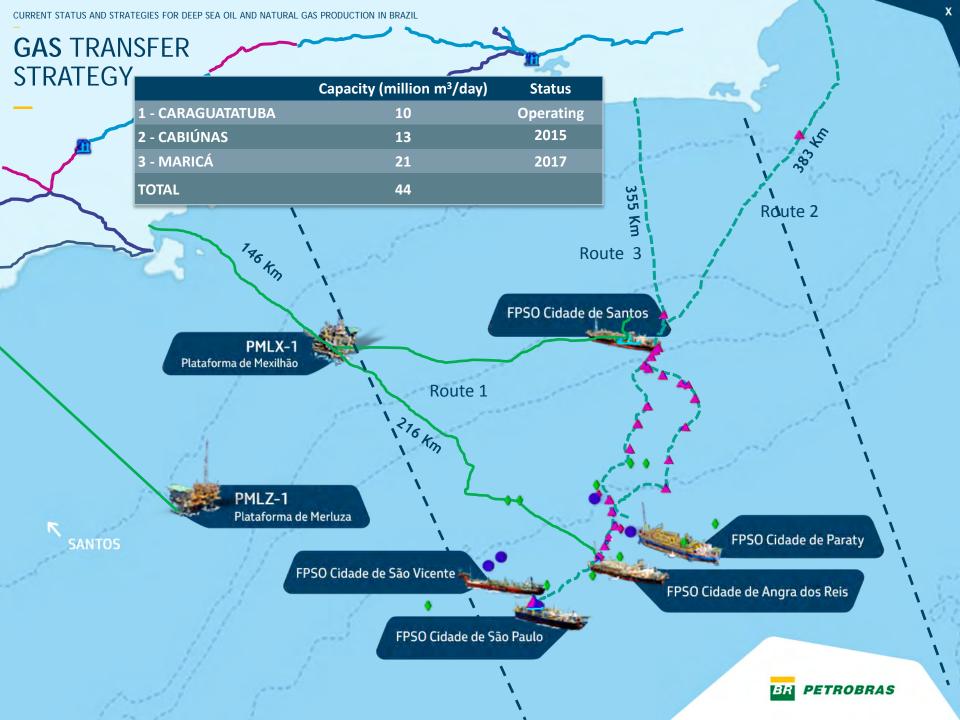
PRE-SALT POTENTIAL

* Declared volume operated by Petrobras Production Million bbl Shallow-water Deep/Ultra-deep water **Onshore** 800 700 15.9 bi boe 600 500 400 **Declared** 300 Recoverable Volume **Declared Recoverable Volumes** Lula: 8.3 billion boe Sapinhoá: 2.1 billion boe Lapa: 459 million boe Lula + Sapinhoá Transfer of Rights: 5.0 billion boe* + Transfer of Rights Total: 15.9 billion boe



^{*} Búzios, Sul de Lula, Sul de Sapinhoá, Sépia and Itapu: 4.4 bilion boe of recoverable volume estimated after declaration of commerciality







Production from the Pre-Salt area required the overcoming of four main technological challenges

Ultra-deep waters Presence of contaminants (CO2 and H2S) in the reservoirs Thick salt layer & very deep reservoirs Very heterogeneous carbonate reservoirs & seismic imaging complexity

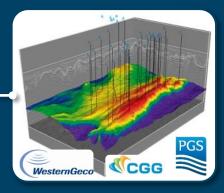
G&G technologies were key to see below the salt and increase recovery factor

MAIN TECHNOLOGIES APPLIED

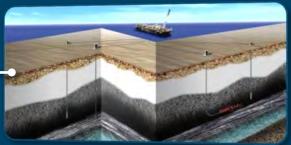
Characterization of poorlyknown microbial carbonate reservoirs



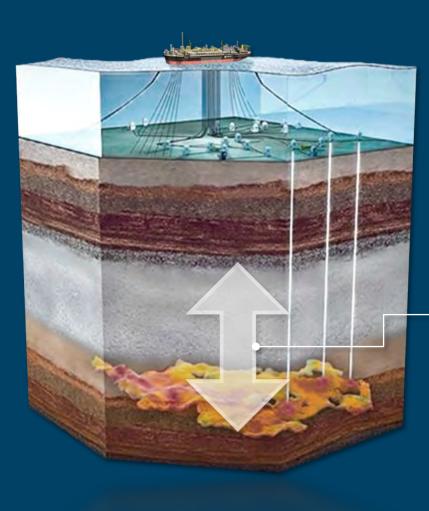
World record of high-density seismic technology: 21,700 km2



First use of alternated water-gas injection (WAG) in ultra-deep waters (2,200 m)



Production from the Pre-Salt area required the overcoming of four main technological challenges



- **D** Ultra-deep waters
- Presence of contaminants (CO₂ and H₂S) in the reservoirs
- Thick salt layer & very deep reservoirs
- Very heterogeneous carbonate reservoirs & seismic imaging complexity

Important well innovations to deal with a thick salt layer and unique reservoir characteristics

MAIN TECHNOLOGIES APPLIED

4

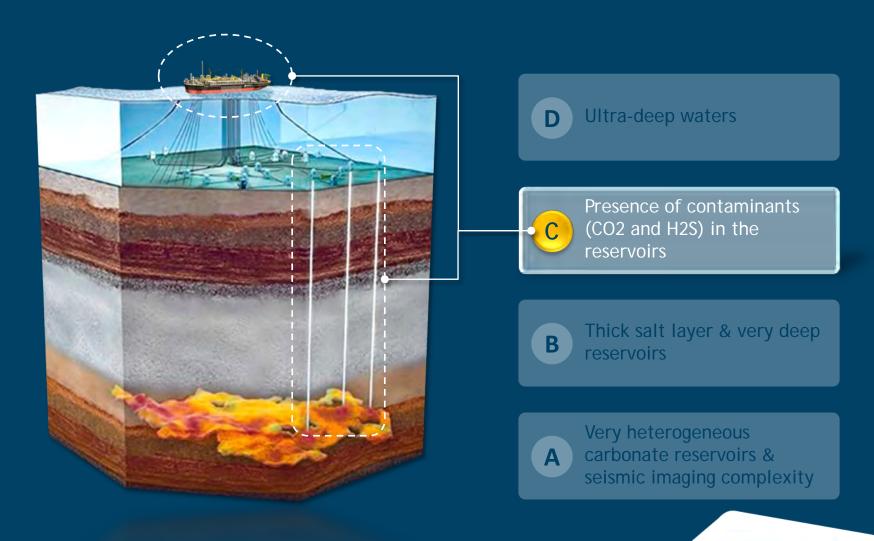
Water depth record (2,249 m) for a subsea well drilled with Pressured Mud-Cap Drilling (PMCD)



First intensive use of intelligent completion in ultra-deep water satellite wells in a scenario with high potential carbonate (CaCO3) scaling - 12 wells with this system installed



Production from the Pre-Salt area required the overcoming of four main technological challenges



New technologies were required to deal with the presence of contaminants (CO₂ and H₂S) in the reservoirs

MAIN TECHNOLOGIES APPLIED

First CO2 separation from associated natural gas in ultra-deep water (2,220 m) associated with CO2 reinjection into producing reservoirs



1st Unit: FPSO Cidade de Angra dos Reis 3rd Unit: FPSO Cidade de São Paulo

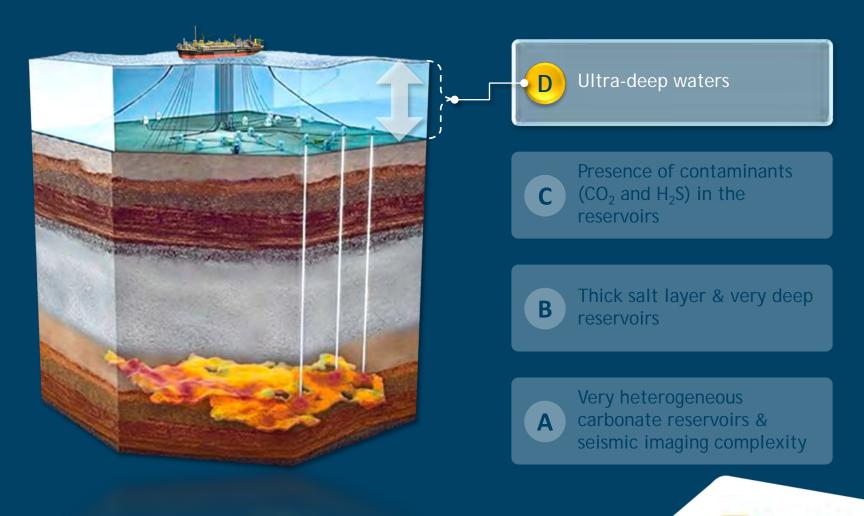


2nd Unit: FPSO Cidade de Paraty

Deepest offshore well
(2,220 m) injecting gas with
CO2 - CO2 injected gas
content can reach 85%



Production from the Pre-Salt area required the overcoming of four main technological challenges



Ultra-deep waters required the development of new and relevant

technologies for subsea systems

MAIN TECHNOLOGIES APPLIED

First Buoy Supporting Risers (BSR) (2,100 m) - 4 BRSs are already installed, with six wells in production up to July 2014

First Steel Catenary Risers

(SCR) with Lined Pipes
installed by reel lay method

Deepest Steel Lazy Wave
Riser (SLWR) totally
composed of lined pipes and
metallurgically clad pipes
(to be installed in 2015)









Ultra-deep waters required the development of new and relevant technologies for subsea systems

MAIN TECHNOLOGIES APPLIED

Deepest flexible riser installed in Lula field (2,220 m)

First application of flexible risers with integrated tensile armor wire-monitoring system

Subsea trees with standard mechanical interfaces













OFFLOADING

PRE-SALT SUBSEA SYSTEMS

Oil processing: 120,000 bbl/d Water injection: 150,000 bbl/d Gas Compression: 5 million m3/d

FPSO Cidade de São Paulo

Subsea SystemBuoy + flexible lines

Gas Export

Flexible Riser→ 54 km Pipeline SPH-LL → Route 1 → UTGCA

Wells

08 Producers (1 EXP & 1 RDA)
05 Injector (1 WAG, 1 GI, 3 WI)

Reservoir

API: 29°

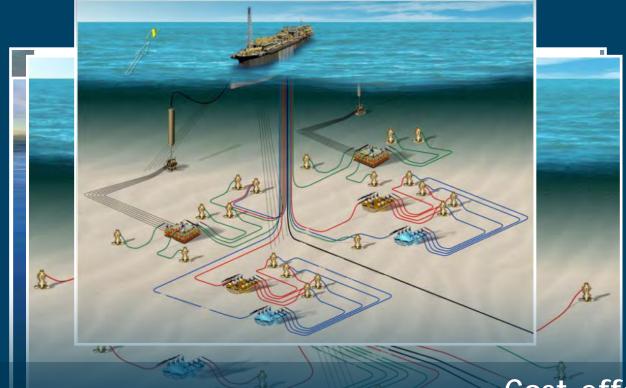
GOR: 215 m3/m3

CO2: 18%

VOIP = 1620 MM bbl



TECHNOLOGICAL HIGHLIGTHS - SUBSEA



Safety and reliable subsea systems

Cost-effective for ultra deep water projects

PRE-SALT SUBSEA SYSTEMS

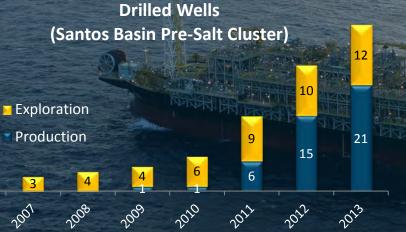


TECHNOLOGICAL HIGHLIGTHS - FPSOs





MAIN RESULTS SANTOS BASIN PRE-SALT CLUSTER



Operating Rigs
(Santos Basin Pre-Salt Cluster)



100%
Exploratory
success in 2013

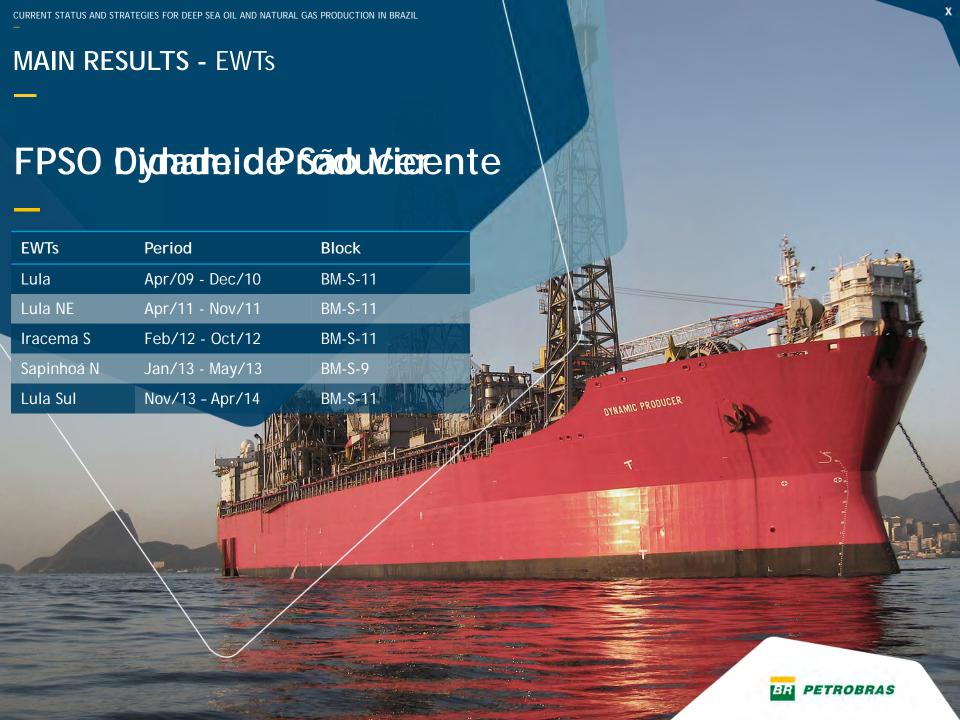
Reference: Dez/2013 *Only operated wells

Time to reach a production of 500,000 bopd











MOST RECENT PRODUCTION SYSTEM ON STREAM

FPSO Cidade de Mangaratiba (Santos Basin)

On stream since October 14th



MOST RECENT PRODUCTION SYSTEM ON STREAM

FPSO Cidade de Ilhabela (Santos Basin)



TECHNOLOGICAL HIGHLIGTHS - WELLS

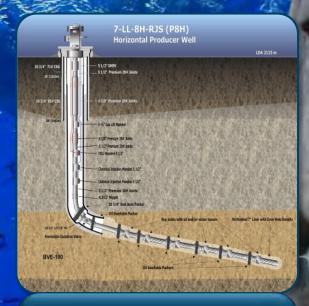
92 days:

drilling + completion record

(Aug/2014)

Safe and reliable wells

Cost-effective and high productivity wells for pre-salt conditions



First Pre-salt Horizontal Well LL-8H - Lula Pilot



2014-2018 PROJECTS PERSPECTIVES

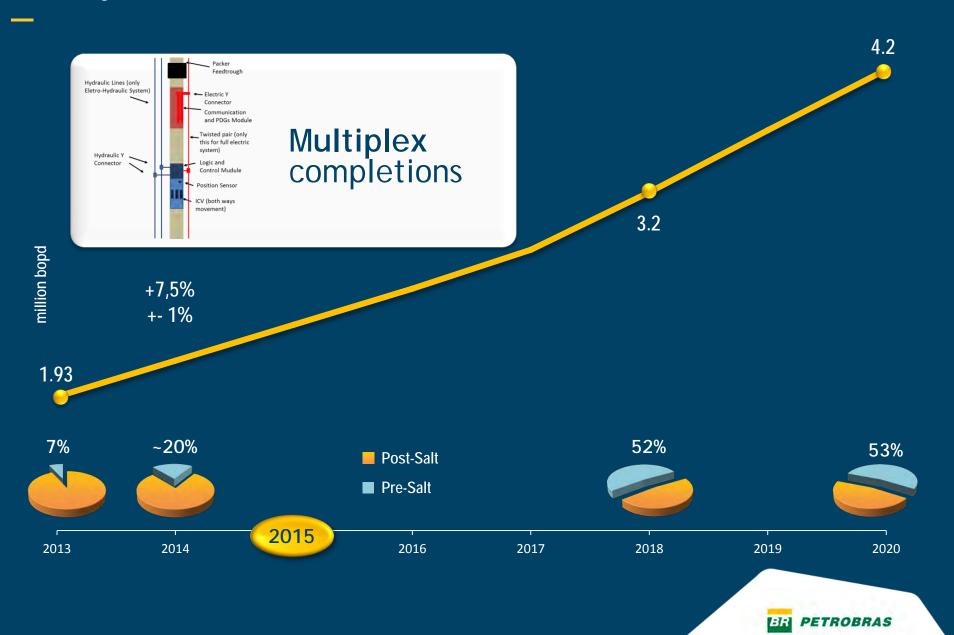
FPSO Cidade de Itaguaí

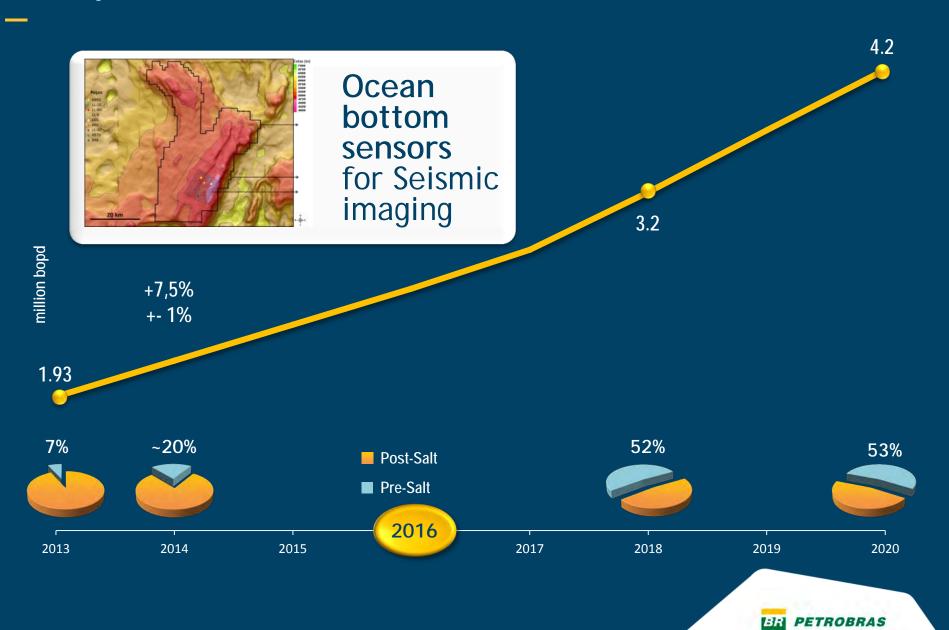


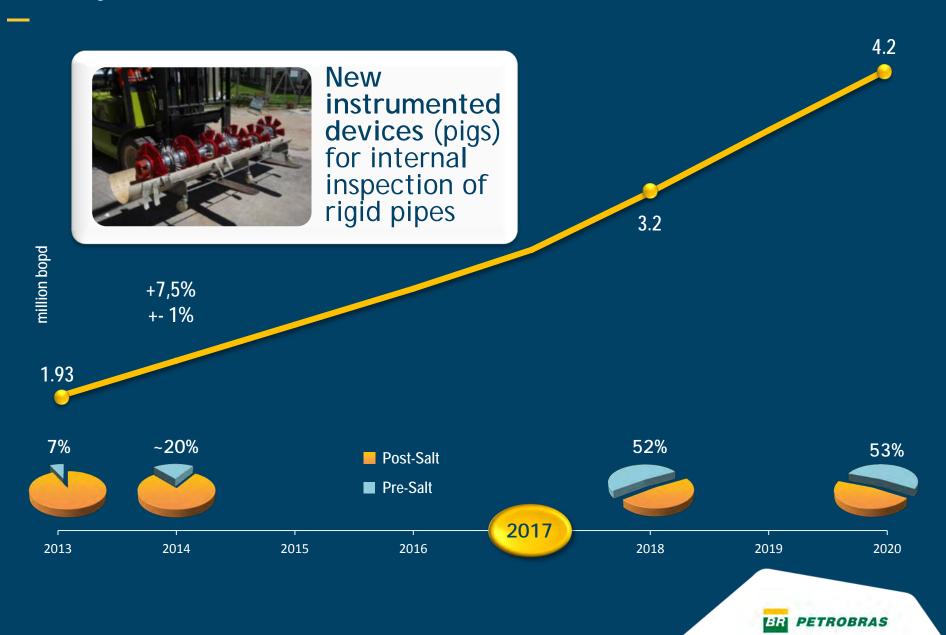












4.2 million bopd

Petrobras Production in Brazil

3.7 million bopd

million bopd

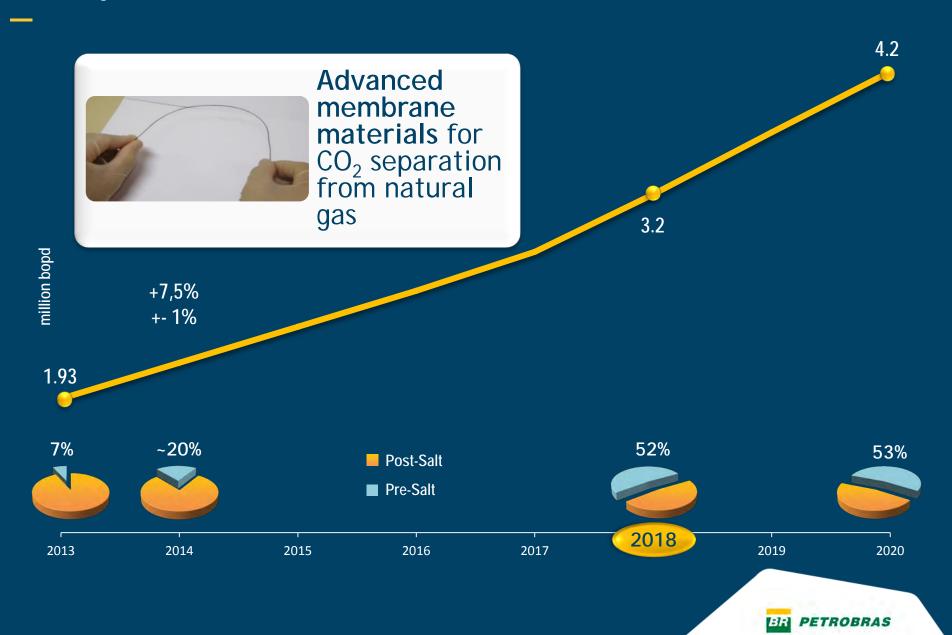


2020-2030

ER PETROBRAS

2030

2020



4.2 million bopd

Petrobras Production in Brazil

3.7 million bopd







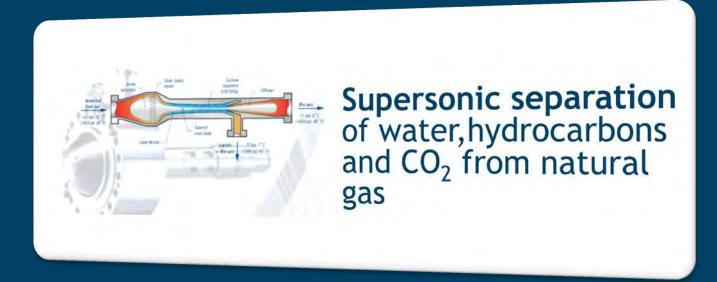
Subsea processing: Subsea Separation and Pumping

4.2 million bopd

Petrobras Production in Brazil

3.7 million bopd

million bopd



2020-2030 2030



4.2 million bopd

Petrobras Production in Brazil

3.7 million bopd



Nanotechnology applied for increasing reservoir recovery and materials

million bopd

2020

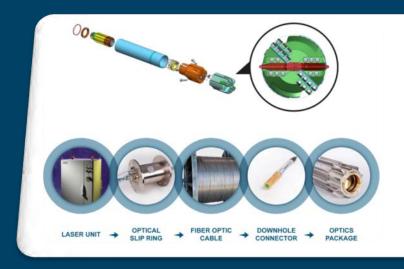
PETROBRAS

4.2 million bopd

Petrobras Production in Brazil

3.7 million bopd

million bopd



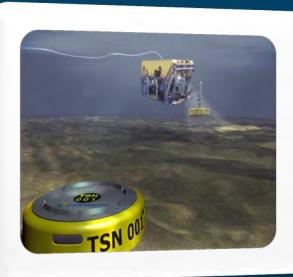
Laser drilling

4.2 million bopd

Petrobras Production in Brazil

3.7 million bopd

million bopd



Potential PRM (Permanent Reservoirs Monitoring) Multiphysics for Pre-Salt Reservoirs

million bopd

The way forward to 2030 - Petrobras Oil Production

4.2 million bopd

Petrobras Production in Brazil

3.7 million bopd

Potential WAG expansion for Pre-Salt reservoirs



4.2 million bopd

Petrobras Production in Brazil

3.7 million bopd



2020



High Pressure Separation (HighSep) for bulk CO₂ removal



2030

4.2 million bopd

Petrobras Production in Brazil

3.7 million bopd

million bopd

2020



Large Capacity FPUs

PETROBRAS

