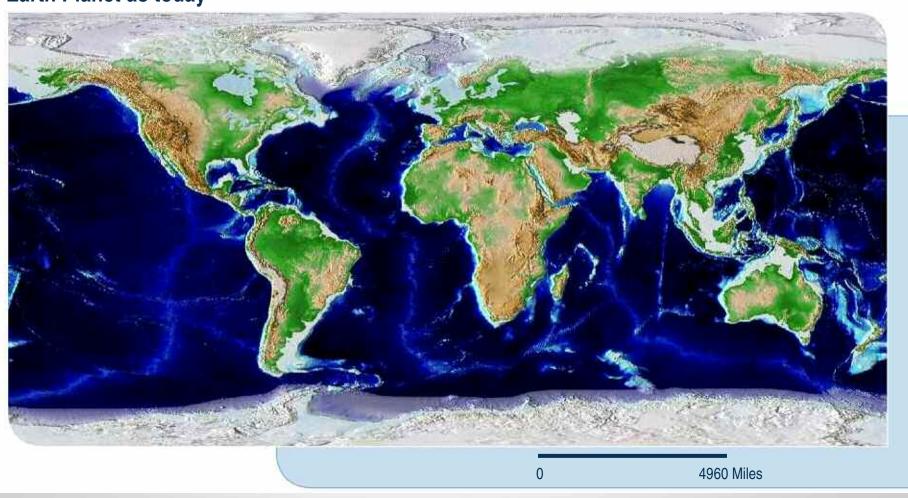


CSIS

EARTH DEVELOPMENT

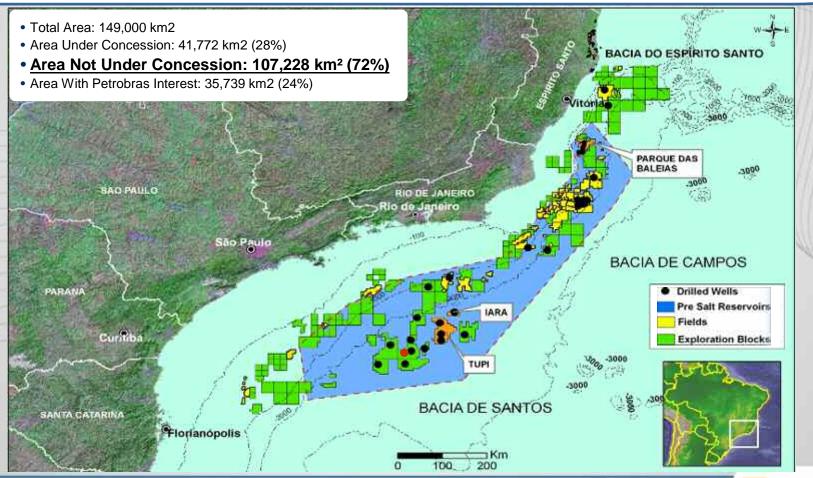
Earth Planet as today



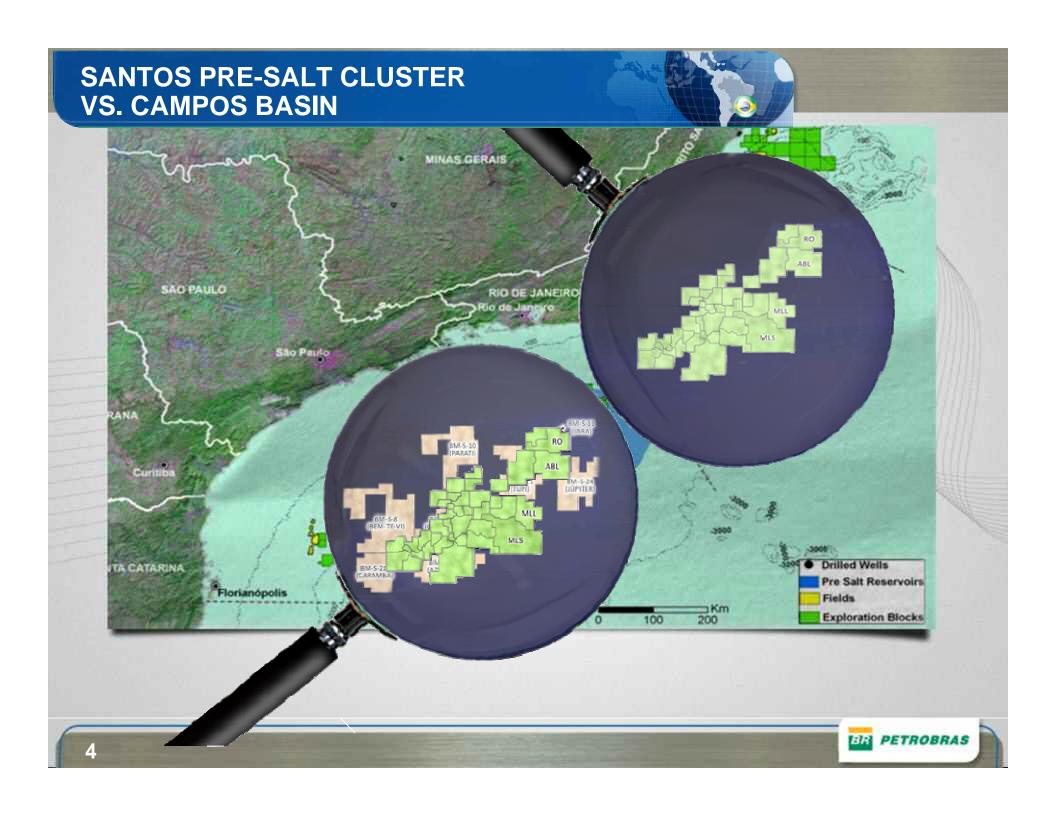
SINBPA/Petrobras - Scotese

THE PRE-SALT REGION

- The big blue area represents the expected Pre-salt location, with great potential for oil presence
- Currently, there is a production acceleration program in Jubarte (Whales' Park) and an extended well test in Tupi (Santos Basin)

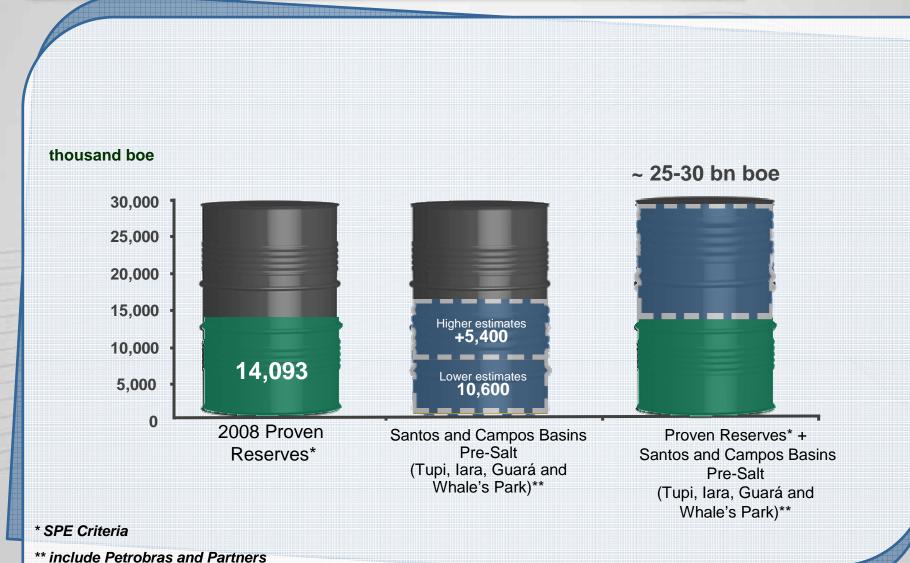






ANNOUNCED RECOVERABLE VOLUMES IN SANTOS AND CAMPOS BASINS PRE-SALT







PRE-SALT ACCOMPLISHMENTS TIMELINE

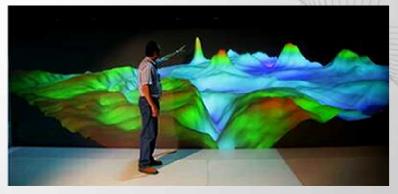


2000 2001 2002 2003 2004 2005 2006 2007 2008 2009

2000-2001: BIDs 2 and 3: Acquisition of Santos Basin Pre-Salt blocks

2001-2004: Largest seismic acquisition and interpretation in the world





PRE-SALT ACCOMPLISHMENTS TIMELINE





2000-2001: BIDs 2 and 3: Acquisition of Santos Basin Pre-Salt blocks

2001-2004: Largest seismic acquisition and interpretation in the world

2005-2006: 1st wildcat well: Parati

11 exploratory wells drilled to date by Petrobras as operator: 100% success rate in Santos Basin Pre-Salt Cluster

2009: Santos Basin Pre-Salt First Oil: Tupi EWT (May 1st)

PRE-SALT ACCOMPLISHMENTS TIMELINE



2008 2009 2010 2011 2012 2013 2014 2015 2016

Phase 0:Information gathering, Appraisal wells, Small scale production (EWTs)

Last Updates 2009:

- 5 Rigs currently working in the cluster:
- 3 are drilling new wells —TUPI NORDESTE + TUPI SUL P1 wells for EWT/Pilot in BMS-11 + ABARÉ in BMS-9;
- 2 are doing Formation Tests IARA and GUARÁ;
- 2 new rigs will be allocated to the pre salt cluster shortly.



PRE-SALT – Managing Reservoir Uncertainties

Reservoir Quality Predictability

- best EOR method

Subsea Layout

Production System Integrity

Production System Integrity

Flexible FPSOs Topsides

CO2 Processing and Treatment

Flow Assurance



10 NEW FPSOS



Phase 1A - Projects

Phase 1a: 1st phase of definitive development,

- Use of consolidated or rapidly-consolidating technologies to achieve production targets
- Generate cash-flow to support Phase 1b

First 2 FPSOs to be chartered (2013-2014)

- Oil Production: 120,000 bpd
- Gas Compression: 5 M m³/d

Additional 8 FPSOs (2015-2016)

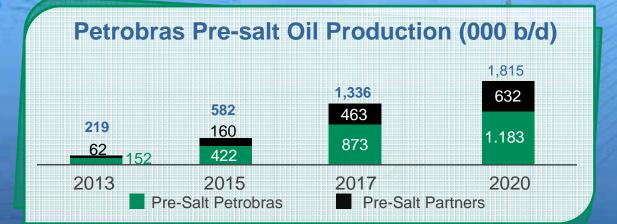
- Construction of the hulls at the Rio Grande Shipyard
- All identical units, manufactured in series
- Process plant under study:
 - Oil Production: 150,000 bpd
 - Gas Compression: 5.5 M m³/d
 - Water-Alternating-Gas injection capability

Phase 1B - Projects

- 2nd phase of definitive development
- Significant production increase
- Innovation acceleration
- Massive use of new technologies specially tailored for Pre-Salt conditions



PRE-SALT OIL PRODUCTION



Pre-salt Capex Through 2020		
	2009-2013	2009-2020
Petrobras Total Pre-salt Capex (Production Development)	28.9	111.4
Santos Basin Pre-salt	18.4	98.8
Espírito Santo Pre-salt (includes post-salt fields)	10.3	12.6



E&P REGULATORY FRAMEWORKPre-Salt and Strategic Areas





Petrobras 100%

Petrobras Operator

Other companies
Trough Bidding
Process

Pre-salt and Strategic Areas





Other Areas

Current Concession Model

There will be no regulatory changes in the areas under concession, including the pre-salt area already granted



PRODUCTION SHARING AGREEMENTS



- Petrobras will operate all blocks under this regime, with a minimum stake of 30%
- Consortium between Petrobras, Petro-sal and the winning bidder will be managed by the Operational Committee
- Petrobras will be able to participate in the bidding process to increase its stake

Profit Oil

Companies



Government



- The winning bidder will be the company that offers the highest percentage of "profit oil" for the Brazilian Government
- Petrobras will have to follow the same percentage offered by the winning bidder
- The Brazilian Government will not assume the risks of the activities, except when it decides to invest directly
- Prior to contracting, the Government may evaluate the potential of the areas and may contract Petrobras directly

Cost Oil



PETROBRAS'

The value of capitalization could be up to a maximum of 3 times the value of the oil reserves transferred

Appraisal of reserves in R\$

Petrobras' increase in capital

by the ESM)

Petrobras will receive cash from minority shareholders

Petrobras will pay the transfer of rights with compensation to the federal govt



- Brazilian Government would make a capital contribution with public debt issuances, priced at market value
- Petrobras would simultaneously pay the Brazilian Government for the reserves with the same securities
- Any cash from minority shareholders will be retained within Petrobras

E&P TRANSFER OF RIGHTSWITH COMPENSATION



- Government may transfer to Petrobras, for compensation, without bidding, the rights to explore and produce oil in the pre-salt areas not under concession. These areas may or may not be contiguous
- Transfer of rights limited to a maximum produced of 5 billion boe. Petrobras will be the owner of produced volumes
- Oil values shall be determined by technical reports prepared by qualified third parties contracted by the government (ANP) and Petrobras, taking into account best industry practices
- The transaction includes a clause of reappraisal of reserves value with a maximum deadline of 24 months
 - If the value of appraisal rises, Petrobras will pay the difference to the Government. If price falls, the contrary will happen
- Royalties will be paid by Petrobras and distributed according to the Law none
 9.478/97. No special participation payment is expected



TRANSFER OF RIGHTS APPRAISAL



Appraisal need to consider

- Oil Volume
- Production Curve
- Capex
- Production Costs
- Discount Rate
- Fiscal Environment (government participation)
- Reserves development/ Knowledge
- Future Oil prices

