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Gás Natural e Biocombustíveis



# Public Hearing

## Brasil Round 8

**Nelson Narciso**

Director

Agência Nacional do Petróleo, Gás Natural e  
Biocombustíveis

**August 28**



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# PROGRAM



- The Purpose of Bidding Rounds
- Past Bidding Rounds
- The Importance of Bidding Rounds
- Brazilian Overview – Oil and Gas
- Brazil Round 8



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# THE PURPOSE OF BIDDING ROUNDS



- Bring investors in energy production
- Increase the number of jobs / national industry
- Promoting the development
- Recover the energetic recourses
- Reduce the external dependency



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# PAST BIDDING ROUNDS



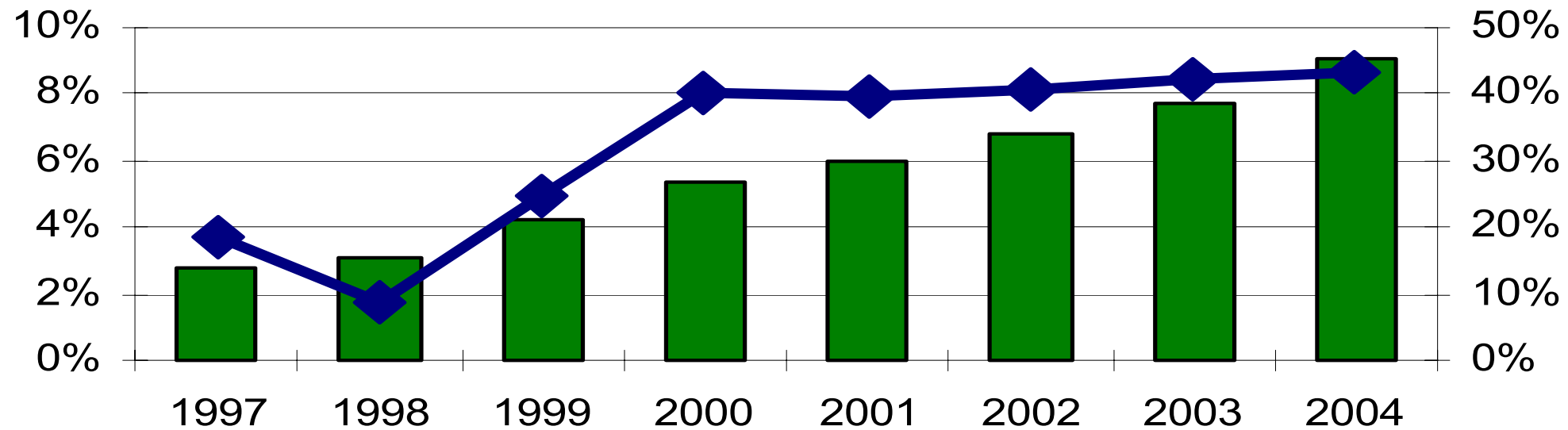
- 1999 to Aug/2006
  - R\$ 3.3 billion in signature bonus
  - 558 blocks under concession
  - 300 Thousand square kilometers (4.7% of sedimentary basins)
  - High commitment to local content
  - Minimum Estimated Investments (2006-2010) = US\$ 30.7 Billion



# THE IMPORTANCE OF BIDDING ROUNDS



## OIL AND GAS SECTOR/GROSS DOMESTIC PRODUCT EXPLORATION AND PRODUCTION/OIL AND GAS SECTOR



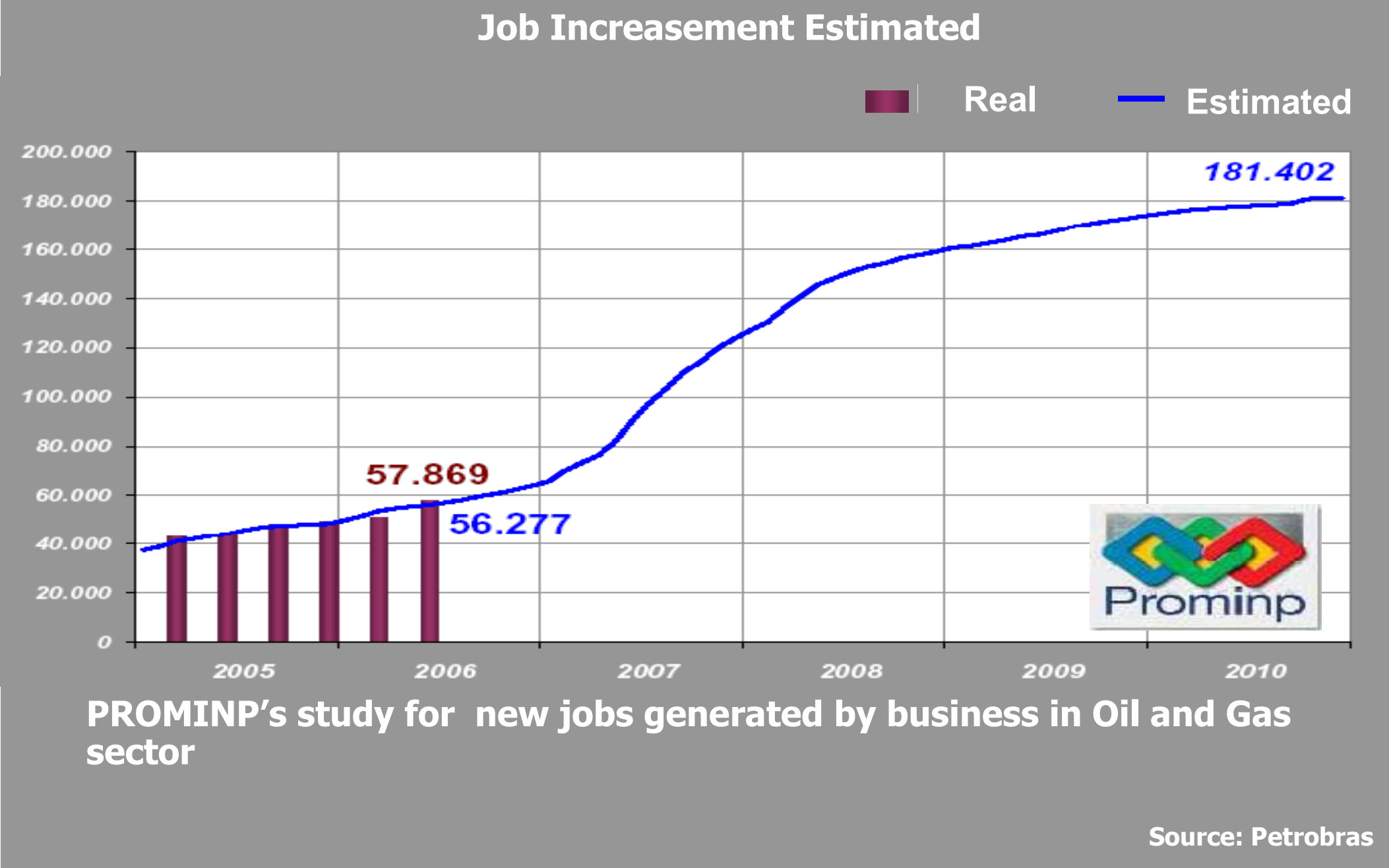
Source: ANP  
 Nota Técnica SPP

Oil & Gas/GDP E&P/Oil & Gas

- Oil and Gas Sector growth in the GDP, from 2.7% in 1997 to 9% in 2004
- Increase of E&P in Oil and Gas Sector, from 18% in 1997 to 45% in 2004



# THE IMPORTANCE OF BIDDING ROUNDS

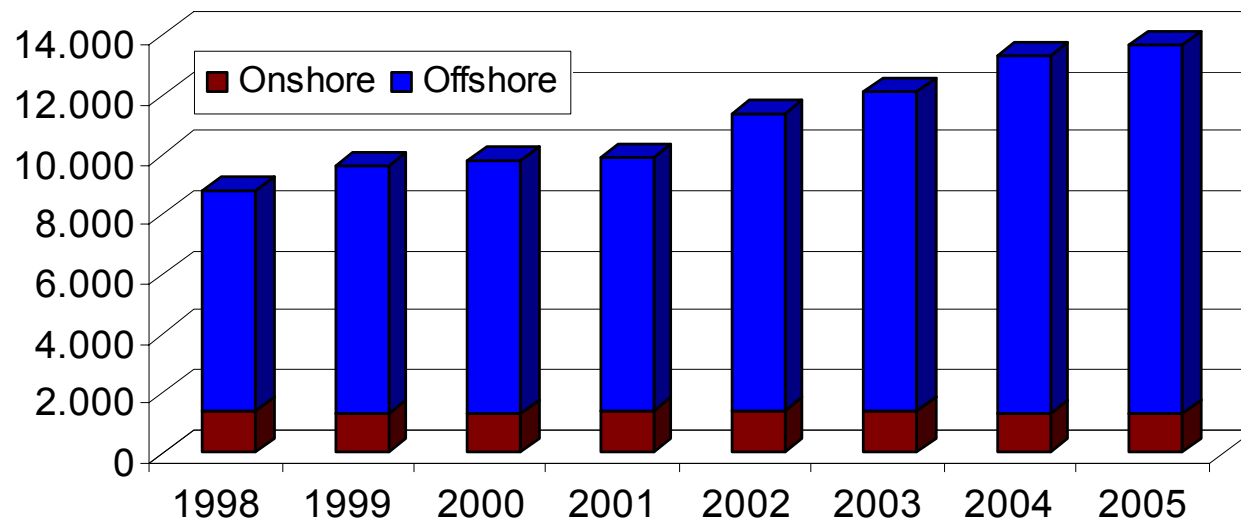




# THE IMPORTANCE OF BIDDING ROUNDS



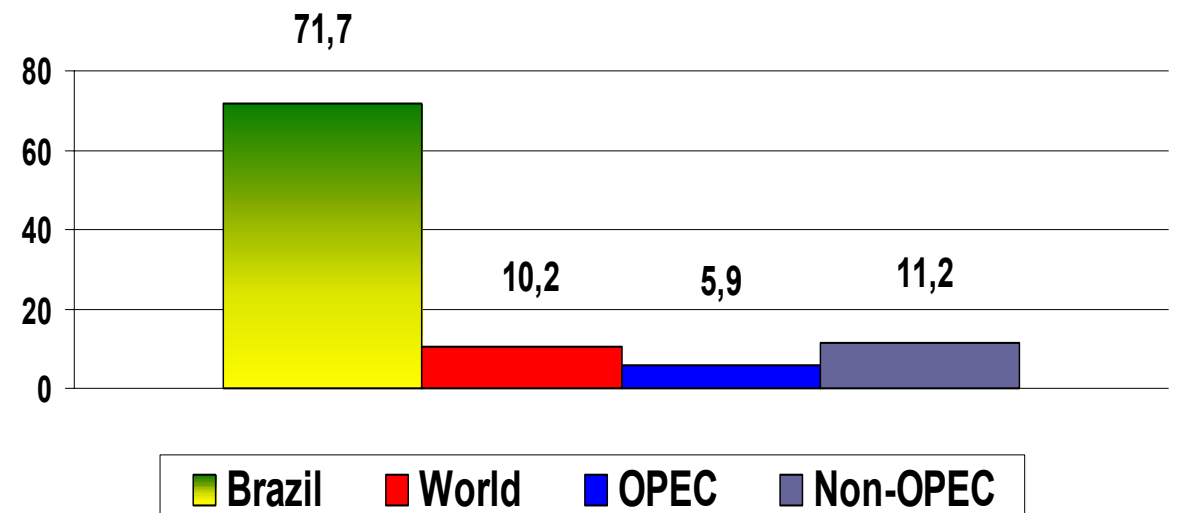
**PROVEN TOTAL RESERVES - ONSHORE & OFFSHORE (million boe) 1998 - 2005**



**Increase of 56 %**

Source : BP

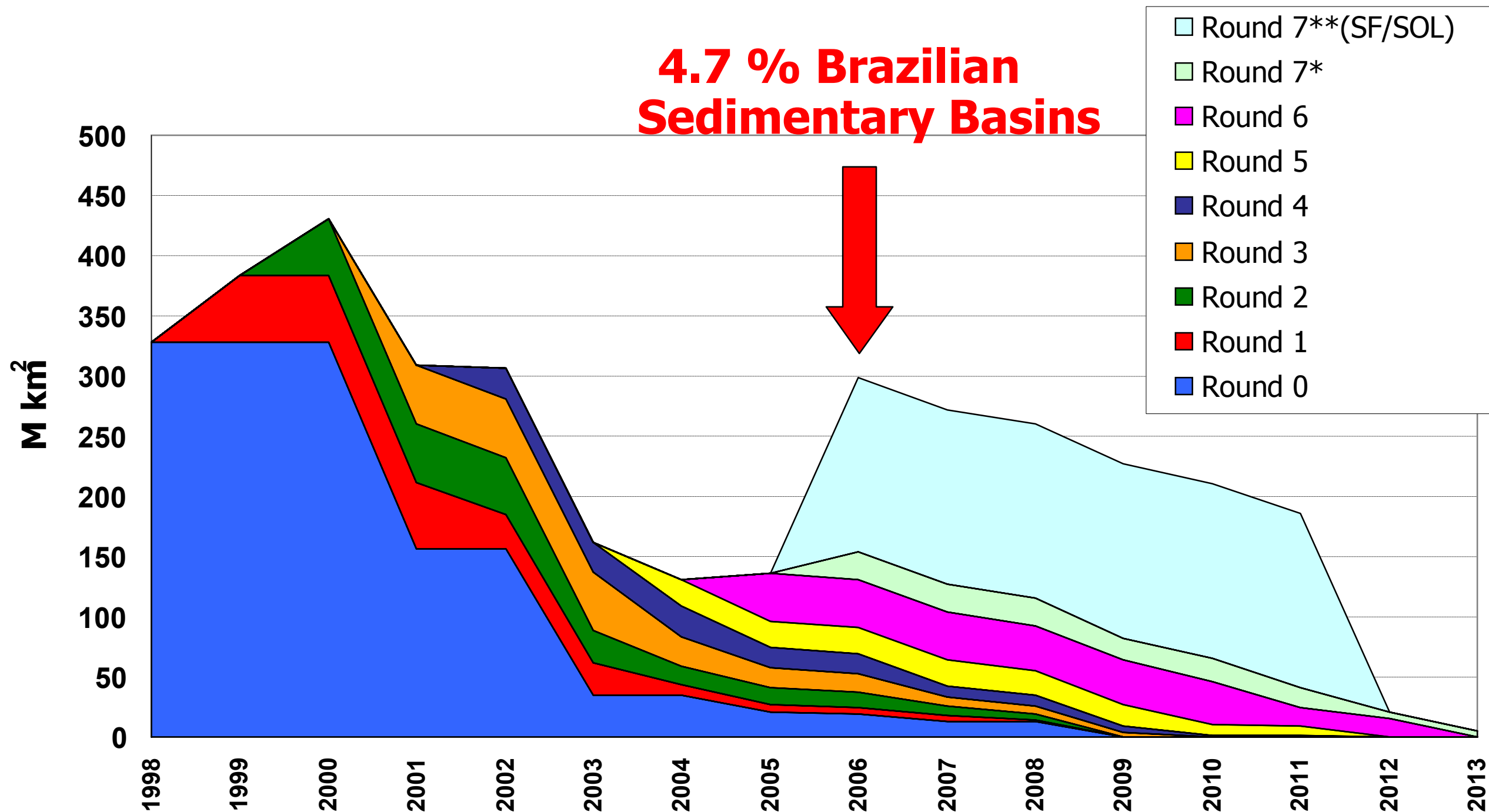
**GROWTH OF PROVEN RESERVES OF OIL AND GAS (%) 1998 - 2005**



Source : BP



# EXPLORATORY AREA UNDER CONCESSION



Source: ANP

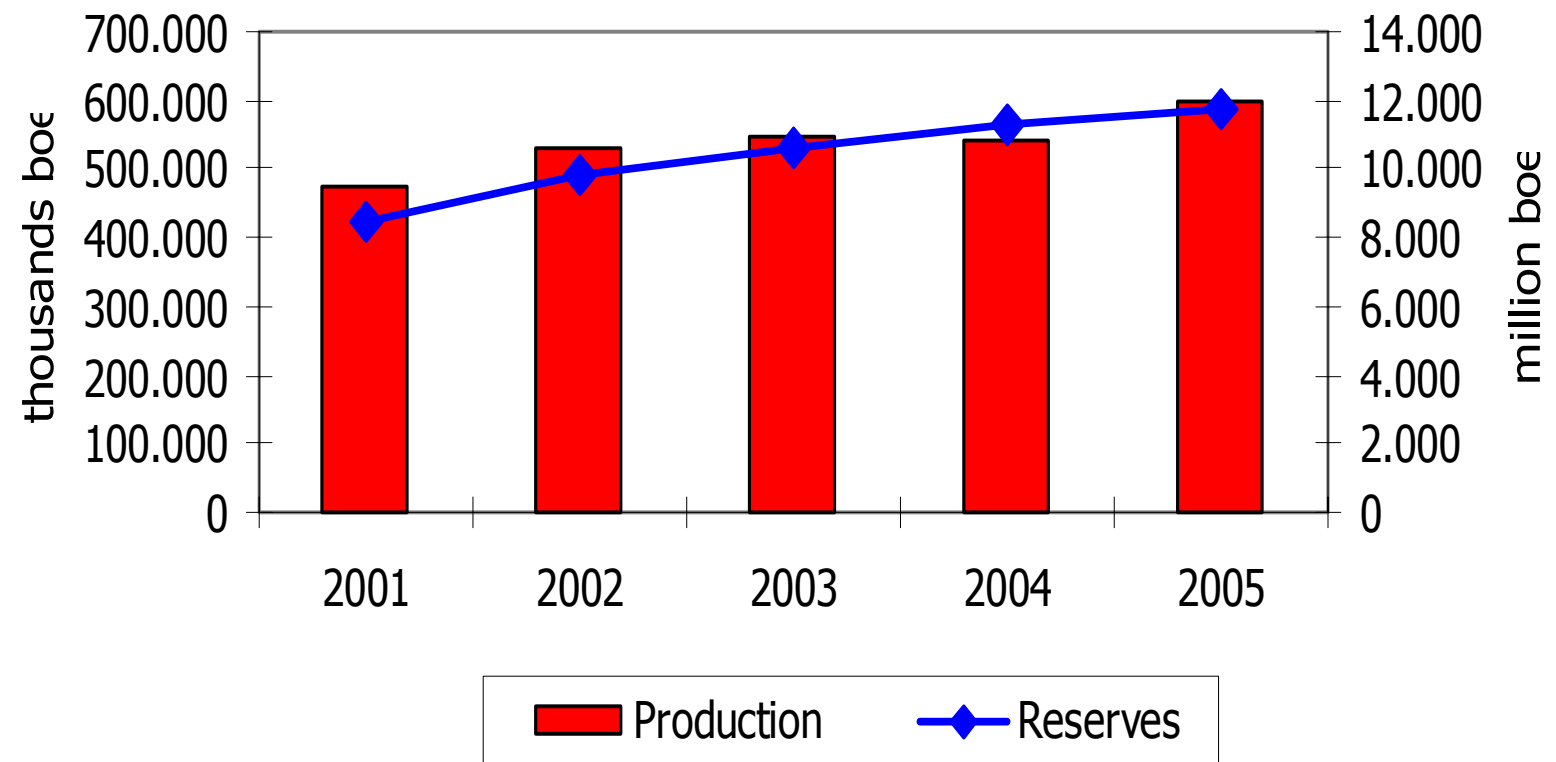


# OIL BRAZIL OVERVIEW



## 2005

- Reserves – 11.8 Billion barrels
- Production – 624.15 Million barrels/year  
(1.71 Million barrels/day)
- R/P – 18.8 year
- Consumption – 660.65 Million barrels/year  
(1.81 Million barrels/day)
- Self-sufficiency – 2006



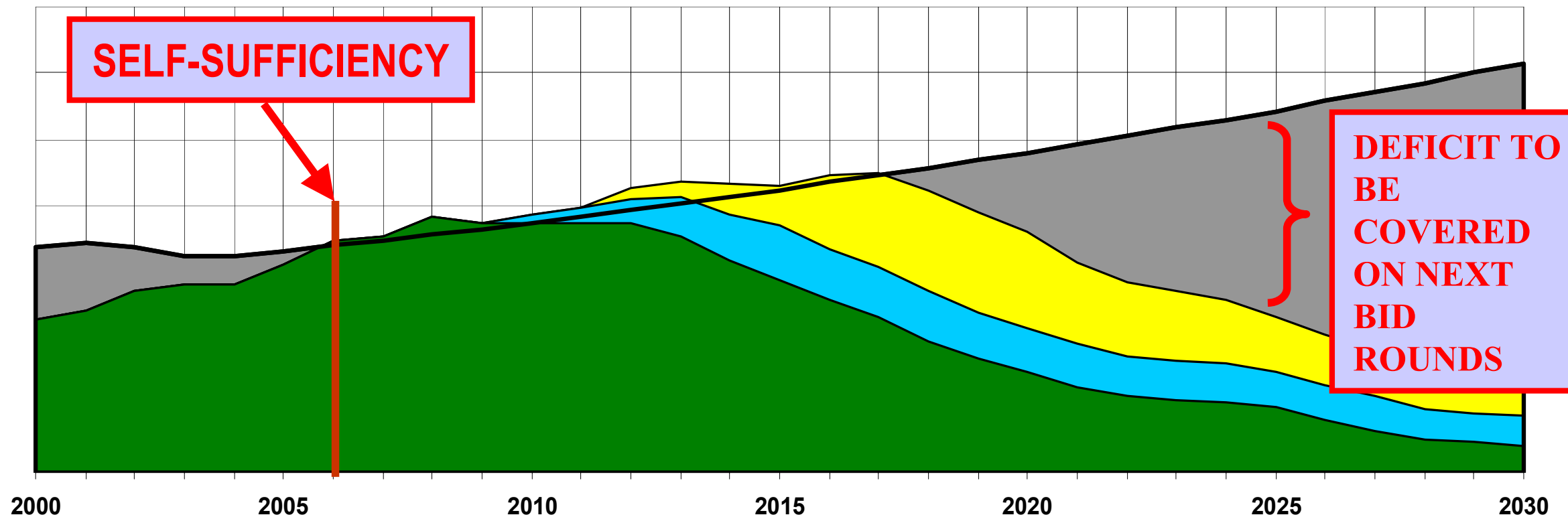
Source: ANP



# OIL DEMAND X SUPPLY



**Demand x Supply (Oil)**

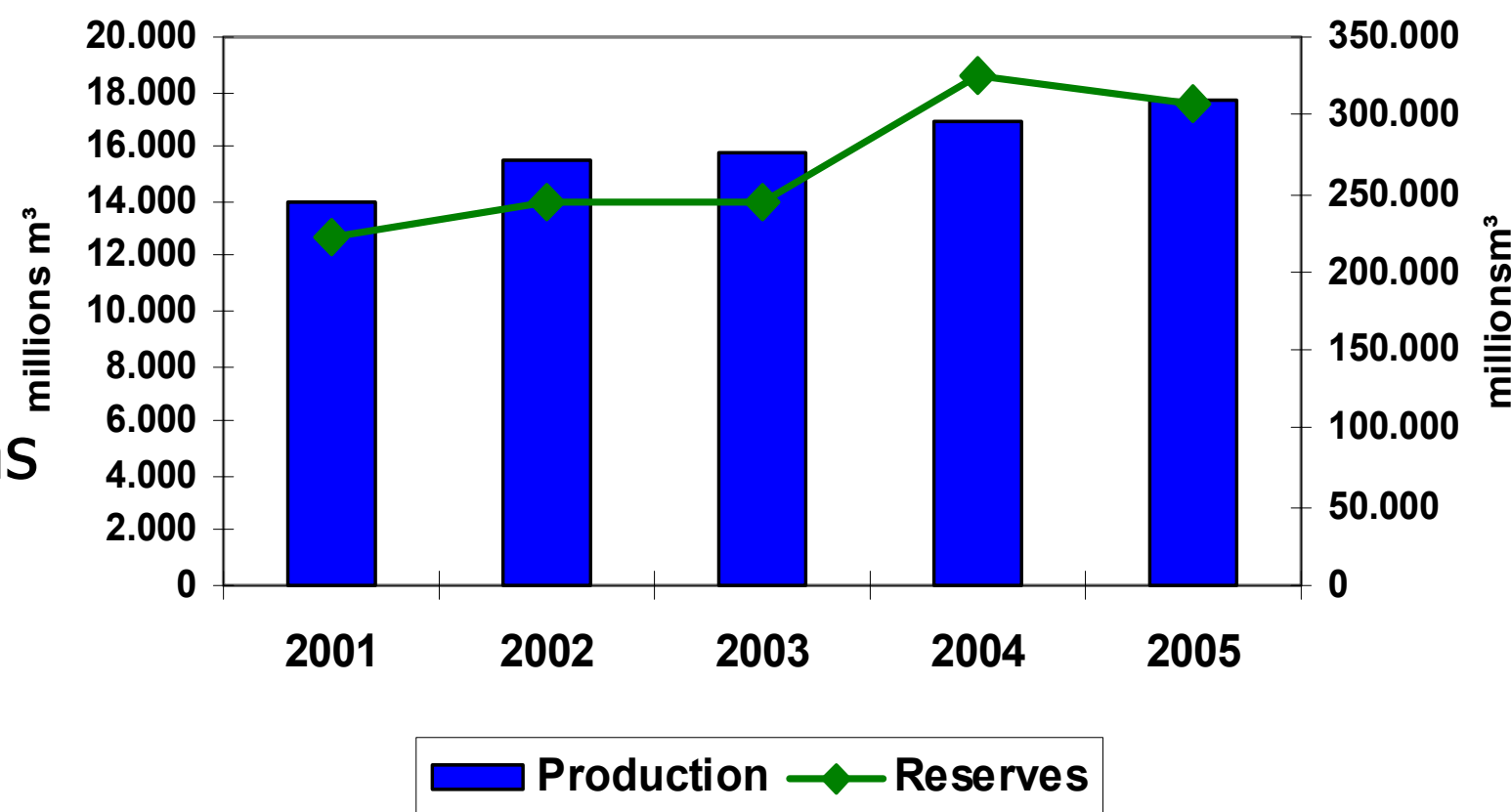


■ Consumption    ■ R1 - R7    ■ Evaluation & Development Plans    ■ Production

Source: ANP

## 2005

- Reserves – 306 Billion m<sup>3</sup>
- Production – 11.39 Billion m<sup>3</sup>/year  
(31.2 Million m<sup>3</sup>/d)
- Imports – 8.42 Billion m<sup>3</sup>/year  
(24.4 Million m<sup>3</sup>/d)
- Consumption – 20.18 Billions m<sup>3</sup>/year  
(55.3 Million m<sup>3</sup>/d)
- R/P – 27 years

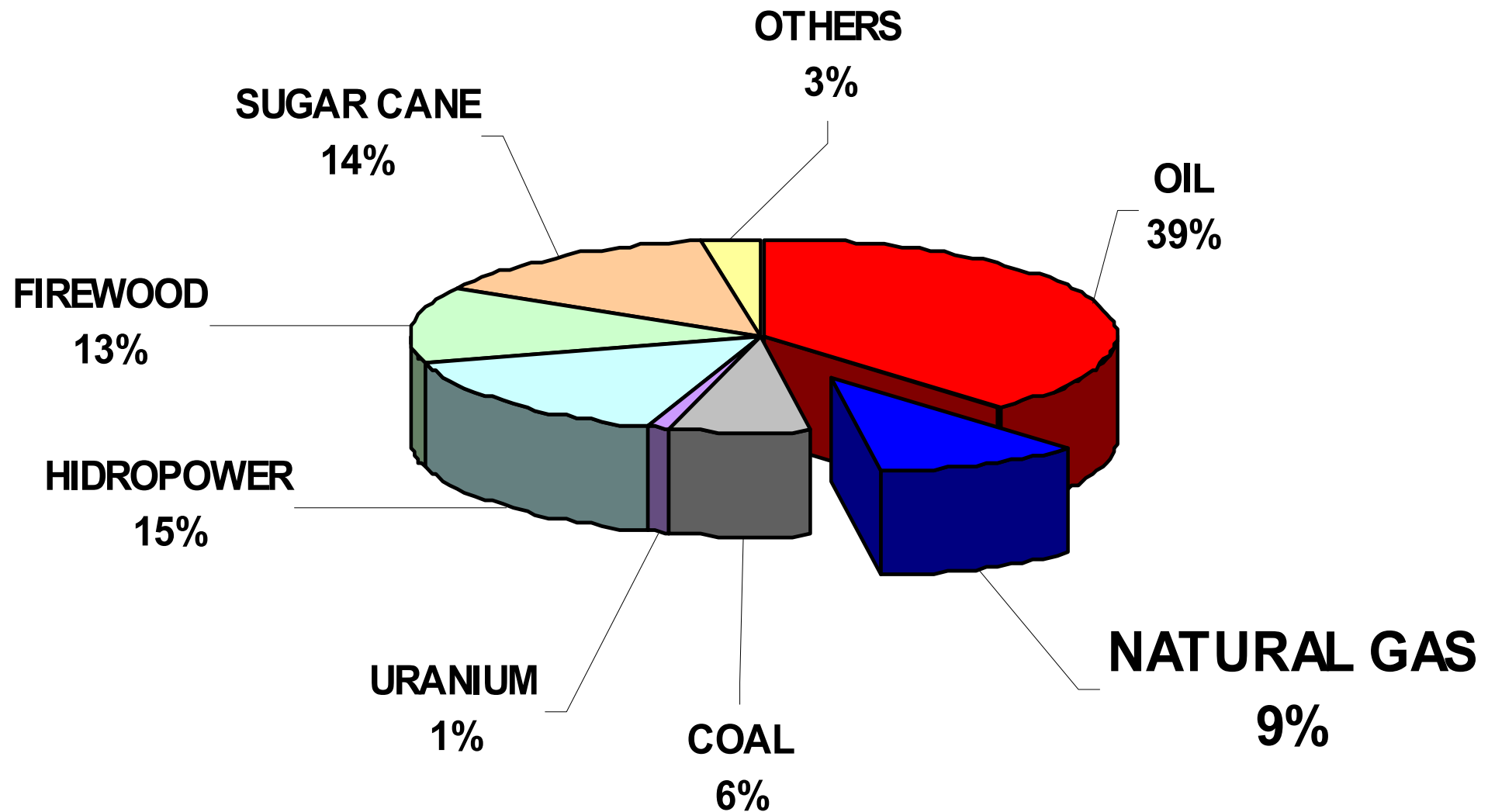


Source: ANP



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# NATURAL GAS BRAZILIAN ENERGY MATRIX



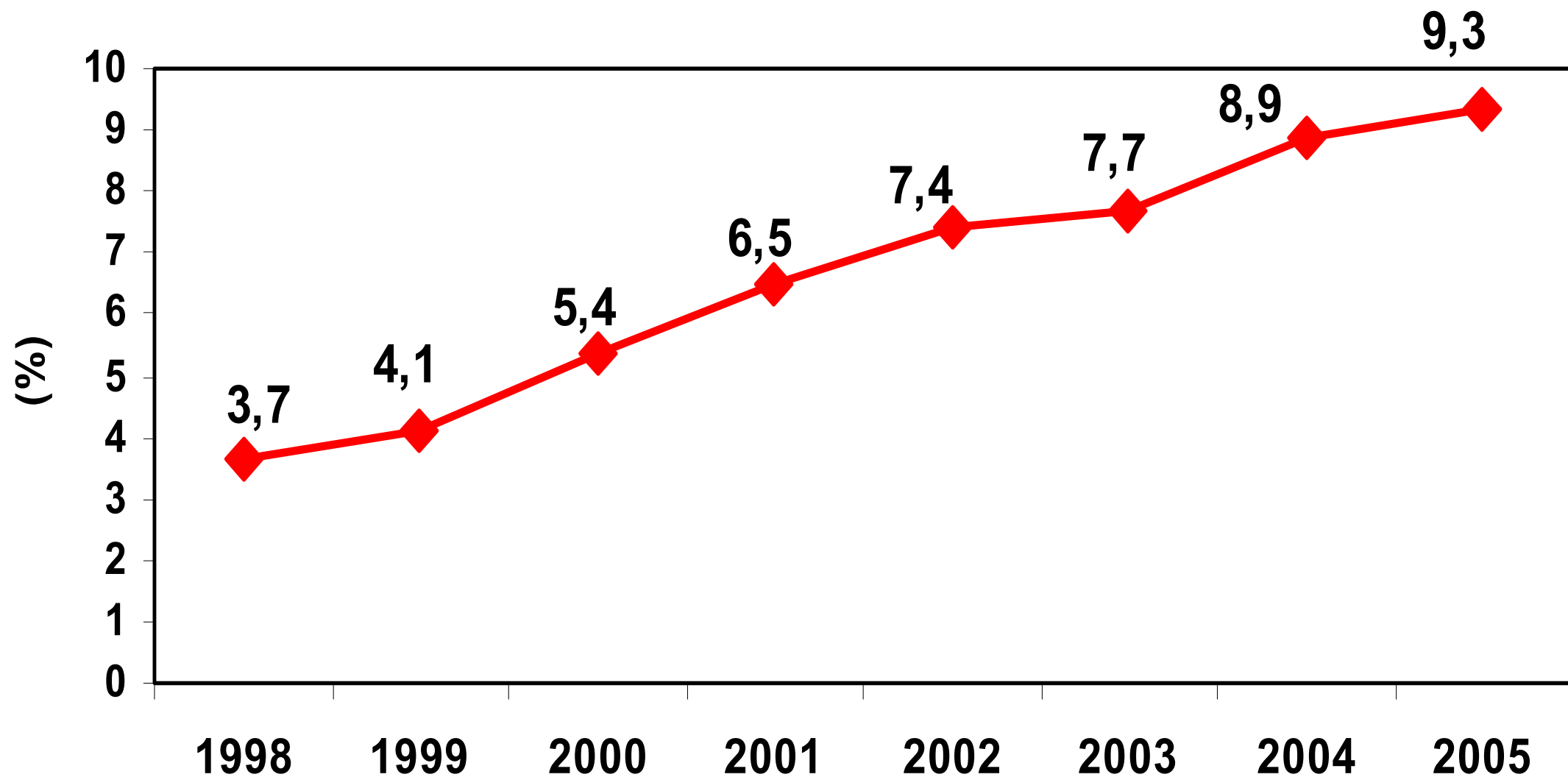
Source: BEN 2006



# NATURAL GAS BRASILIAN ENERGY MATRIX



## Natural Gas Evolution



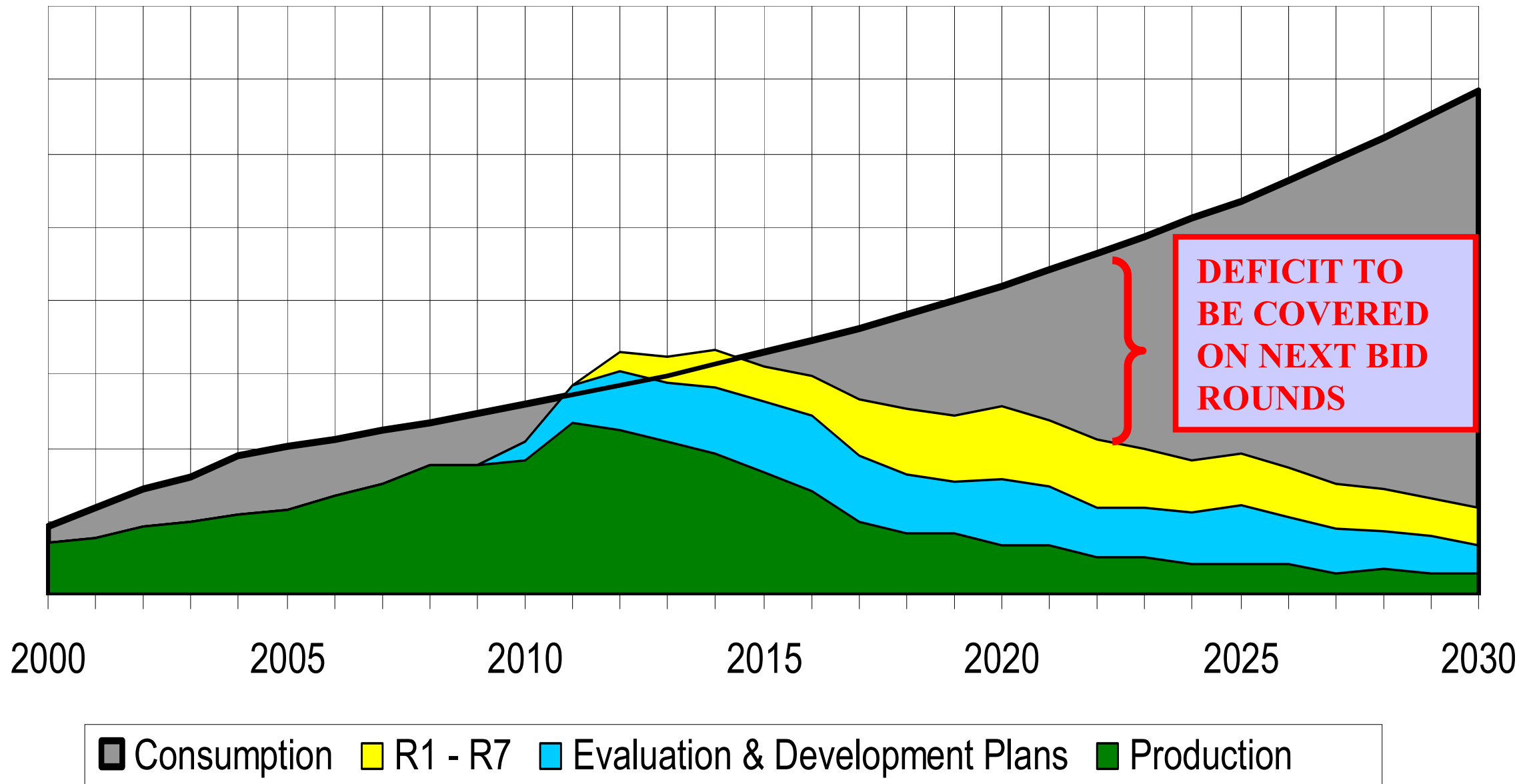
Source: BEN 2006



# GAS DEMAND X SUPPLY



**Demand x Supply (Gas)**



Source: ANP

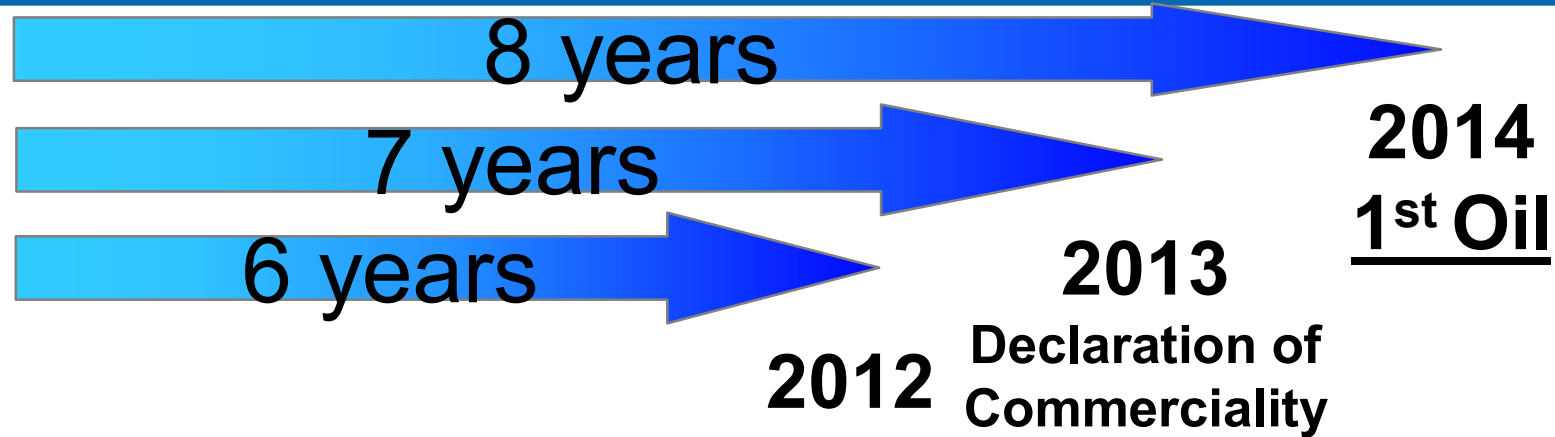


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# BRASIL ROUND 8 E&P PROJECTS



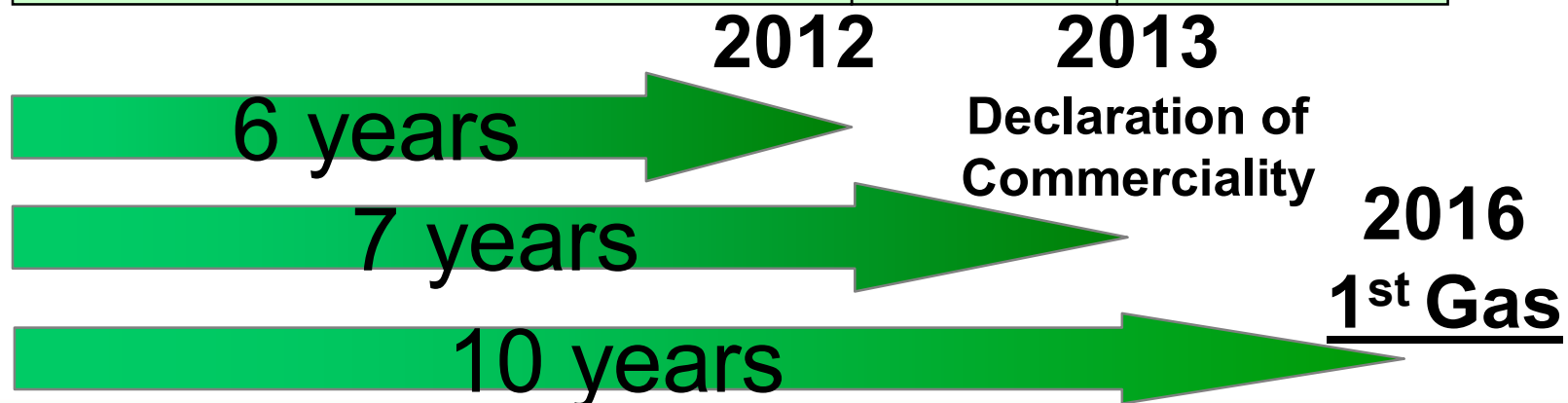
**OIL**



**2006**  
 Basil Round 8



**NATURAL  
 GAS**



Source: ANP

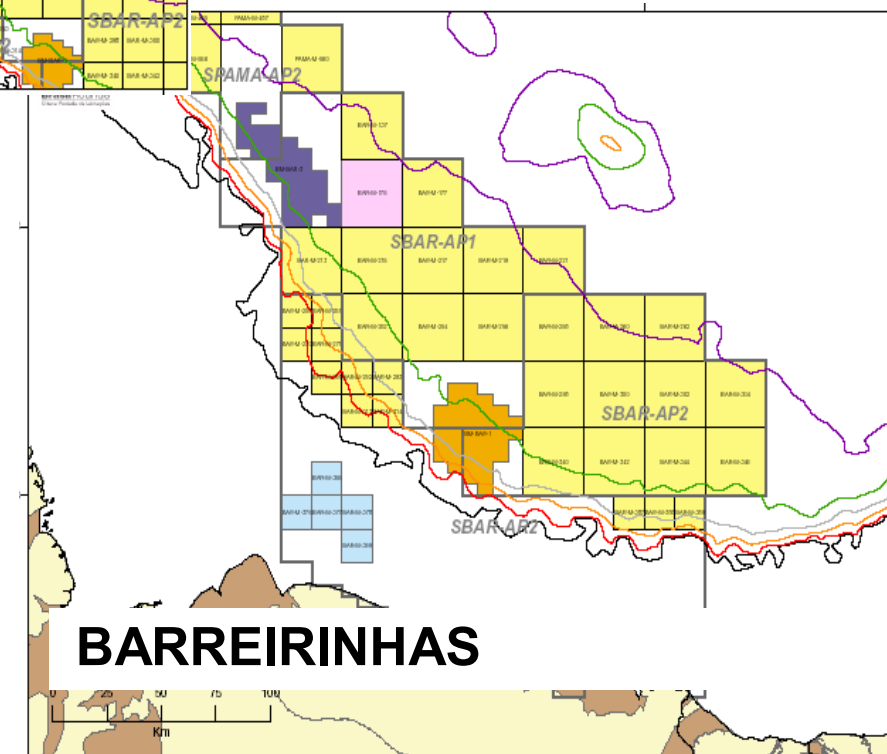
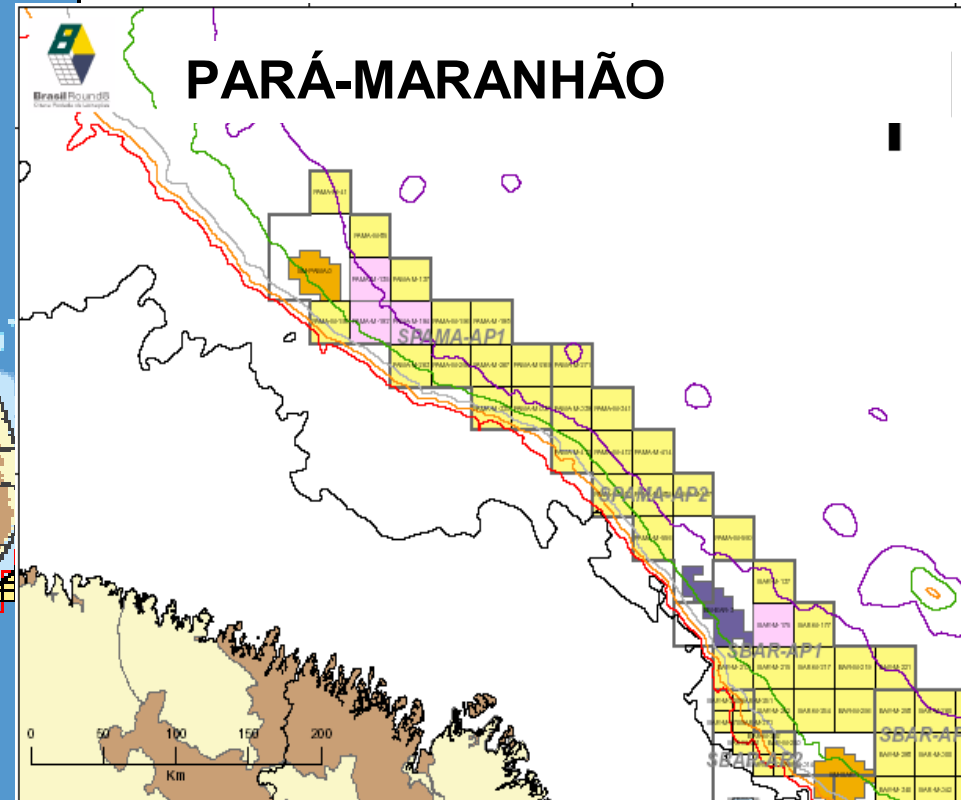
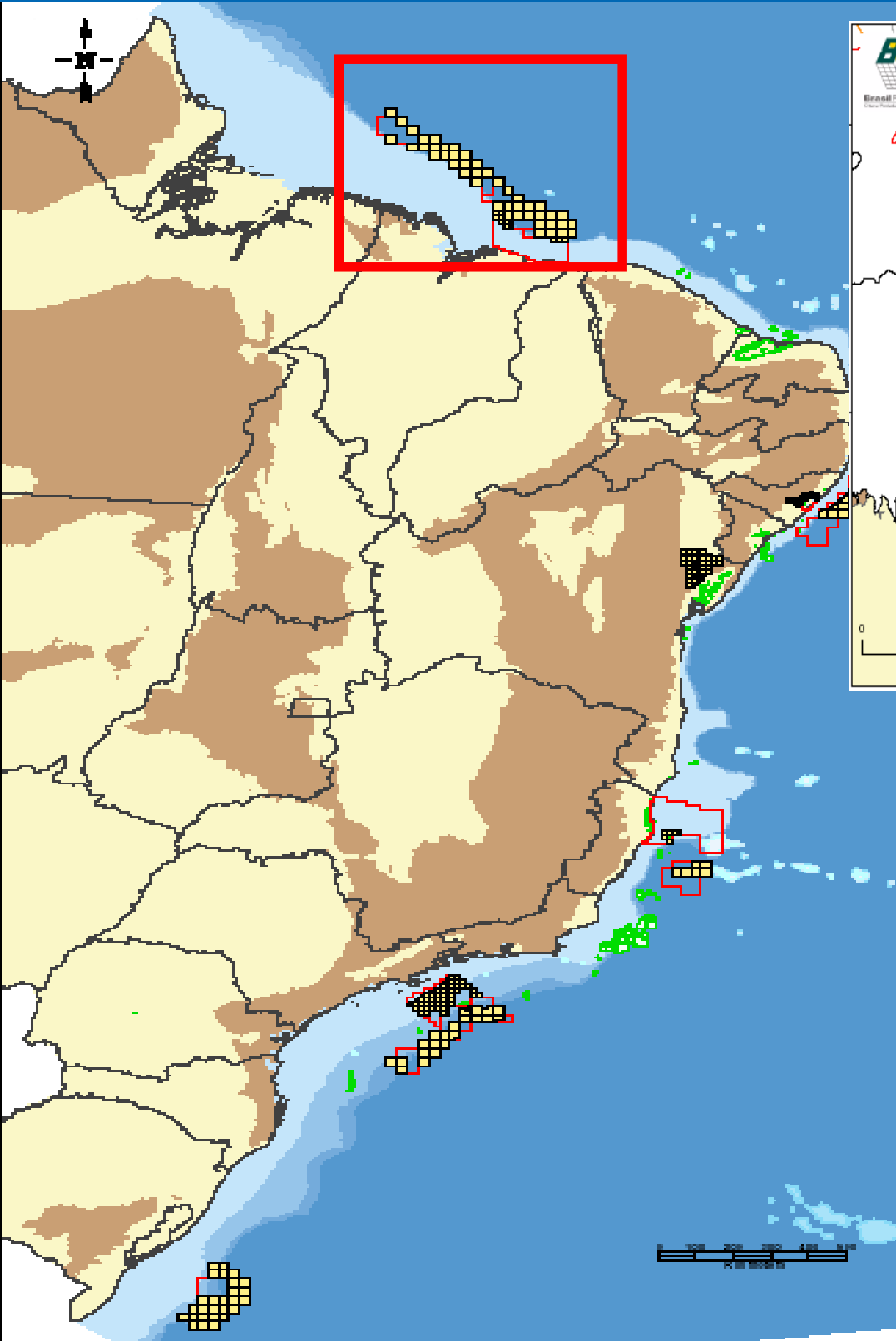


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# BRASIL ROUND 8



**BrasilRound8**  
Oitava Rodada de Licitações



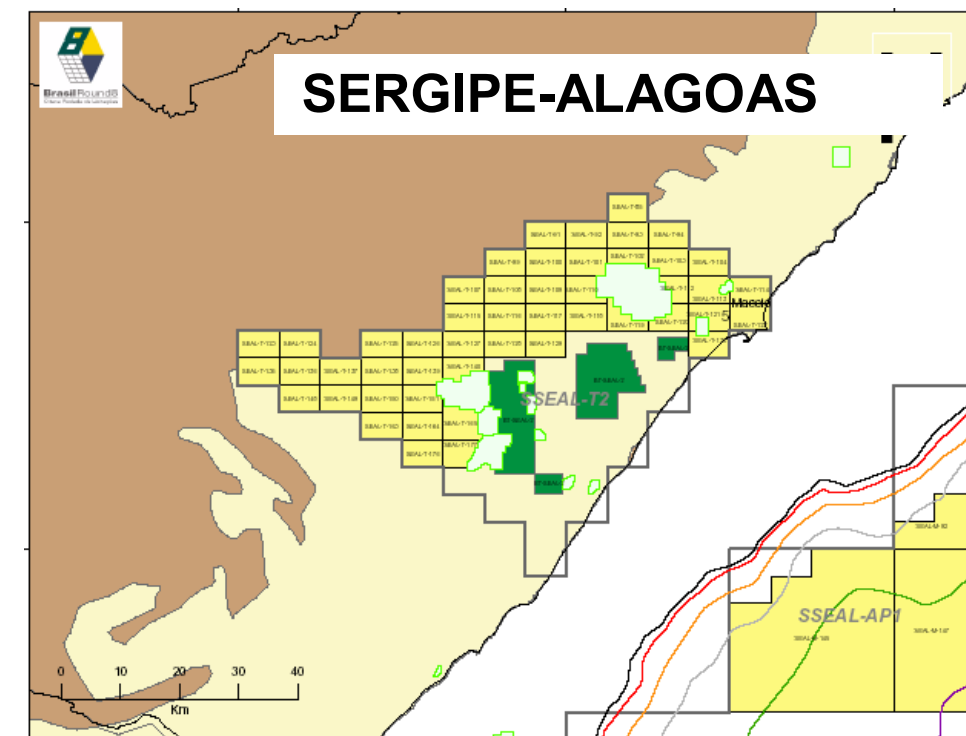
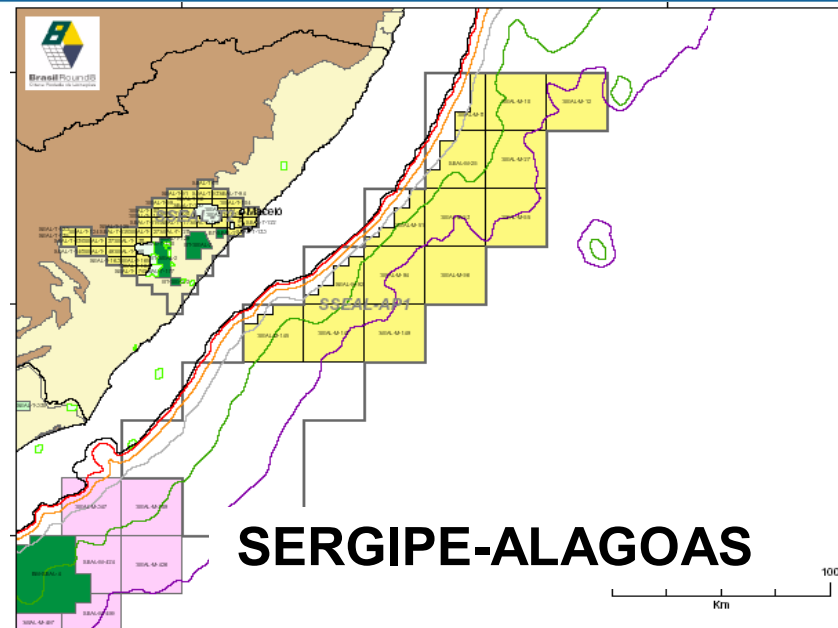


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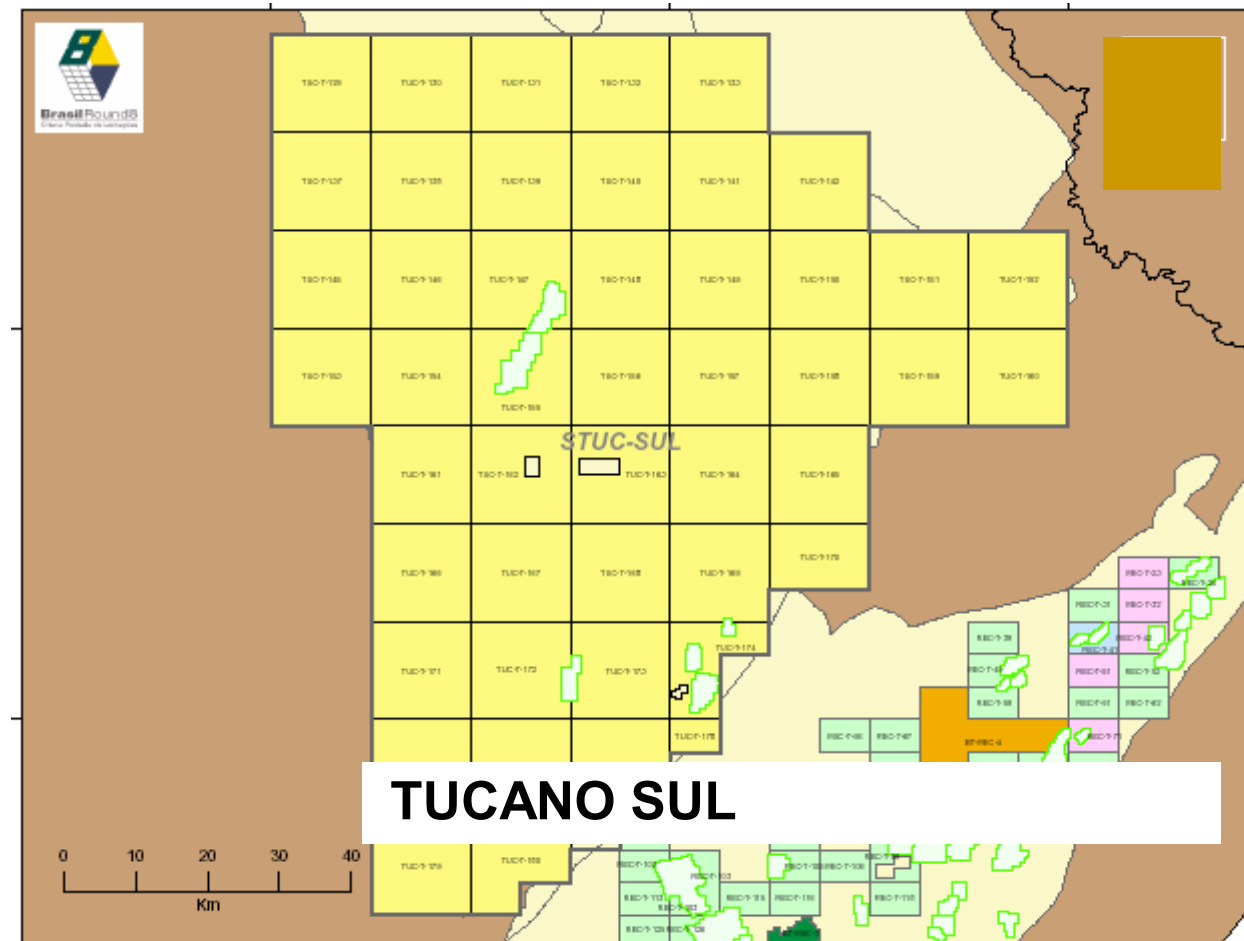


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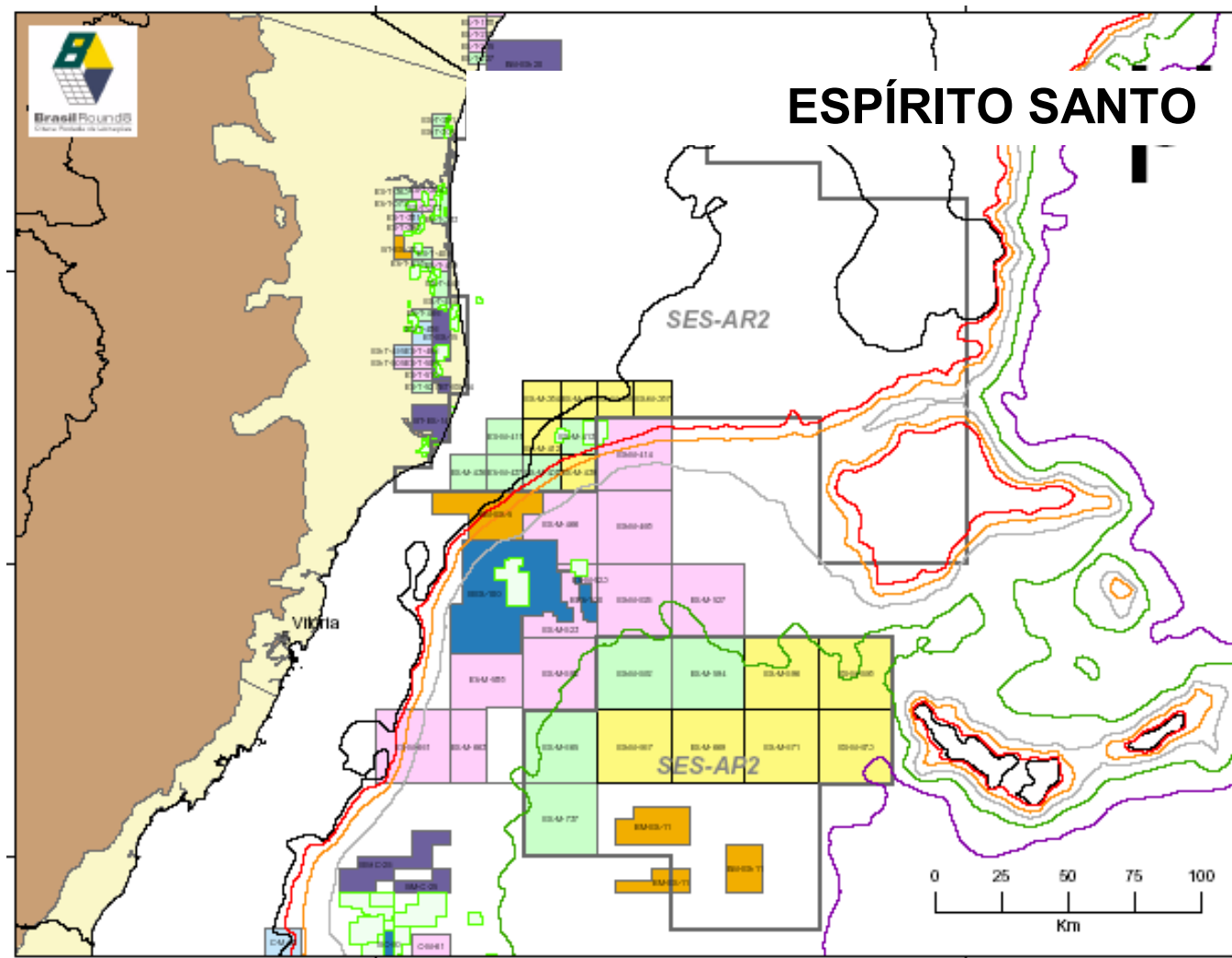


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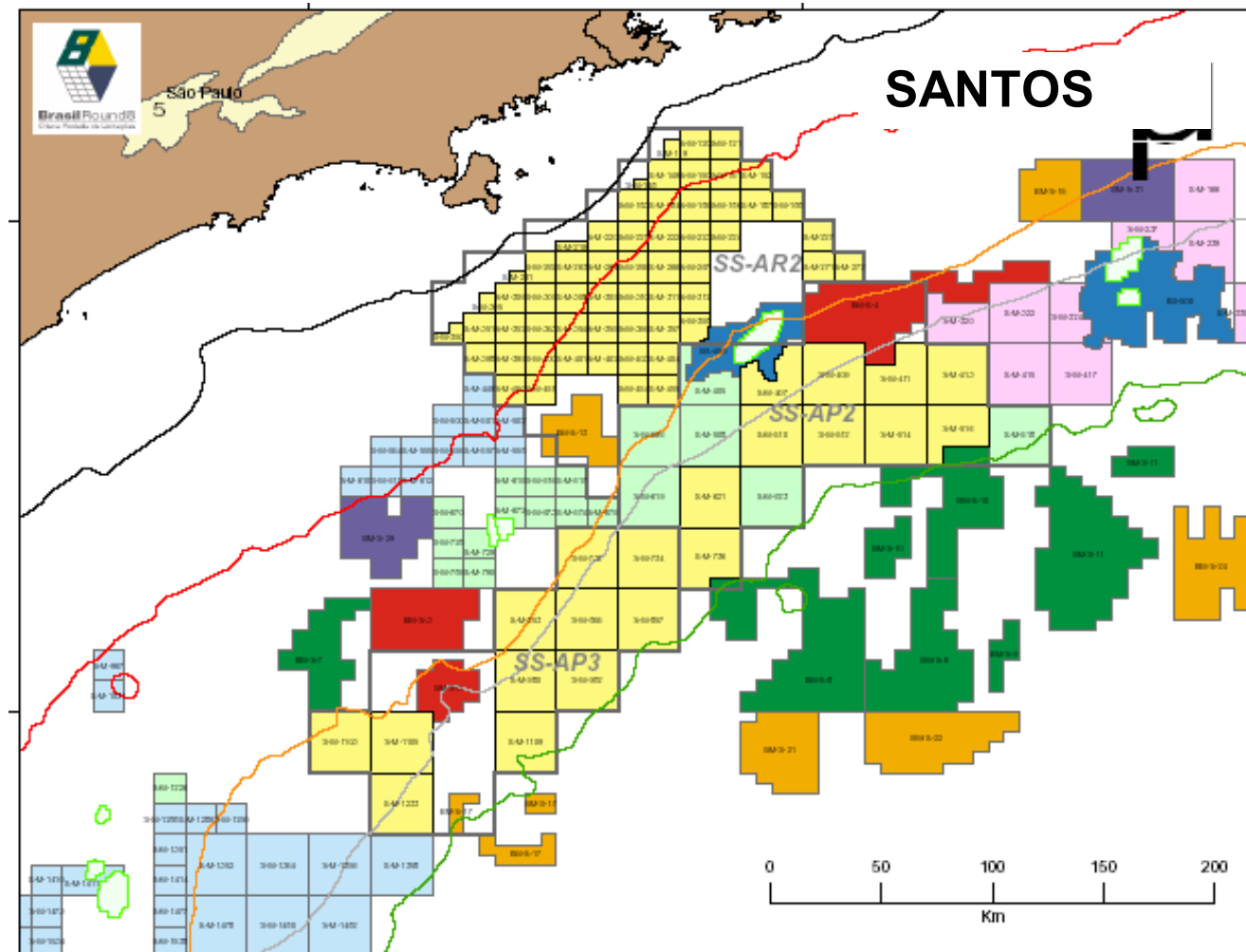
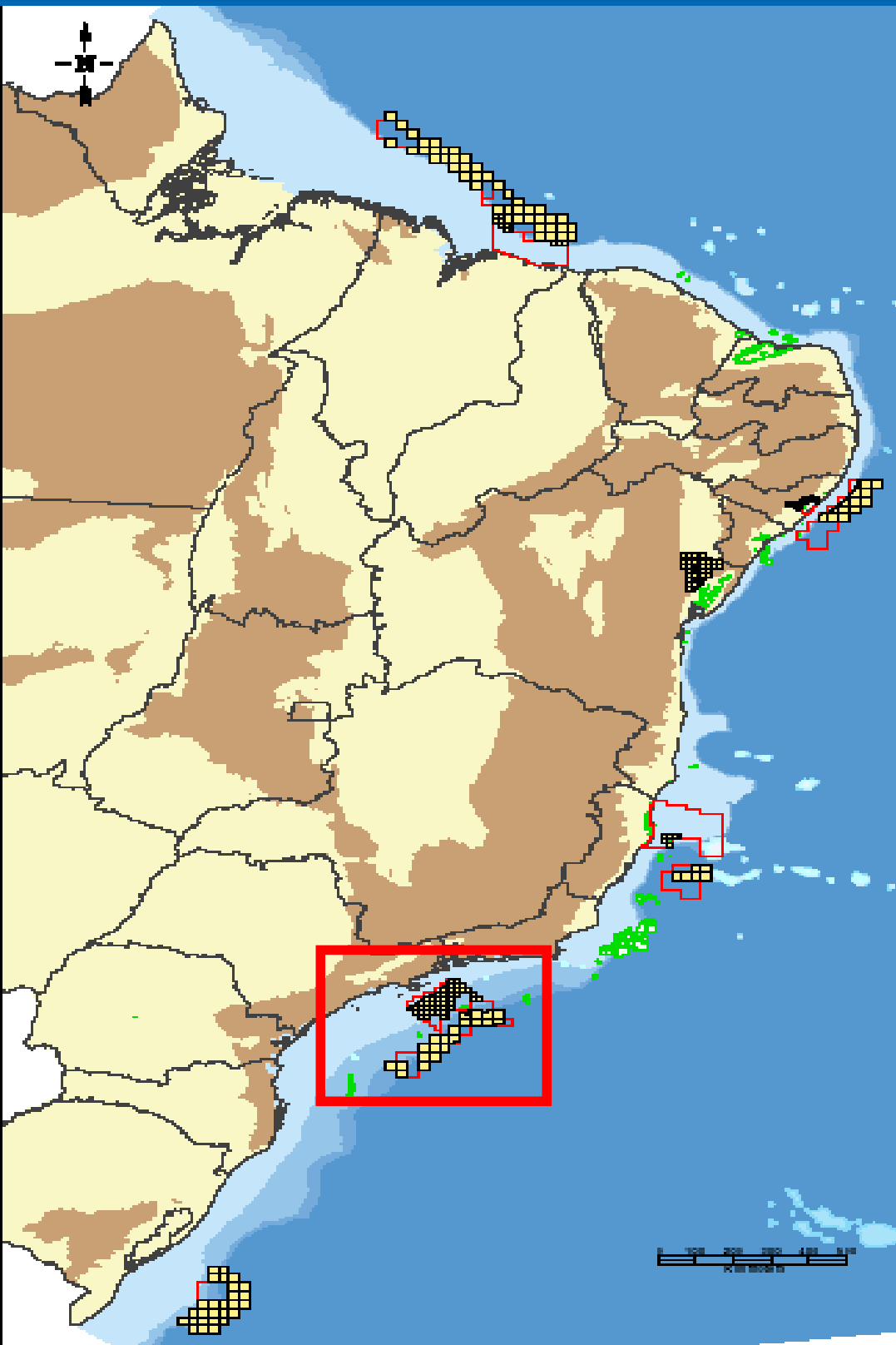


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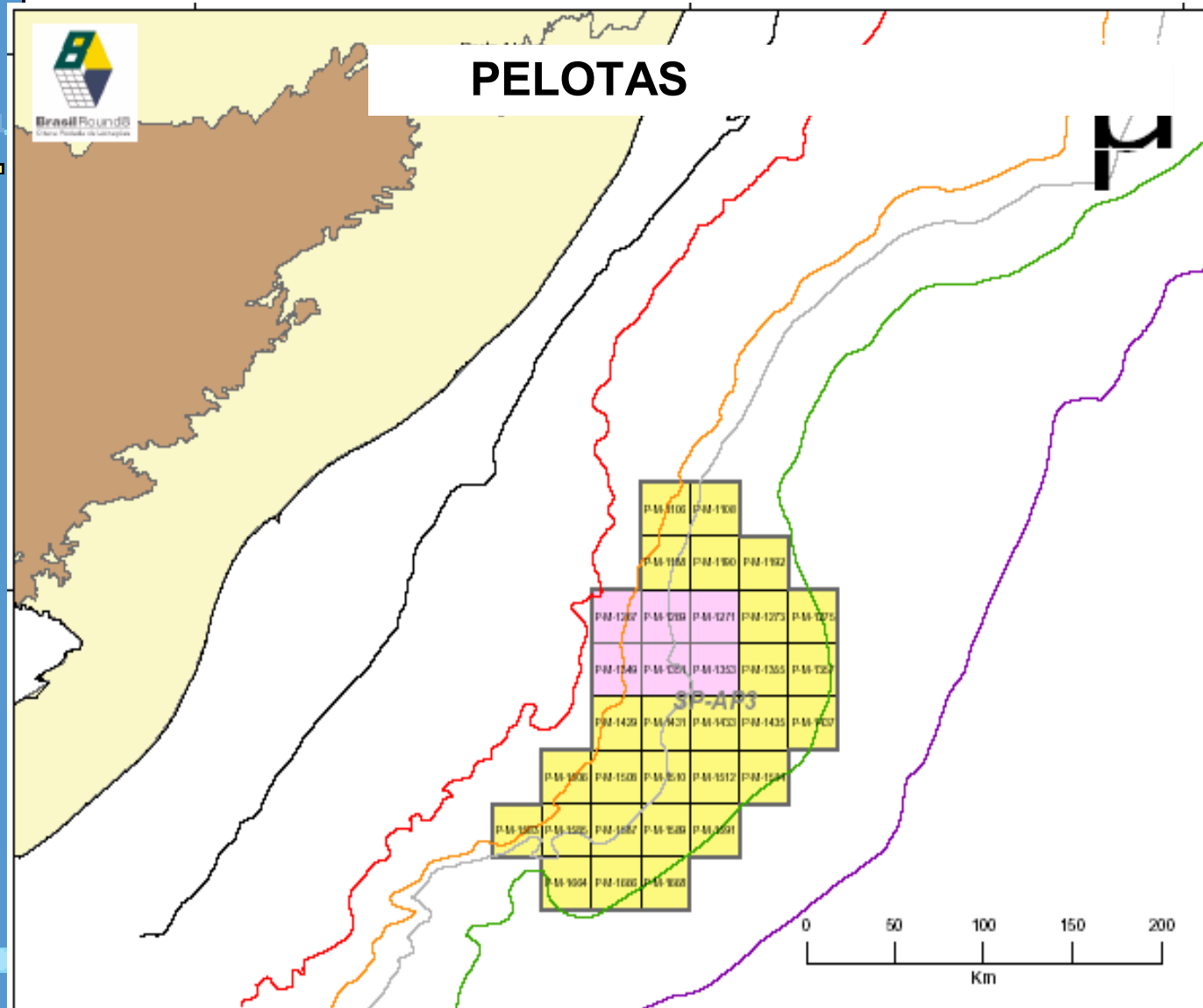
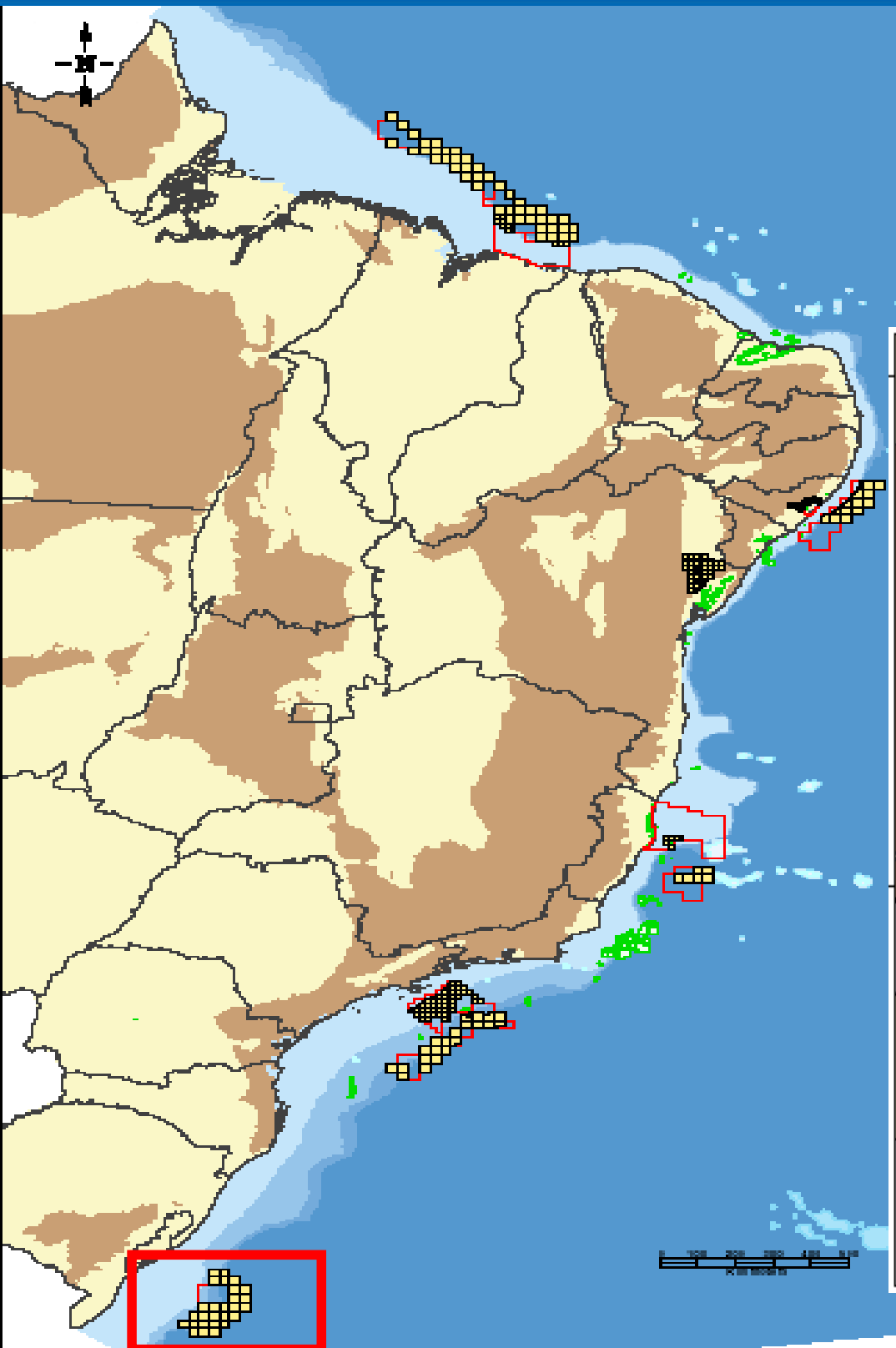


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# THANK YOU!!!

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