

Next Bidding Rounds Environmental Guidelines

AAPG International Conference & Exhibition 2020

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Operational Safety and Environment
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Context

ANP







Contract
Regulation
Supervision

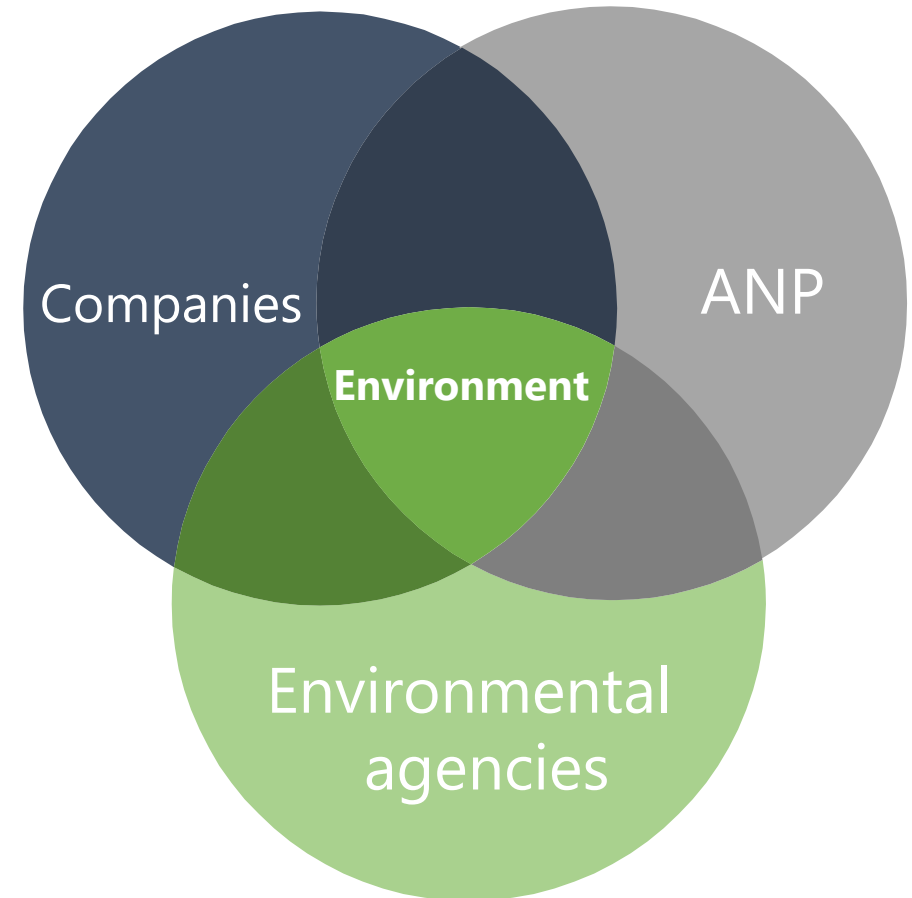


Enforcement of good practices for the conservation and rational use of oil, natural gas, its products and biofuels and environmental preservation

Context

How to enforce good practices? **Whole life cycle**

-  Area selection and bidding
-  Monitoring of environmental permitting
-  Enforcement of area remediation
-  Decommissioning of facilities

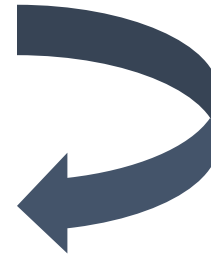


Area selection and bidding

Strategic Environmental Assessment



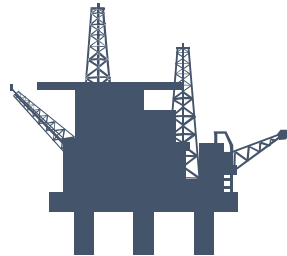
Apt



Alternative:
Joint
Manifestation

Environmental permitting

Mitigation measures, contingency plans etc



1

Support **government decisions** for the sector

2

Classify areas according to their **suitability**

3

Integrate results into the granting and environmental permitting processes

4

Environmental permitting **efficiency** and **legal certainty**

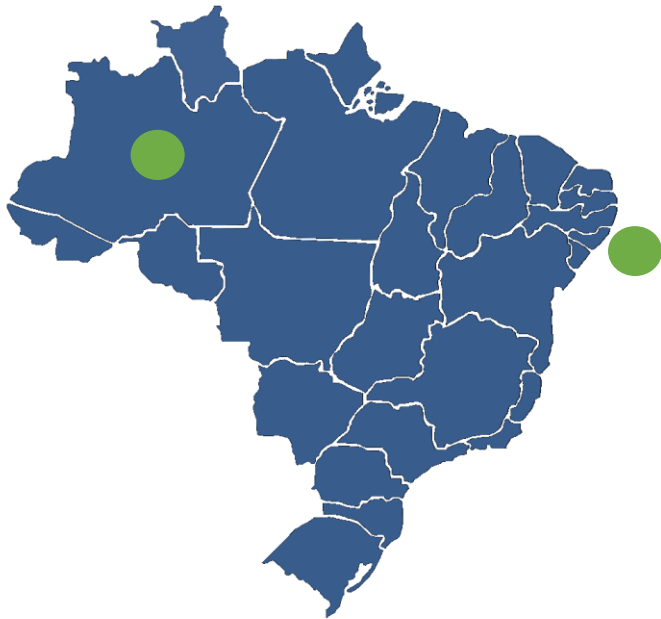
5

Wiser and **synergistic** elaboration of environmental studies

Sedimentary basins Environmental Assessment

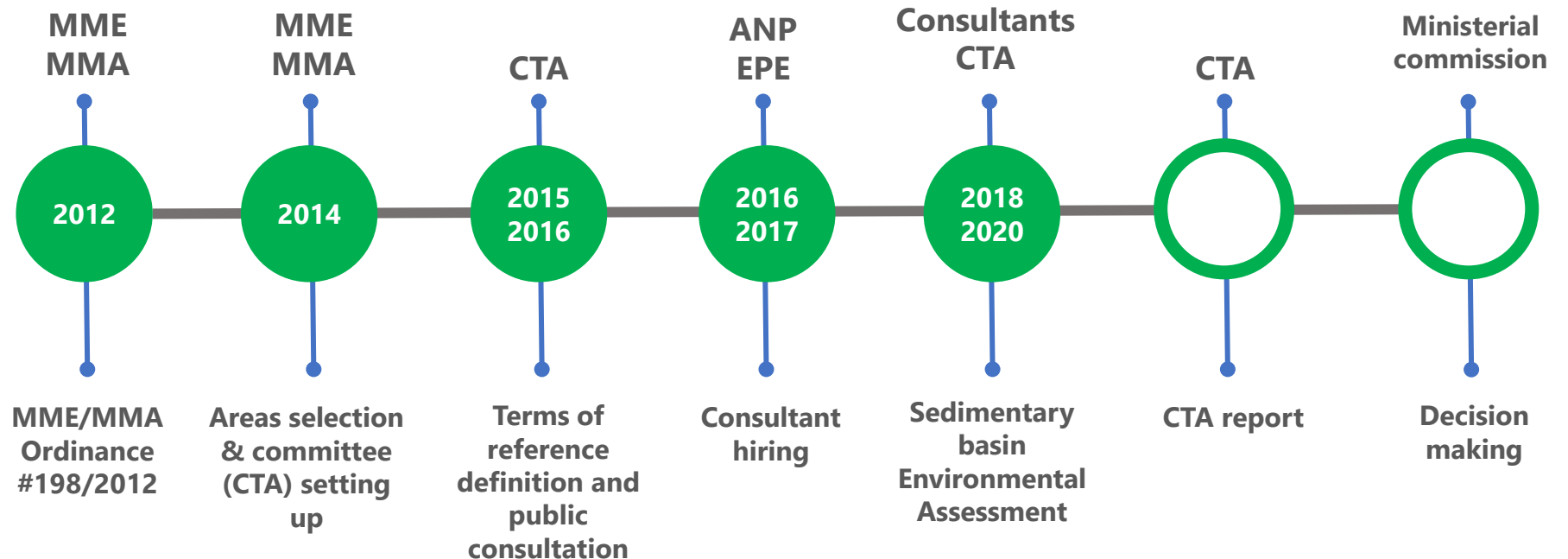
**MME-MMA
Ordinance
Nr. 198/12**

Ongoing Projects



Solimões onshore sedimentary basin

Sergipe-Alagoas/Jacuípe offshore sedimentary basins



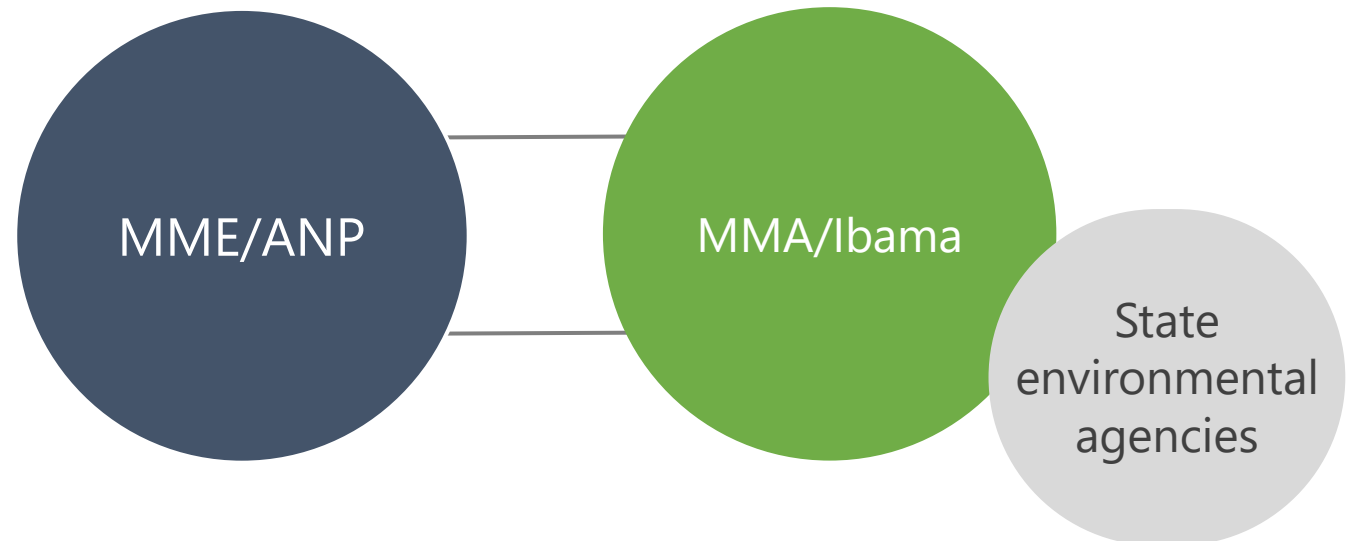


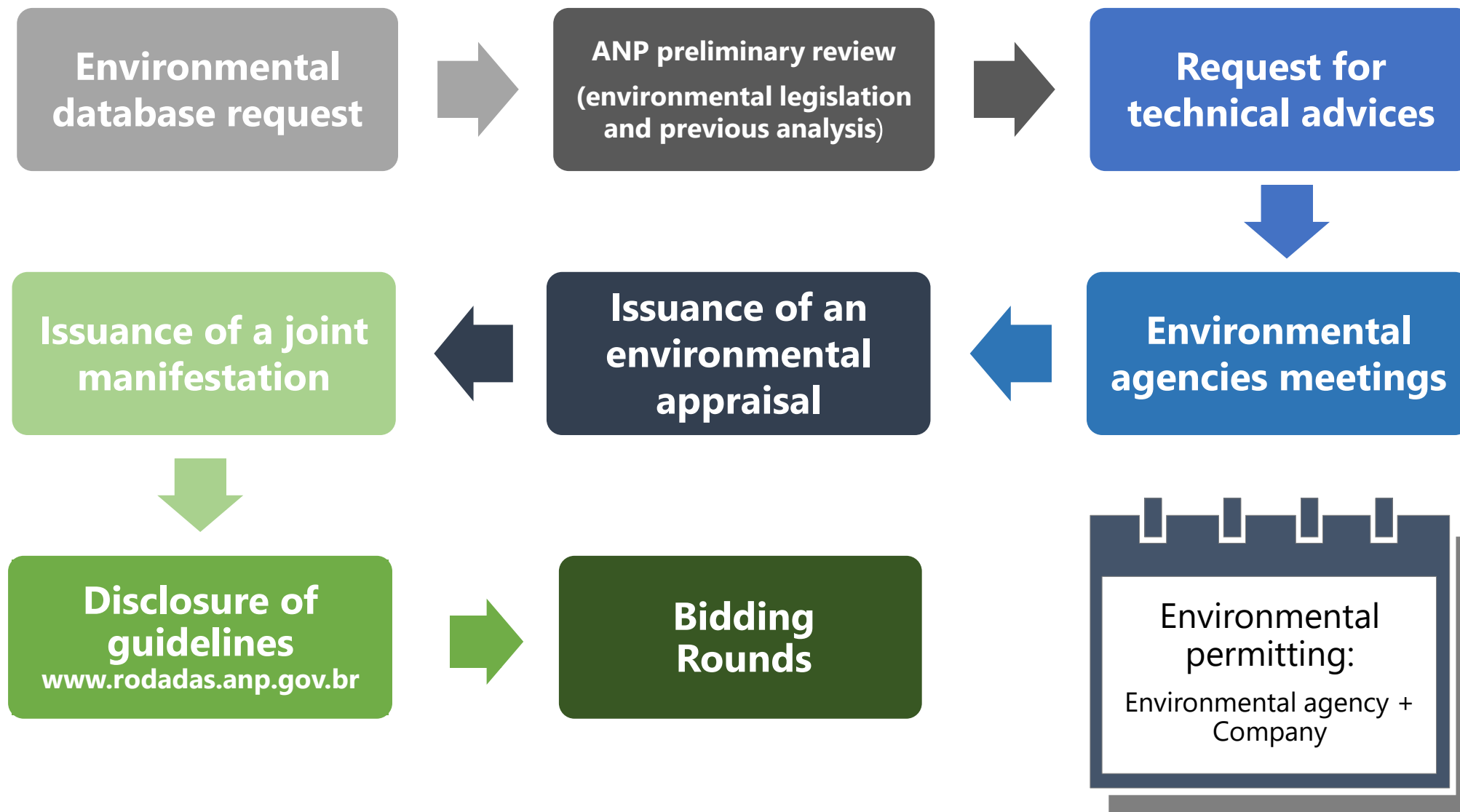
Transitory phase

Meanwhile...

CNPE Ordinance
Nr. 17/2017

Joint Manifestation





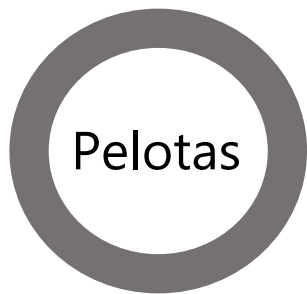
Transfer of Rights Surplus Production Share



Sépia
Atapu

1.600 m - 2.250 m water depth
Over 240 km offshore

17th Bidding Round



SP-AR1, AP1 & AUP1



SS-AP4, AUP4 & AUP5

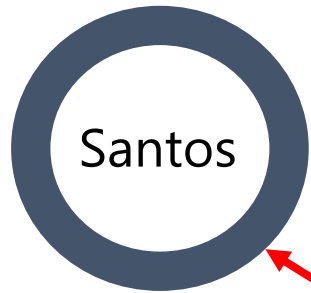


SC-AP1, AP3 & AUP2



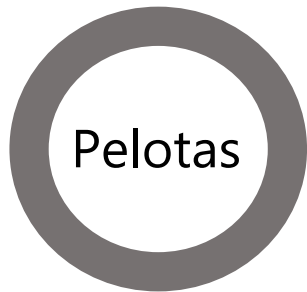
SPOT-AP2 & AUP2

Transfer of Rights Surplus Production Share

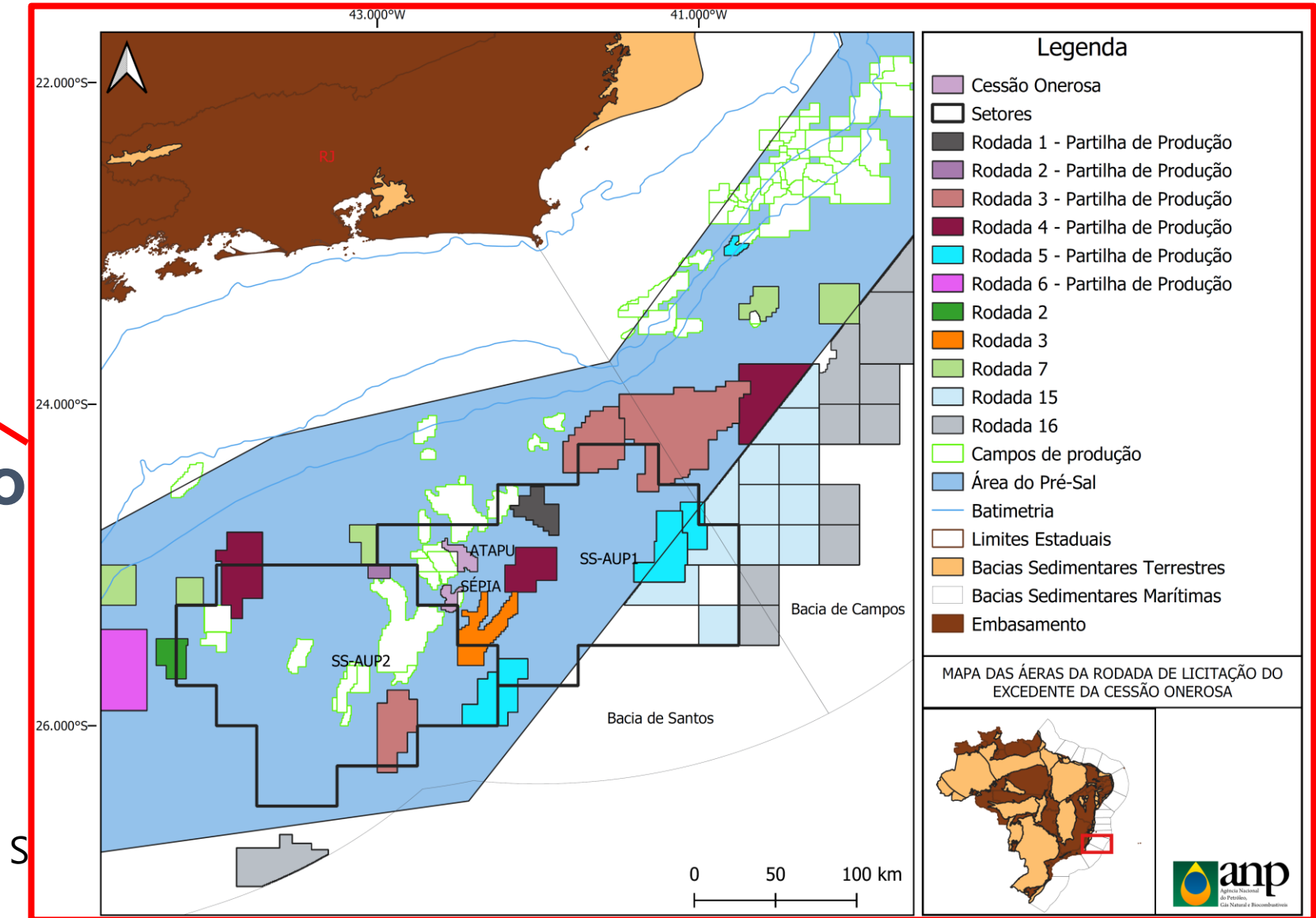


Sépia
Atapu

17th Bidding Ro



SP-AR1, AP1 & AUP1

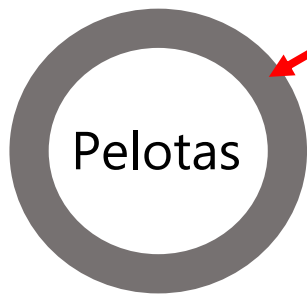


Transfer of Rights Surplus Production Share

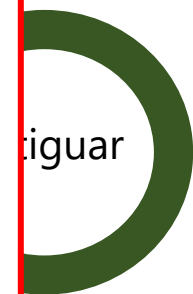
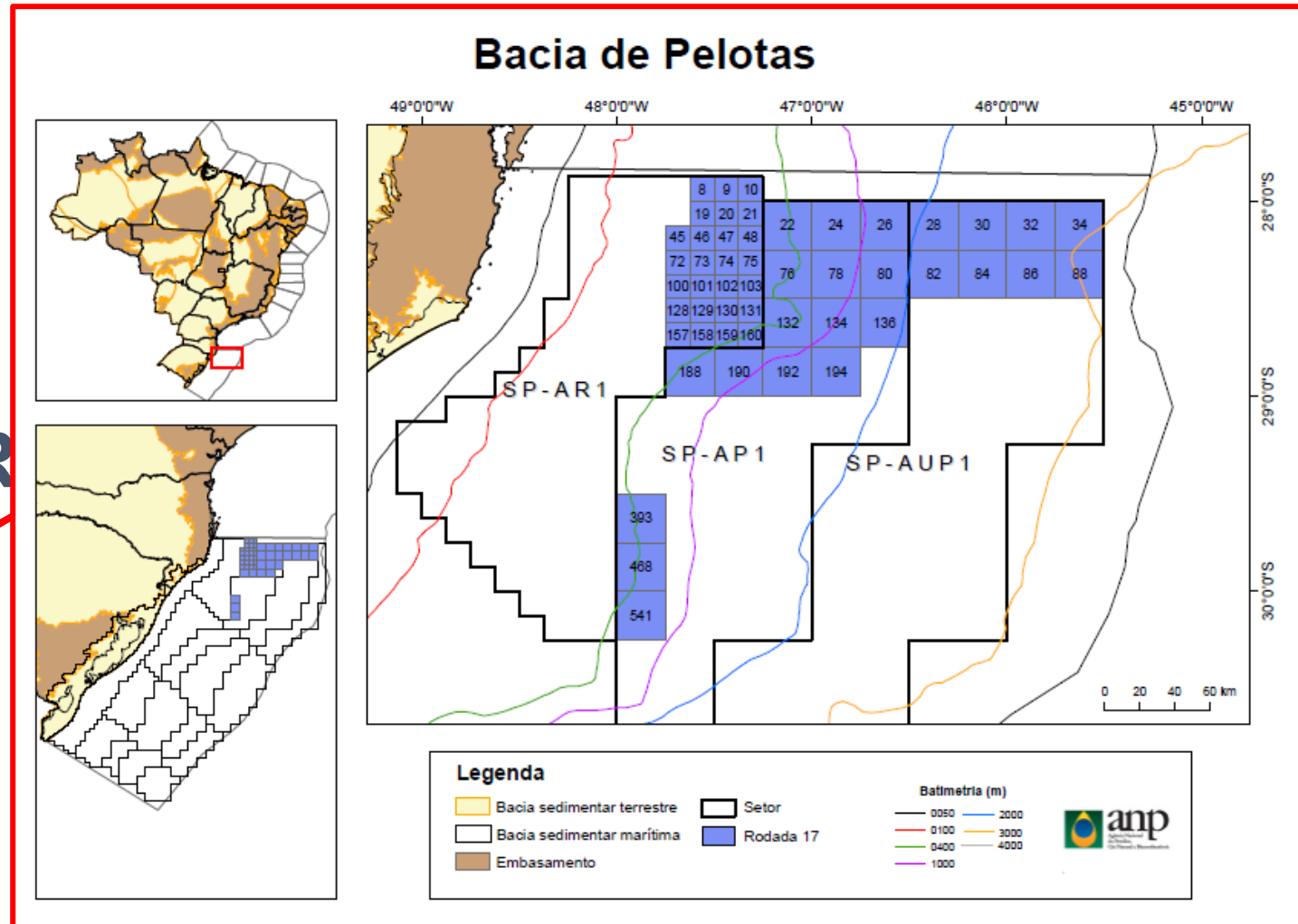


Sépia
Atapu

17th Bidding Round



SP-AR1, AP1 & AUP1

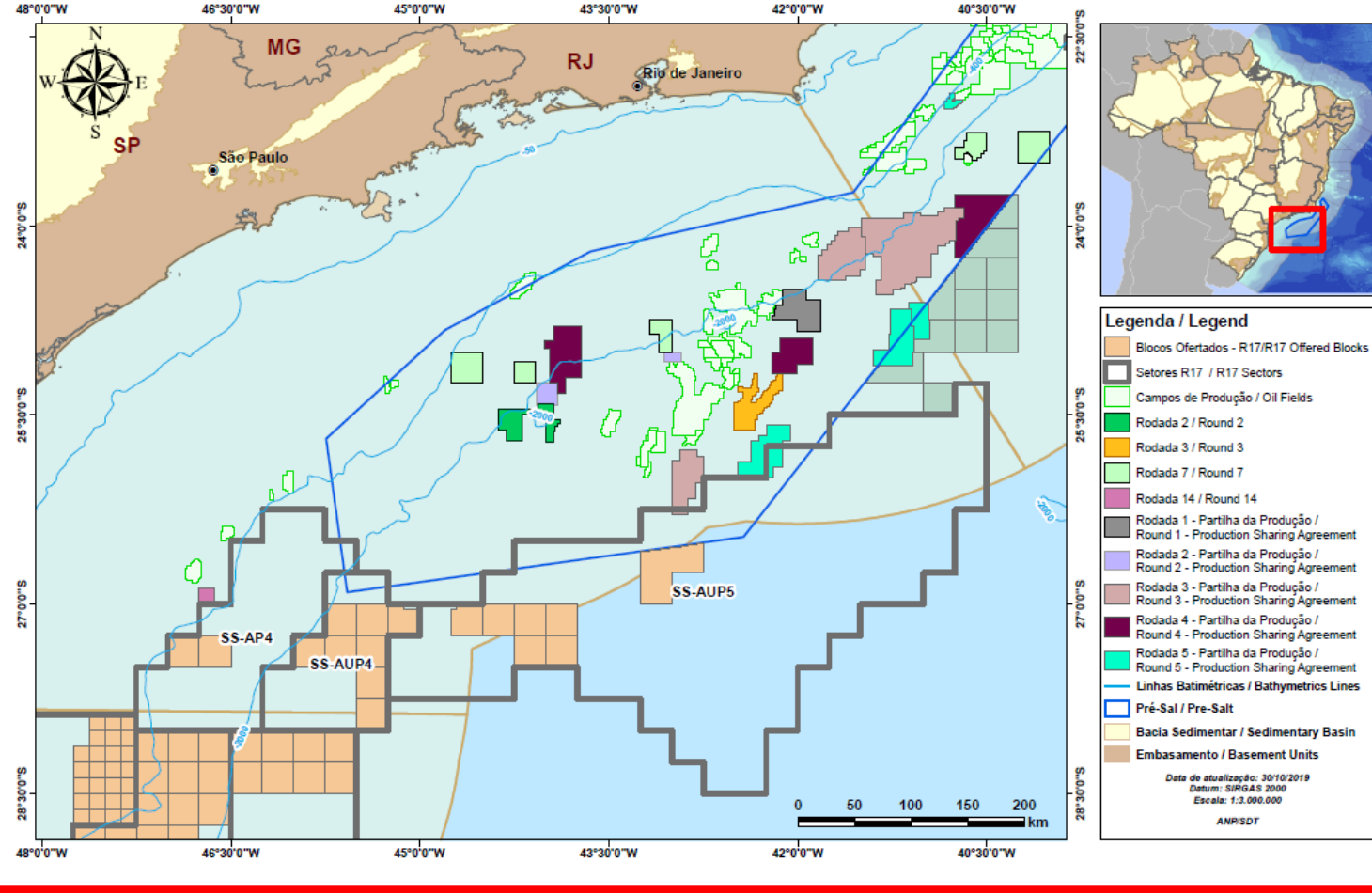


SP-AR2 & AUP2

Transfer of Rights Surplus



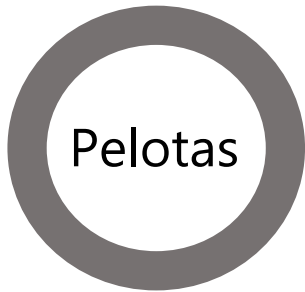
Setores SS-AP4, SS-AUP4 e SS-AUP5 - Bacia de Santos
 SS-AP4, SS-AUP4 and SS-AUP5 Sectors - Santos Basin



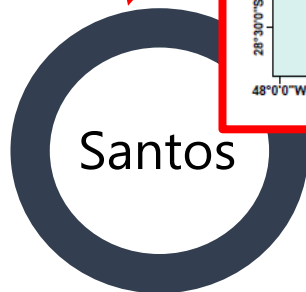
Sépia
Atapu

1.600

17th Bidding Round



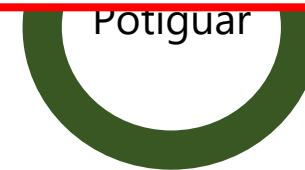
SP-AR1, AP1 & AUP1



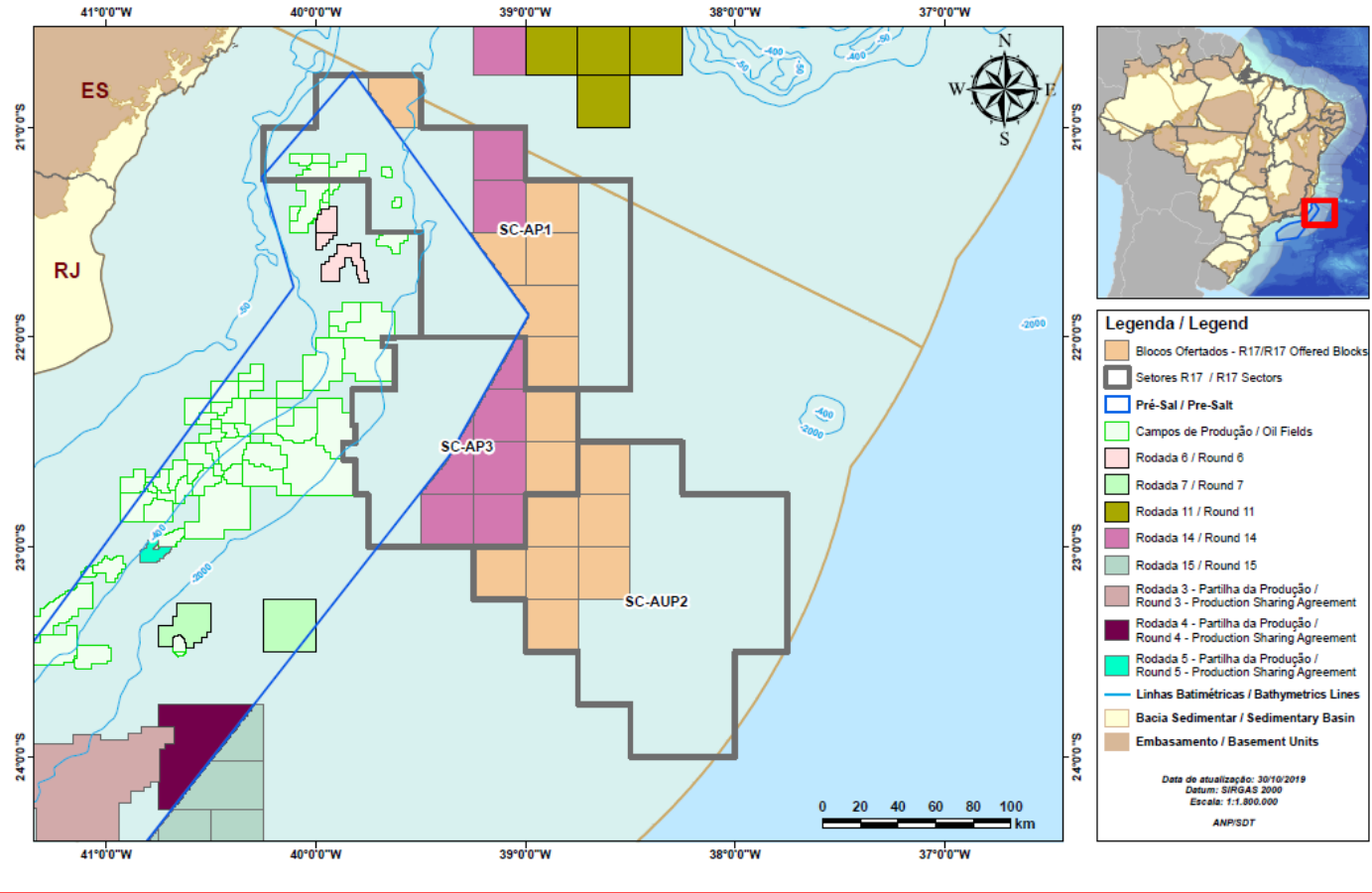
SS-AP4, AUP4 & AUP5



SC-AP1, AP3 & AUP2

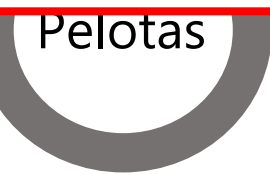


SPOT-AP2 & AUP2



Share

er depth
 ore

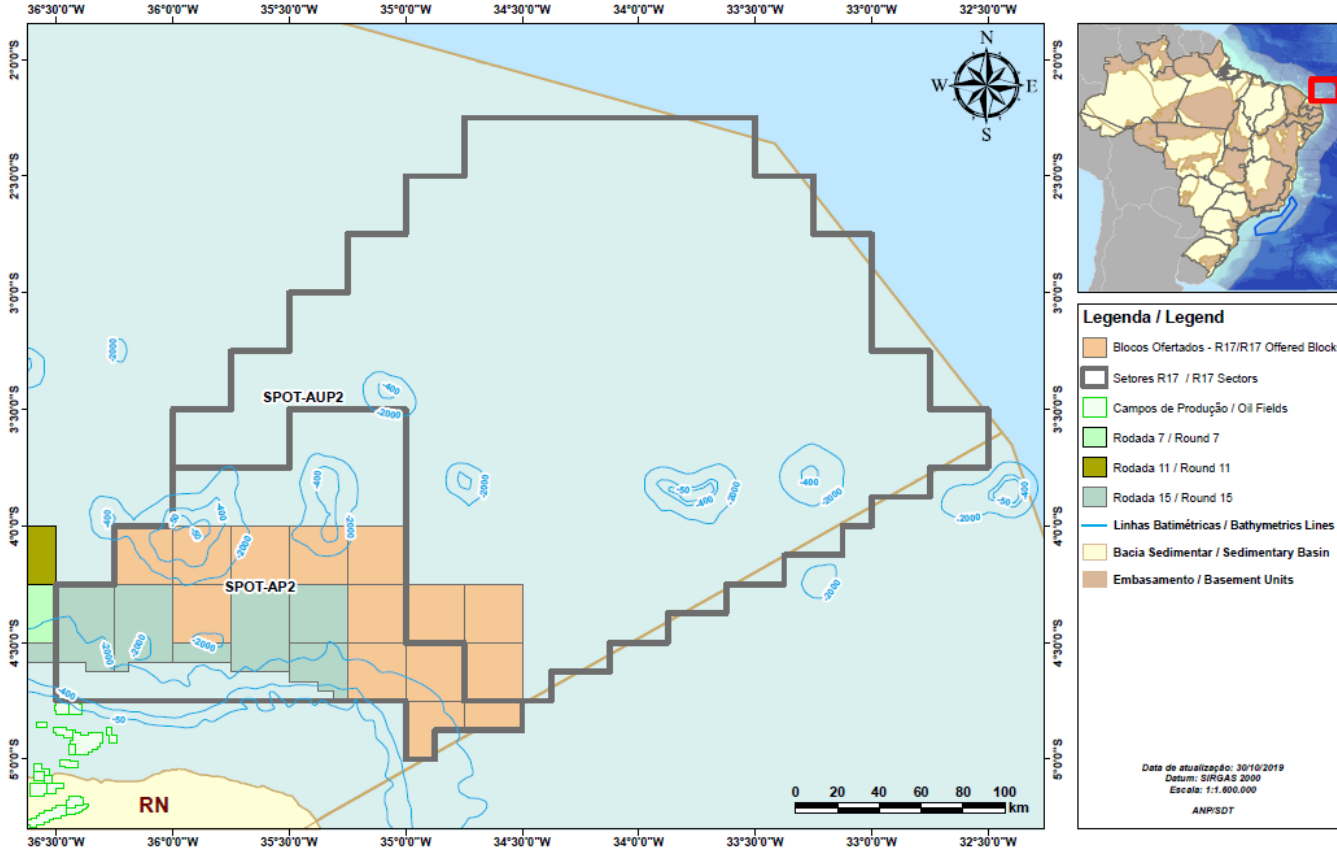


SP-AR1, AP1 & AUP1

SS-AP4, AUP4 & AUP5

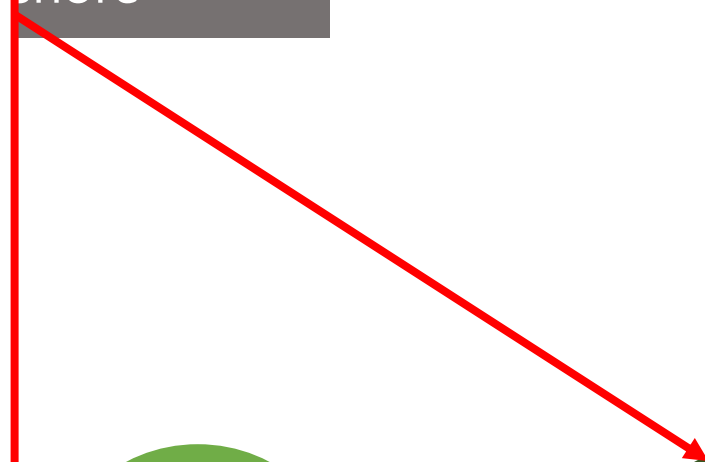
SC-AP1, AP3 & AUP2

SPOT-AP2 & AUP2



Water Share

Water depth
 onshore



Pelotas

SP-AR1, AP1 & AUP1



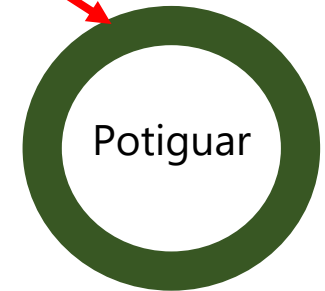
Santos

SS-AP4, AUP4 & AUP5



Campos

SC-AP1, AP3 & AUP2



Potiguar

SPOT-AP2 & AUP2

General remarks

✓ Main environmental issues of concern during exploratory phases:

- Conflicts with fishing activities
 - Biogenic matrices
 - Cumulative impacts due to several concurrent activities
 - Some scenarios with high probability of oil leakages reaching shorelines
- ✓ Contingency plans should include robust vulnerability analyzes with special attention to conservation units and endangered species present in the area. Extra resources may be required
- ✓ Response strategies must prove their effectiveness whenever models indicate high probabilities of oil reaching sensitive environmental assets, prior to the issuance of environmental permits
- ✓ Specific concerns should be identified for each basin

2nd Cycle of Open Acreage

708 exploratory blocks
 3 marginal accumulations oil fields
 19 sedimentary basins
started on September 11, 2020



Onshore basins: Amazonas, Espírito Santo, Paraná, Parnaíba, Potiguar, Recôncavo, Sergipe-Alagoas, Solimões and Tucano



Offshore basins: Camamu-Almada, Campos, Ceará, Espírito Santo, Jacuípe, Pelotas, Pernambuco-Paraíba, Potiguar, Santos and Sergipe-Alagoas

General remarks – Open Acreage

- ✓ Supported by joint declarations (Ministries of Environment & Mining and Energy)
 - All concerns are pointed out by local and federal agencies
 - Environmental technical advices are cumulative and openly available
 - <http://rodadas.anp.gov.br/en/open-acreage/environmental-guidelines>

- ✓ Each State sets its own restrictions, based on particular environmental issues and recommendations

- ✓ Common issues include:
 - Permanent preservation areas, wetlands, ecological-economic zonings and priority areas for the conservation of biodiversity
 - Traditional use of lands
 - Drilling and production techniques restrictions

Environmental Guidelines

Public Hearing

Technical Data Package

Bidders Submission

Environmental Guidelines

Bidding Round Special Commission of Open Acreage

First Cycle of Open Acreage

Second Cycle of Open Acreage

Explanatory Videos and FAQ

All reports are in Portuguese.

Joint Manifestations MME-MMA

- [Joint Manifestation MME-MMA, of 06/18/2020](#)
- [Joint Manifestation MME-MMA, of 03/20/2020](#)
- [Joint Manifestation MME-MMA, of 07/12/2018](#)
- [Joint Manifestation MME-MMA, of 12/31/2018](#)
- [Joint Manifestation MME-MMA, of 07/16/2019](#)

Offshore basins

Environmental licensing of maritime activities and in an E & P transition zone is carried out by the [Brazilian Institute for the Environment and Renewable Natural Resources \(Ibama\)](#), through CGMAC (General Coordination of Environmental Licensing of Marine and Coastal Enterprises).

- [Environmental Licensing](#)

Ibama, Chico Mendes Institute for Biodiversity Conservation (ICMBio) and Ministry of the Environment (MMA), under the Open Acreage, carried out the environmental analysis through the following documents:

- [Report nº 7769898/2020-DILIC](#)
- [Report nº 478/2020/GABIN – Ibama](#)
- [Technical Report nº 19/2019-DILIC](#)
- [Technical Report nº 15/2019-DILIC](#)
- [Technical Report GTPEG Nº 5/2018 – Open Acreage](#)
- [Technical Report GTPEG Nº 4/2018 – Open Acreage](#)
- [Technical Report GTPEG Nº 2018 - I – 15th Bidding Round](#)
- [Technical Report GTPEG – 14th Bidding Round](#)
- [Technical Report GTPEG Nº 01/2015 – 13th Bidding Round](#)
- [Technical Report_nº 30/2019-DILIC – Open Acreage](#)
- [Report 511-2019-GABIN-ICMBio](#)

<http://rodadas.anp.gov.br/en/open-acreage/environmental-guidelines>

Final remarks



Joint manifestation:

- It shows that there is no incompatibility between offered areas and strategic objectives of protecting environmental quality
- It anticipates recommendations, conditions and mitigation measures for environmental permitting
- It doesn't replace the environmental permitting process (environmental agencies prerogative)



ANP's role:

- Assessment of exploratory programs compliance
- Follow up of environmental permitting processes with companies and environmental agencies
- Provide technical training for environmental agencies
- Hiring of SEA and taking part in the Technical Monitoring Committee (CTA)

Thank you!



National Agency of Oil, Natural Gas and Biofuels

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<http://www.anp.gov.br/exploracao-e-producao-de-oleo-e-gas/seguranca-operacional-e-meio-ambiente>