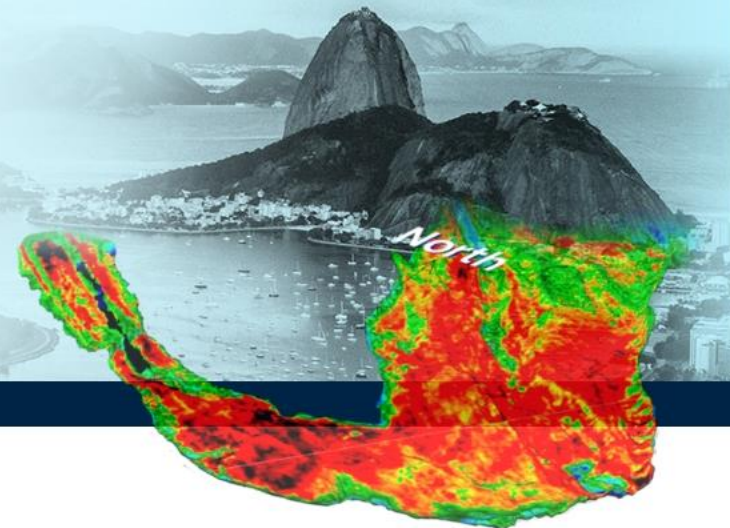




Unlocking Potential: Exploration Perspectives in Brazilian Sedimentary Basins - Priority Areas for 2025

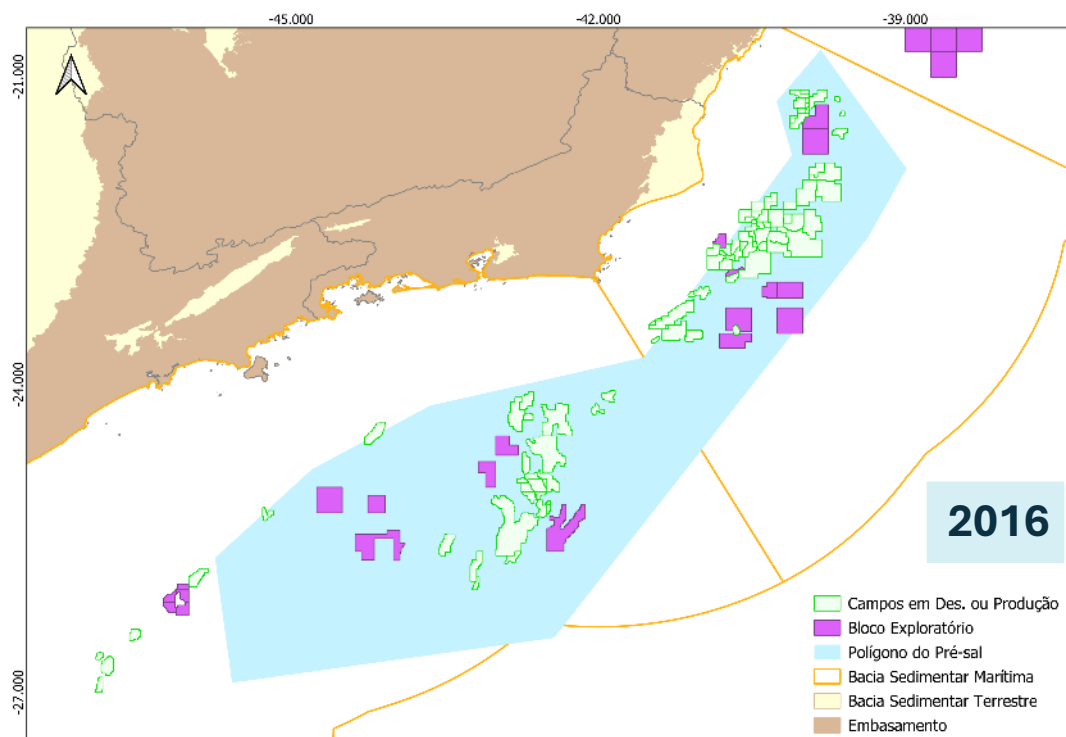
Ronan Ávila

*Deputy Superintendent of Geological and Economic
Assessment at the Brazilian Agency of Petroleum, Natural Gas,
and Biofuels [ANP-SAG]*

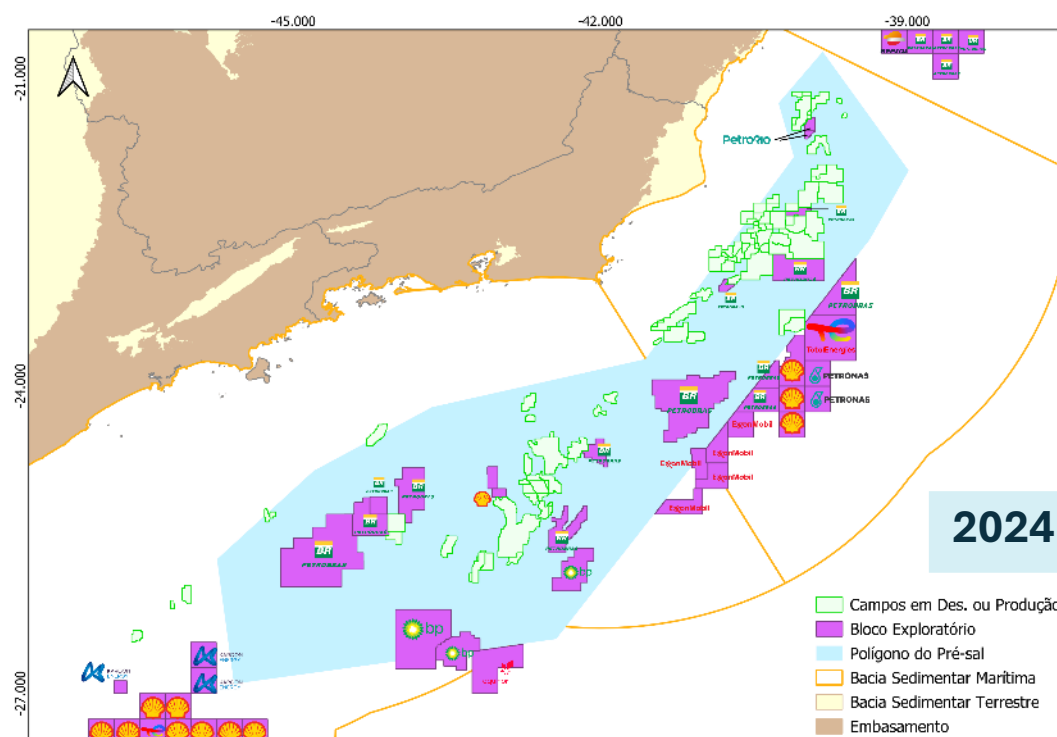


Contracts for the Campos and Santos Basins

OPP and OPC (2016=>2024)



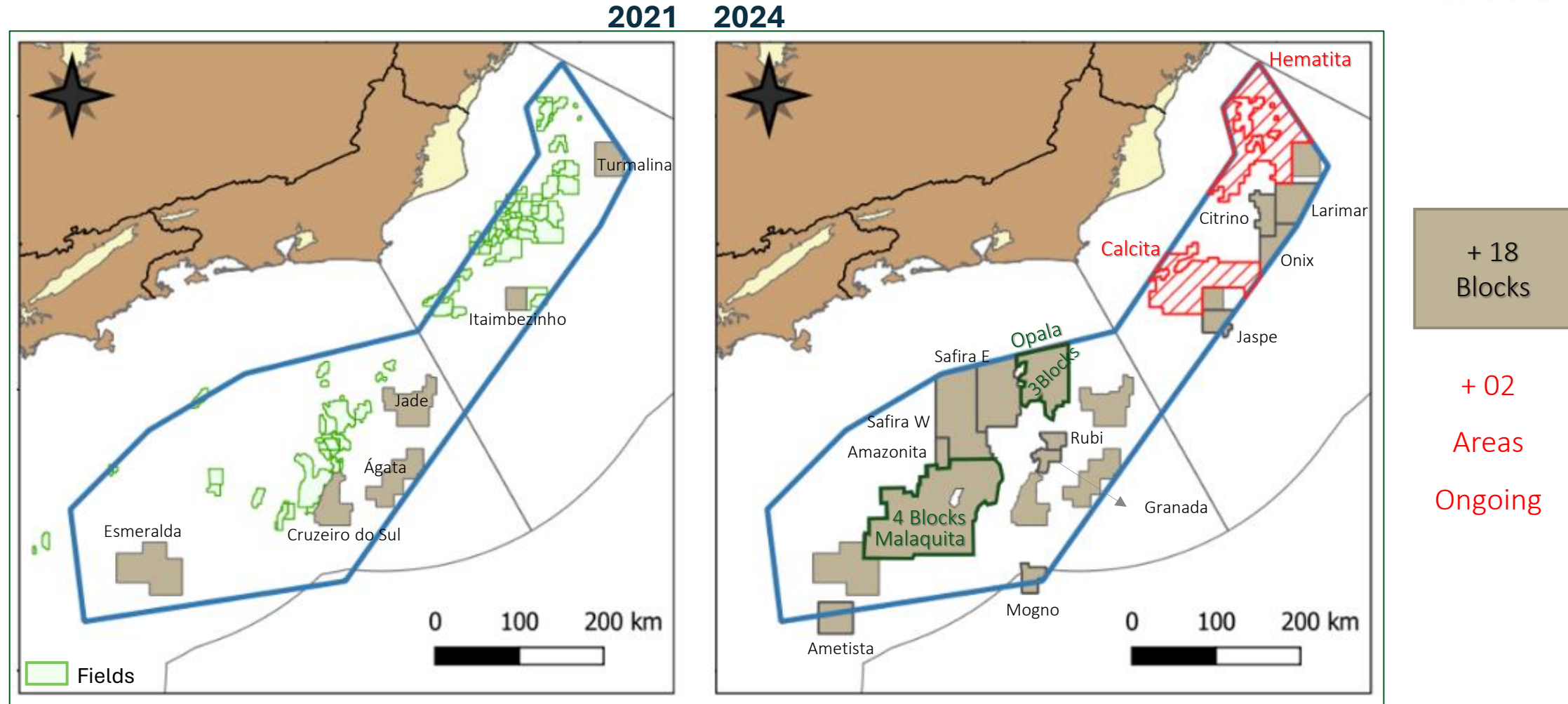
 Blocks featuring active contracts (2016)



 Blocks featuring active contracts (2024)

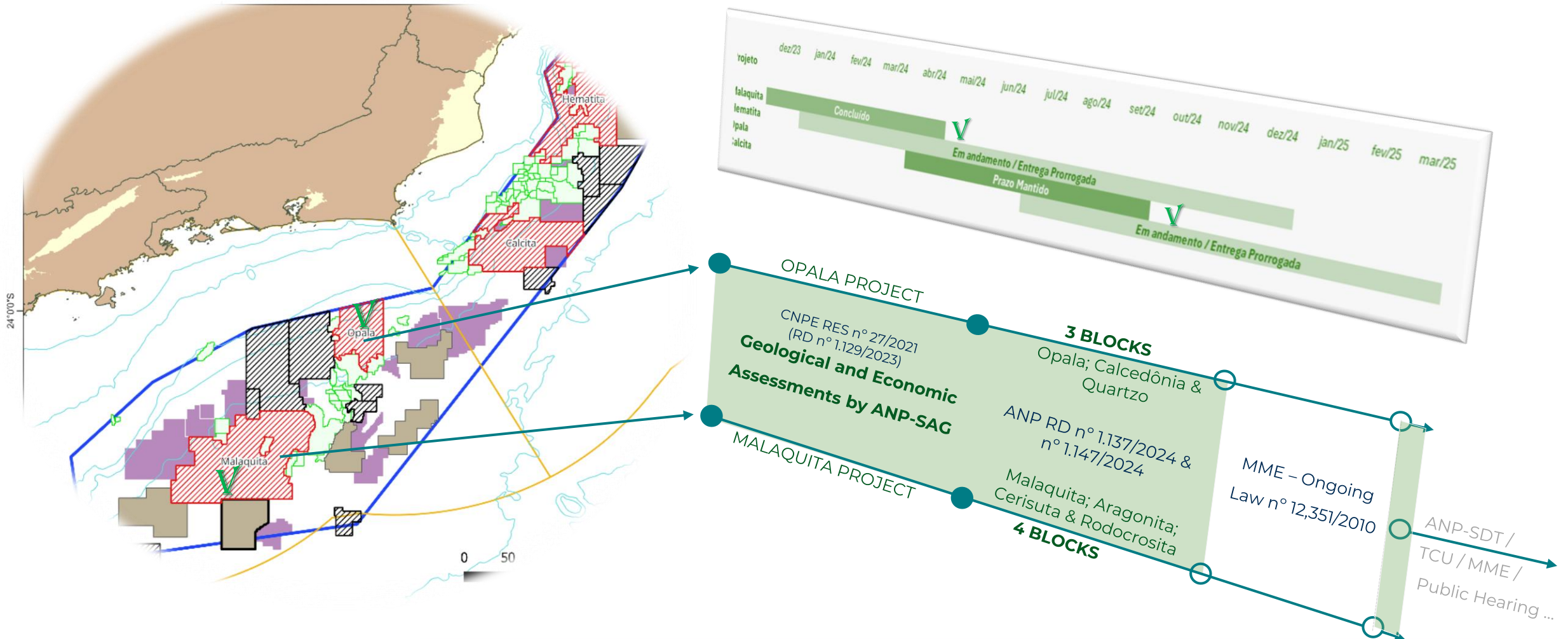
Opportunities: New Areas for the Campos and Santos Basins

OPP Overview



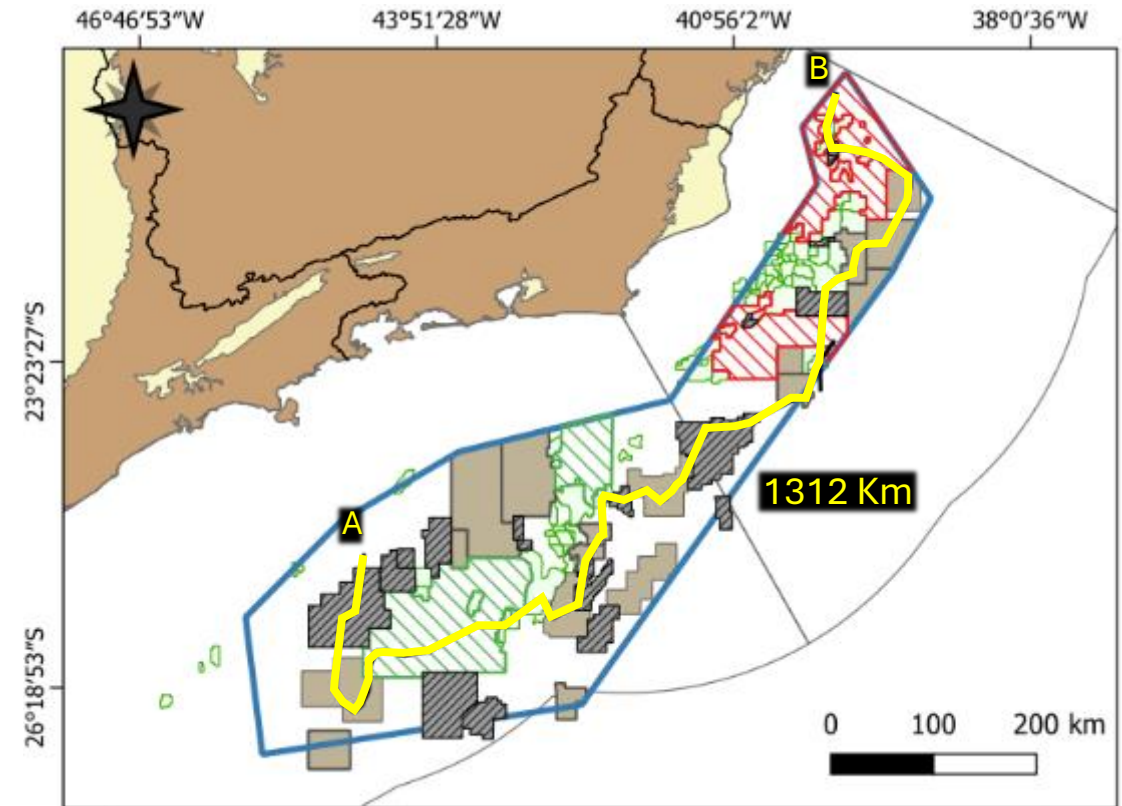
Strategic Geoeconomic Assessment Schedule

OPP 2024-25



Opportunities: New Areas for the Campos and Santos Basins

OPP Overview



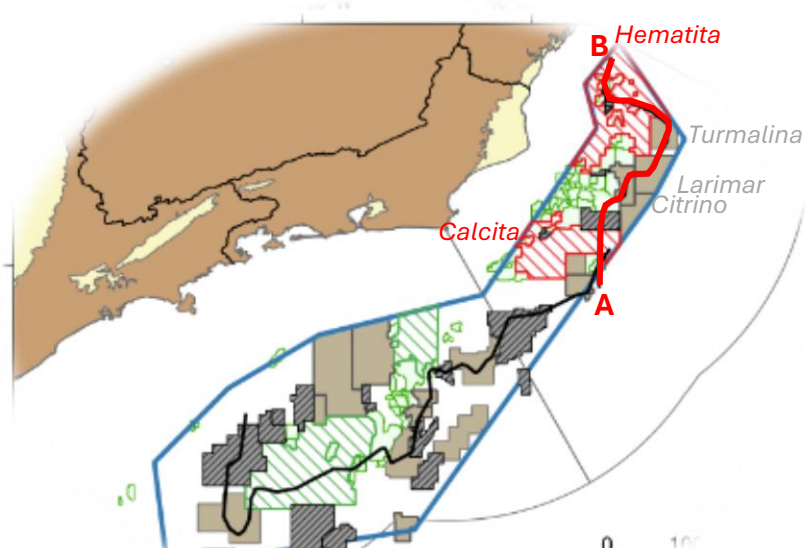
- Presalt Polygon
- Field
- Contracted Blocks
- Blocks Approved by the CNPE

ANP-SAG OPP CALENDAR (G&G Studies)

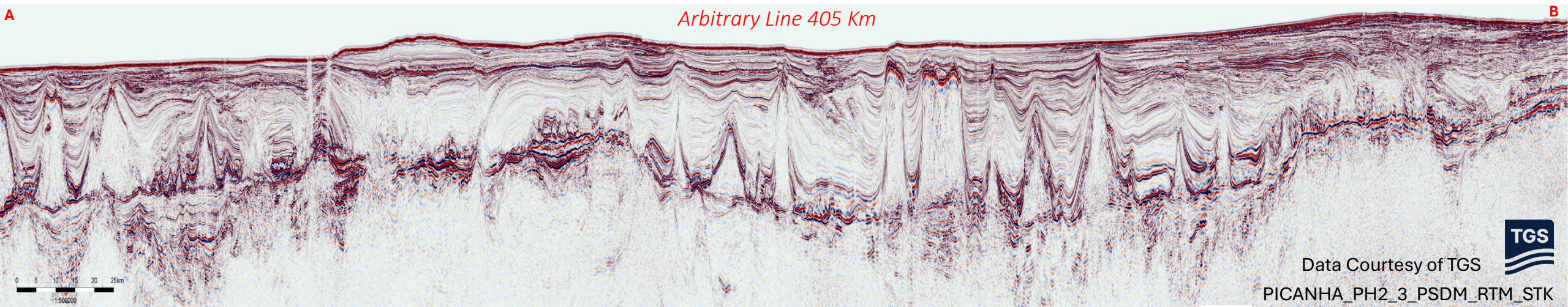
- OPP 2024-25 G&G STUDIES [SAG] - **ONGOING**
- OPP 2024 G&G STUDIES [SAG] → **7 BLOCKS**

Strategic Geoeconomic Assessment – Campos Basin

OPP 2024-25



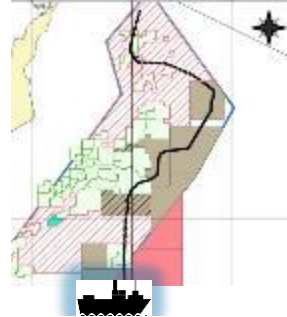
ANP [SAG] is currently evaluating two important areas for internal geological and economic assessments: Calcite and Hematite in the Campos Basin. This is the best time to move forward with the nomination for Res ANP n°. 837/2021 through a fully confidential process.



Opportunities: New Areas for the Campos Basin

OPP Overview

See the Annex I_4th BPC - Ronan Ávila_Overview Campos Basin.mp4



RAIA MANTA
1-REPF-12D-RJS

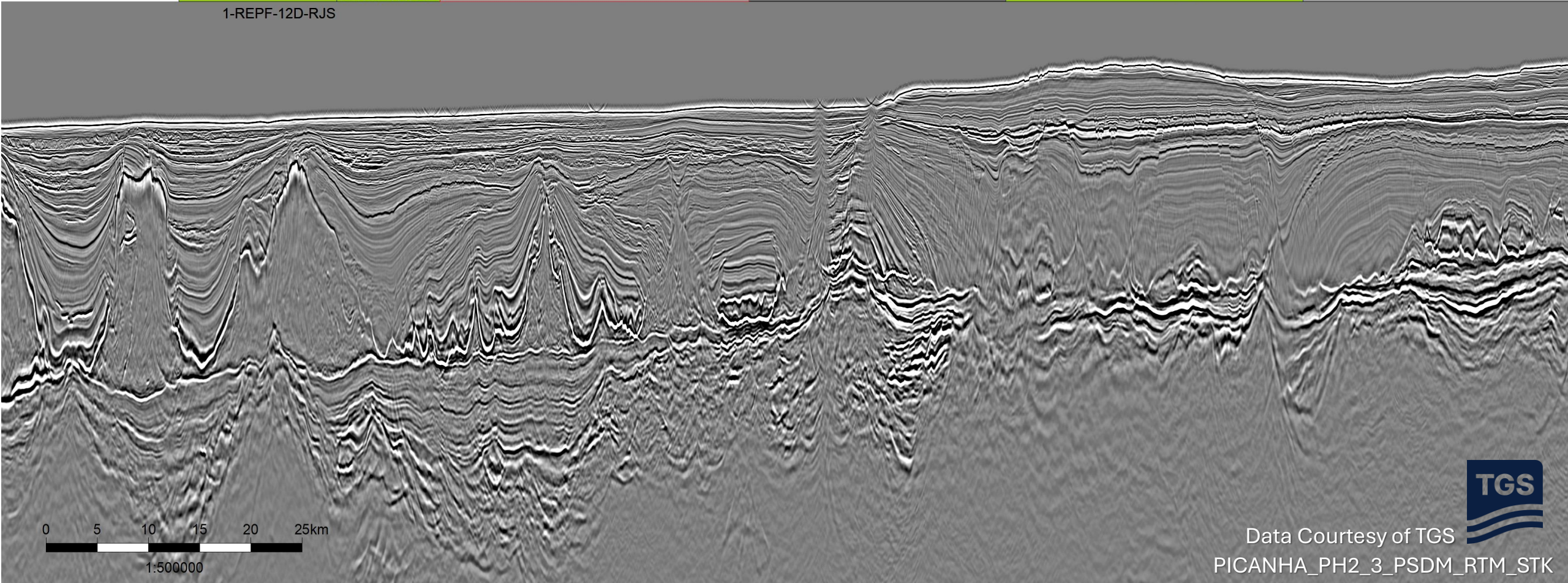
RAIA PINTADA

CALCITA

ÁGUA MARINHA

MARLIM SUL

CINTRINO



0 5 10 15 20 25km
1:500000



Data Courtesy of TGS
PICANHA_PH2_3_PSDM_RTM_STK

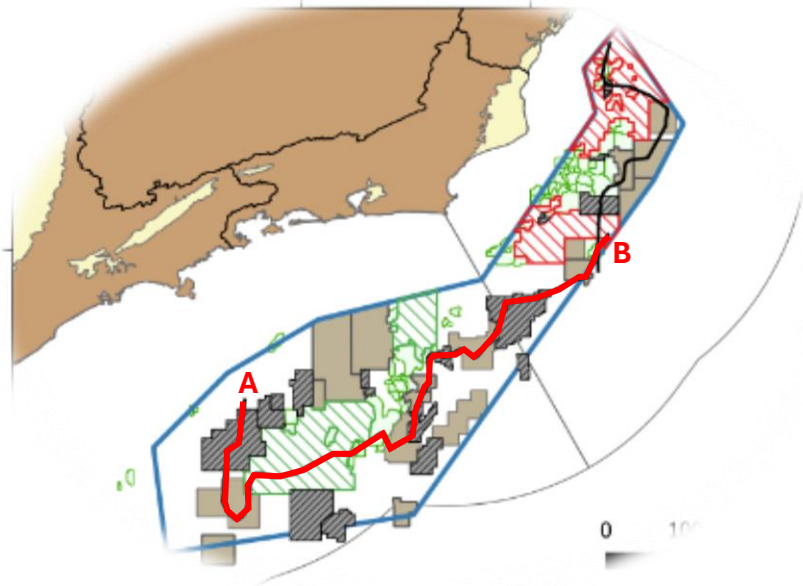
Organized by.



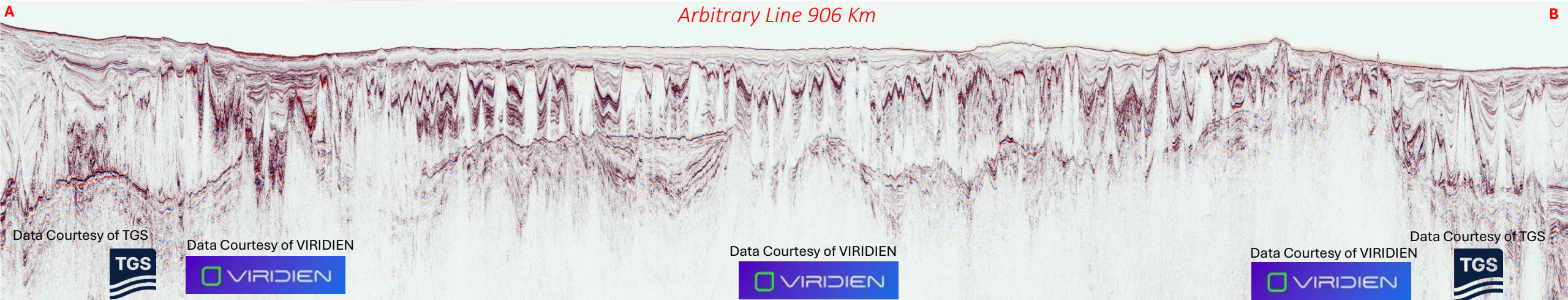
 bpc2024.com.br

Strategic Geoeconomic Assessment – Campos Basin

OPP 2024-25



ANP [SAG] has completed the evaluation of two key areas for internal geological and economic assessments: Malaquita and Opala, located in the Santos Basin. These original areas were divided into seven blocks, which have been submitted to the MME. The blocks are Aragonita, Malaquita, Rodocrosita, Cerusita, Opala, Calcedônia, and Quartzito. The next steps involve evaluation by the MME and deliberation by the CNPE.



Organized by.

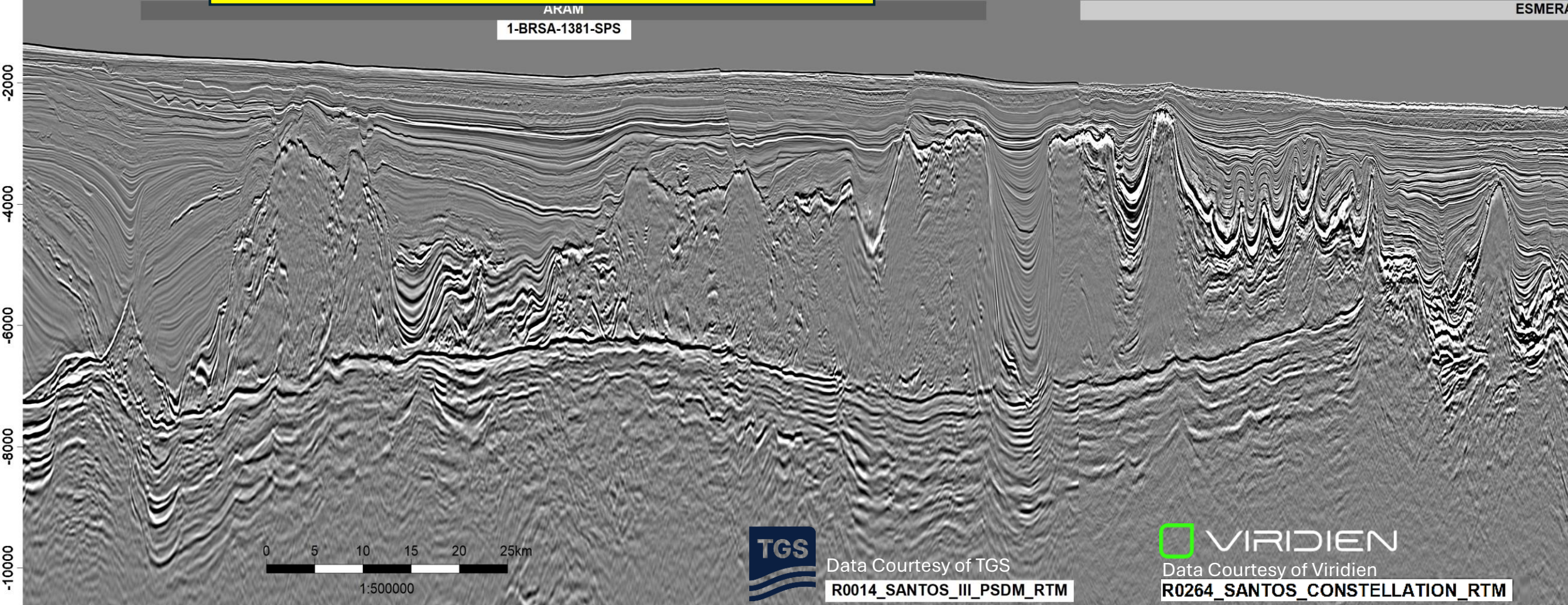
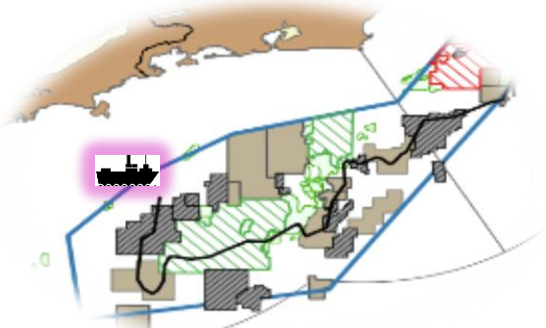


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Opportunities: New Areas for the Santos Basin

OPP Overview

See the Annex II_4th BPC - Ronan Ávila_Overview Santos Basin.mp4



Data Courtesy of TGS
R0014_SANTOS_III_PSDM_RTM



VIRIDIEN

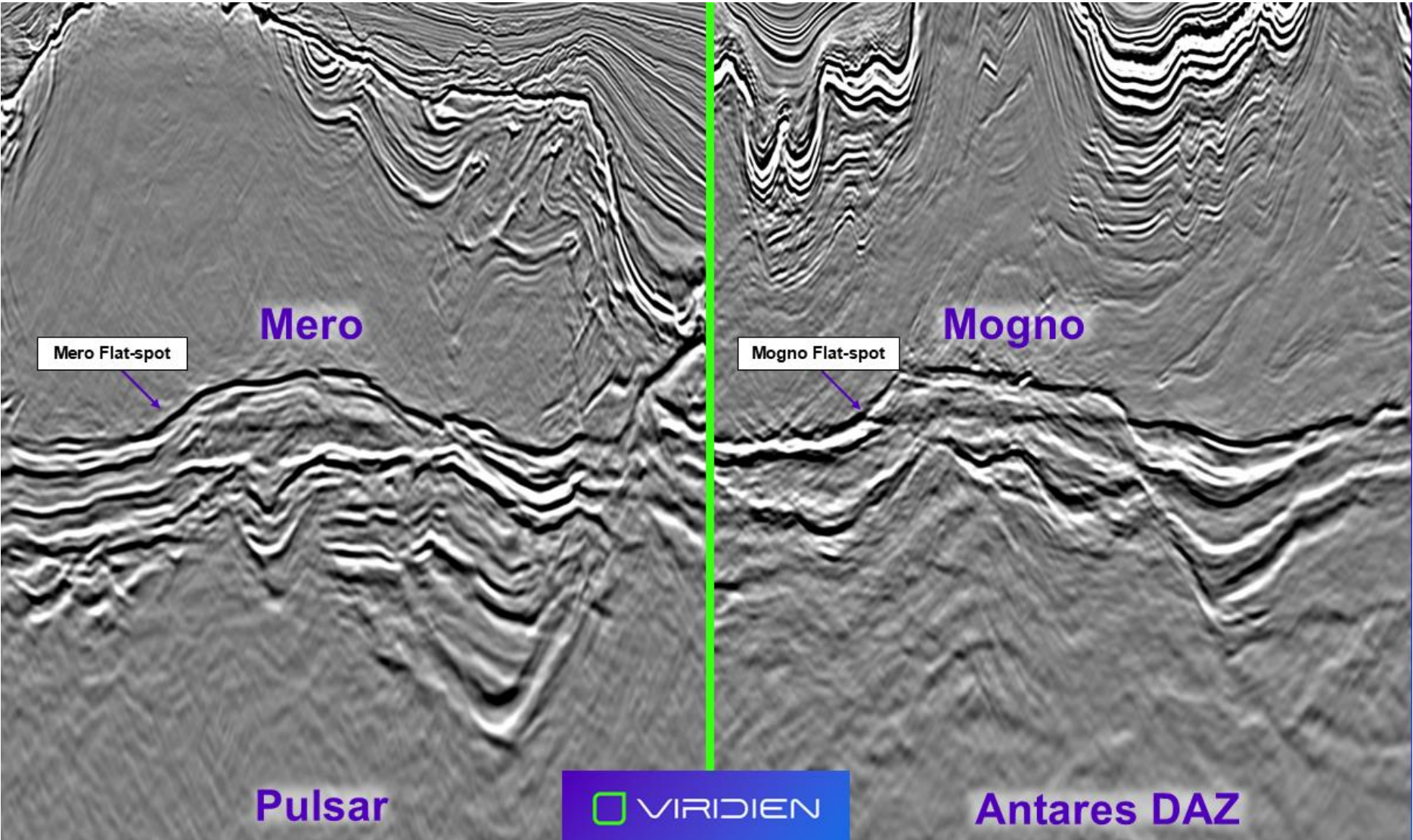
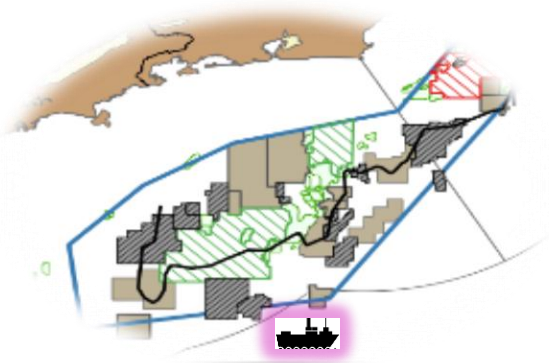
Data Courtesy of Viridien
R0264_SANTOS_CONSTELLATION_RTM

Organized by.



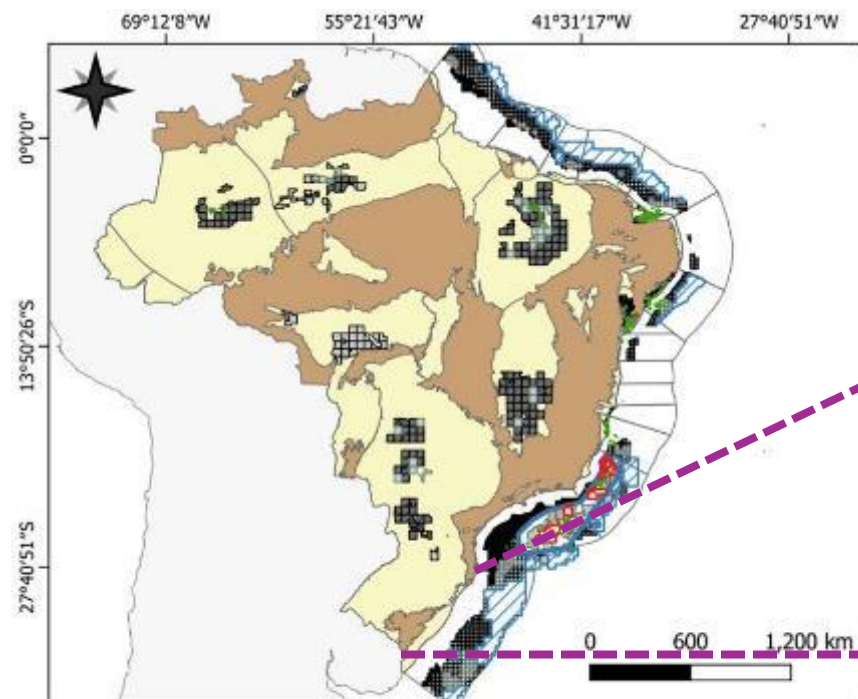
bpc2024.com.br

Opportunity Sample: Mogno Block – Santos Basin (OPP)

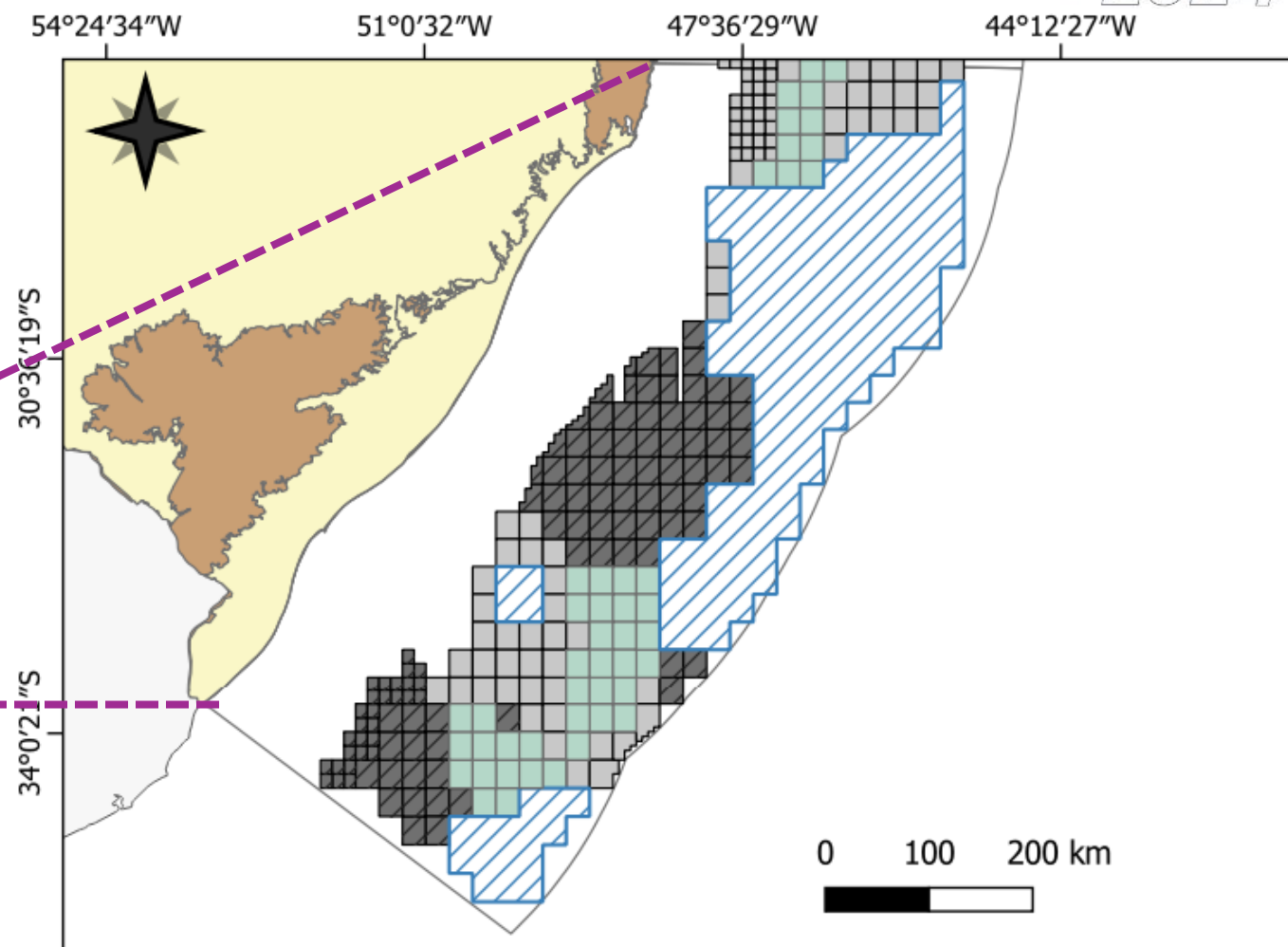


Permanent Offer – OPC Sample - 2024

OPC – Pelotas Basin

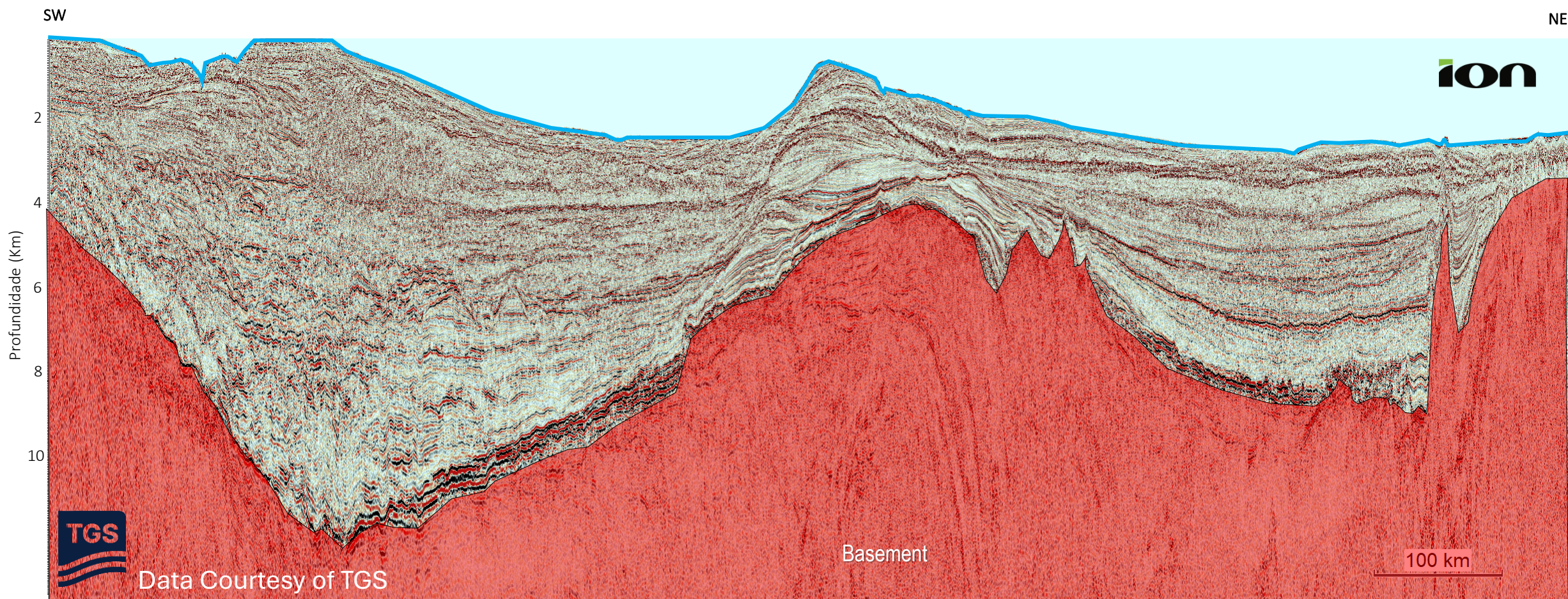


- | | | |
|--|--|--|
|  Calendário Estratégico OPP |  Blocos OPP |  Blocos OPC (Estudos) |
|  Calendário estratégico OPC |  Campos em D&P |  Blocos OPC (Oferta) |
|  Polígono do Pré-sal |  Blocos Exploratórios | |



Permanent Offer – OPC Sample - 2024

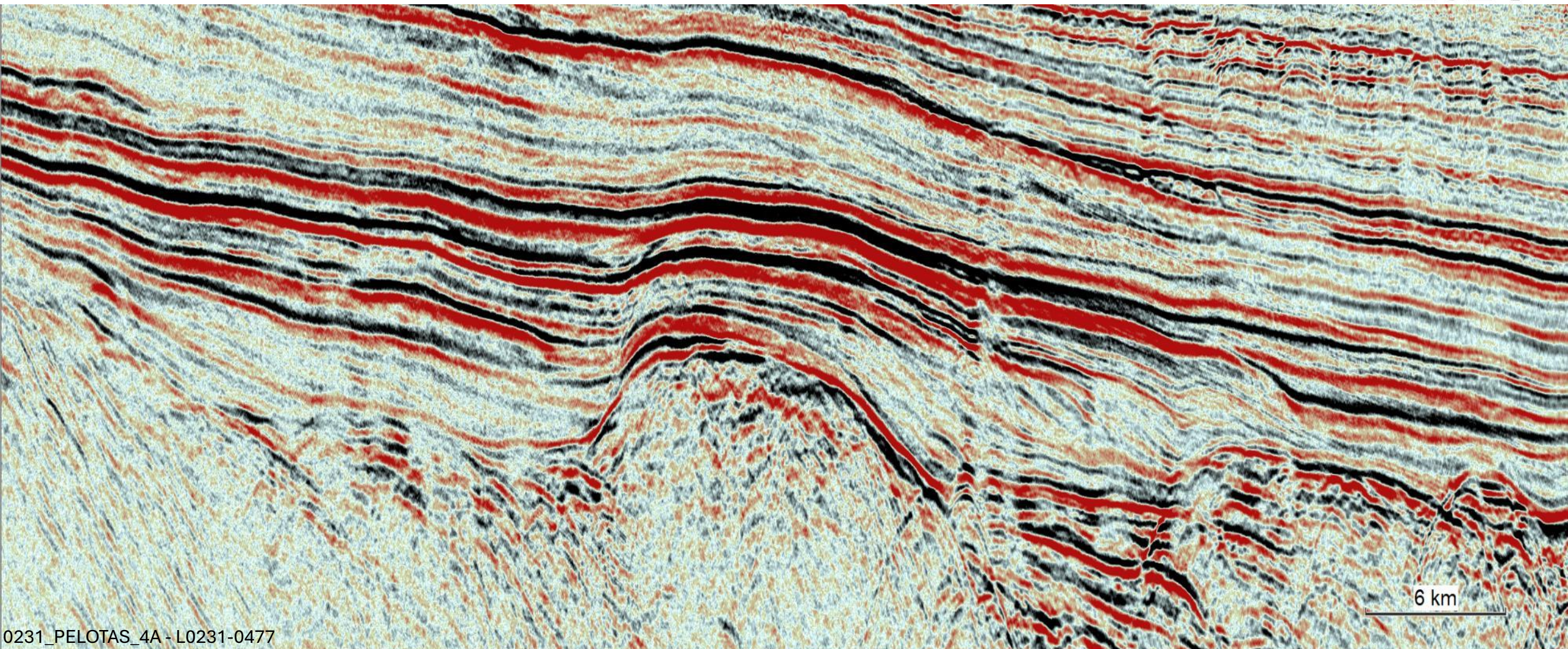
OPC – Pelotas Basin



0022_GREATERBRASILSPAN

Permanent Offer – OPC Sample - 2024

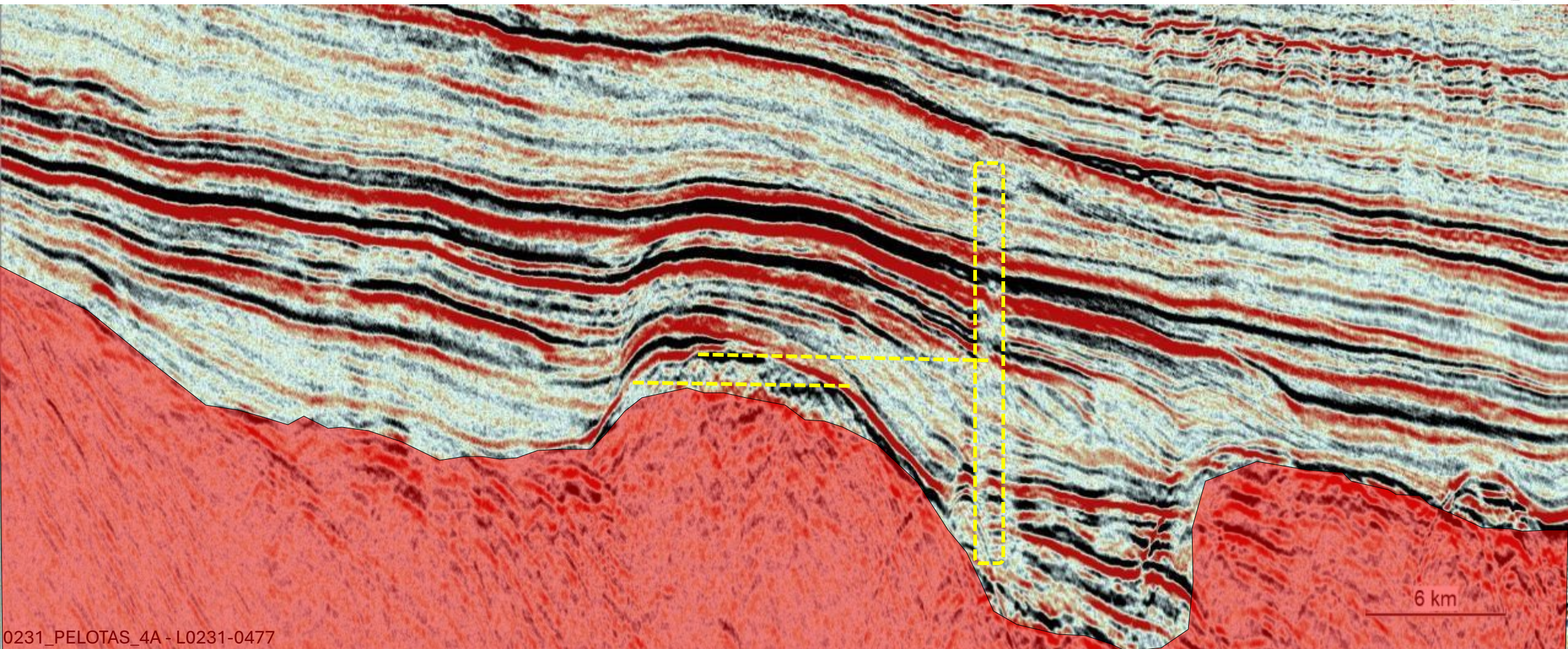
OPC – Pelotas Basin



0231_PELOTAS_4A - L0231-0477

Permanent Offer – OPC Sample - 2024

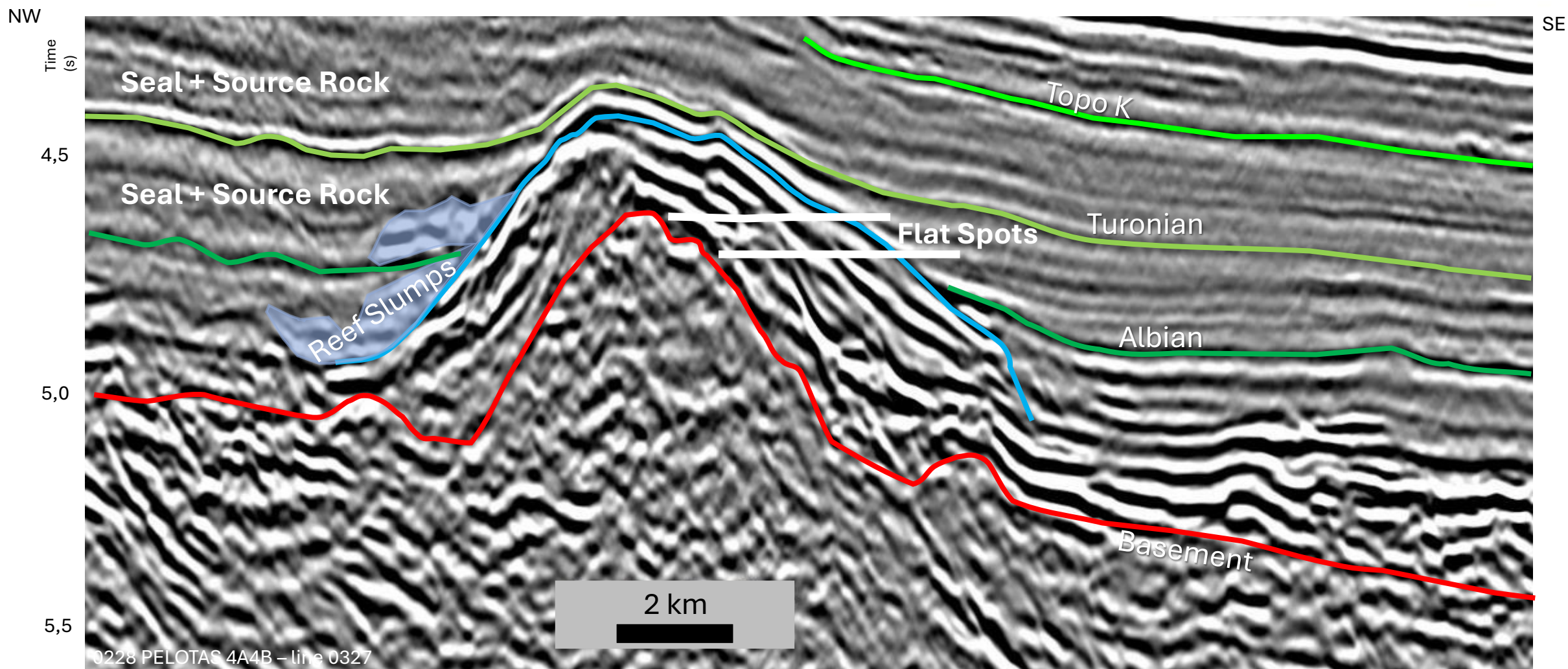
OPC – Pelotas Basin



0231_PELOTAS_4A - L0231-0477

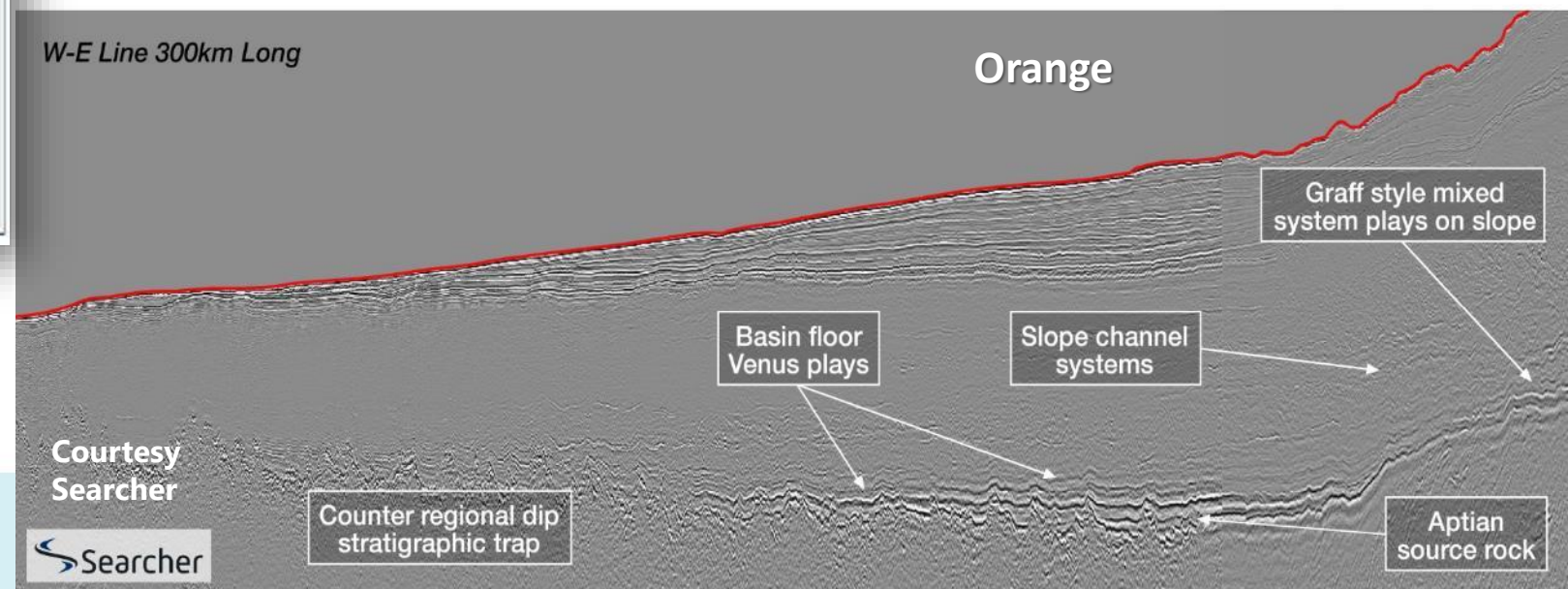
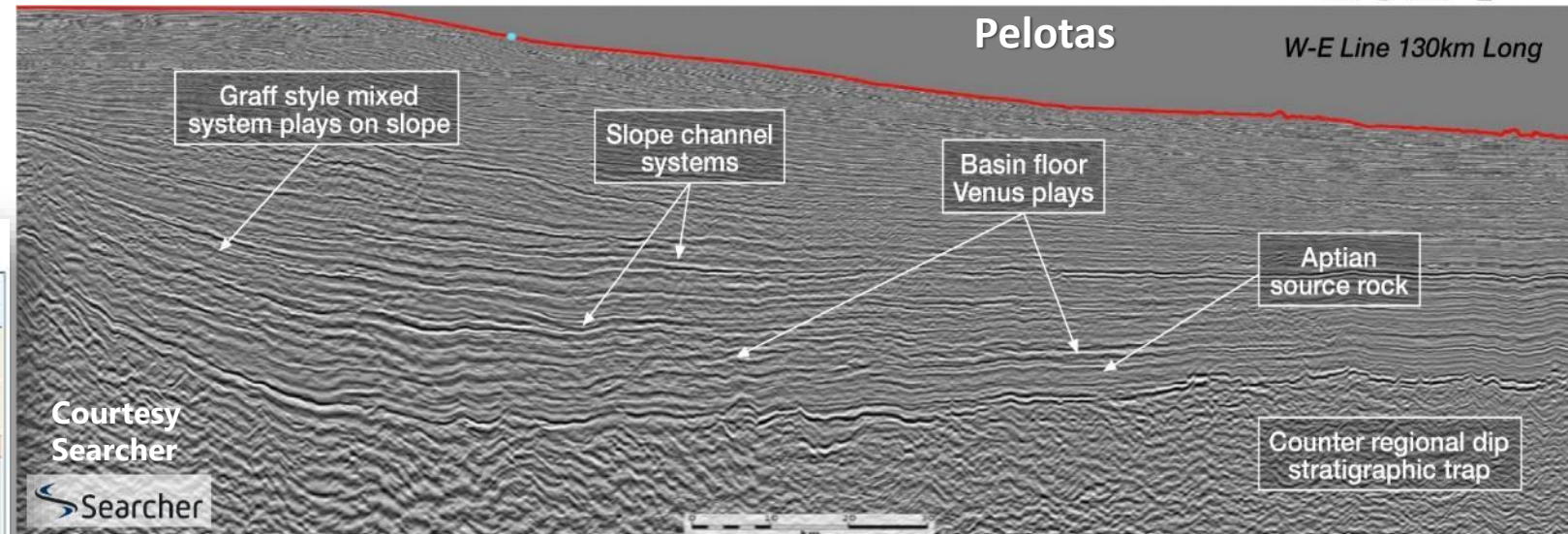
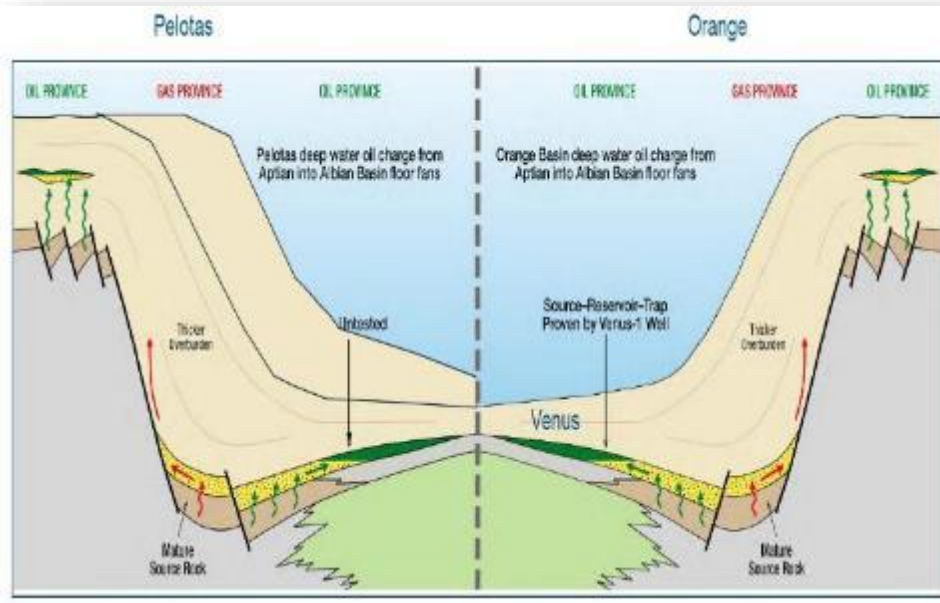
Permanent Offer – OPC Sample - 2024

OPC – Pelotas Basin



Permanent Offer – OPC Sample - 2024

OPC – Pelotas Basin

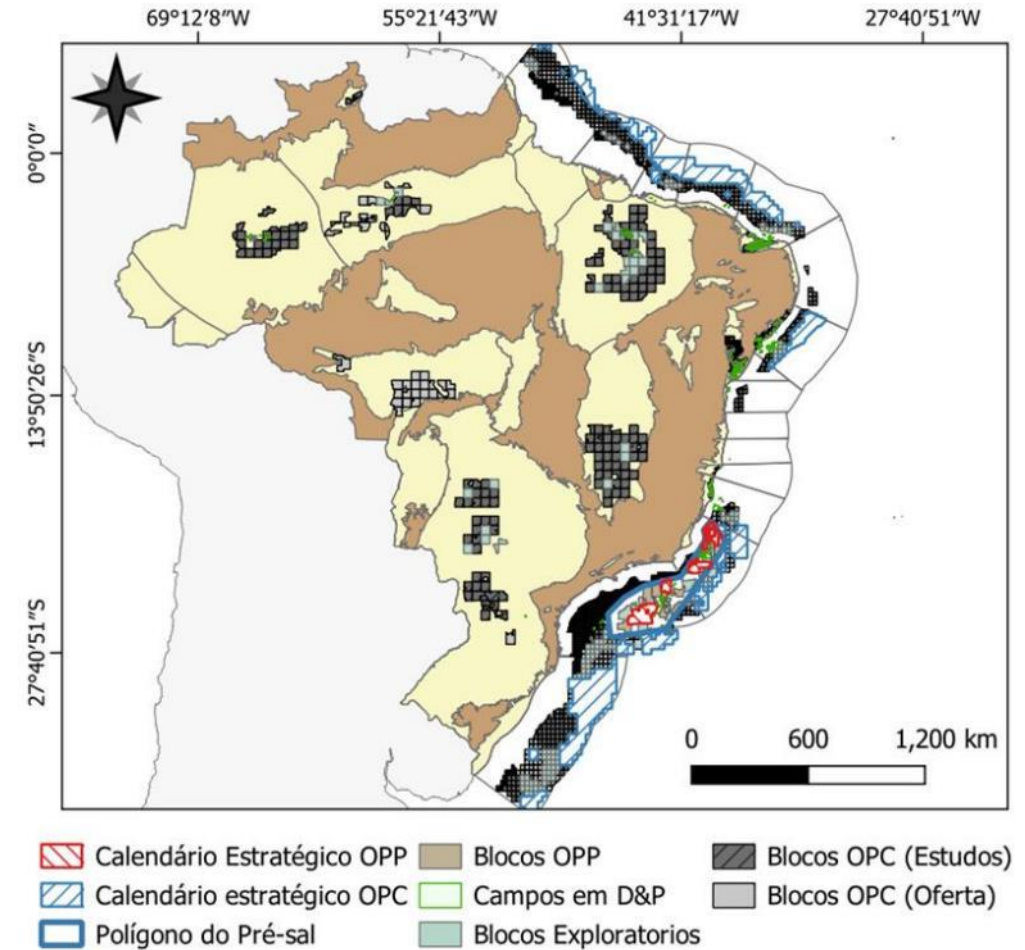


Permanent Offer – 2024-2025

OPC

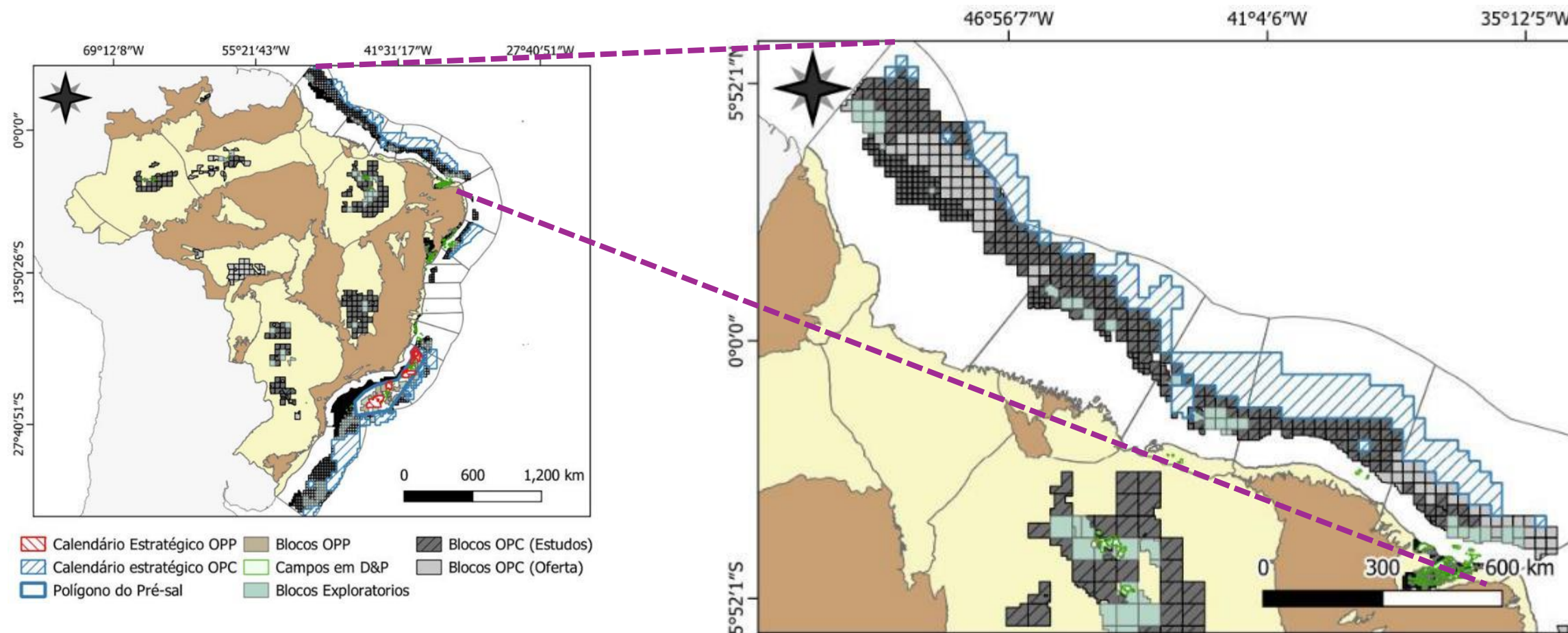
In the year 2025, the following studies will be prioritized:

- a) Sedimentary basins of the Equatorial Margin: Foz do Amazonas, Pará-Maranhão, Barreirinhas, Ceará and Potiguar;
- b) Reevaluation of the Campos, Espírito Santo (offshore) and Sergipe-Alagoas (offshore) basins;
- c) In a general context, the new frontier onshore basins and reassessment of mature onshore basins.



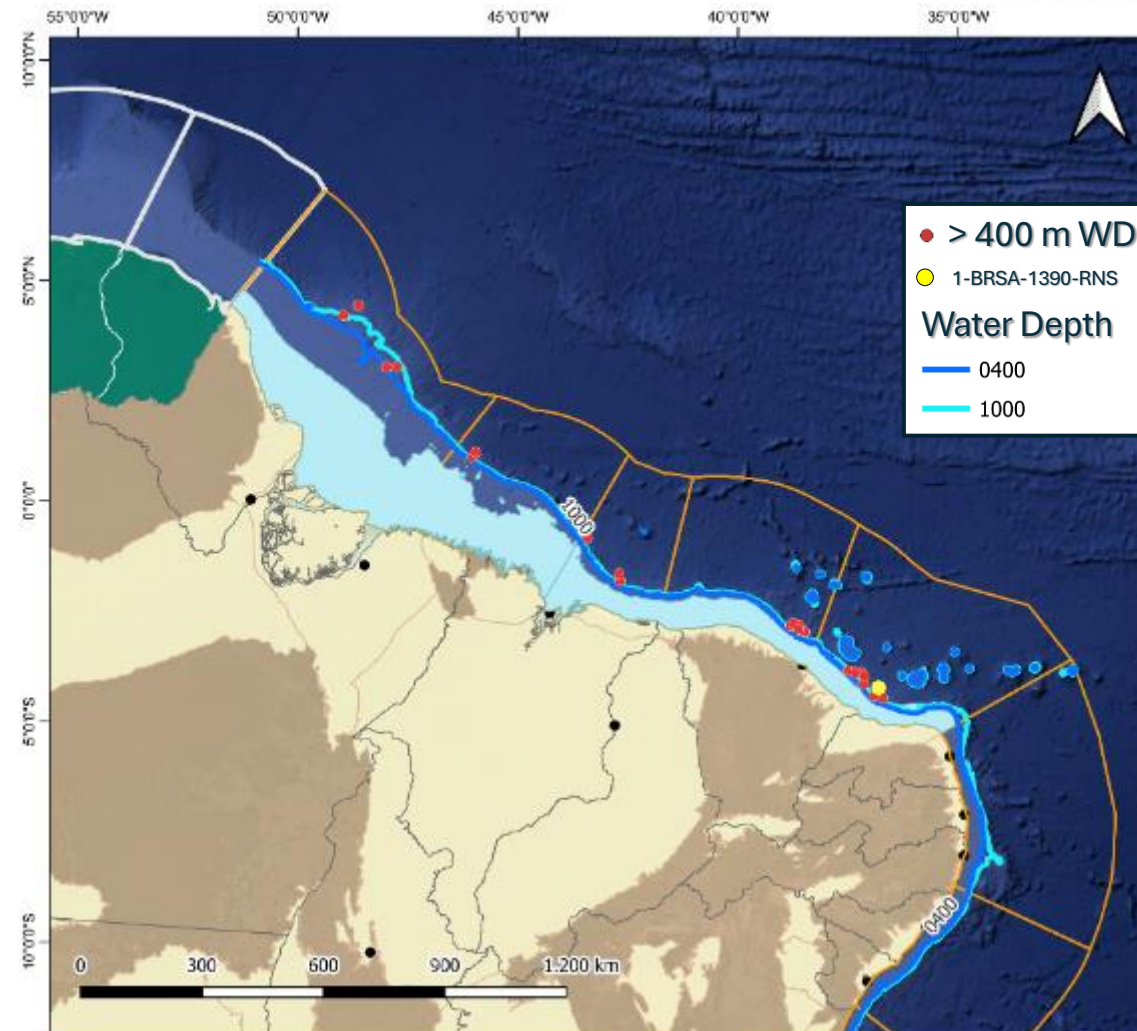
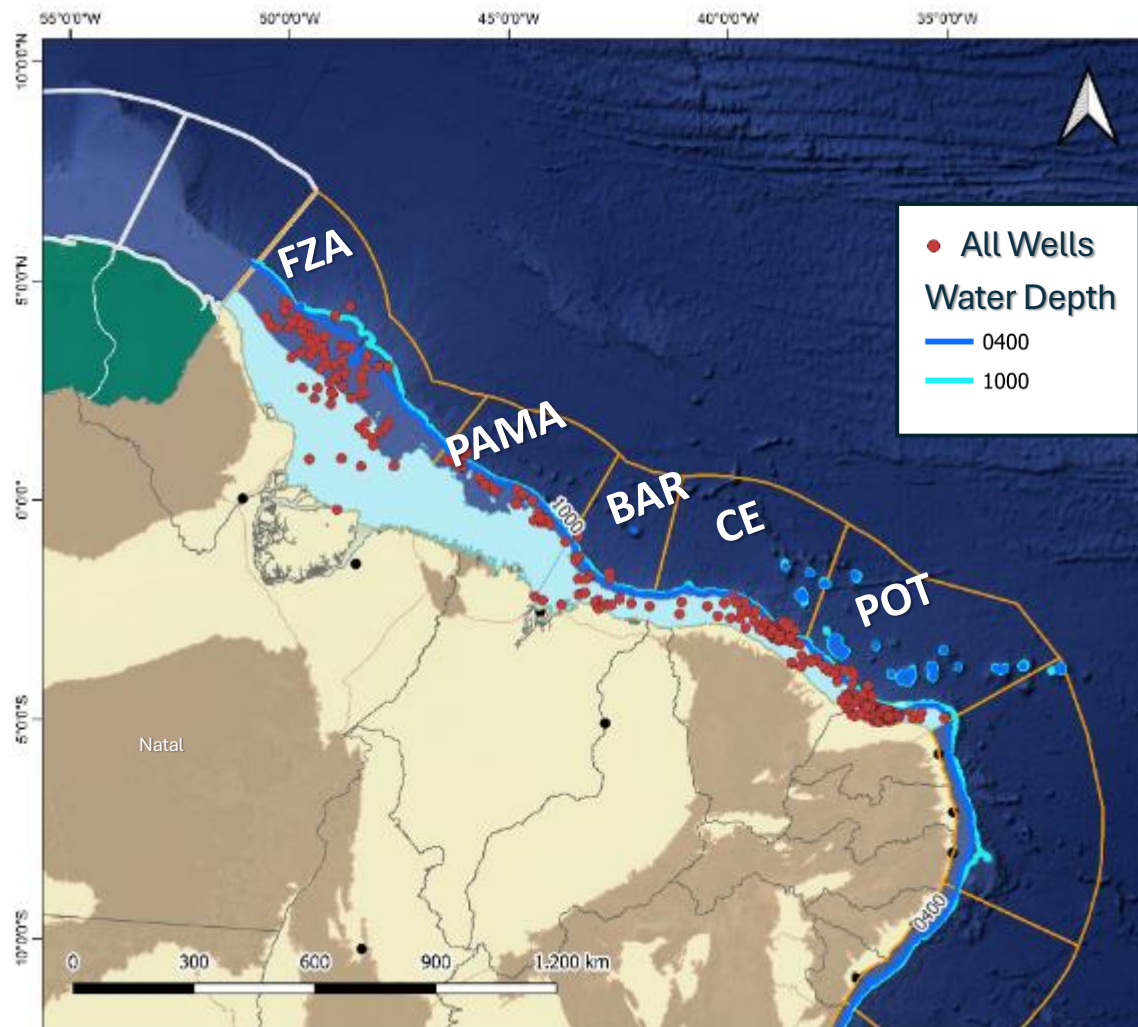
Permanent Offer – OPC Sample - 2025

OPC – Equatorial Margin Basins



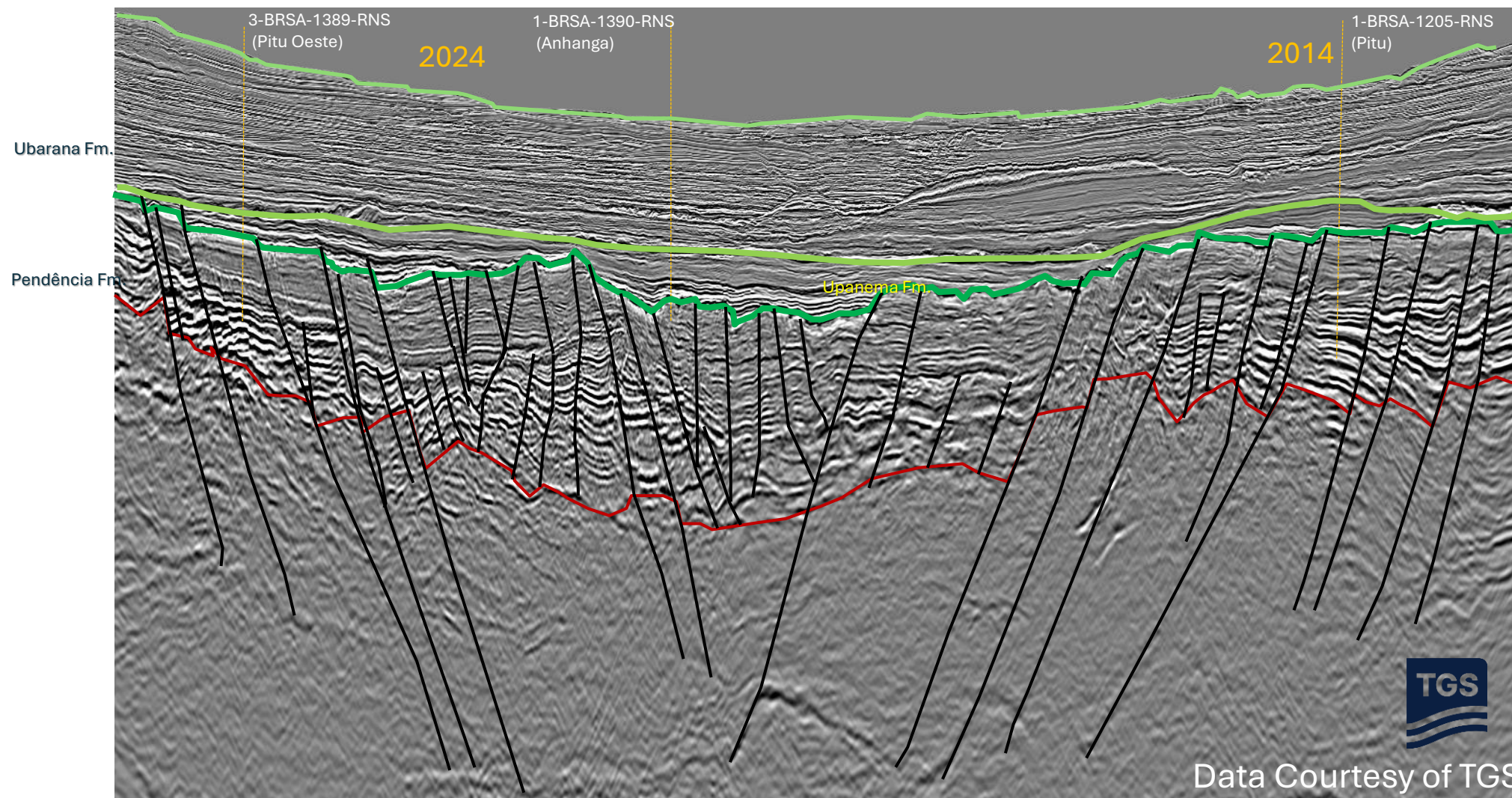
Permanent Offer – OPC Sample - 2025

OPC – Equatorial Margin Basins



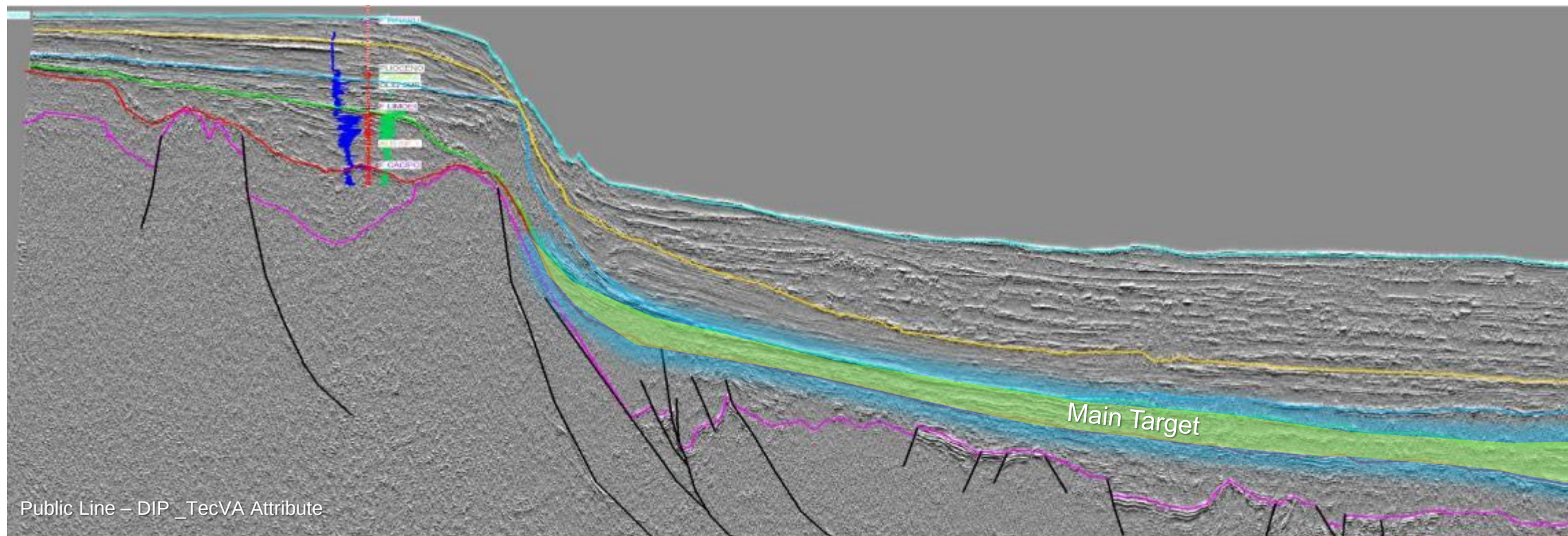
Permanent Offer – OPC Sample - 2025

OPC – Potiguar Basin



Permanent Offer – OPC Sample - 2025

OPC – Foz do Amazonas Basin

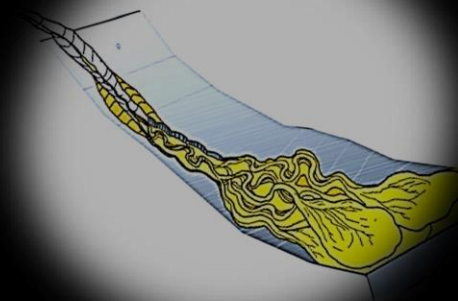
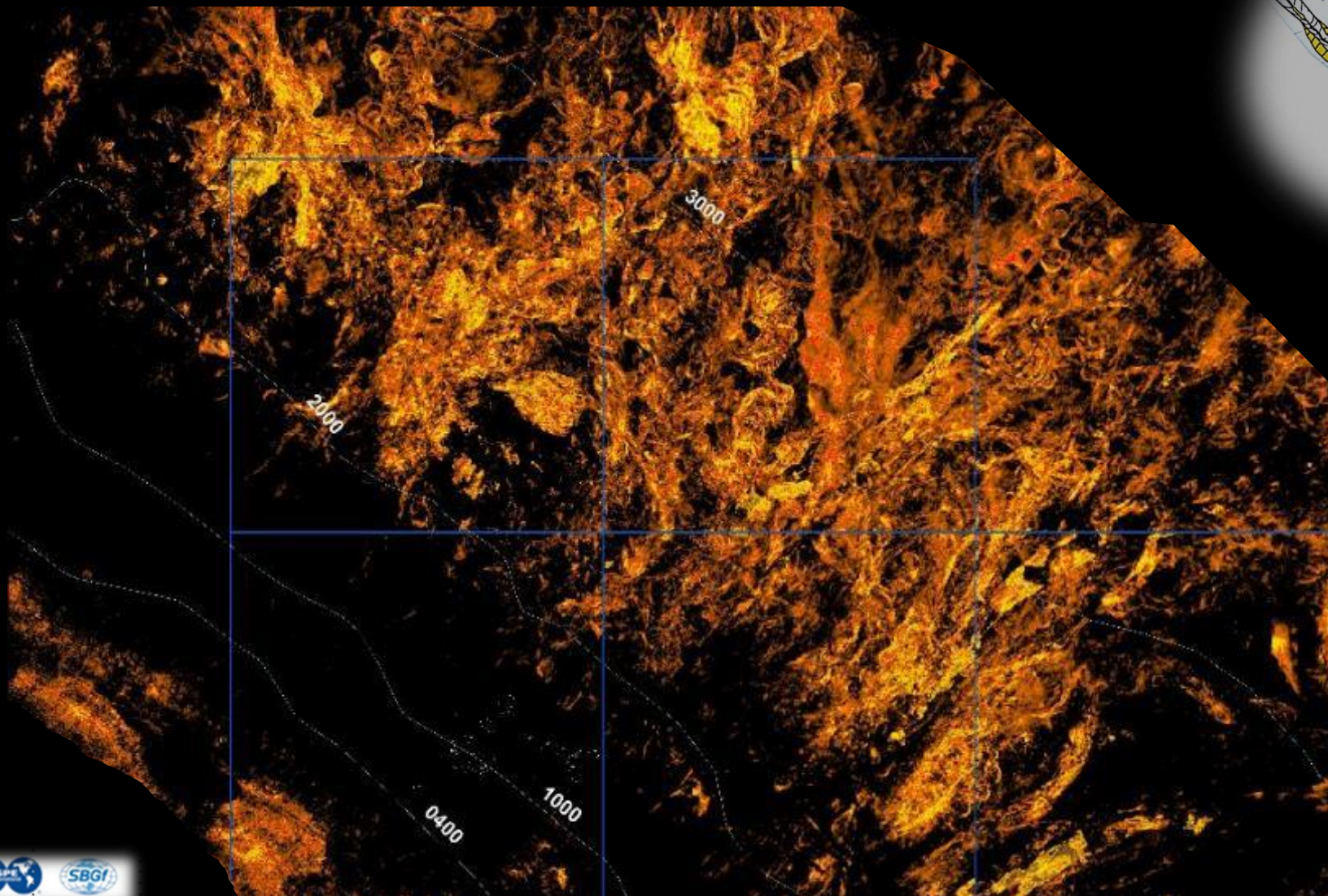




FZA BASIN

MINIMUM AMPLITUDE ATTRIBUTE: [MAXIMUM NEGATIVE VALUE]

ALBIAN – MAASTRICHTIAN INTERVAL



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Gás Natural e Biocombustíveis



**BRAZILIAN
PETROLEUM
CONFERENCE**
4th EDITION 2024

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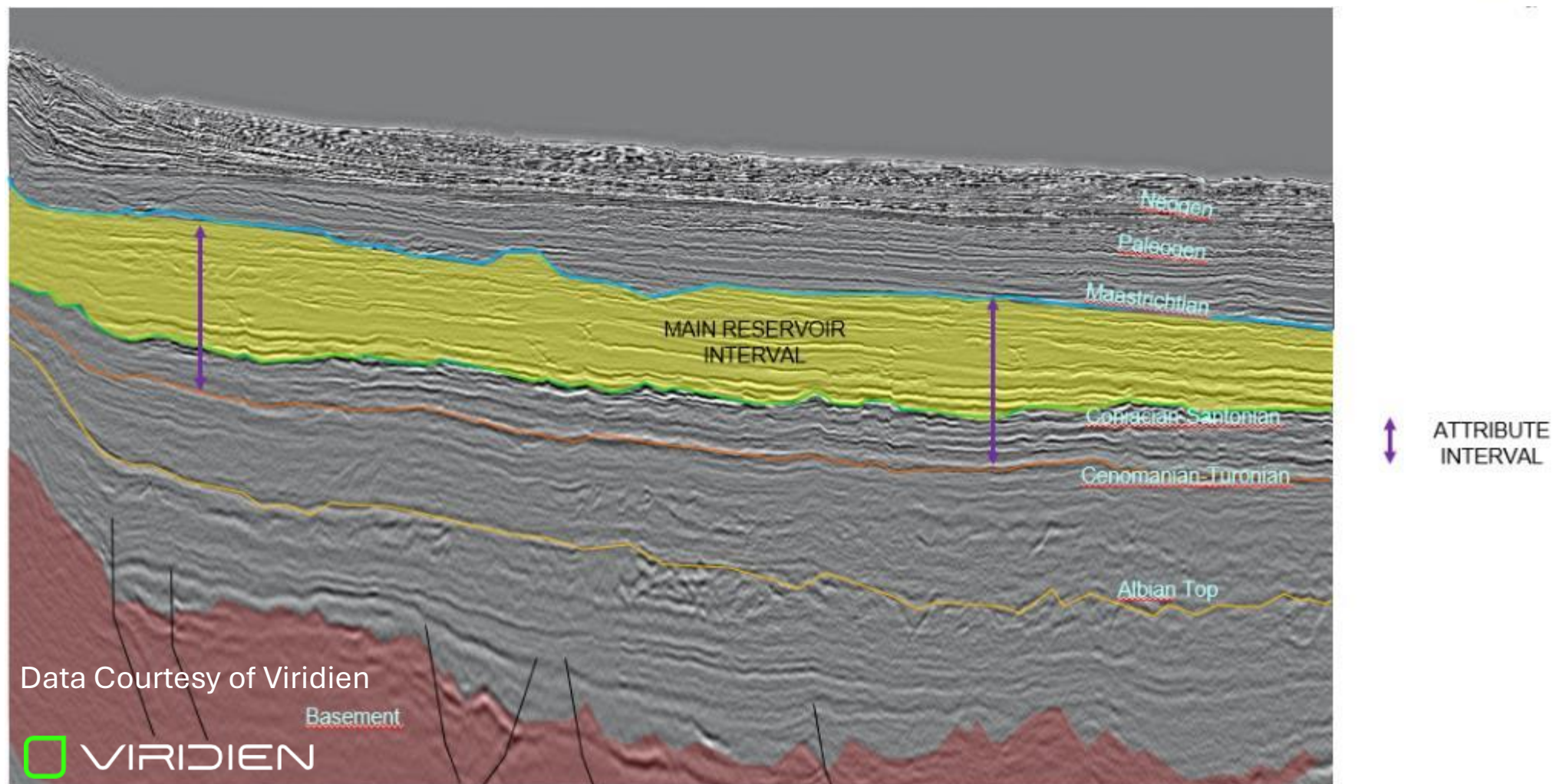
ABGP

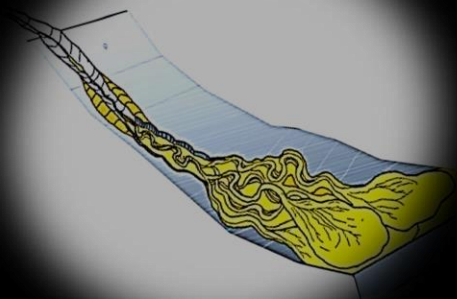


SBG

Permanent Offer – OPC Sample - 2025

OPC – Barreirinhas Basin

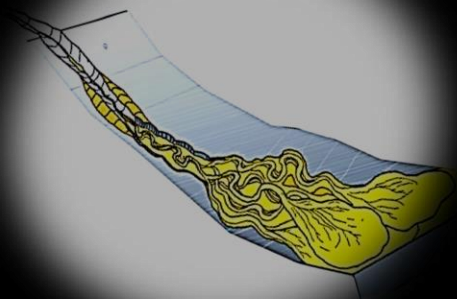




BAR BASIN

MINIMUM AMPLITUDE ATTRIBUTE: [MAXIMUM NEGATIVE VALUE]

TURONIAN – MAASTRICHTIAN INTERVAL



BAR BASIN

MINIMUM AMPLITUDE ATTRIBUTE: [MAXIMUM NEGATIVE VALUE]

TURONIAN – MAASTRICHTIAN INTERVAL

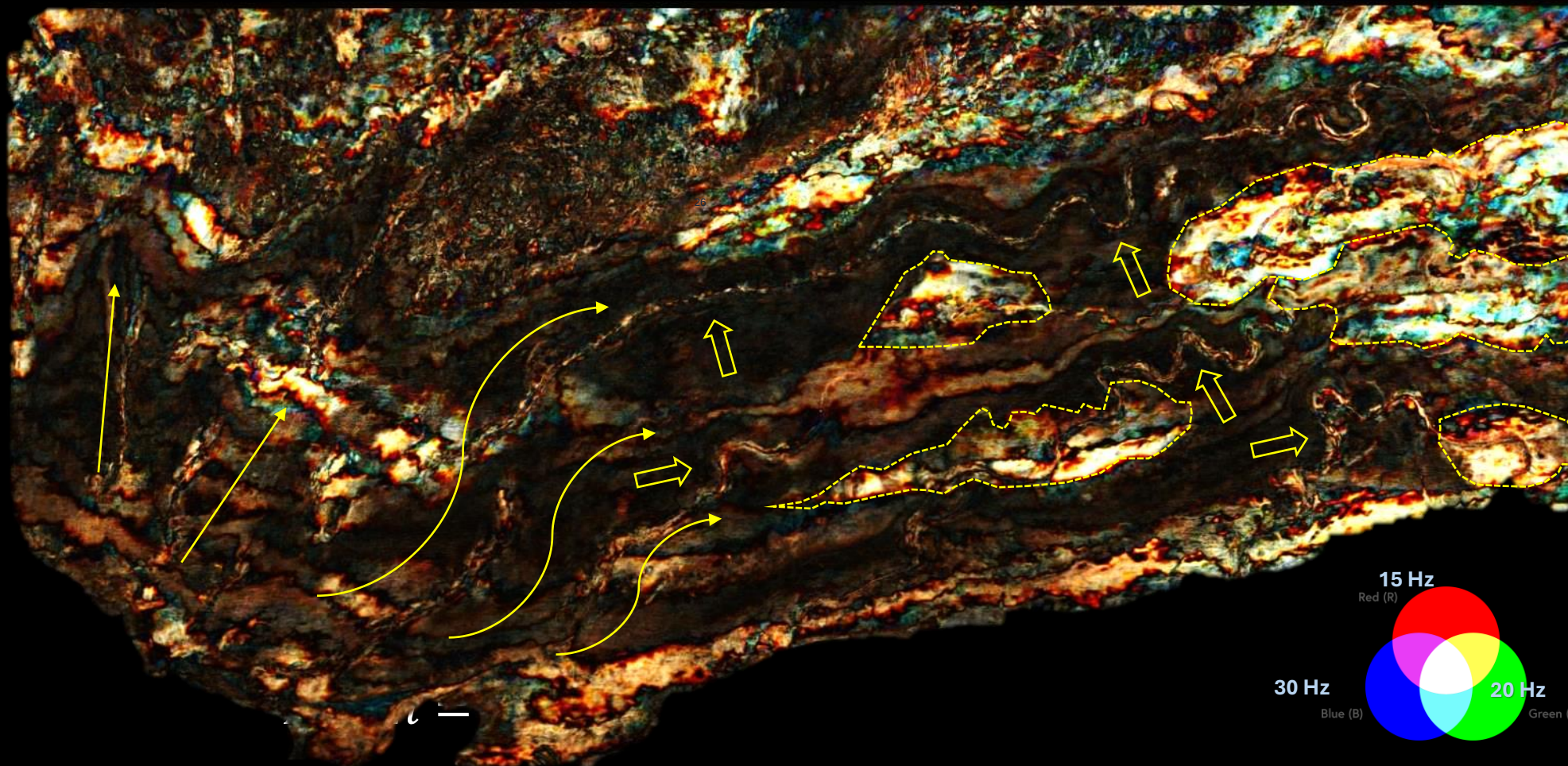


BAR BASIN

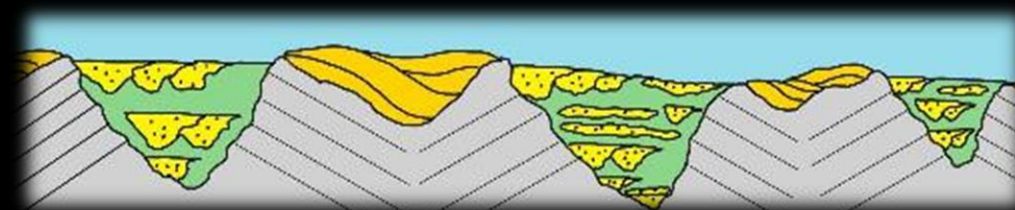
SPECTRAL DECOMPOSITION ATTRIBUTE (RGB) FOR ENHANCE SEISMIC GEOMETRIES



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do Petróleo,
Gás Natural e Biocombustíveis

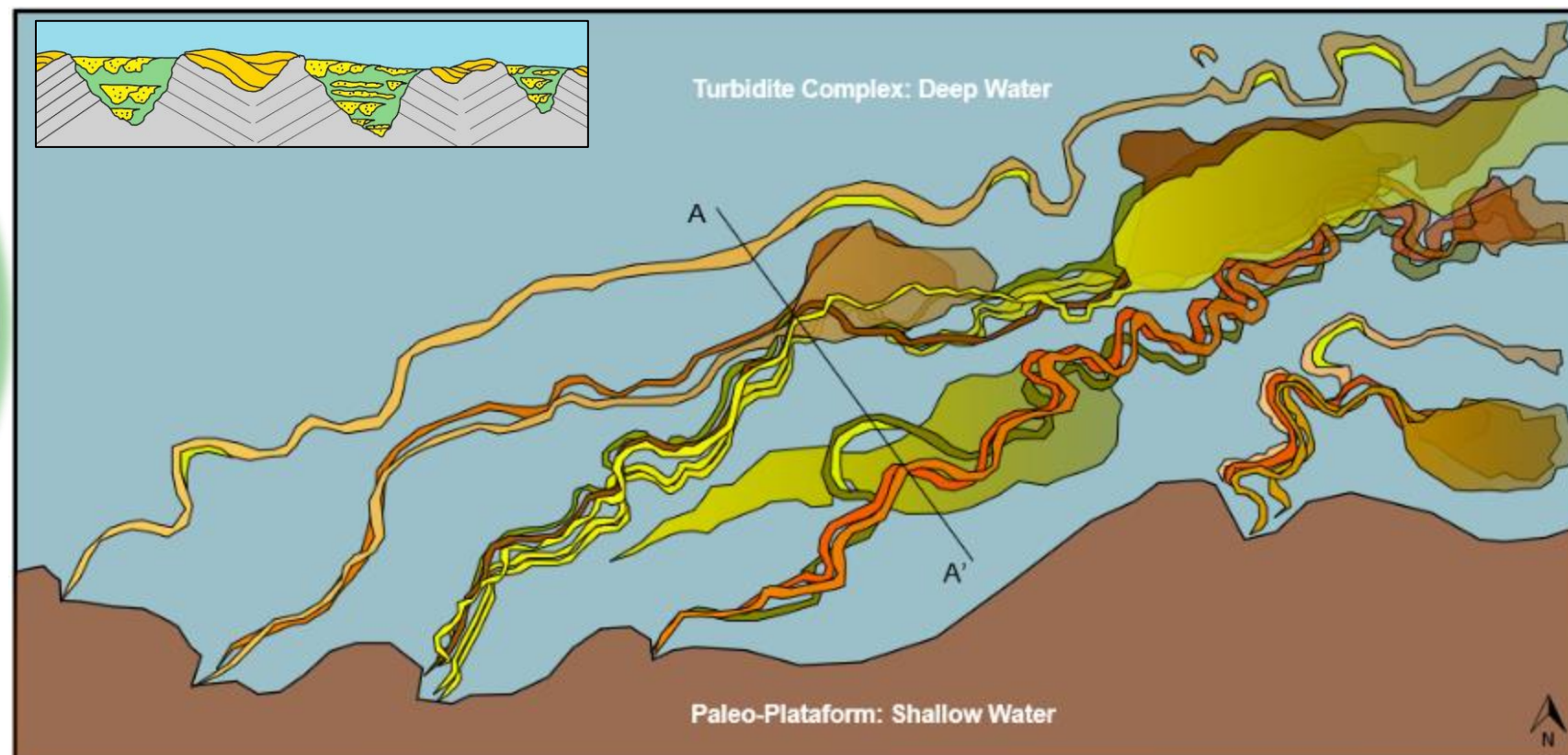


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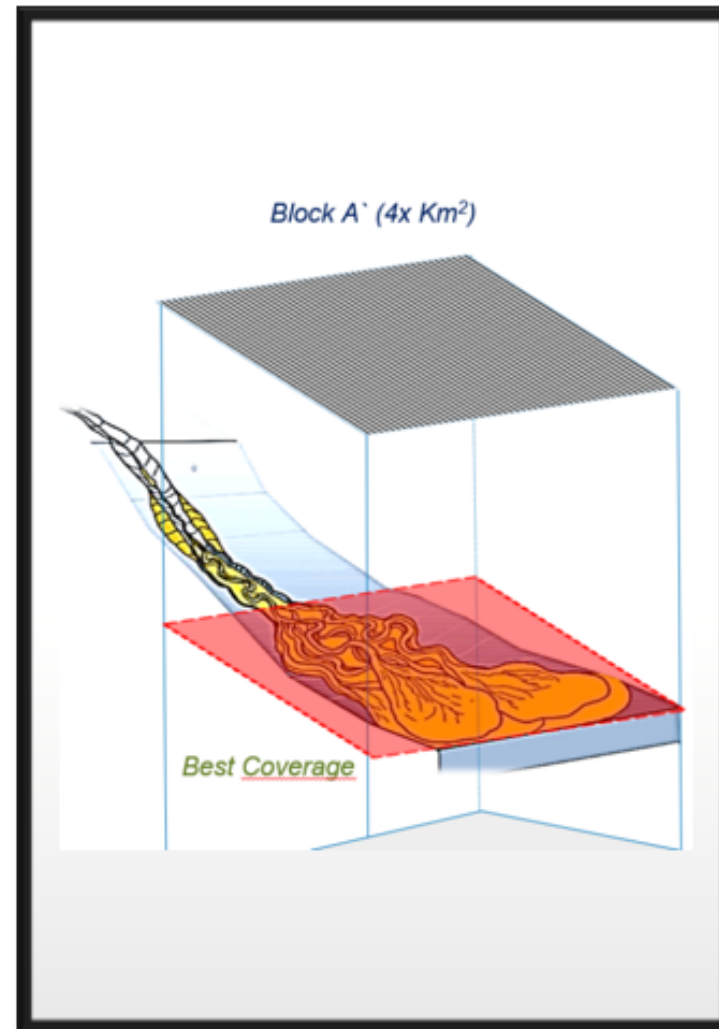
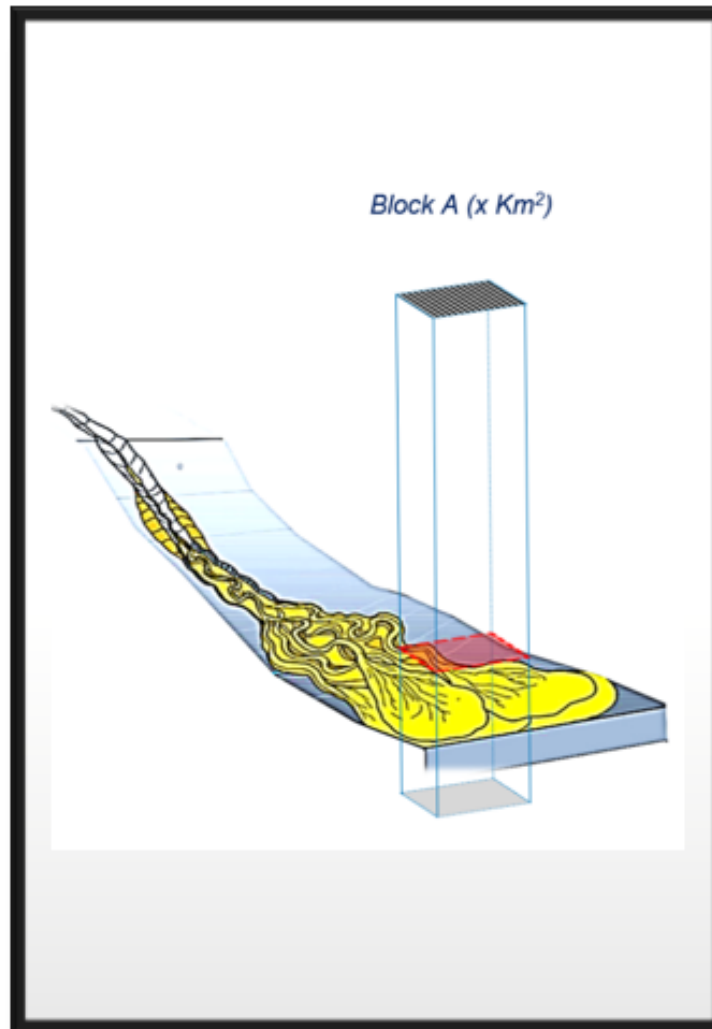
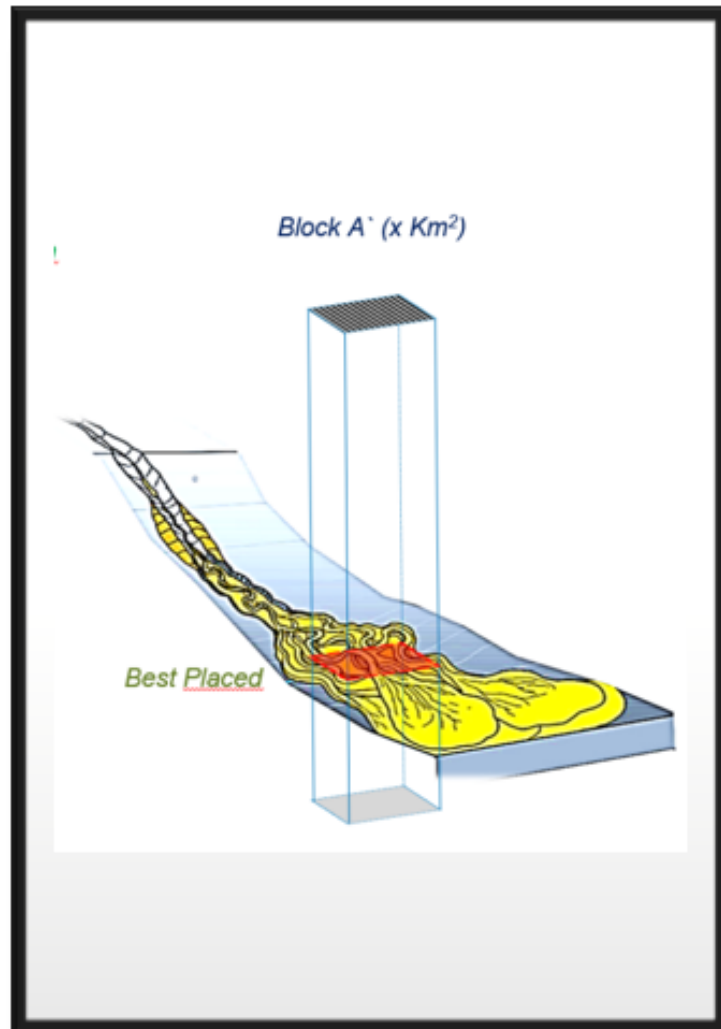
Permanent Offer – OPC Sample - 2025

OPC – Barreirinhas Basin



A powerful tool for effectively engaging with the market

RES ANP 837 / 2021 - NOMINATION



A powerful tool for effectively engaging with the market

RES ANP 837 / 2021 - NOMINATION



The nomination is the designation of an area by any legal entity in the oil and natural gas industry so that the ANP can study the possibility of offering it in a future bidding round

The exploratory block nomination must be forwarded to the Geological and Economic Assessment Superintendence (SAG) with the Process Type Area Nomination - Exploratory Block, and the area nomination with marginal accumulations to the Development and Production Superintendency (SDP) with the Process Type Area Nomination - Marginal Accumulations

"Nominations are a fully confidential process"

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Drafts of the Tender Protocol and Contracts

Permanent Offer [OPP and OPC]



The bidding instruments are constantly evaluated by the ANP for improvements. The ANP discloses the blocks and areas under study and, after obtaining environmental guidelines, starts to include them in the list of objects of the Permanent Offer, through a Public Hearing. The blocks and areas that have recently undergone a Public Hearing and have no changes in their technical-economic parameters may be included directly in the Permanent Offer, and wide publicity will be given on this website.

OPC - Public Consultation and Public Hearing nº 02/2024 (in progress)

<https://www.gov.br/anp/pt-br/rodadas-anp/oferta-permanente/opc/blocos-exploratorios>
https://www.gov.br/anp/pt-br/rodadas-anp/oferta-permanente/opc/arquivos/mapas/blocos-em-consulta-e-audiencia-publica-no-02-2024/mapa_geral_opc5_em_oferta_404_blocos.pdf

OPP - Public Consultation and Public Hearing nº 06/2024 (in progress)

<https://www.gov.br/anp/pt-br/rodadas-anp/oferta-permanente/opp/cap>

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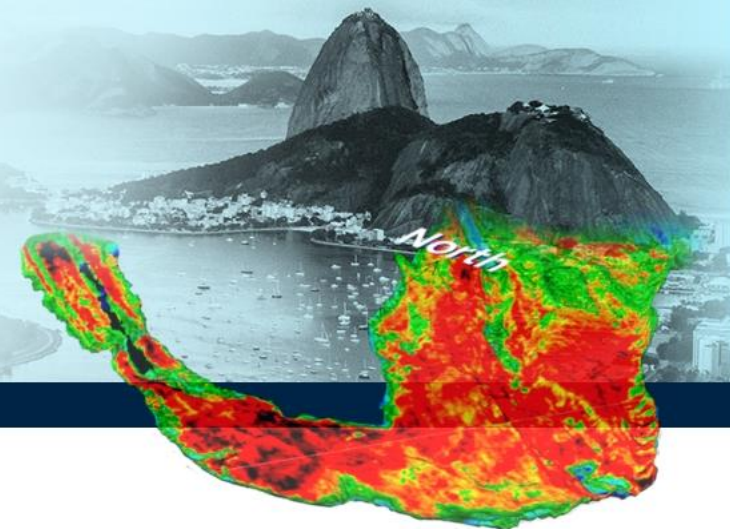


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EXPLORATORY FRONTIERS: FROM PETROLEUM TO NEW ENERGIES

29-31 OCTOBER

Bolsa do Rio Convention Center - Rio de Janeiro



THANK YOU!

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+55 21 2112-8585