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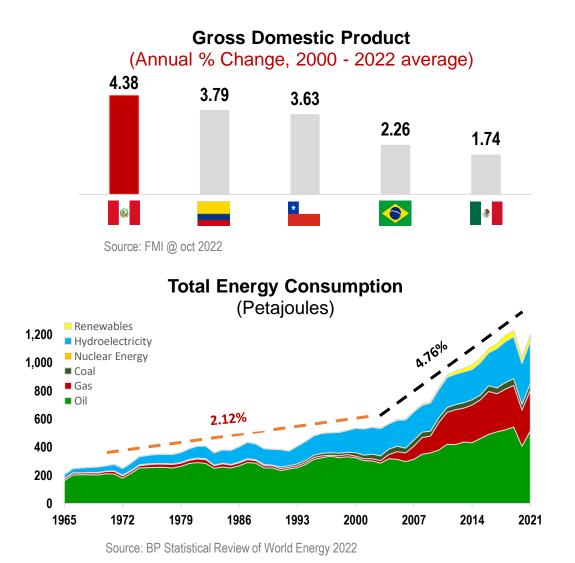
CURRENT SITUATION IN PERU



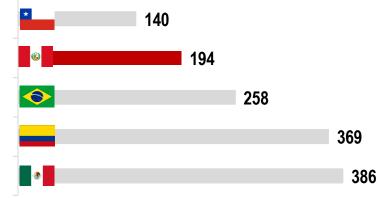
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MACROECONOMIC DATA



Latin American Country Risk - 2022

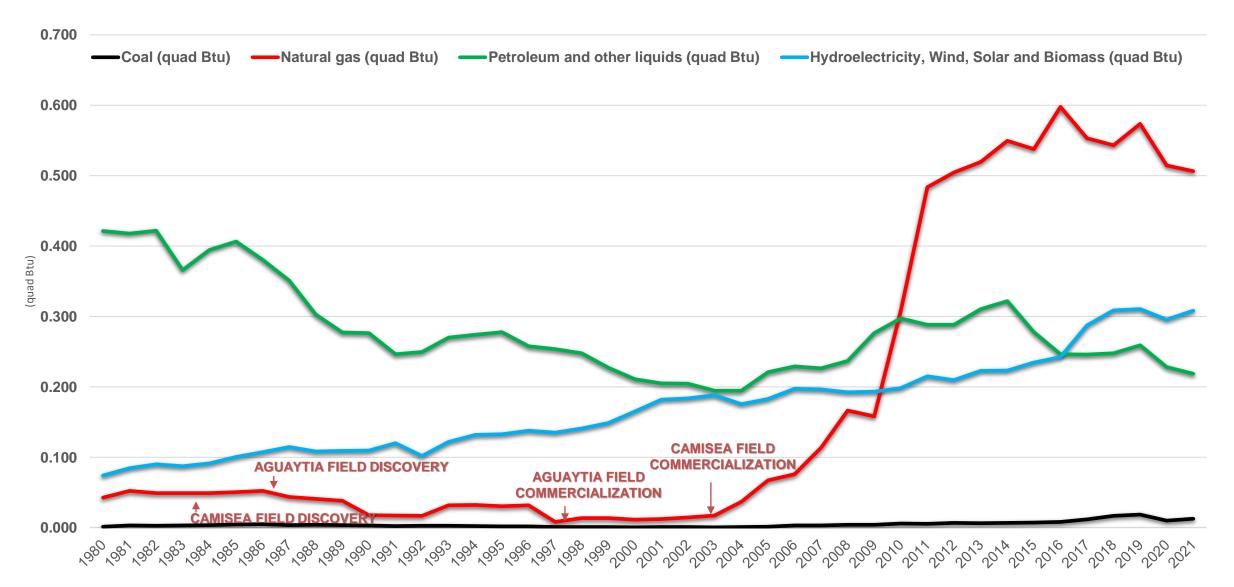


Source: JP Morgan – BCRD @ dec 2022

- Population: 33.3 million
- **Urban:** 77%
- **Rural:** 23%
- Area: 1,29 million km²



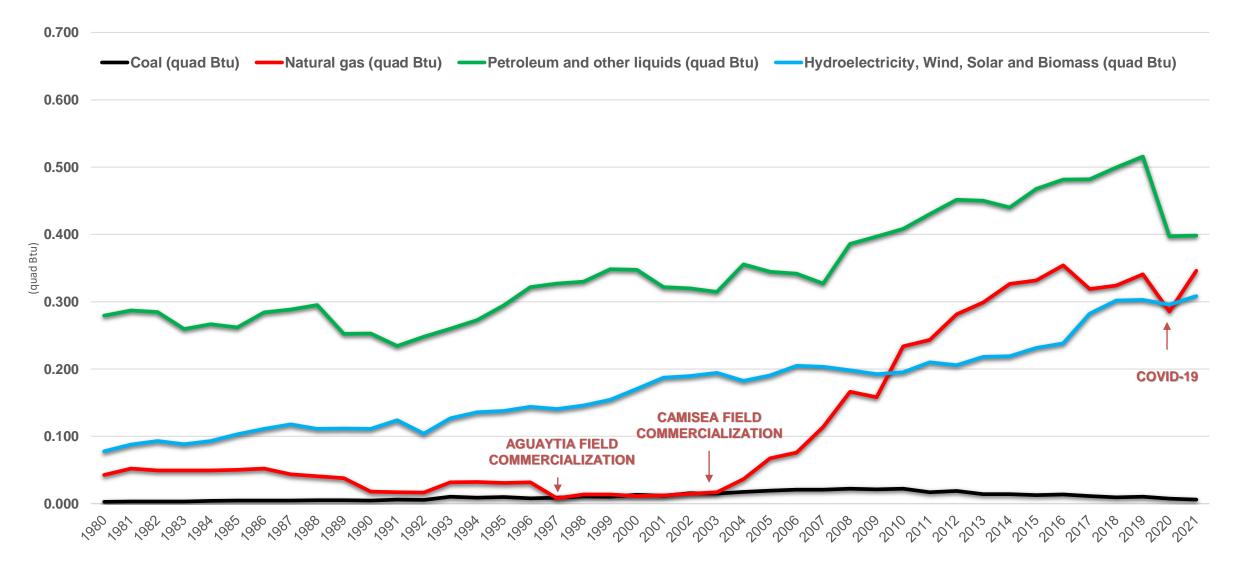
ENERGY PRODUCTION IN PERU



Source: EIA (U.S. Energy Information Administration)



ENERGY CONSUMPTION IN PERU



Source: EIA (U.S. Energy Information Administration)

PERUVIAN CONTRACTING FRAMEWORK



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LEGAL FRAMEWORK



- Peruvian Constitution
- Hydrocarbon Organic Law (Law 26221)
- Open Access
- Free Competition
- Freedom to sell the production
- Freedom to set prices
- "Contract-Law"
- Stability of tax regime
- Import tax exception (exploration phase)

"In situ" Hydrocarbons are owned by the Peruvian Government.	PERUPETRO the right of ownership over the Hydrocarbons extracted
PERUPETRO can enter into License, Service or other type of Contracts and Agreements with OC.	PERUPETRO's property right over extracted hydrocarbons are transferred to Licensees

Important: 18% sales tax refund (exploration)



Regulations for the environmental protection Supreme Decree 039-2014-EM



Royalties & Retributions Regulations Supreme Decree 049-93-EM & 017-2003-EM

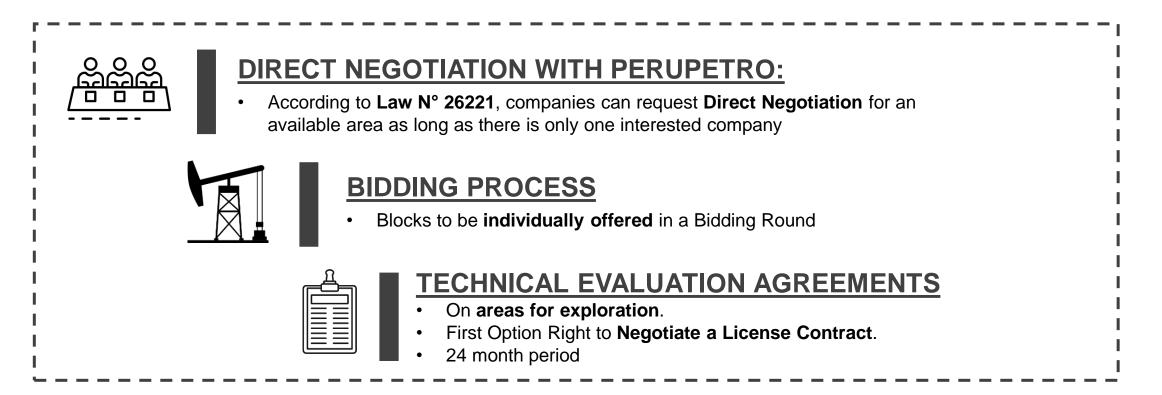


Regulations for Citizenship Participation Supreme Decree 002-2019-EM





HOW TO STEP IN PERU?





- PERUPETRO will evaluate the technical, economic and financial capacity of the company (Qualification process)
- Companies may consult existing technical information at PERUPETRO's Data Base at free cost. (bancodedatos.perupetro.com.pe)



LICENSE CONTRACTS

Royalties linked to success:

- From 5% to 20%, depending on the volume of production; or
- From **15% to 35%** depending on a "R" Factor (reduction is considered in case of mature fields)

Ability to keep Non Commercial Discoveries:

- 5 years for Oil Discoveries to make transportation possible
- 10 years for Non-associated Natural Gas to develop a market.

Exploratory Working Units in excess of the amount committed in one period may be carried forward to the following period



LONG DURATION CONTRACTS



• 7 years + 3 years extension.

Production Phase

- Oil and Associated-Gas Production: **Up to 30 years**.
- Non-associated Gas production: **Up to 40 years**.

RESERVES & RESOURCES

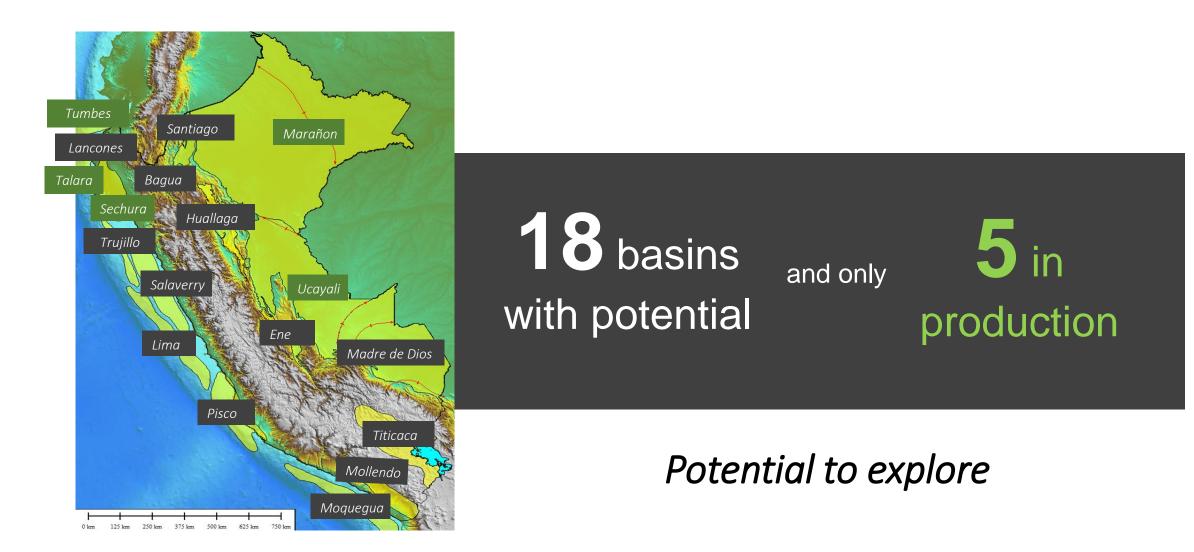


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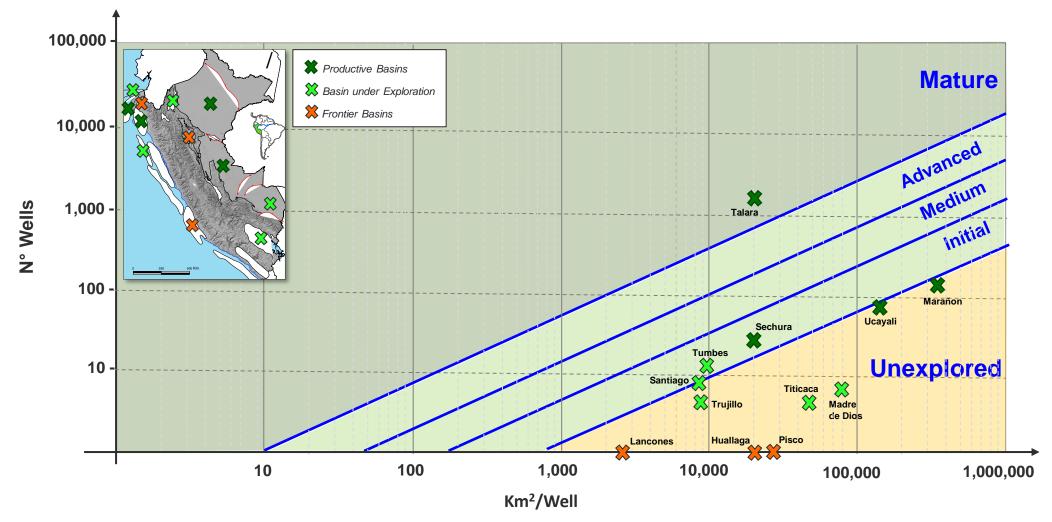


PERU: COUNTRY OF OPPORTUNITIES



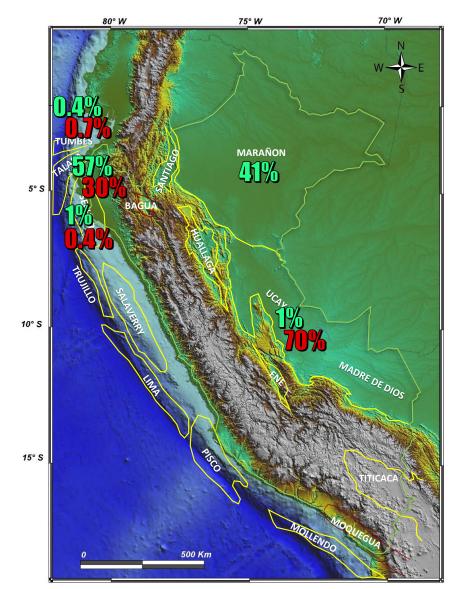


KNOWLEDGE OF THE PERUVIAN BASINS

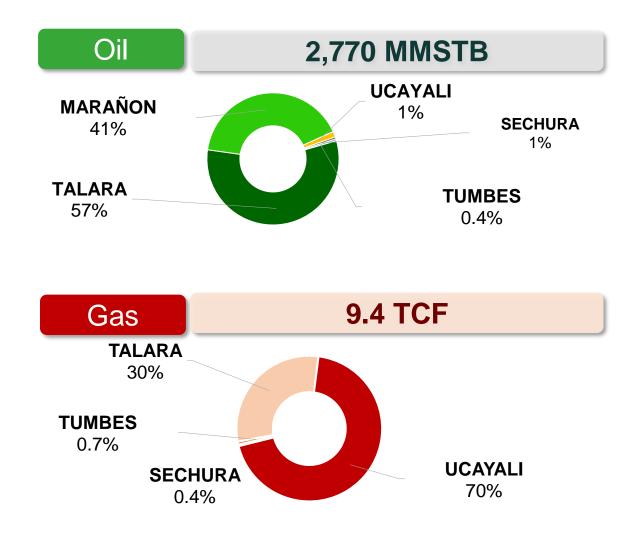


PRODUCED HYDROCARBONS





Accumulated at december 2022

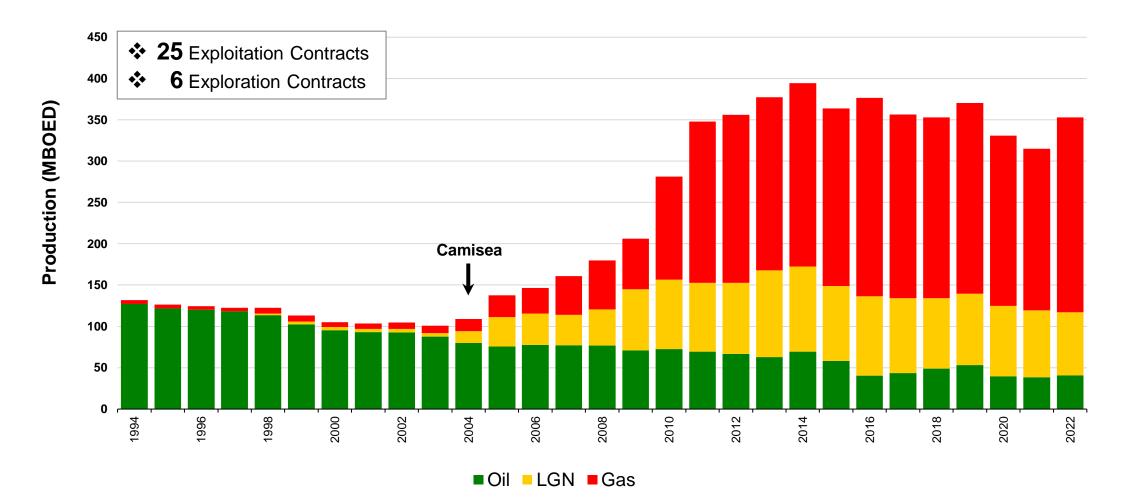


Source: Perupetro 2022



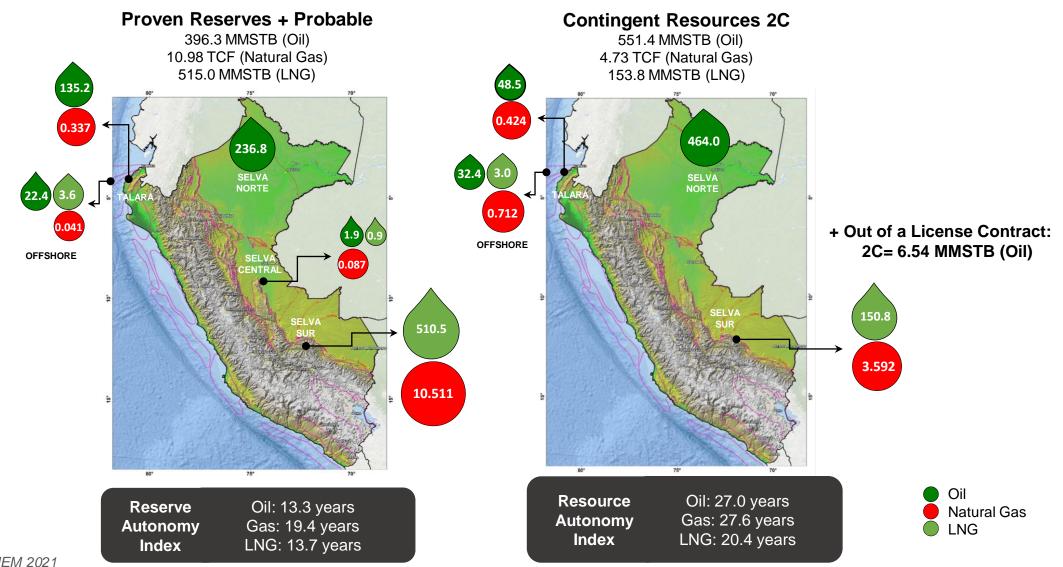


HISTORICAL HYDROCARBONS PRODUCTION



HYDROCARBON RESERVES AND RESOURCES

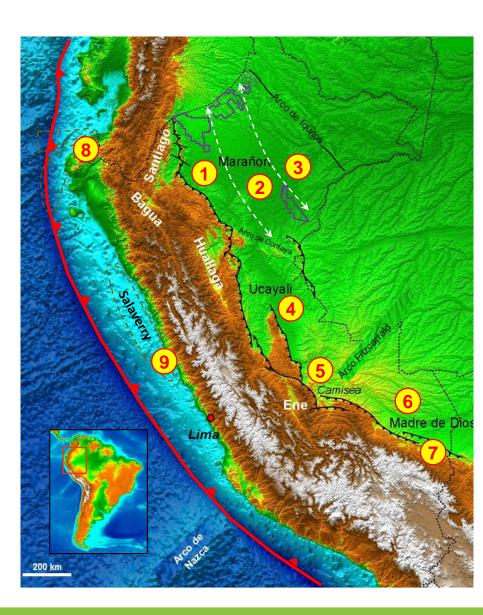


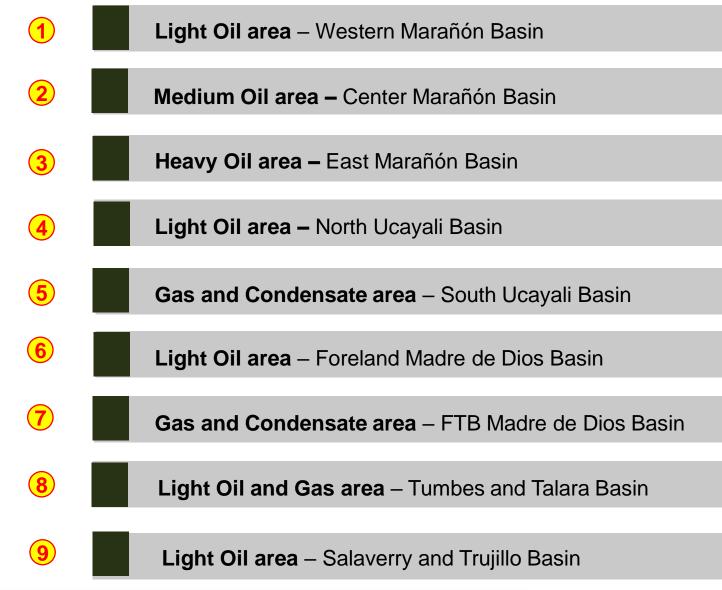


Source: MINEM 2021

PROMOTION AREAS

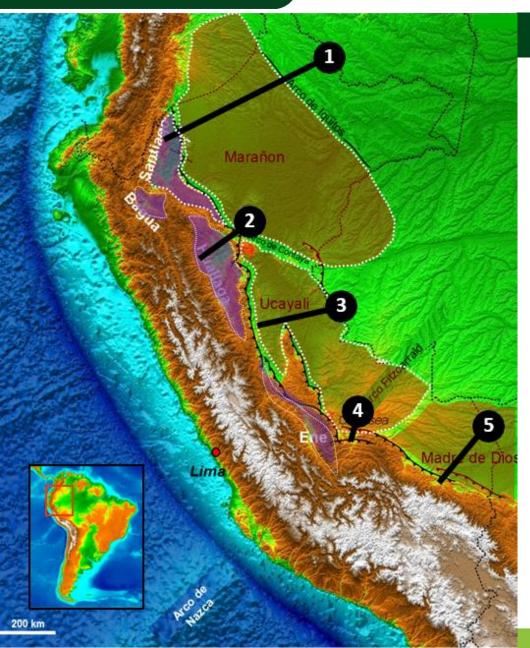




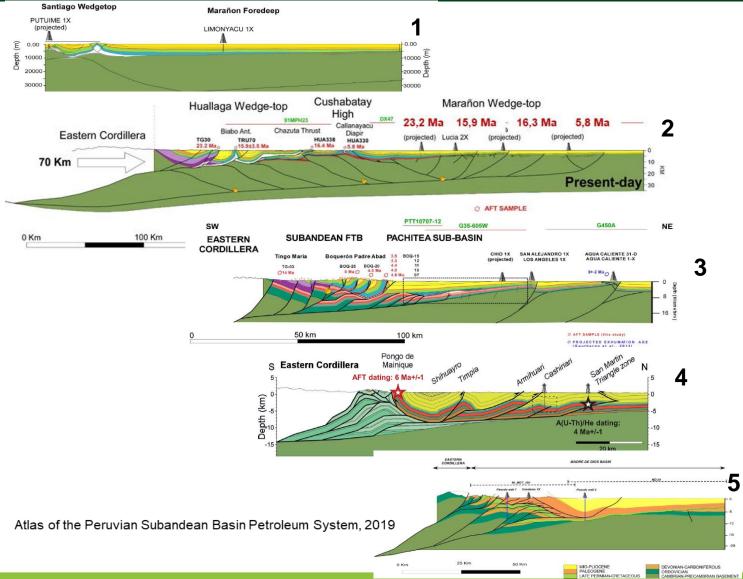


PROMOTION AREAS ONSHORE



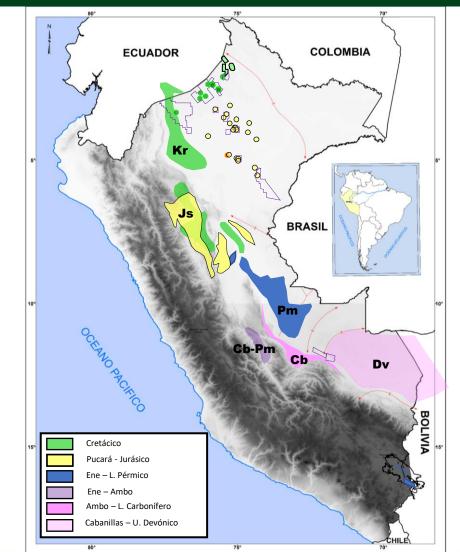


STRUCTURAL STYLES

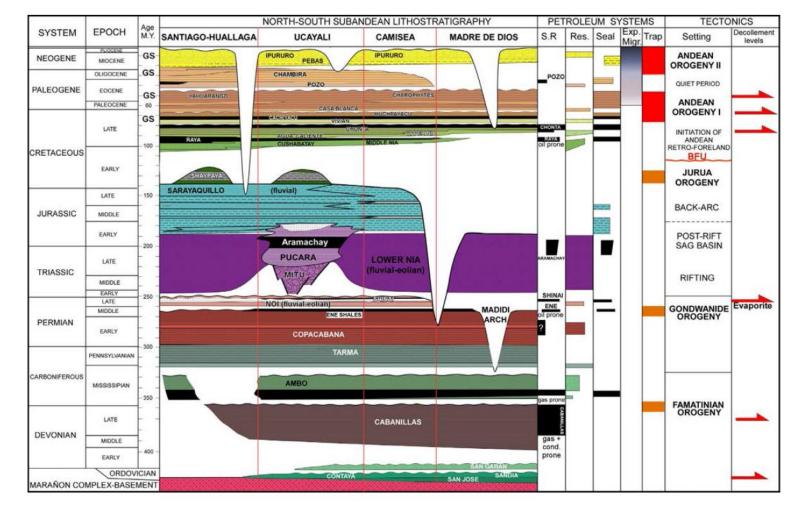


PROMOTION AREAS ONSHORE





MAIN SOURCE AND RESERVOIR ROCKS

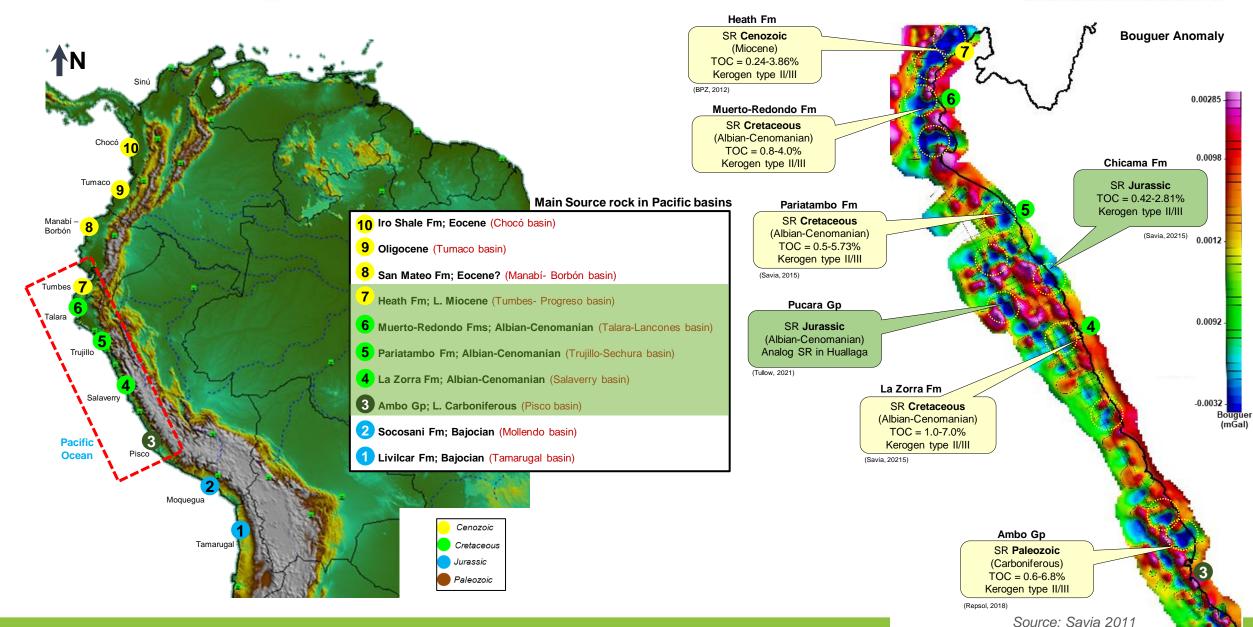


Source: Atlas of the Peruvian Subandean Basin Petroleum System, 2019

Source: Humberto Eduardo 2013 & Pluspetrol 2017

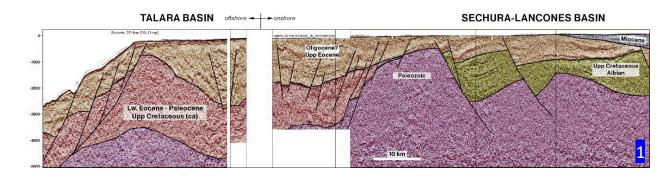
SOURCE ROCKS IN OFFSHORE

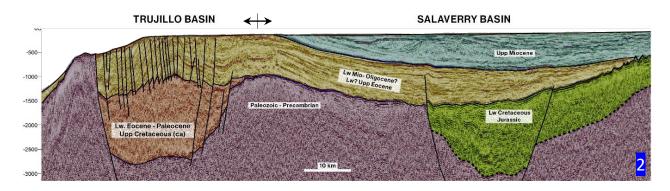




STRATIGRAPHY AND STRUCTURAL FRAMEWORK







EAST PISCO BASIN \leftrightarrow

PRE-ANDEAN domain with a lower domain with depocenters probably filled for

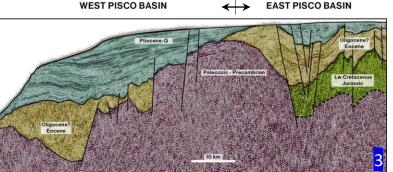
OIL & GAS

OPPORTUNITIES IN PERU

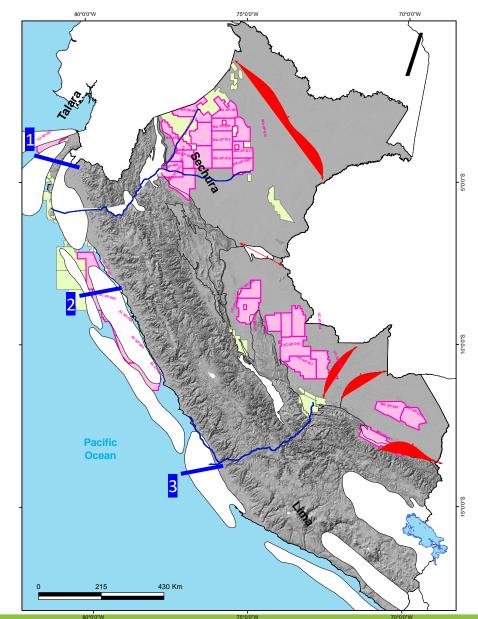
rocks of Mesozoic age?

ANDEAN domain -2000 an upper domain with deposits of Cenozoic age along the platform towards to the slope

-1000-



Palacios and Timoteo, 2022 (unpublished)



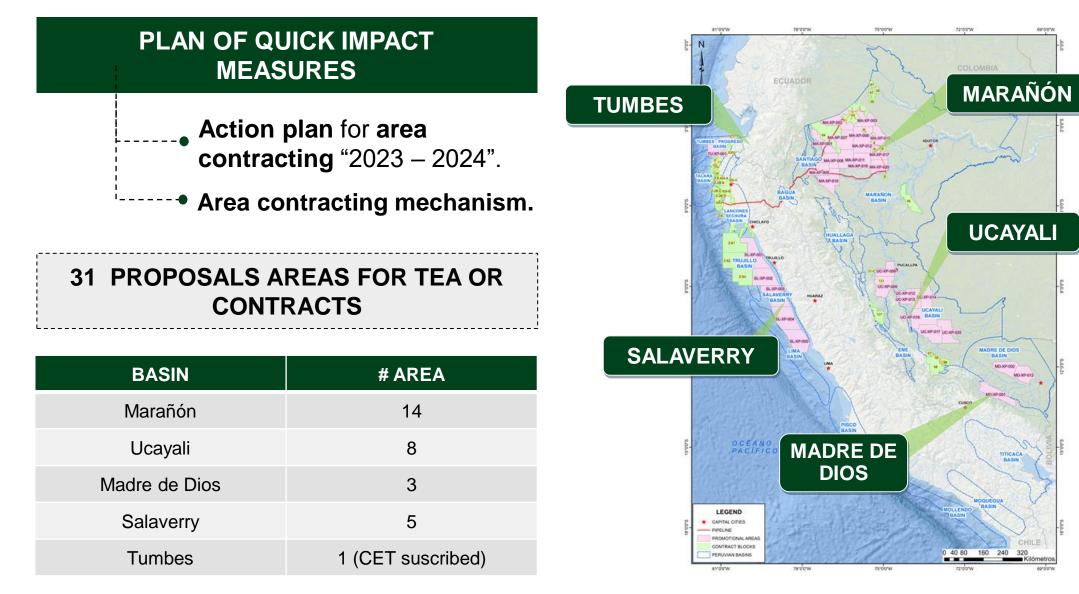




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PROMOTION AREAS





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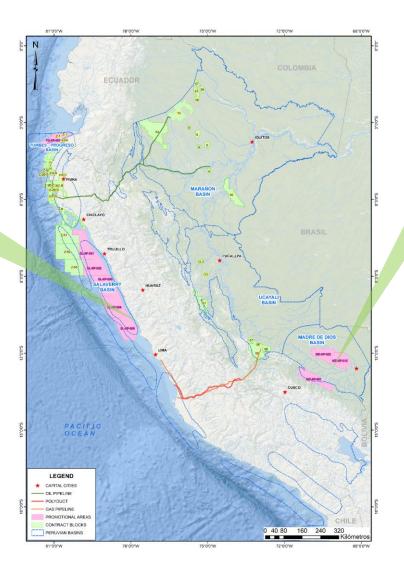


TRUJILLO - SALAVERRY BASINS PROSPECTIVE RESOURCES

Total : 646.6 MMSTB (2U) (Unrisked)

Promotional Areas: 5 Exploratory Wells : 2 (1971) 2D Seismic: 20,943 Km (1973-2011) 3D Seismic: 7,136 Km² (2008-2013)

PROMOTION AREAS



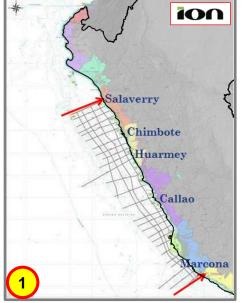
MADRE DE DIOS BASIN PROSPECTIVE RESOURCES

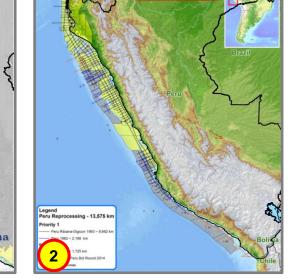
Total : 8.66 TCF + 155.56 MMSTB (Condensate) (2U)(Unrisked)

Promotional Areas: 3 Exploratory Wells: (1975-2014) 2D Seismic: 3,167 Km (1973-2010) Magnetotelluric: 2 lines (2021)

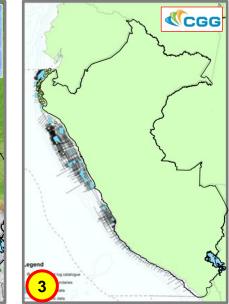
NEW DATA – MULTICLIENT AGREEMENTS

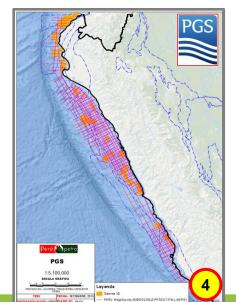


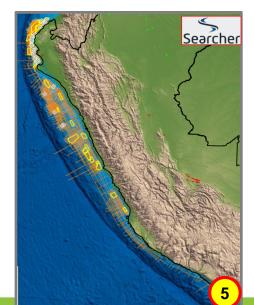




M Spectrum









1. ION Technology Corporation (Finished)

- Acquisition and Processing of 6,700 km of 2D seismic (2014–2015)
- Acquisition of 66,644 km of marine gravity and magnetic data

2. CGG GeoSpec

- Reprocessed >15,000 km of 2D seismic (PSTM and PSDM).
- Enhanced >64,920 km of 2D seismic.
- Bio-stratigraphic review of 4 wells.
- Geochemical database.

3. Petroleum Geo-Services

 Enhanced and merged >21,000 sqkm of 3D seismic and 23,000 km of 2D seismic.

4. SEARCHER Offshore

 Reprocessed in Post-stack of 49,558 km of 2D seismic and 17,540 sqkm of 3D seismic

5. TGS Offshore

Reprocessed of 9,500 km of 2D seismic (PSDM)

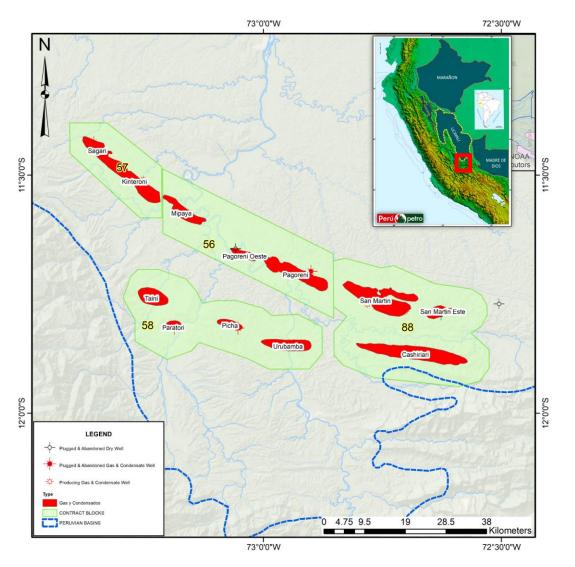
6. SEARCHER Onshore

Source: Perupetro 2022





GAS RESERVES – CAMISEA REGION



GENERAL INFORMATION

- Blocks: 56, 57, 58 (*) y 88
- Cumulate production at Dic.2022: **5.67 TCF** (Gas) and **490.6 MMSTB** (LNG).
- Production 2022: 1,262 MMcfd (Gas) and 75.8 Mbod (LGN).

RESOURCES AND RESERVES

- Reserves 2P = 10.51 TCF (Gas), 510.5 MMSTB (LGN).
- Contingent resources 2C = **3.59 TCF** (Gas), **150.8 MMSTB** (LNG).
- Prospective resources 2U = **1.36 TCF** (Gas).

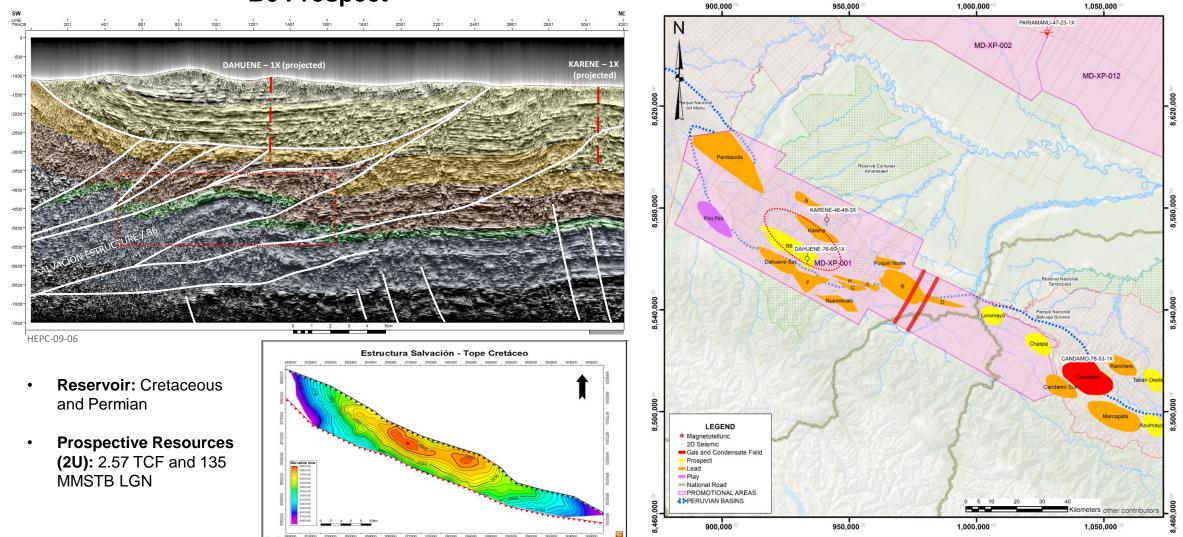
Source: MINEM 2021

(*) Comercial Discovery at November,2016

MADRE DE DIOS BASIN – PROSPECTIVE RESOURCES



B6 Prospect







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WHAT WE HAVE FOR OFFSHORE?

The only way to develop Peru's hydrocarbon potential **is by attracting investments**, through the signing of new Contracts and/or Agreements. Improvement in the mechanism for environmental management instruments

- Accompaniment of PERUPETRO to obtain the Environmental Impact Assessment (EIA) for exploration wells
- Environmental Impact Statement (DIA) for Offshore seismic acquisition.

<u>New Exploratory Opportunities</u>: 31 Areas

- Direct negotiation
- Available for License Contract or Technical Evaluation Agreement
- 1 area in Tumbes basin has been subscribed in August 10, 2023
- Areas with gas resources (Near to Camisea)

Exploratory Activities

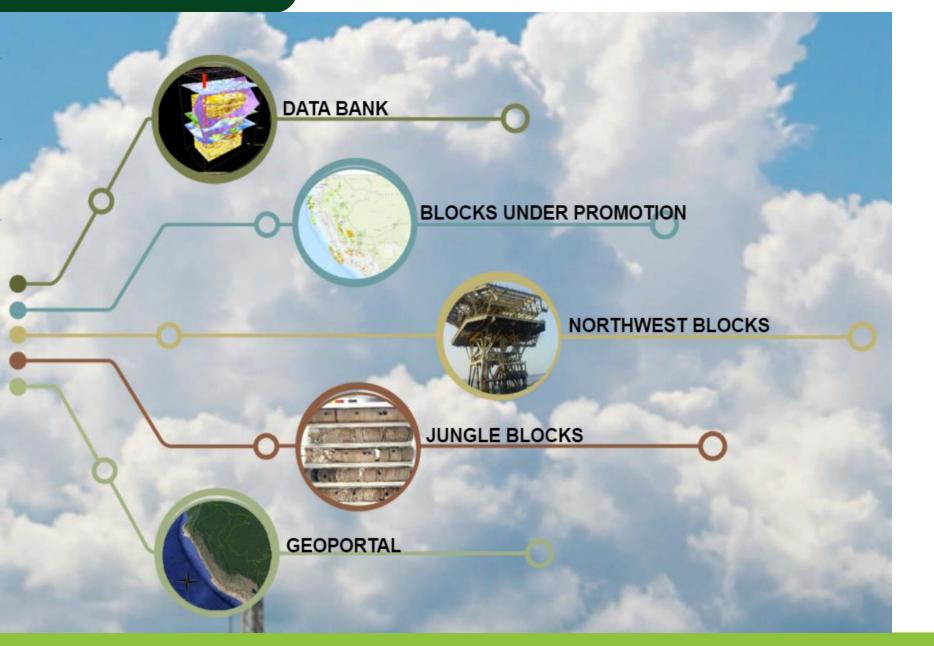
- ANADARKO decided to continue to the next phase of exploration and will acquired 3D seismic in Trujillo Basin.
- Reprocessing and enhanced of 2D-3D seismic data in the Peruvian offshore through the signing of multi-client agreements with PERUPETRO.





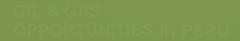
DATABASE REMARKS







- Information free of cost
- Available Block data
- Multiclient data





THANKS!

www.perupetro.com.pe