

OIL & GAS OPPORTUNITIES IN PERU



March, 2023



INDEX

- Current Situation in Peru

- Peruvian Contracting Framework

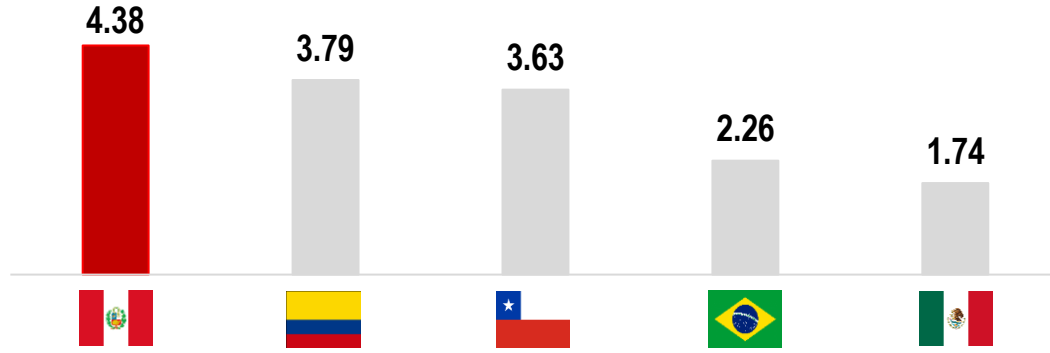
- Reserves & Resources

- Promotion Areas

- Conclusion

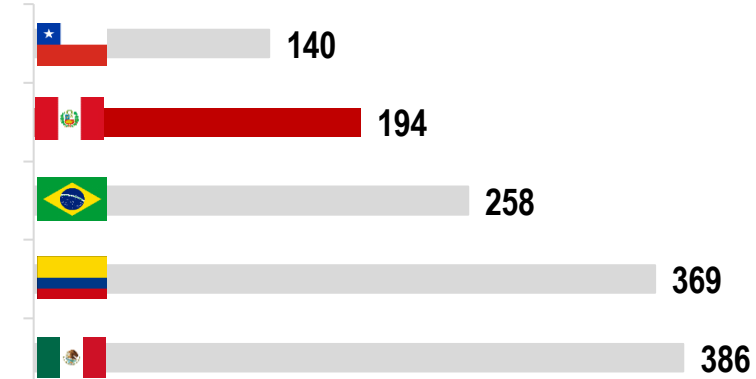


Gross Domestic Product (Annual % Change, 2000 - 2022 average)



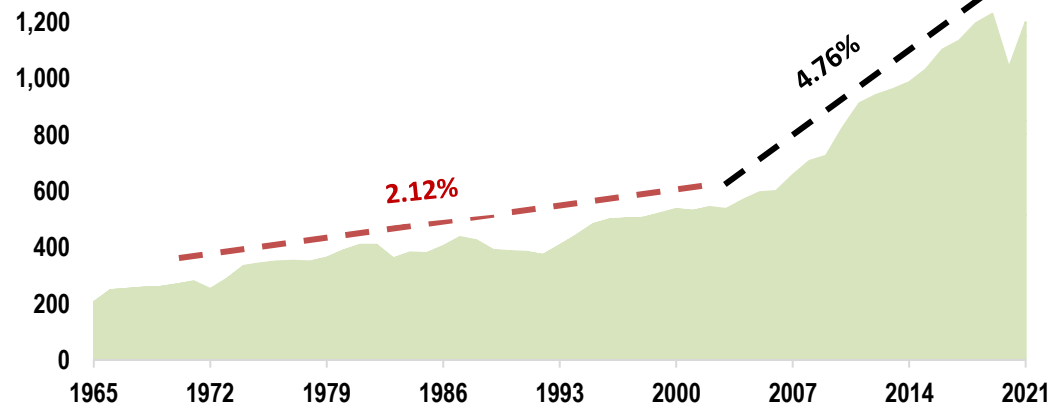
Source: FMI @ oct 2022

Latin American Country Risk - 2022



Source: JP Morgan - BCRD @ dec 2022

Total Energy Consumption (Petajoules)



Source: BP Statistical Review of World Energy 2022

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



PERU: COUNTRY OF OPPORTUNITIES



18 basins
with potential

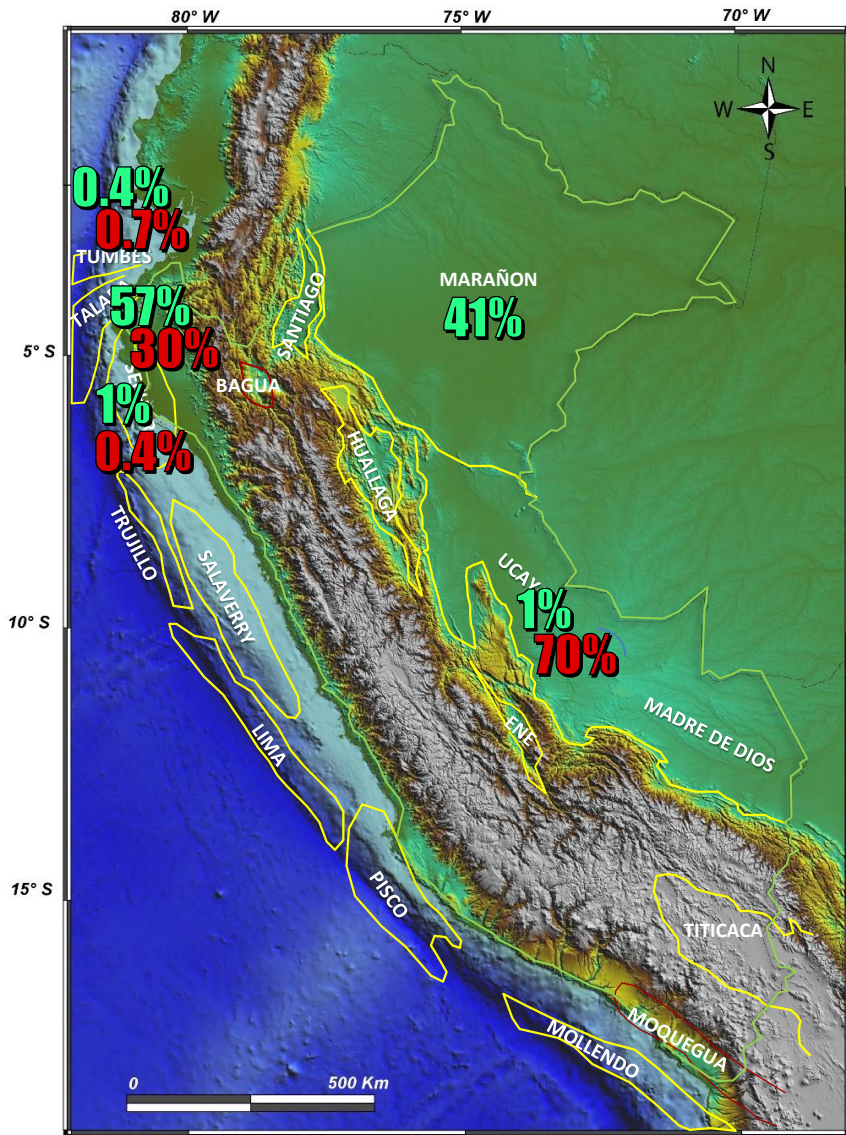
and only

5 in
production

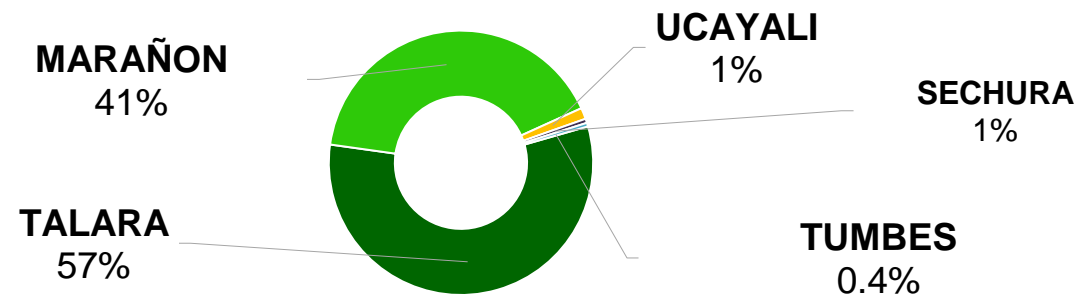
Potential to explore



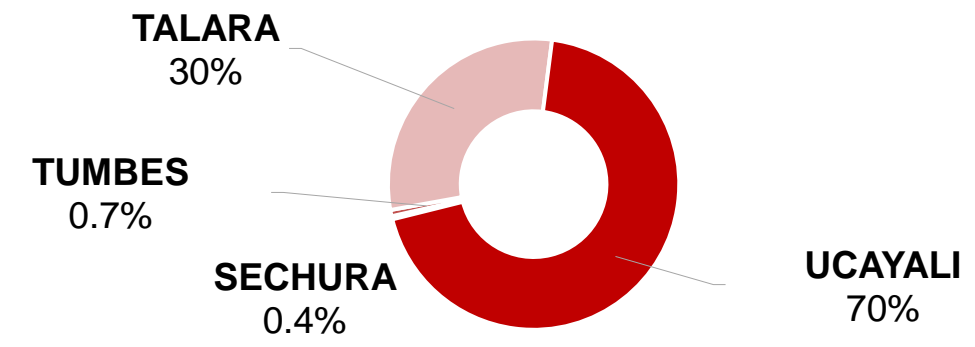
PRODUCED HYDROCARBONS



Oil 2,577 MMbls Oil

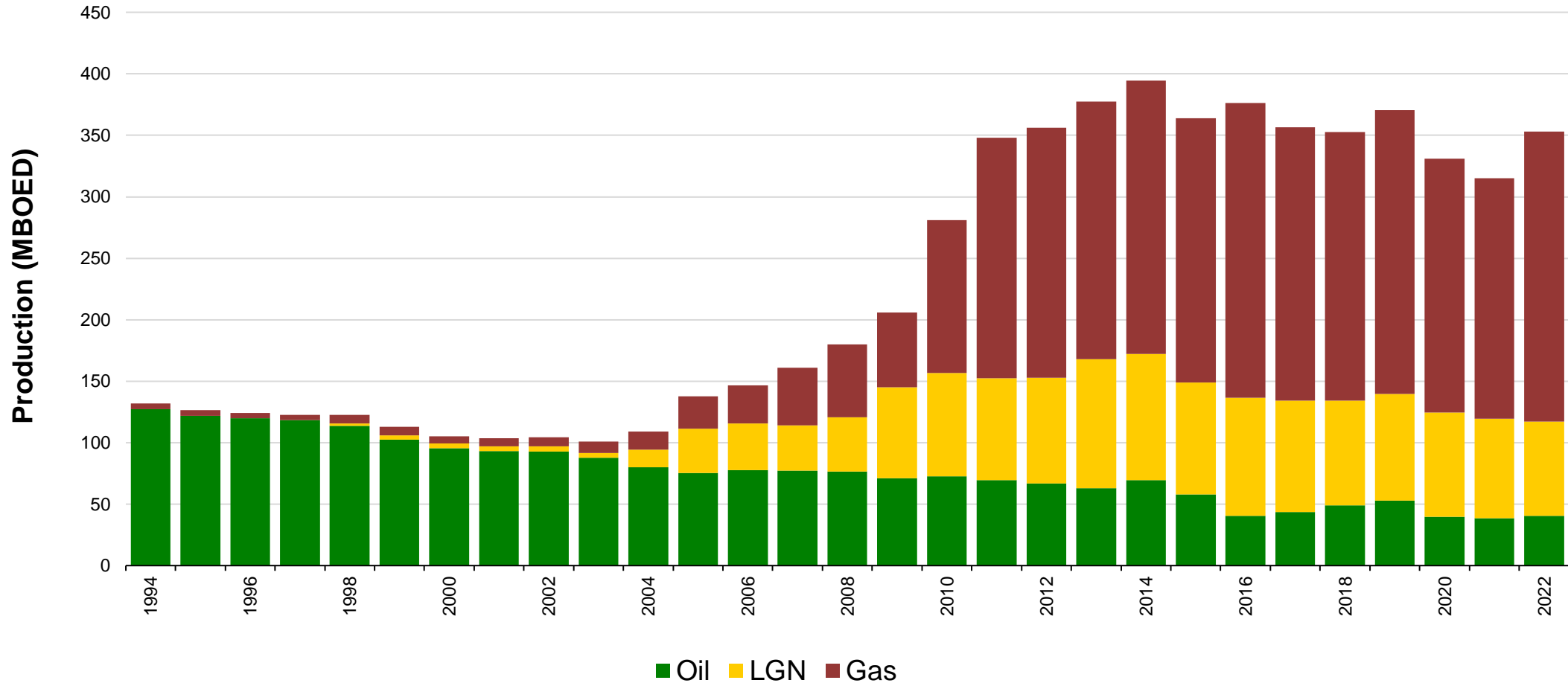


Gas 7,4 TCF





HISTORICAL HYDROCARBONS PRODUCTION



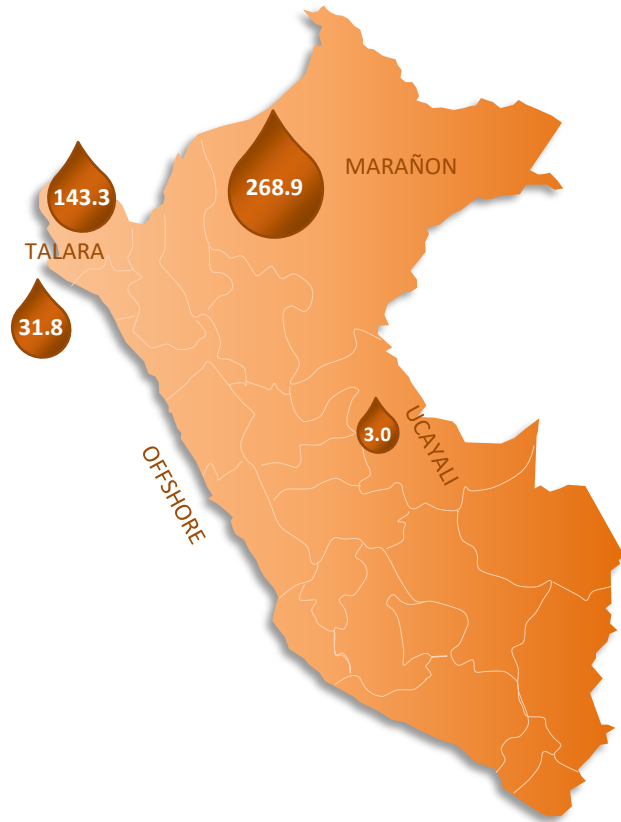
MBOED: Thousands of barrels of oil equivalent.



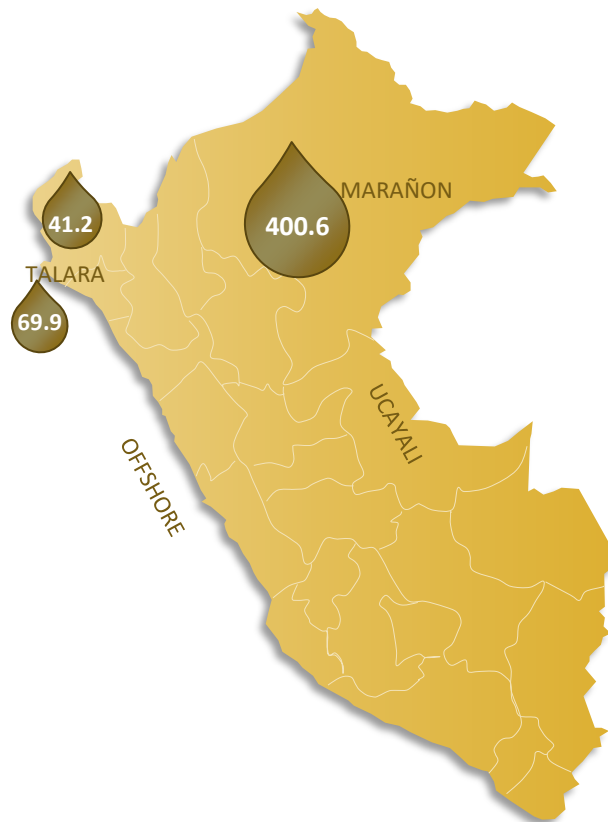


OIL RESERVES AND RESOURCES

Reserves Proved + Probable
447 MMSTB

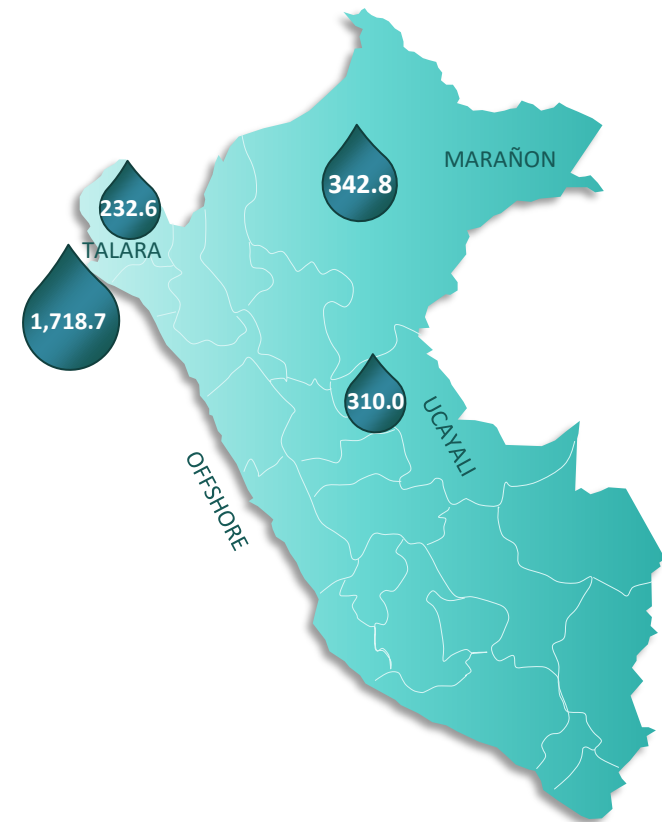


Contingent Resources
518 MMSTB



+ No Operation: 2C= 6.5 MMSTB

Prospective Resources
12,573 MMSTB

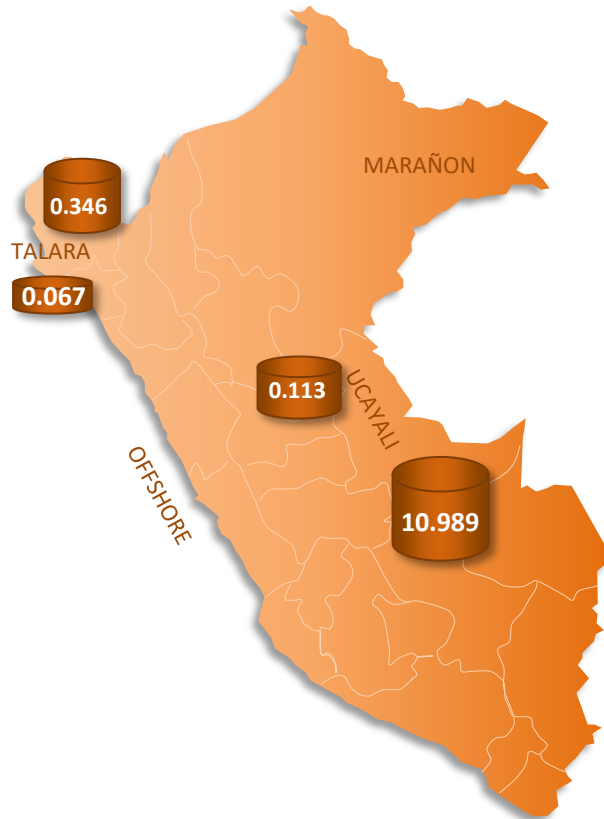


+ No Operation: 2U= 9,968.6 MMSTB

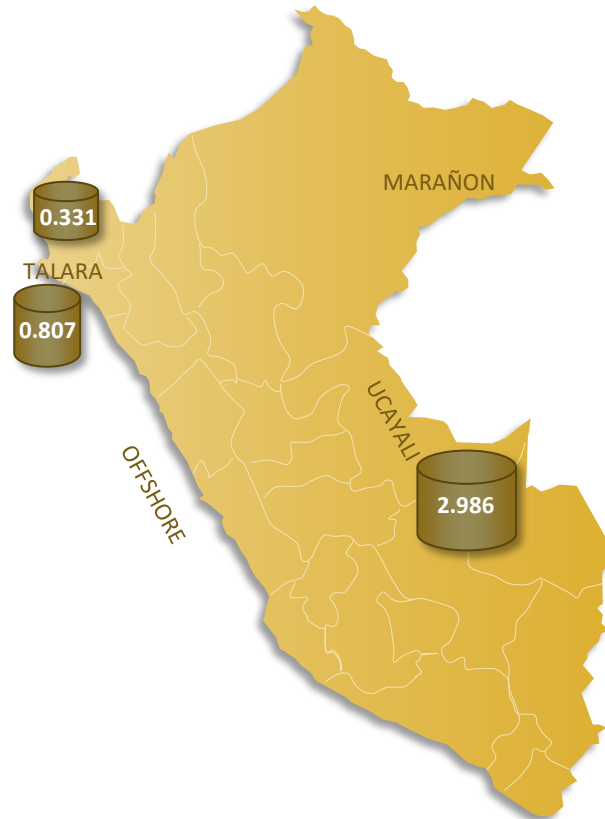


GAS RESERVES AND RESOURCES

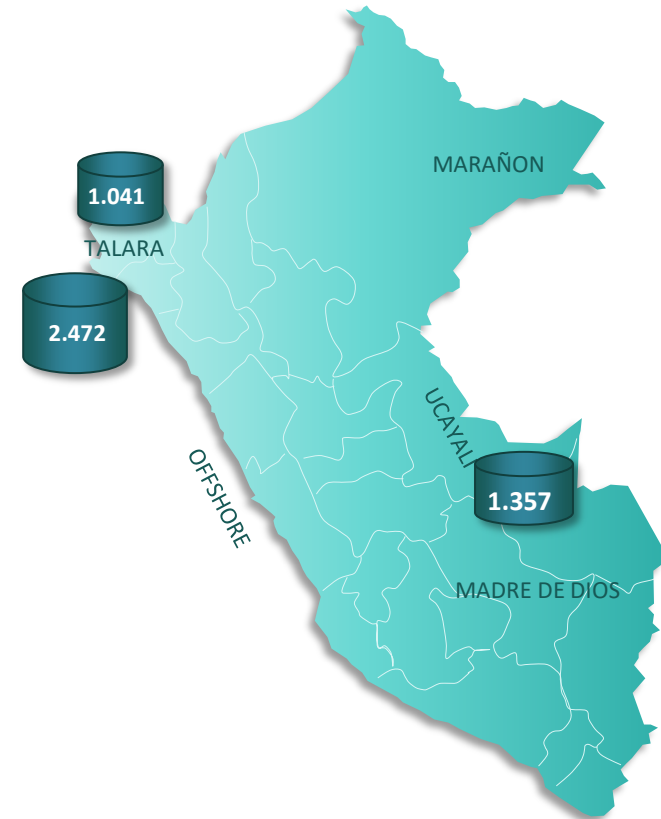
Reserves Proved + Probable
11.515 TCF



Contingent Resources
4.124 TCF



Prospective Resources
30.811 TCF



+ No Operation: 2U= 25.941 TCF



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

“In situ” Hydrocarbons are **owned by the Peruvian Government.**

The Government has granted 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 rights over extracted hydrocarbons are transferred to **Licensees.**



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



LONG DURATION CONTRACTS

Exploration Phase

- 7 years + 3 years extension.

Production Phase

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

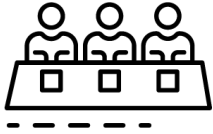
Royalties linked to success:

- 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



DIRECT NEGOTIATION WITH PERUPETRO:

- According to **Law N° 26221**, companies can request **Direct Negotiation** for an available area as long as there is only one interested company



BIDDING PROCESS

- Blocks to be **individually offered** in a Bidding Round



TECHNICAL EVALUATION AGREEMENTS

- On **Frontier and Semi-explored** areas.
- First Option Right to **Negotiate a License Contract**.
- 24 month period



- **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)



PROMOTION AREAS

PLAN OF QUICK IMPACT MEASURES

- Action plan for area contracting “2023 – 2024”.
- Area contracting mechanism.

31 PROPOSALS AREAS FOR TEA OR CONTRACTS

BASIN	# AREA
Marañón	14
Ucayali	8
Madre de Dios	3
Salaverry	5
Tumbes	1

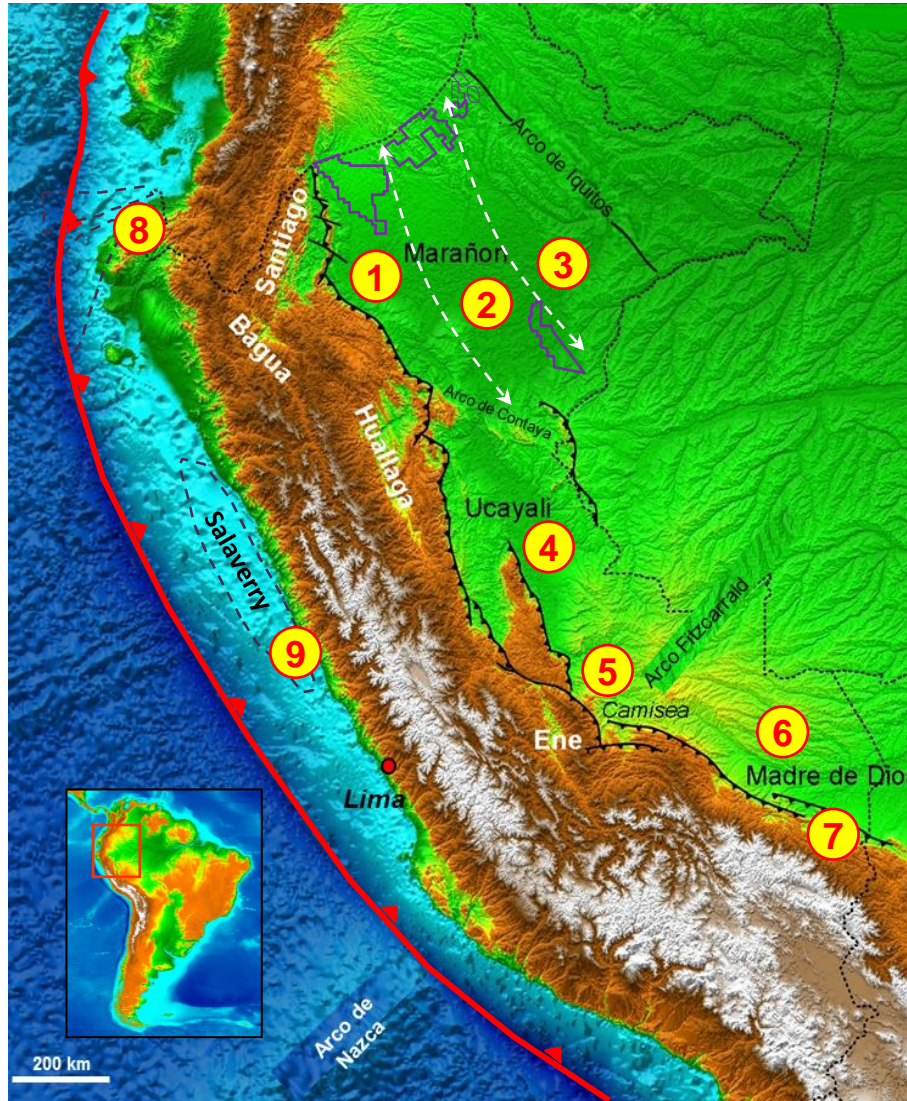




Peru is within one of the most prolific hydrocarbon trends in South America: “THE SUBANDEAN MEGATREND”



PROMOTION AREAS



1

Light Oil area – Western Marañón Basin

2

Medium Oil area – Center Marañón Basin

3

Heavy Oil area – East Marañón Basin

4

Light Oil area – North Ucayali Basin

5

Gas and Condensate area – South Ucayali Basin

6

Light Oil area – Forland Madre de Dios Basin

7

Gas and Condensate area – FTB Madre de Dios Basin

8

Light Oil and Gas area – Tumbes and Talara Basin

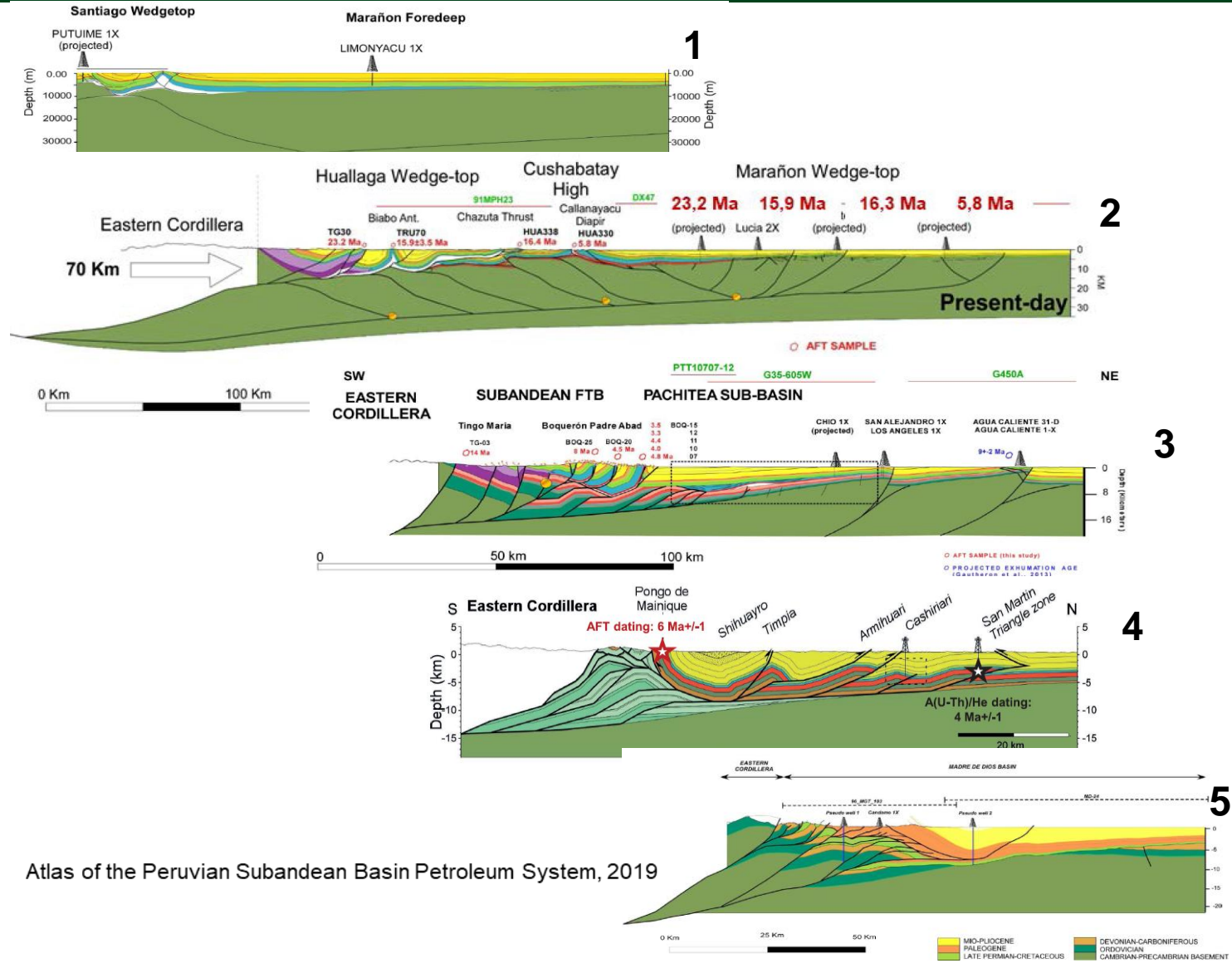
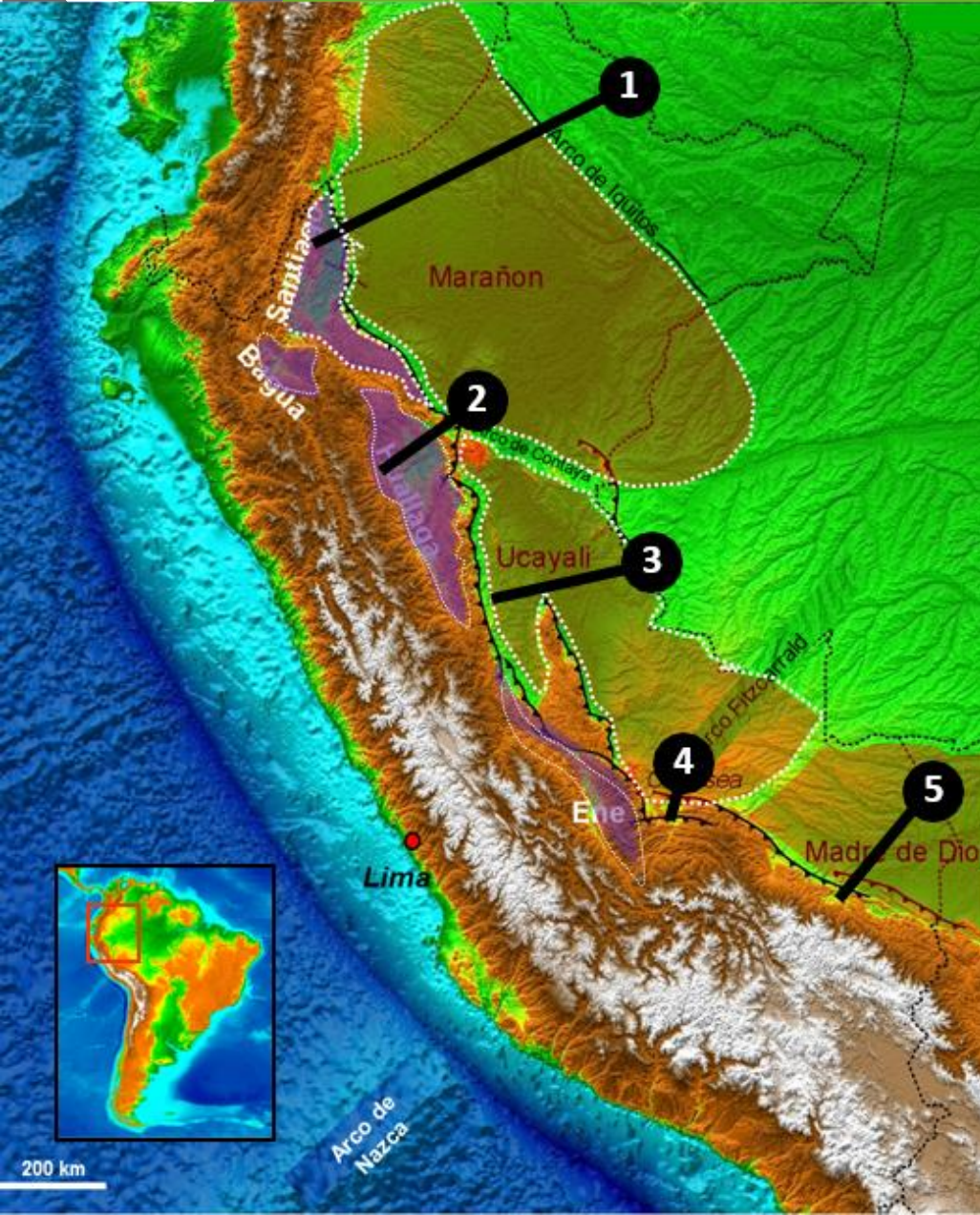
9

Light Oil area – Salaverry and Trujillo Basin



PROMOTION AREAS ONSHORE

STRUCTURAL STYLES

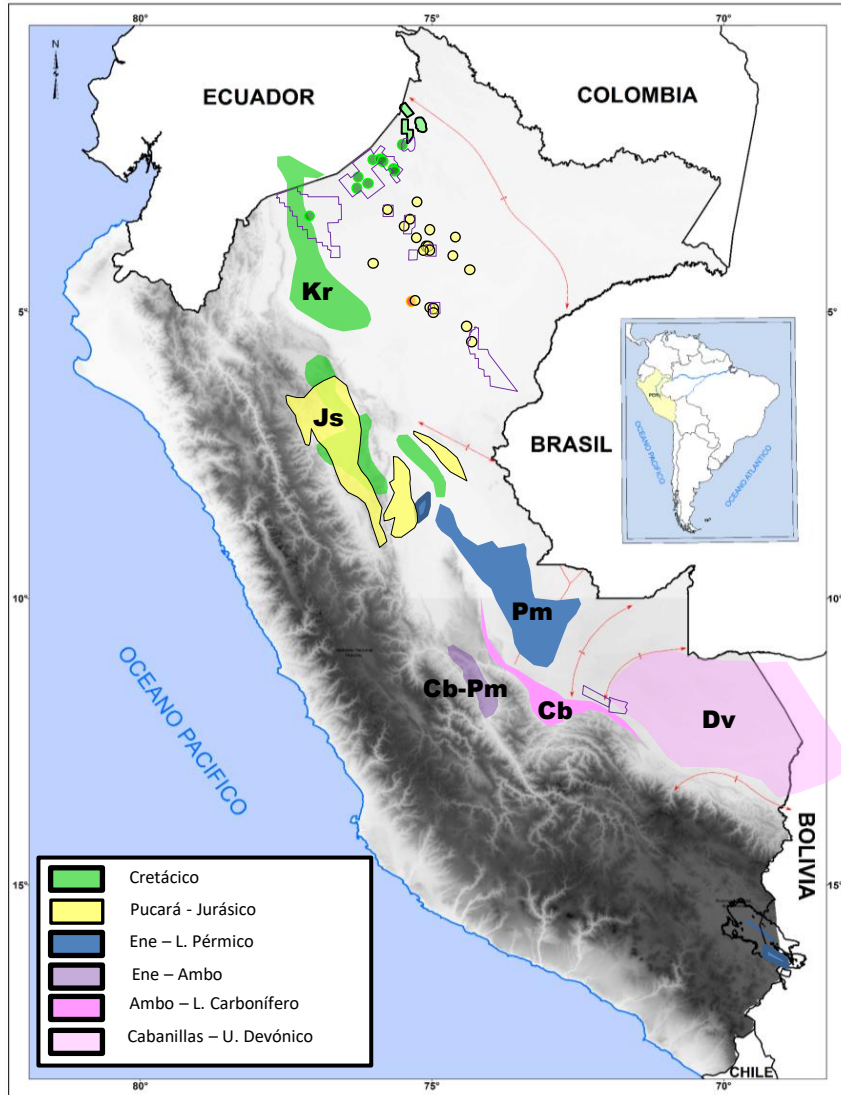


Atlas of the Peruvian Subandean Basin Petroleum System, 2019

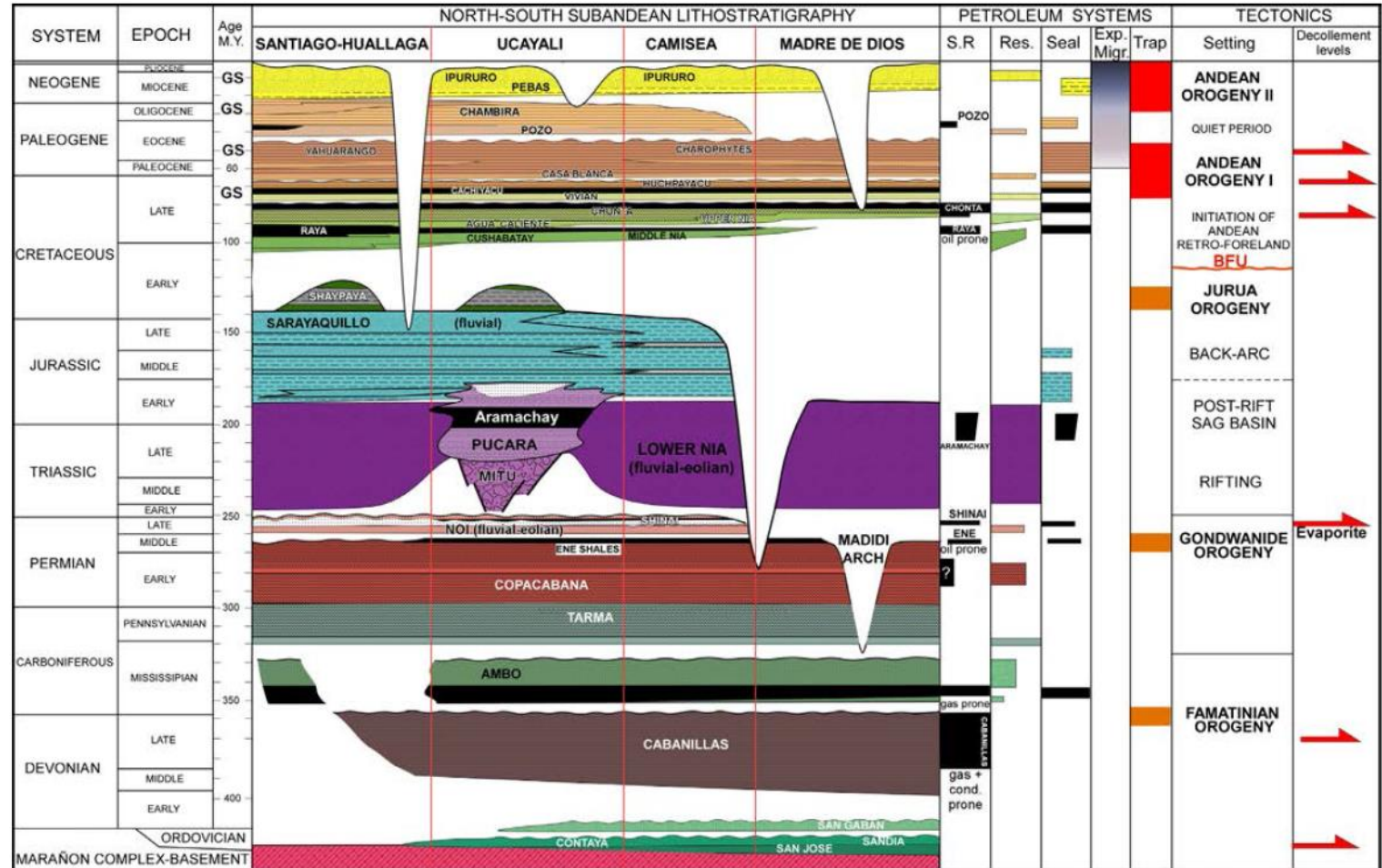


PROMOTION AREAS ONSHORE

MAIN SOURCE AND RESERVOIR ROCKS



Source: Humberto Eduardo 2013 & Pluspetrol 2017

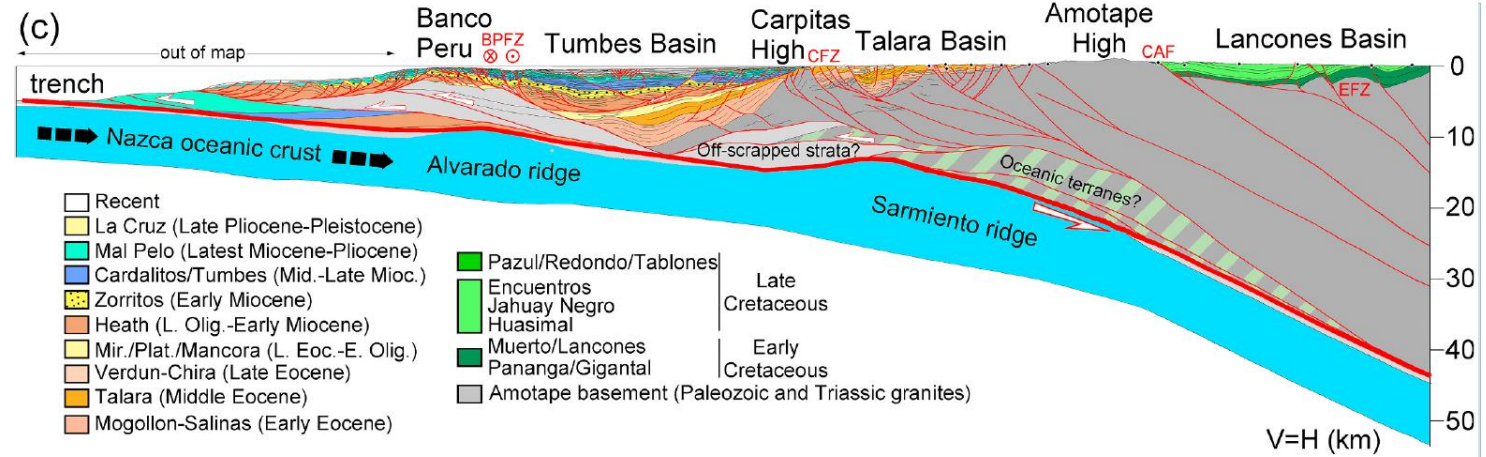
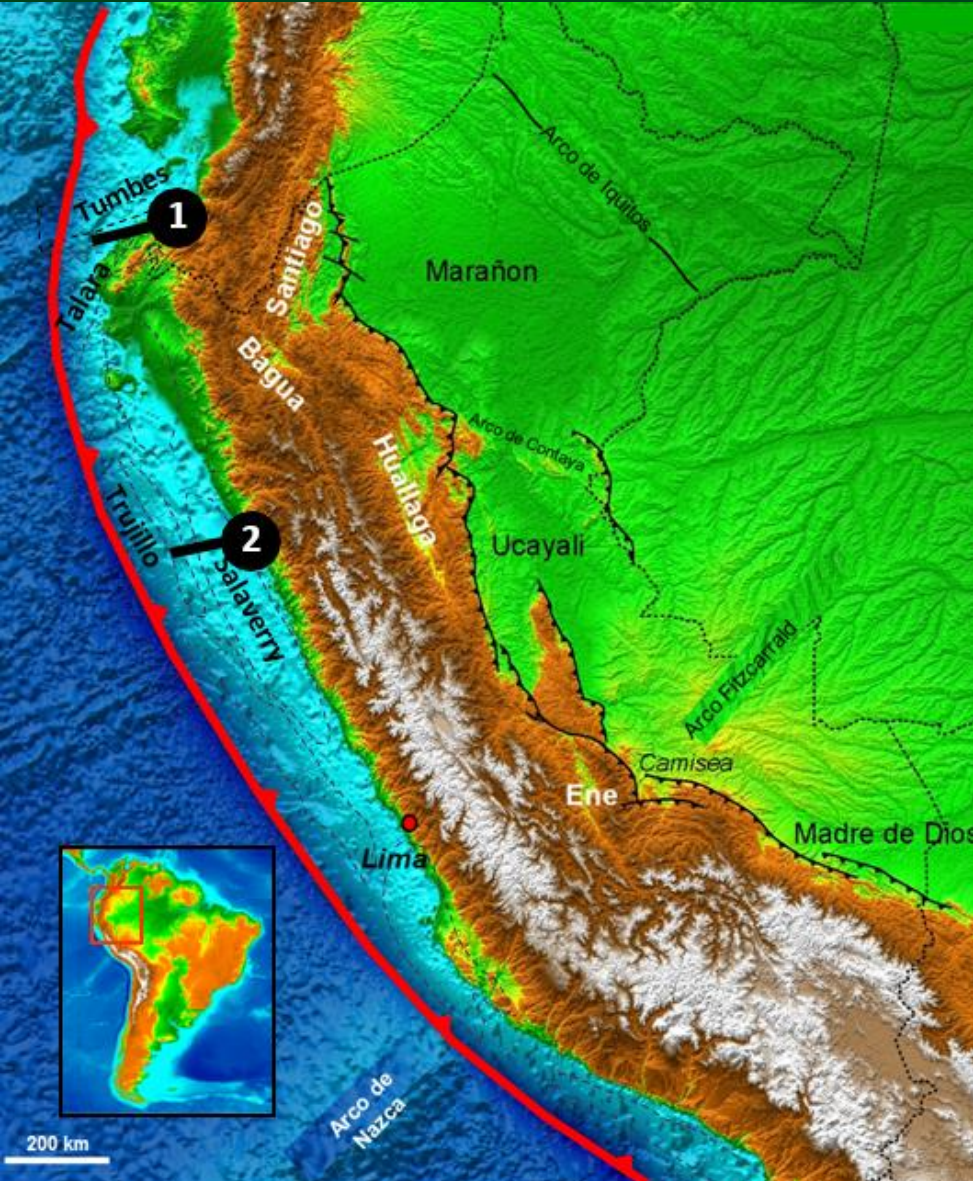


Atlas of the Peruvian Subandean Basin Petroleum System, 2019

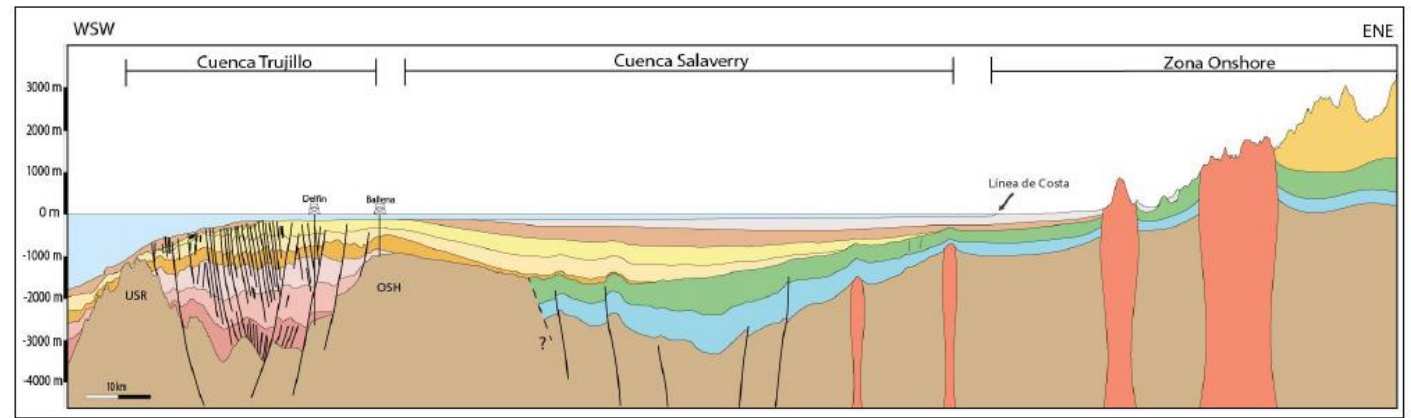


PROMOTION AREAS OFFSHORE

STRUCTURAL STYLES



Lemgruber-Traby et al, 2020



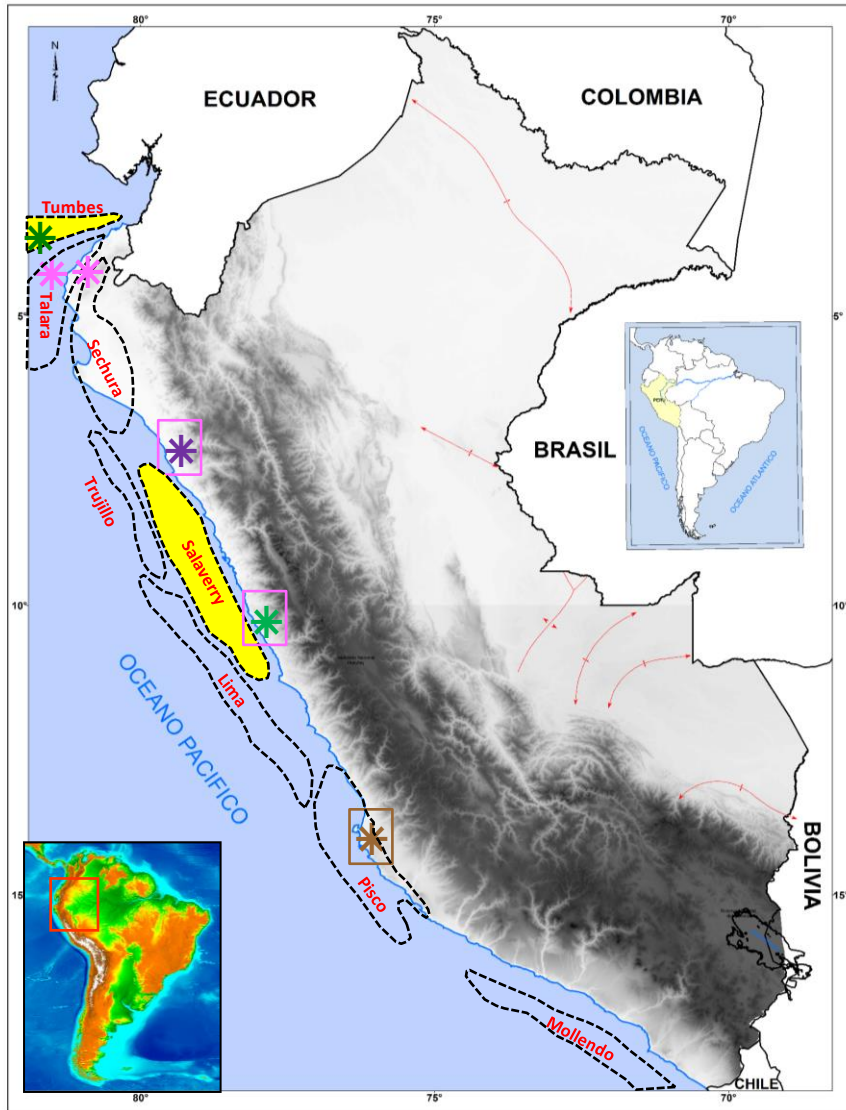
Fondo marino Basamento Fm. Chicama Gpo Casma Eoceno inferior Eoceno medio Eoceno superior Gpo Callpuy Mioceno inferior Mioceno medio Mioceno superior Plioceno Cuaternario Intrusivo

Cuipa, 2018

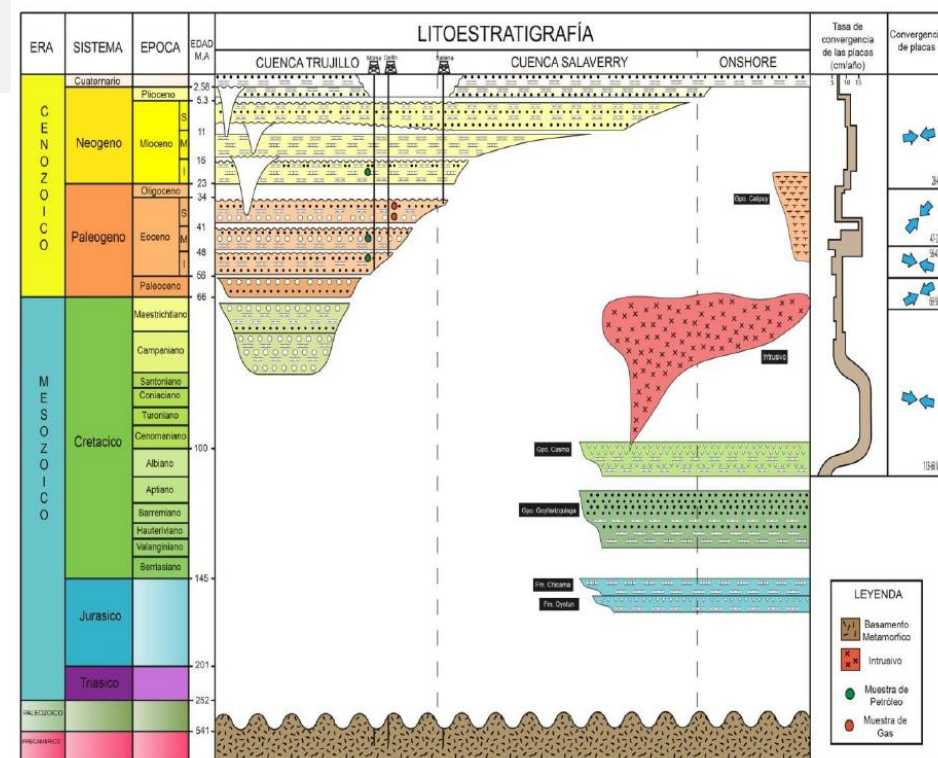


PROMOTION AREAS OFFSHORE

SOURCE ROCKS



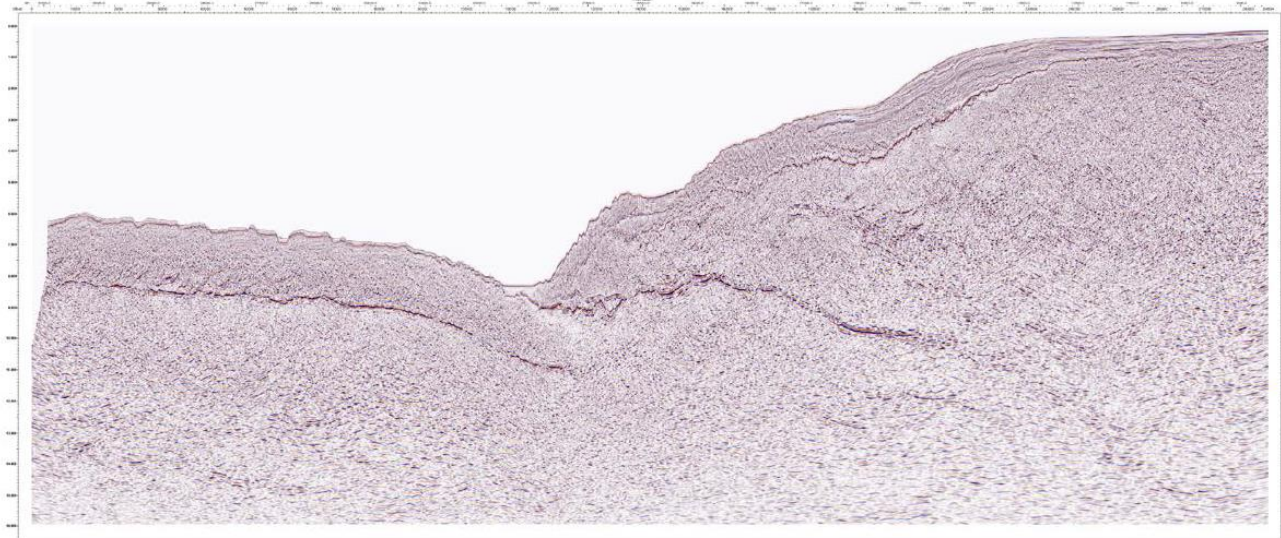
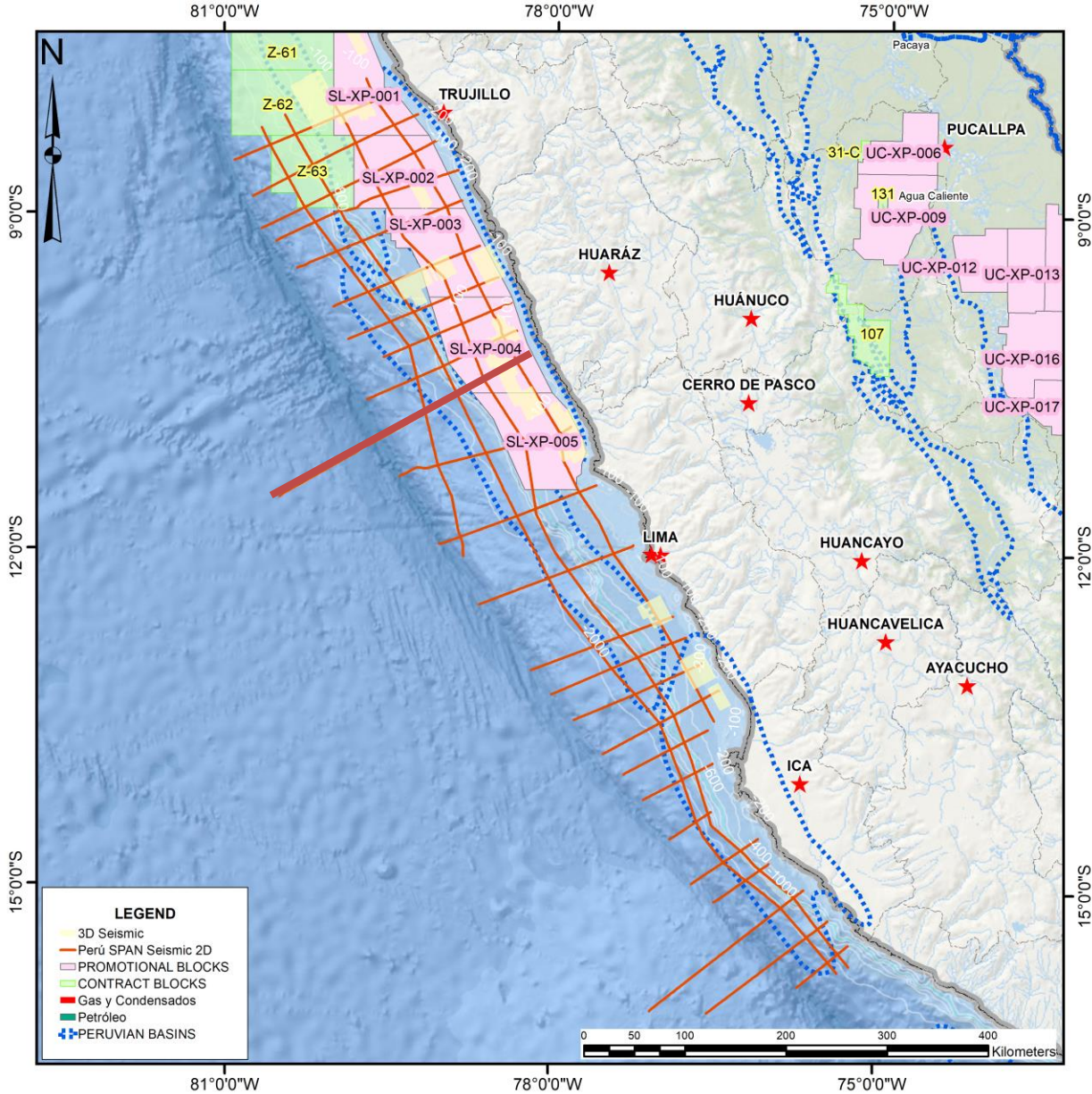
- ✱ Heath (L. Miocene) (Tumbes Basin)
- ✱ Muerto - Redondo (Albian-Cenomanian) (Talara- Lancones)
- ✱ Pariatambo (Albian-Cenomanian) (Trujillo - Sechura)
- ✱ La Zorra (Albian-Cenomanian) (Salaverry)
- ✱ Ambo (L. Carboniferous) (Pisco)





PROMOTION AREAS OFFSHORE

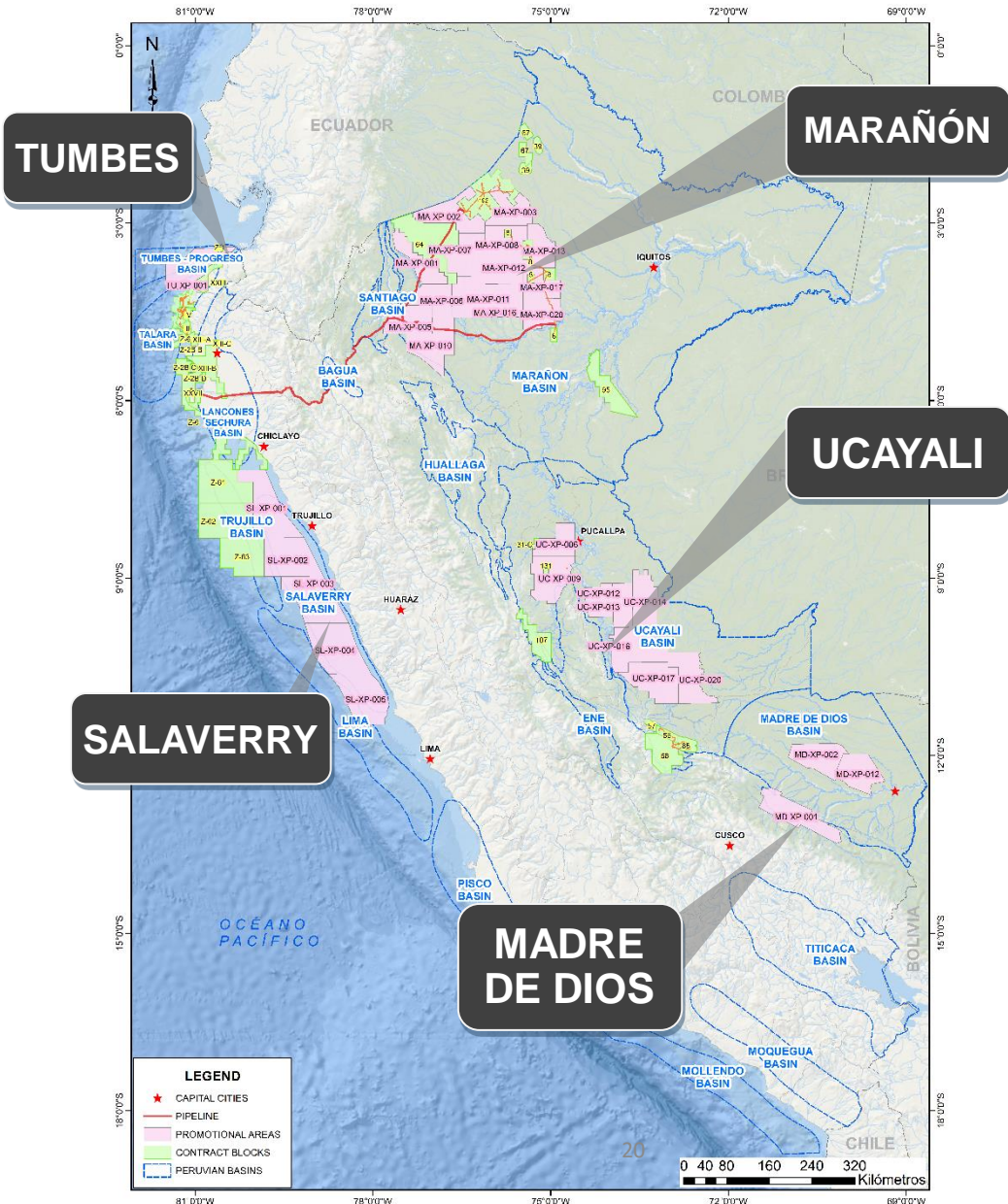
NEW DATA



Acquisition and processing of 6,644 km of 2D seismic between Marcona and Salaverry (2014 - 2015)



PROMOTION AREAS



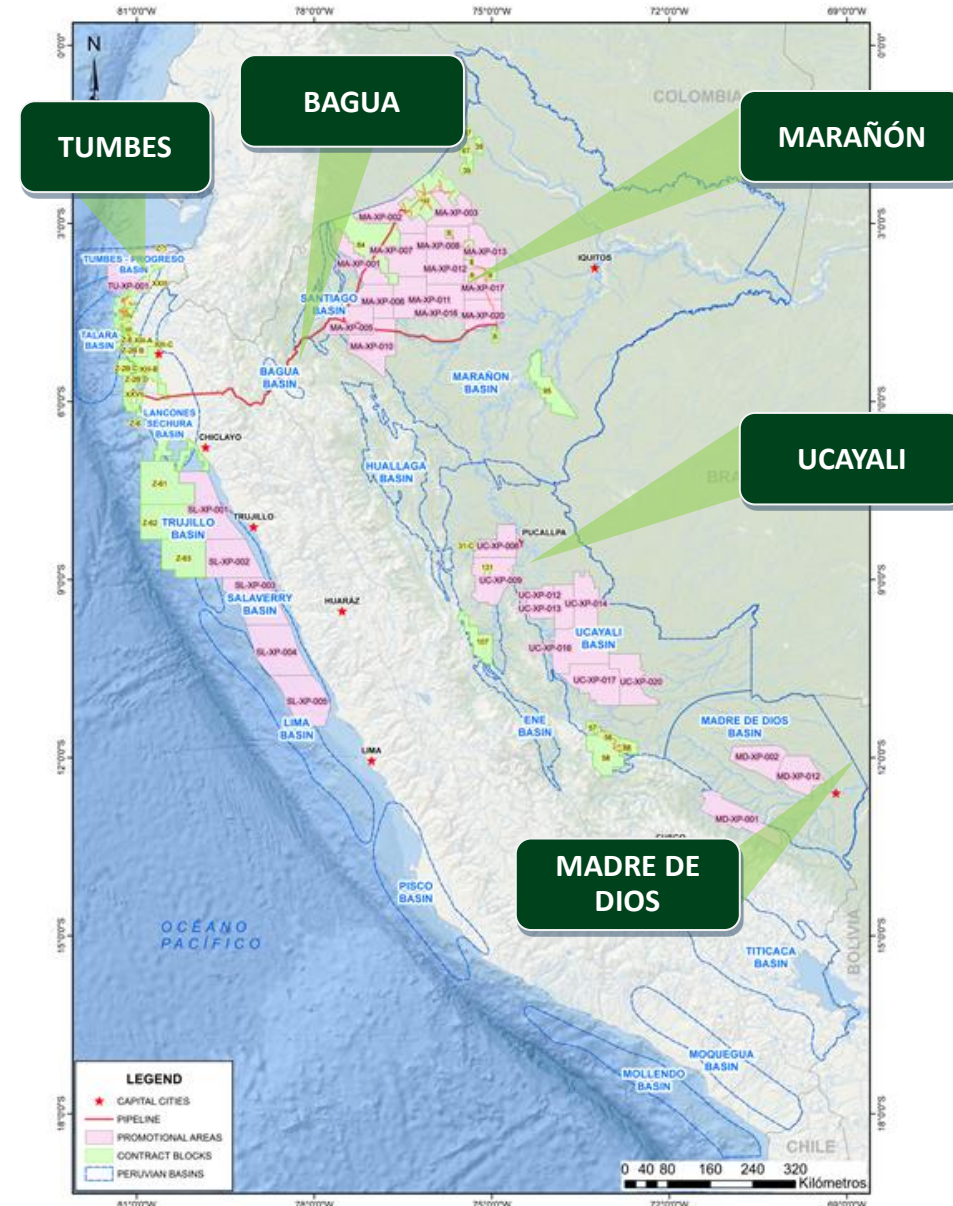
**31 PROPOSED AREAS
FOR TEA OR CONTRACTS**

BASIN	# AREA
Marañón	14
Ucayali	8
Madre de Dios	3
Salaverry	5
Tumbes	1



REQUESTS FOR TEA'S

COMPANY	BASIN	APPLICATION DATE
JAGUAR EXPLORATION INC	TUMBES	17.03.2023 22.08.2022
NORTHERN MINERAL / BLUE MARBLE	UCAYALI	19.01.2023 06.12.2022
UPLAND	UCAYALI	19.01.2023
PETROTAL	BAGUA	18.01.2023
INVENTA	UCAYALI	06.03.2023 02.02.2023
LA PONDEROSA ENERGY	MADRE DE DIOS	21.06.2021
PITKIN	TUMBES-PROGRESO	27.07.2021

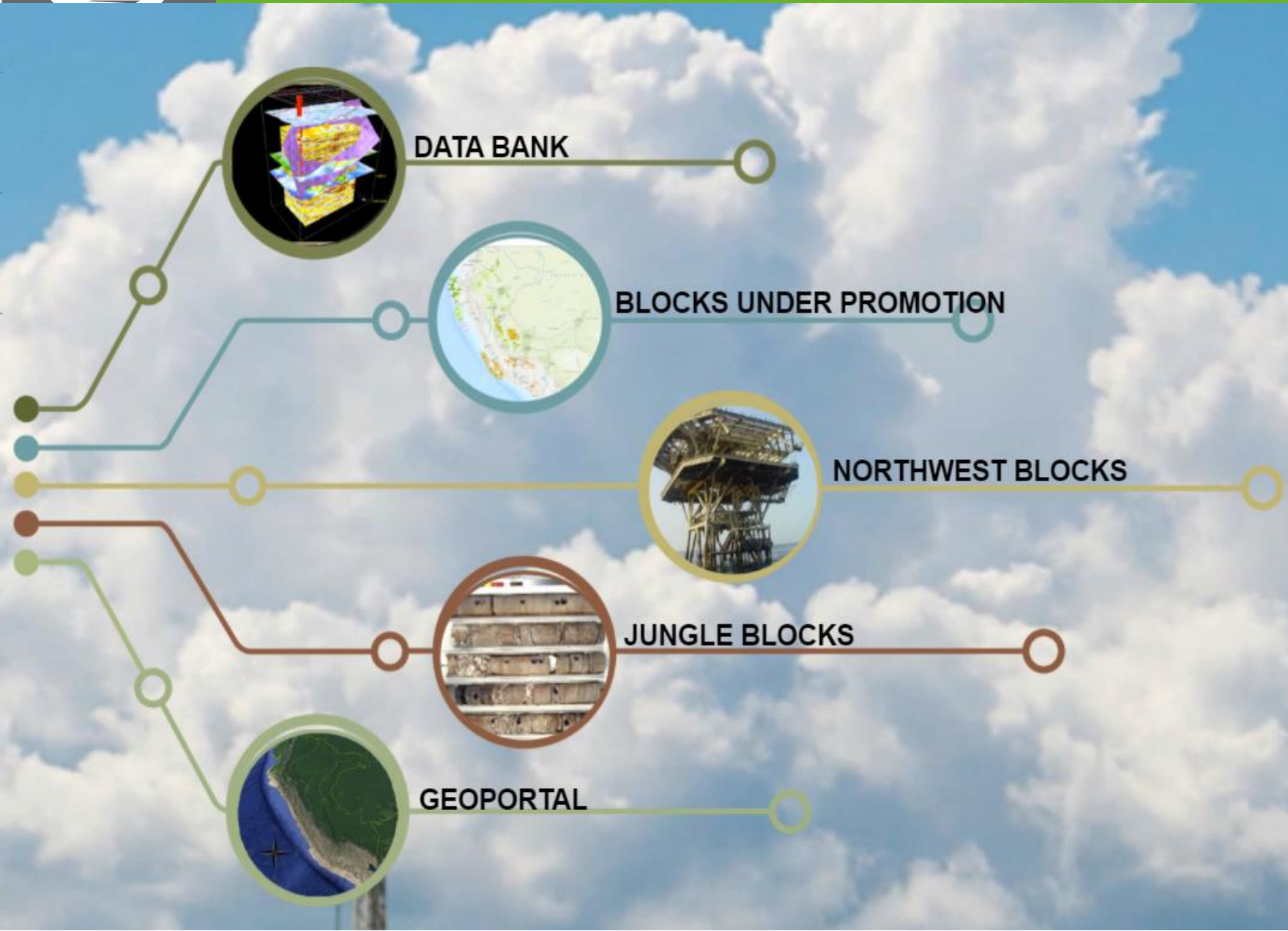




The only way to develop Peru's hydrocarbon potential **is by attracting investments**, through the signing of new Contracts and/or Agreements.



DATABASE REMARKS



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

THANKS!



www.perupetro.com.pe



CONTACT US



www.upstreamopportunities.pe
promotion@perupetro.com.pe
Lima, Peru