

# Minerals Investment Opportunities in Oman

## Oman Mining Bid Round 2023

Concession Department  
2023

# Why Invest in Oman Mining Sector?

- ✓ Untapped high quality industrial minerals resources
- ✓ Established metallic minerals resources
- ✓ Potential sought – out commodities
- ✓ Ready-to-invest mining Concessions
- ✓ Proximity to International Markets



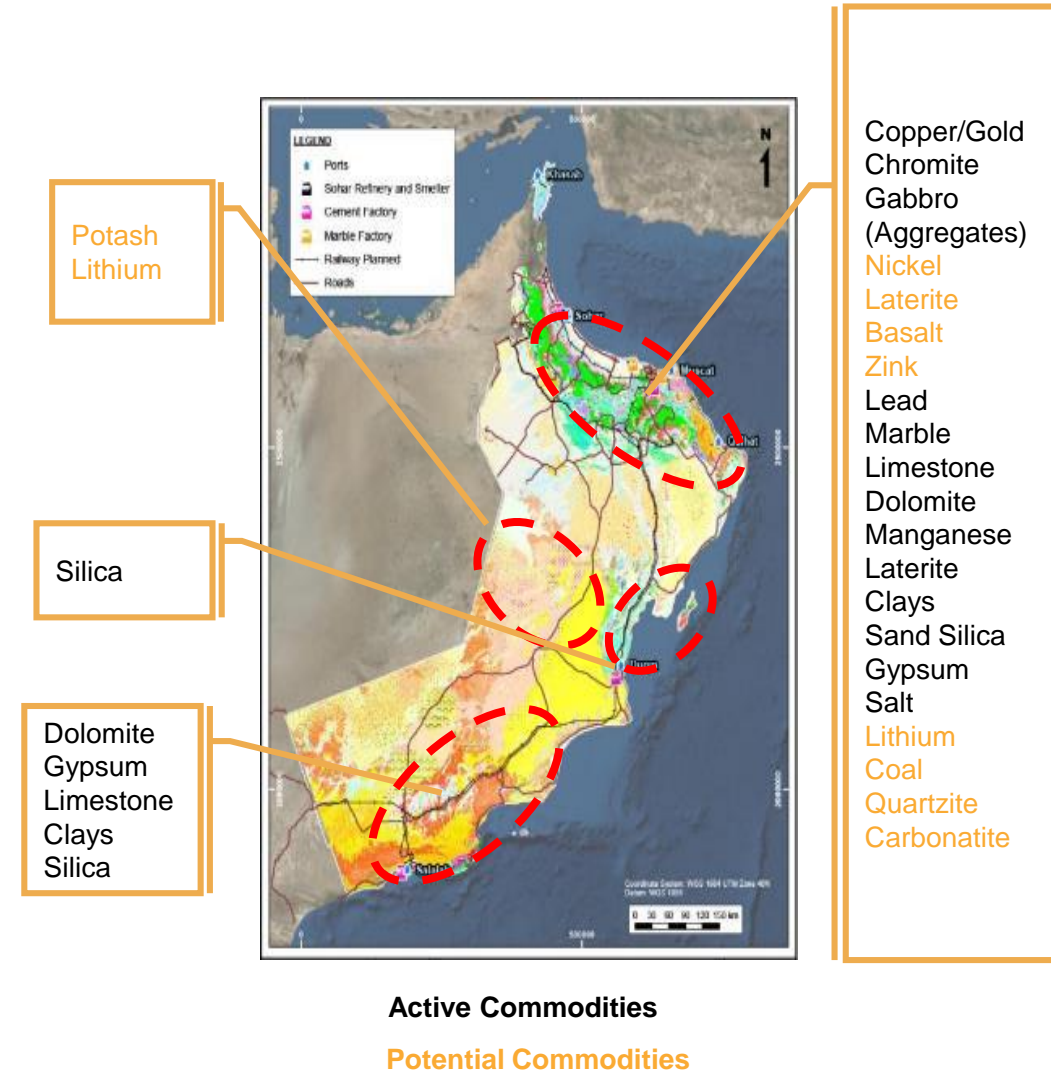
# Minerals Prospectivity of Oman

The geology of Oman can be broadly split into two mineraliferous provinces:

- The Semail Ophiolite in the north of Oman; and
- Sedimentary sequence forming the central and southern portions of Oman

The Semail Ophiolite is the main metal province and forms the Hajar Mountains. It hosts Cyprus-type VMS copper deposits, podiform chromite deposits, and ophiolite rock weathering products such as nickel laterites.

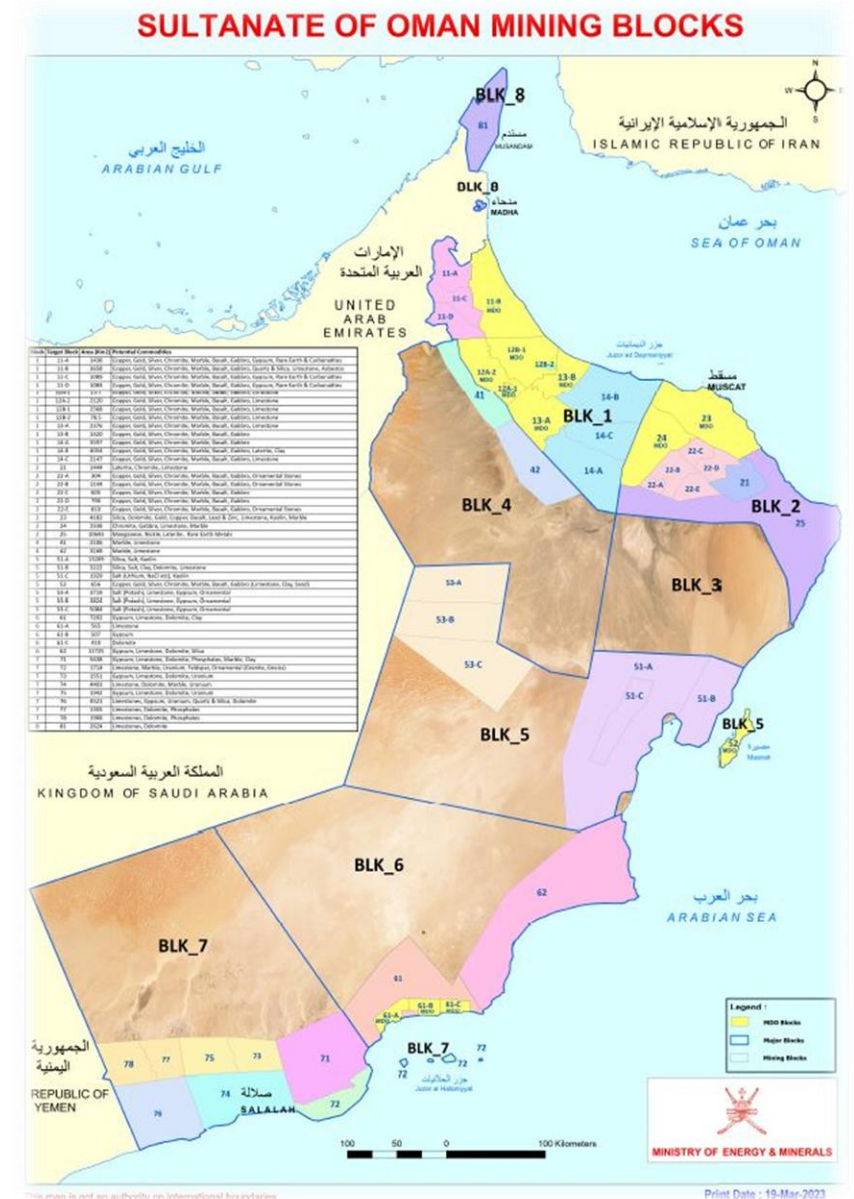
Industrial minerals occur with pure quality across the country within both the ophiolite and sedimentary sequences that range in age from Precambrian to modern. The main commodities derived from the sedimentary sequences in Oman feed the construction sector and include mixed aggregates, marble dimension stone, Gypsum and limestone for cement manufacture. Clays, laterites, and manganese are also mined.



# Sultanate of Oman

## Mining Concessions

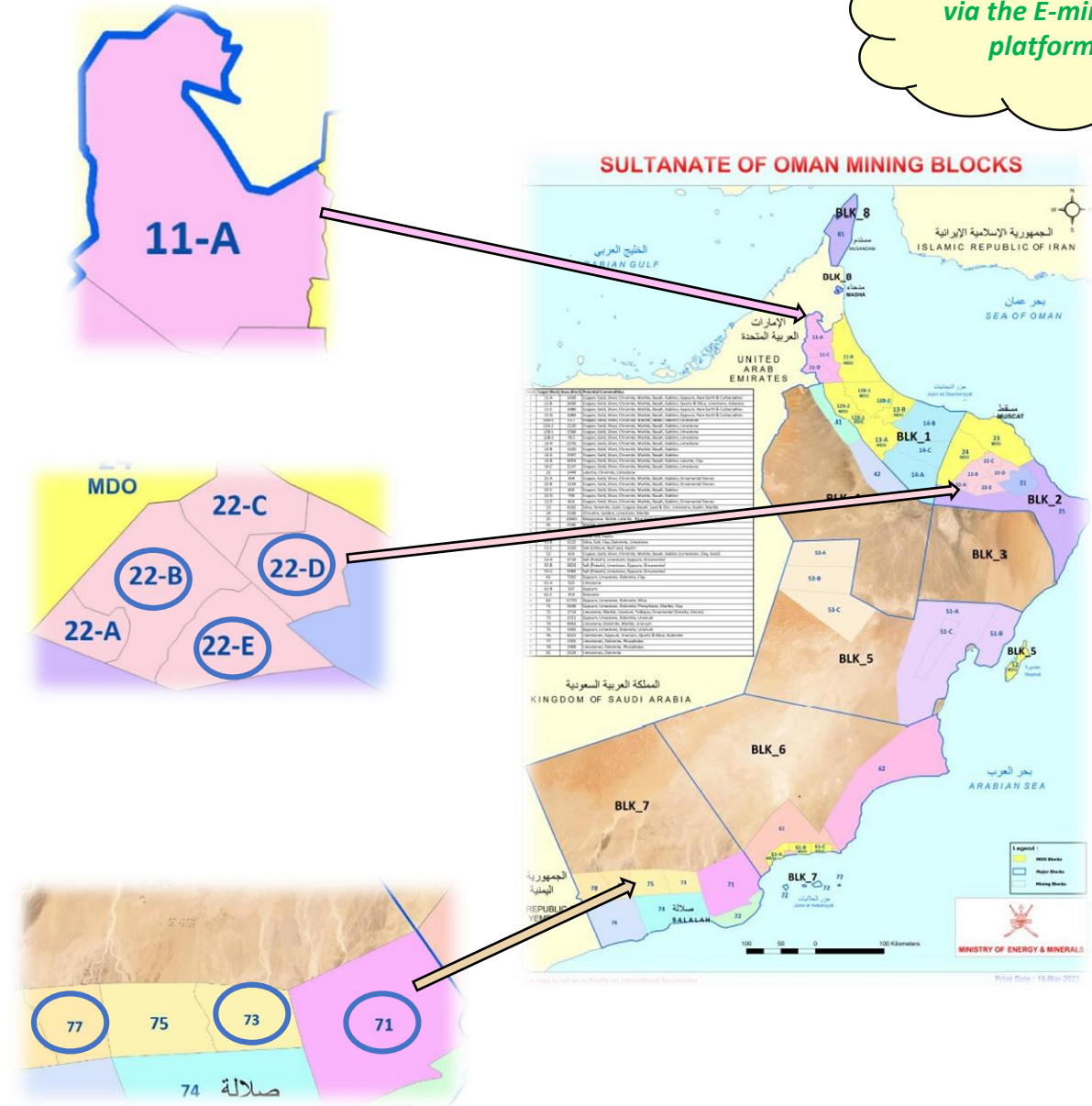
- Exploration to Mining
- Large areas (100s of Kms2)
- Rights to explore and mine several ores.
- Granted for 20 - 30 years.
- Ratified by a Royal Degree
- **Commercial scheme based on:**
  - Royalty of 5% + revenue determined based on economic feasibility
  - Rental fees (OMR 1/Km2 – exploration & OMR 2000/Km2 – mining)
  - CSR of 1% of revenue
  - Mining Data Repository fees
- Blocks are offered through open bid concessions
- **Evaluation criteria include:**
  - Technical capabilities and financial ability of the investor
  - Technical minimum work obligation (Drilling, Geo-physical surveys, trenching, drilling, geo-chemical work, piloting, etc)
  - Mid-stream “beneficiation” and downstream industrial localization





# Oman Mining Bid Round 2023

Future bids will be via the E-mining platform



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## Announcement of Offering Mining Concession Areas

The Ministry of Energy and Minerals is inviting the Mining International and local companies having experience in Mining projects to participate in the Mining Concession bid round Blocks as following:

Dhofar Governorate			
Concession Areas	71	73	77
Area	5638 Km <sup>2</sup>	1551 Km <sup>2</sup>	1355 Km <sup>2</sup>
The raw materials expected	Gypsum, Limestone, Dolomite, Phosphates, Clay.	Gypsum, Limestone, Dolomite.	Limestone, Dolomite, Phosphates.

Al Sharqiyah North Governorate			
Concession Areas	(22-B)	(22-D)	(22-E)
Area	1144 Km <sup>2</sup>	790 Km <sup>2</sup>	810 Km <sup>2</sup>
The raw materials expected	Copper, Gold, Silver, Chrome, Basalt.	Copper, Gold, Silver, Chrome, Basalt.	Copper, Gold, Silver, Chrome, Basalt.

Al Buraimi Governorate	
Concession Area	11-A
Area	1438 Km <sup>2</sup>
The raw materials expected	Copper, Gold, Silver, Chrome, Basalt, and Gypsum.

Start date: 28 March 2023      End Date: 28 May 2023

For More Details and Registration, please revert to Email: [concessions.dept@mem.gov.om](mailto:concessions.dept@mem.gov.om)

The background of the slide is a solid orange color. Overlaid on this are several thin, white, wavy lines that flow from the top left towards the bottom right, creating a sense of movement and depth. These lines are of varying lengths and curves, some forming partial loops.

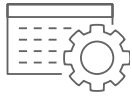
**Thank you**



# Marketing Plan for 2023 Bid Round for Oil & Gas Blocks

DG of Investments  
Concessions Department  
03 May 2023





# General Oman Geology

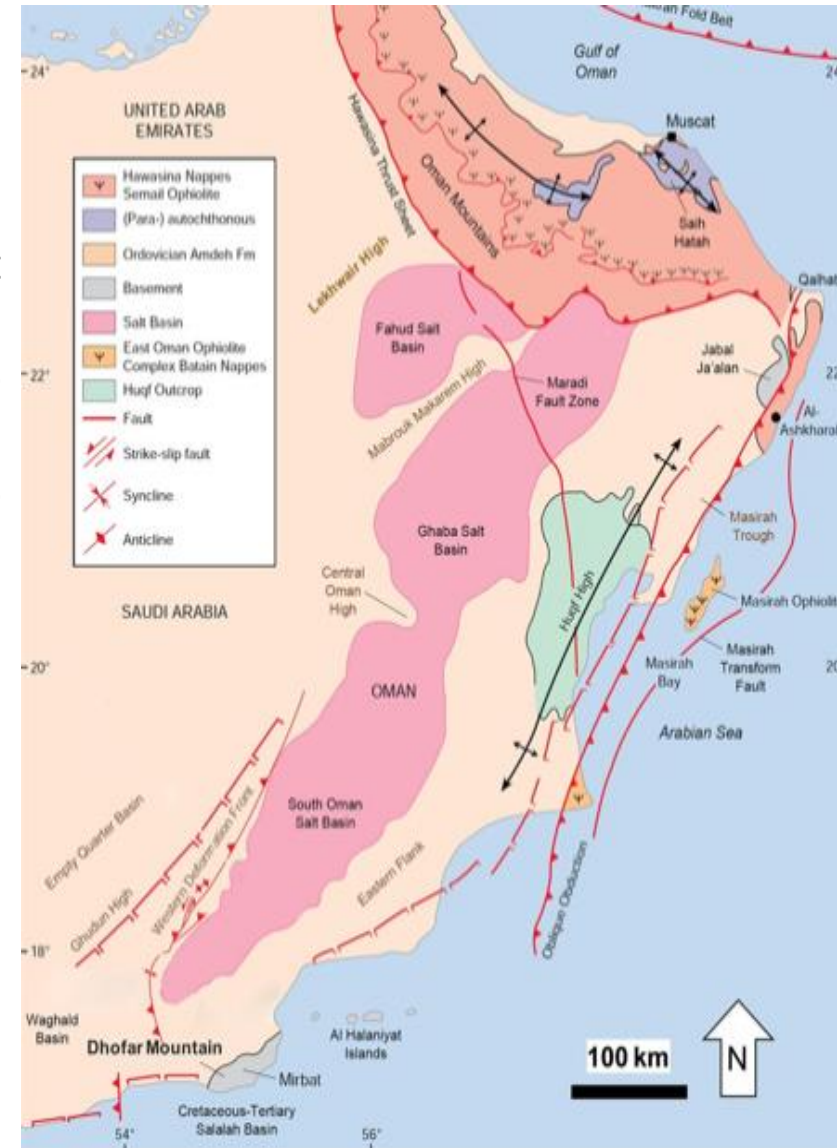


Oman contains several structural regions that reflect the role global tectonism has had upon the Sultanate. Hydrocarbons have been discovered in each of the structural provinces.

Salt basins are the largest, most laterally extensive structural provinces in Oman. There are three recognized basins.

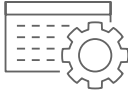
- The Fahud Salt Basin
- The Ghaba Salt Basin
- The South Oman Salt Basin

These have been informally sub-divided over time. Most of the Sultanate's oil fields are found within the salt basins.



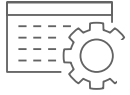
AGE (MYA)	ERA	PERIOD
5.33	Cenozoic	Quaternary
33.9		Neogene
100.5		Paleogene
163.5	Mesozoic	Cretaceous
237.0		Jurassic
259.8		Triassic
323.2	Paleozoic	Permian
382.7		Carboniferous
423.0		Devonian
427.4		Silurian
433.4		Ordovician
438.8		Cambrian
458.4	Precambrian	Neoproterozoic
470.0		
485.4		
497.0		
509.0		
521.0		
541.0		
635		
850		
1000		





# Major Oil Companies Operating in Oman

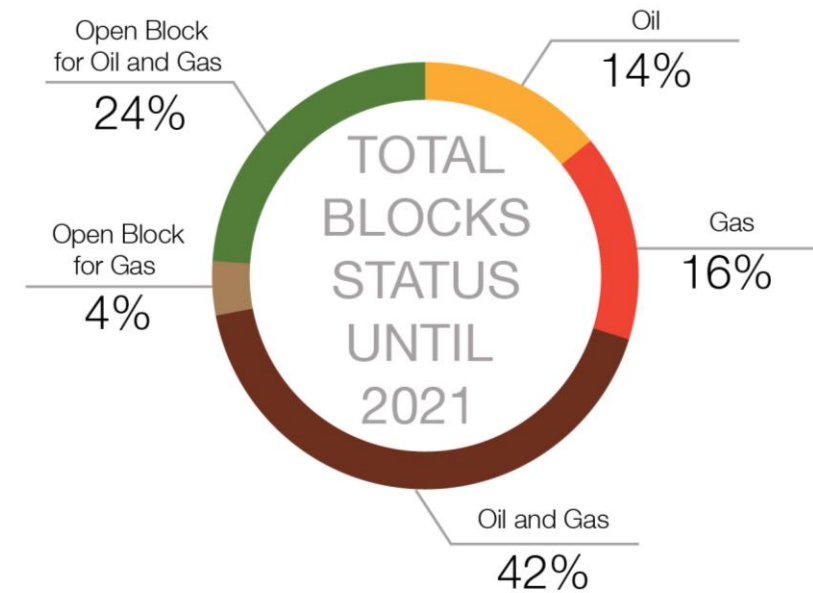
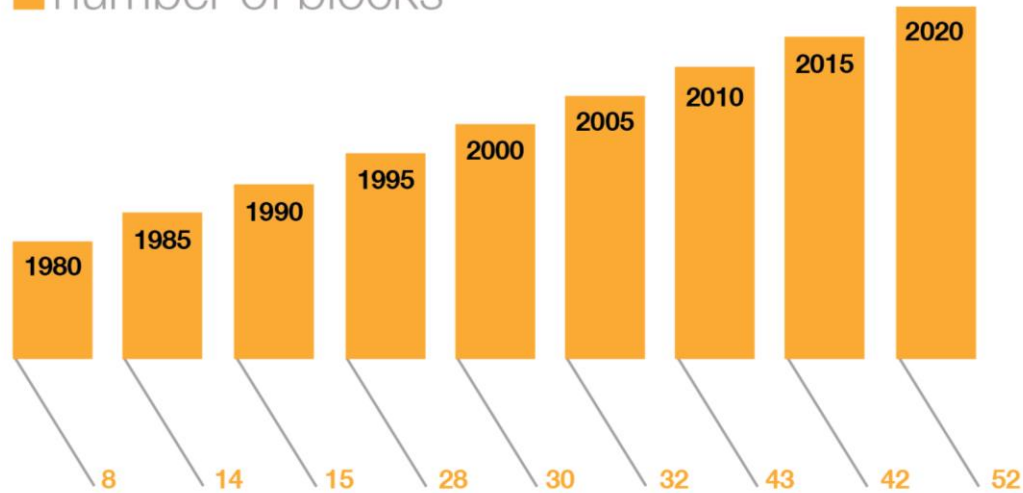




# Historical record of oil and gas licensing round

## Concession Blocks Growth

■ number of blocks

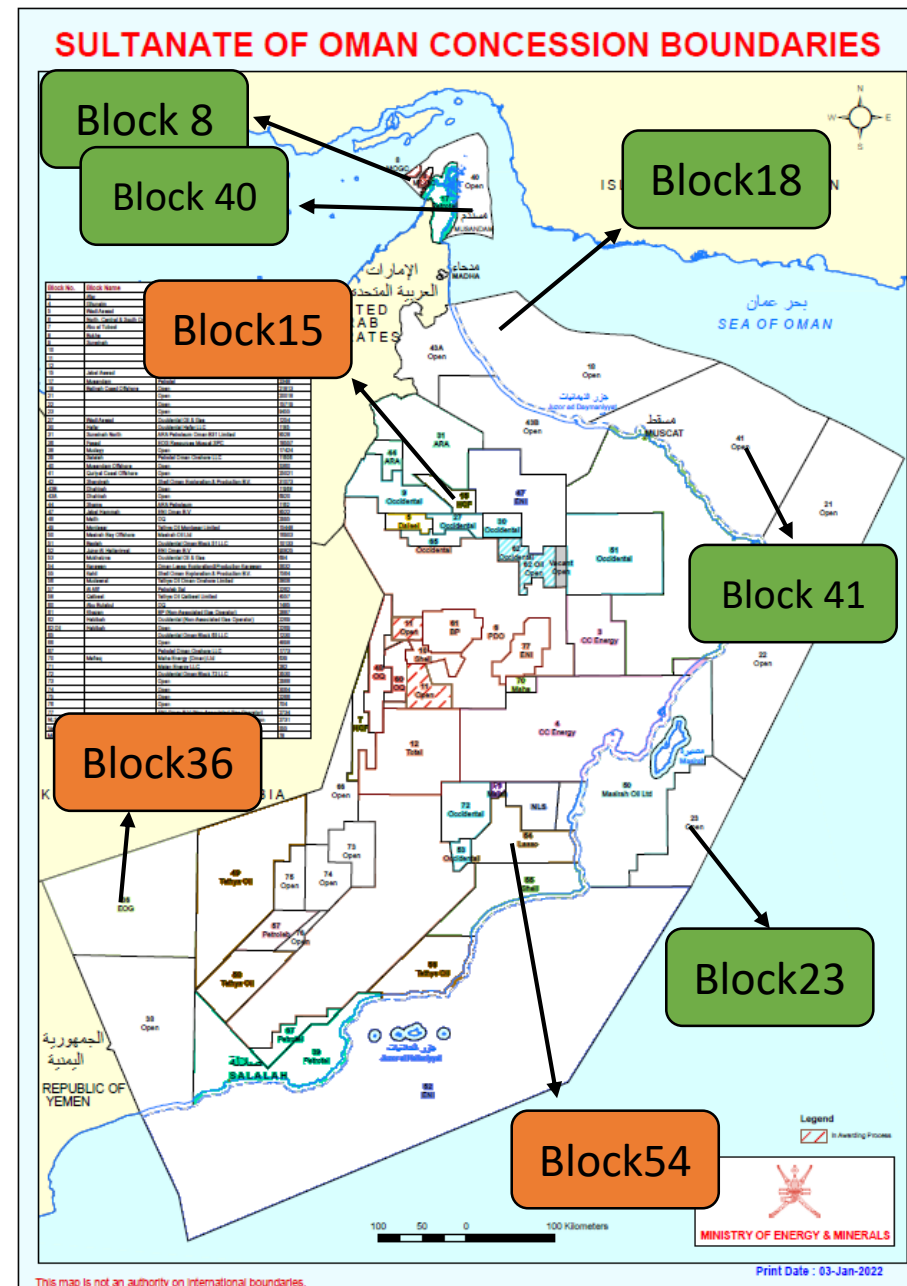




# 2023 Oman Bid Round



- 2023 Plan:
- Phase-1: Three onshore blocks (15, 36, 54). Bid starting date was on 26 March 2023 and bid ending date is on 25 June 2023.
- Phase-2: Offshore blocks (including 8/40, 18/41 and 23) by end of and Q2/early Q3 2023.



# 2023 Oman Bid Round – Phase 1 Block 15



- It has proven reserves/discovery from wells Ataya 1H1&H2 in Natih-C unit, drilled by Hydrocarbon Finders Oman E & P in 2017. The well-produced approx. 44,000 bbls during extended well test.

## Data Available:

- 750 km of 2D seismic data is available in this block.
- 610 km<sup>2</sup> of 3D seismic.
- Gravity data.
- Information of 5 wells and 11 wellbores, well reports, digital log data.

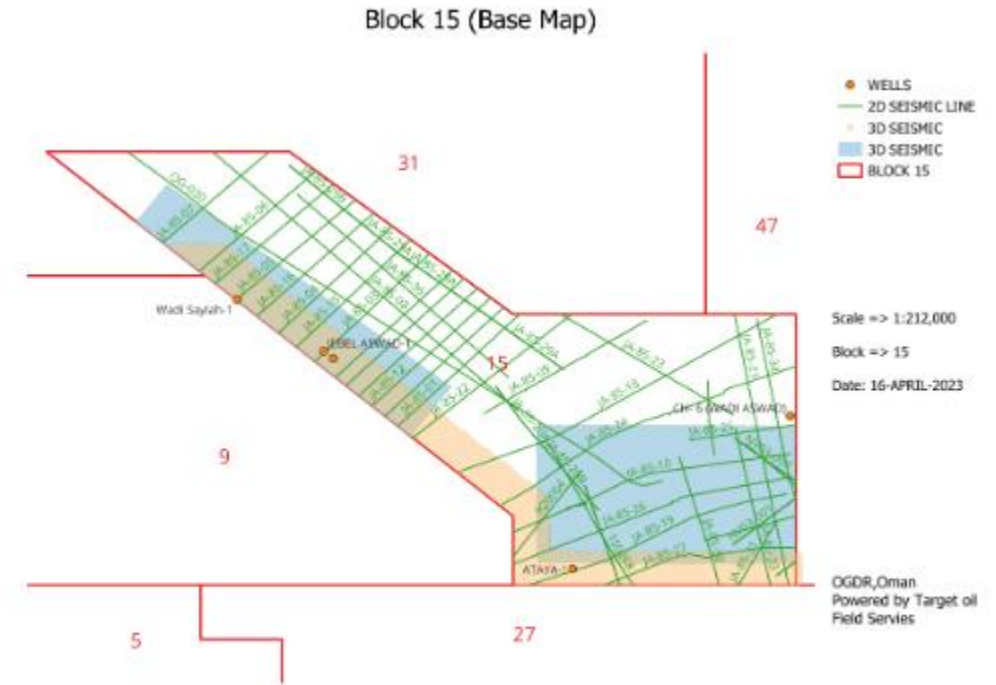


Figure 1 Seismic and well location base map



# 2023 Oman Bid Round– Phase 1 Block 54



- The Block is covering an area of 5632 km sq and located south east Oman nearby a giant heavy oil Mukhaizna field operated by Occidental Mukhaizna which produces nearly 120,000 barrels per day.
- The Block is recently relinquished from LASSO.

## Data Available:

- 4500 km of 2D seismic data: surveys of multiple vintages.
- 500 km<sup>2</sup> of 3D seismic.
- Gravity data.
- Information for 16 wells and 16 wellbores, well reports, digital log data.

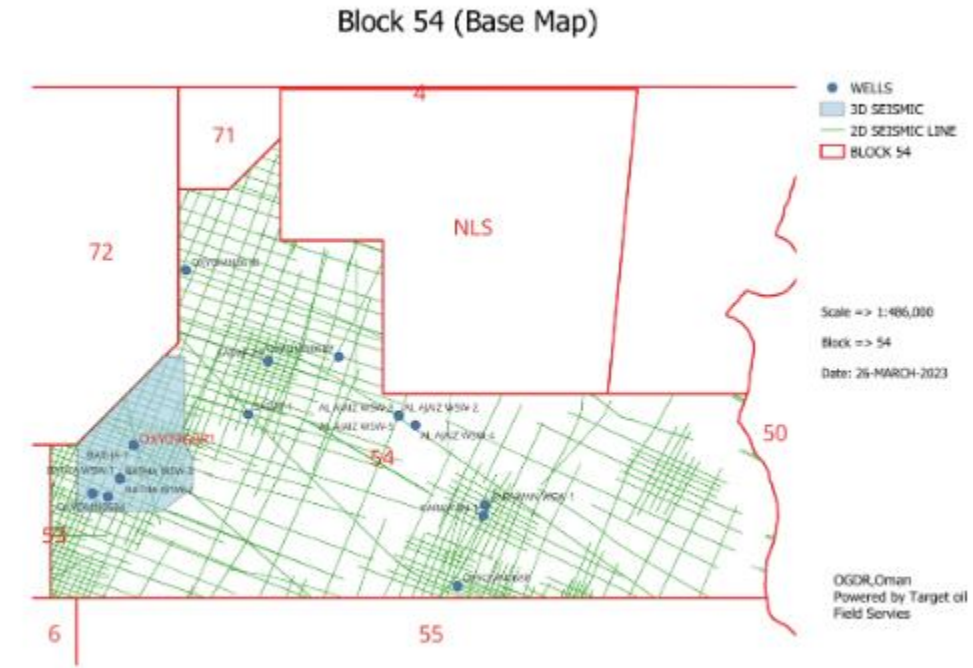


Figure 1 Seismic and well location base map

# 2023 Oman Bid Round– Phase 1 Block 36



- Block 36 occupies an area of 18,556 km<sup>2</sup> and straddles the Rub-Al Khali Flank
- Block 36 has gas accumulations (2.8MMSCFD) from well Thara'a-1 in Rhuddanian SS unit, drilled by EOG (previous Operator).

## Data Available:

- 10000 km of 2D seismic data is available in this block.
- Gravity data.
- Information for 8 wells and 9 wellbores, well reports, digital log data.

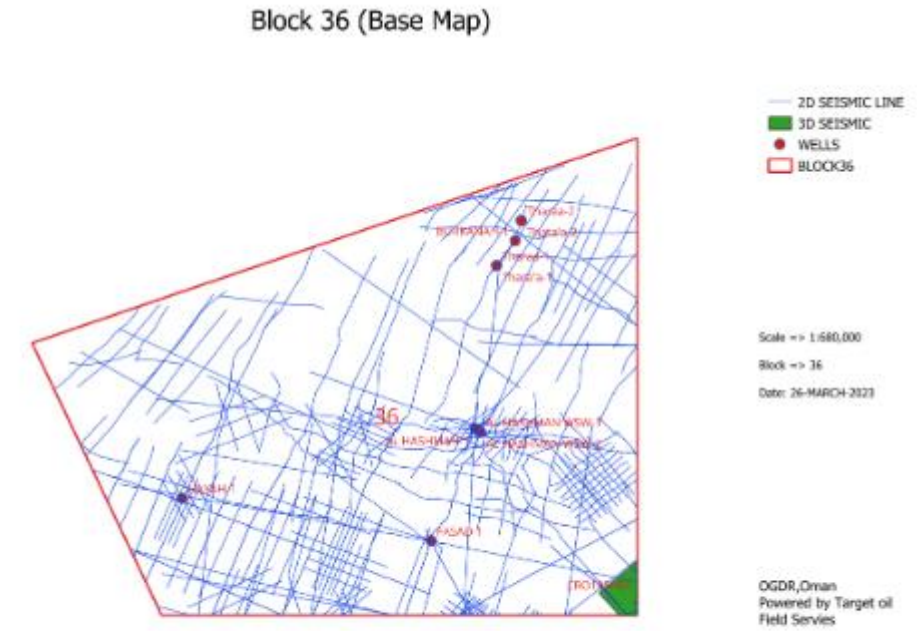


Figure 1 Seismic and well location base map

# Contract Model



- The blocks will be offered through Exploration and Production Sharing Agreement (EPSA) as a contract model (cost recovery and profit-split system concept).
- Most bid parameters are flexible and negotiable.
- No royalty or oil production tax is paid.
- The bidding cycle as follows:



# Oman Bid Round LDR platform



<https://ldr.omanbidround.com>







Thank You



# Backup – Oman Concession Map

## SULTANATE OF OMAN CONCESSION BOUNDARIES

