



**Arab Industrial Development
Standardization and Mining Organization**

Current situation & Future prospects of Clean Energy Minerals In the Arab region



Presented by:

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Responsible for Managing Mineral Resources Department



The Arab Industrial Development, Standardization, and Mining Organization (AIDSMO) is a specialized Arab organization operating within the League of Arab States, focusing on industry, standardization, and mining sectors.



Our vision

A leading organization achieving excellence, cooperation, and coordination among Arab countries in the development and enhancement of industry, mining, standardization.



Industry



Standardization



Mining

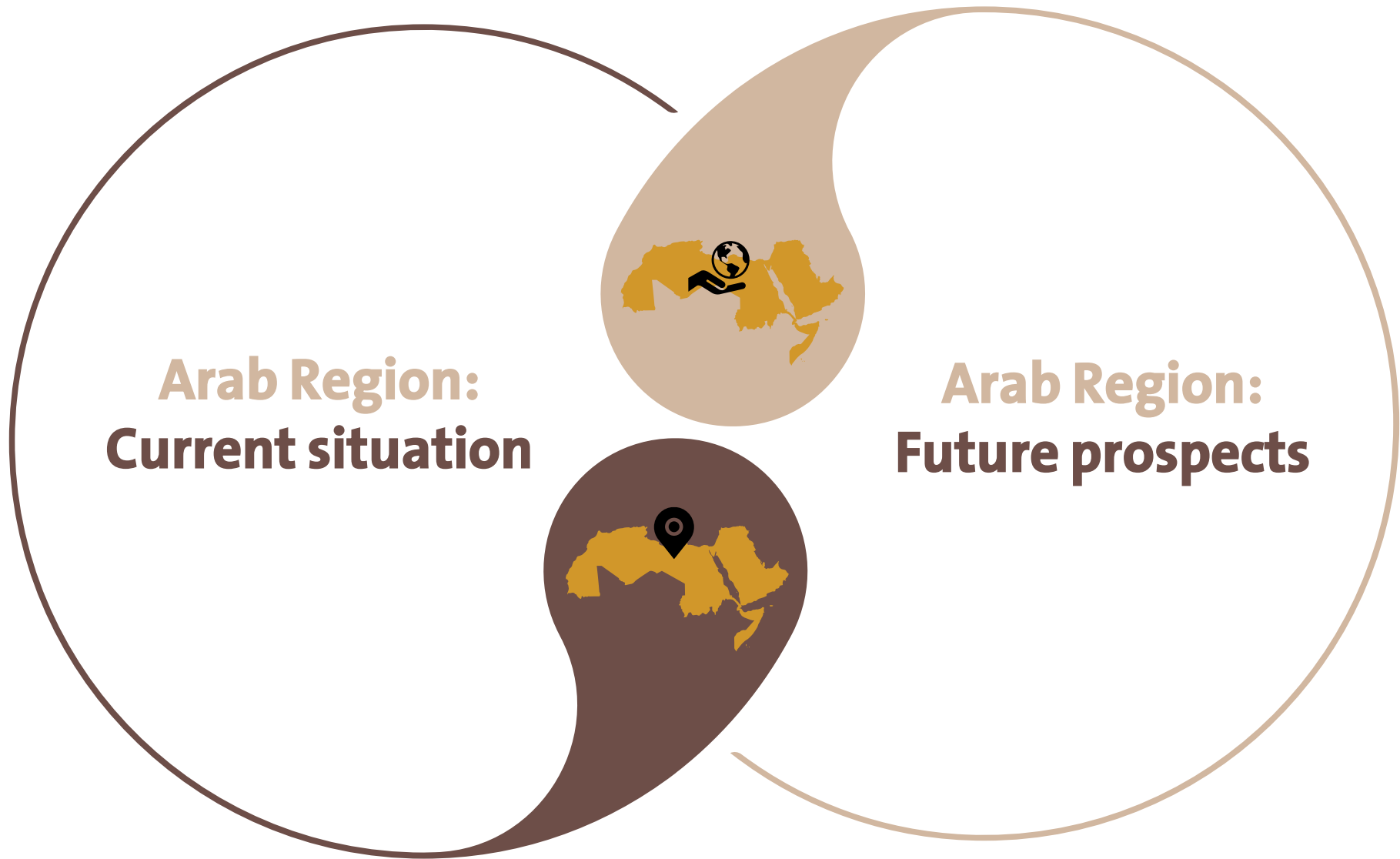


<https://aidsmo.org>



21

Arab Country



**Arab Region:
Current situation**

**Arab Region:
Future prospects**



The Arab Region: Current situation

Arab region is a home to major mineral resources within diverse geological environments, essential to support the global shift towards climate change mitigation.

Home of Mineral Resources

Hajjar Shield



Arabian-Nubian Shield



Atlas Mountains



Rokaybat Shield



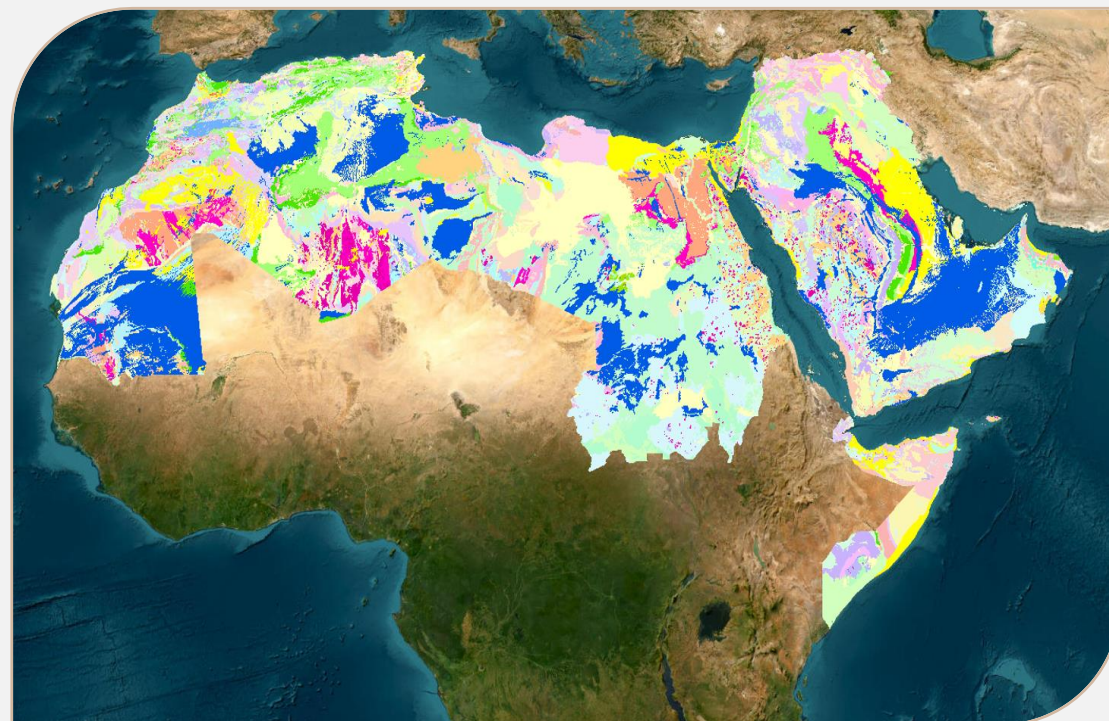
Al-Awaynat Massif



Tibesti Massif



Principal environments and geological formations in the region.



Geological map of the Arab region

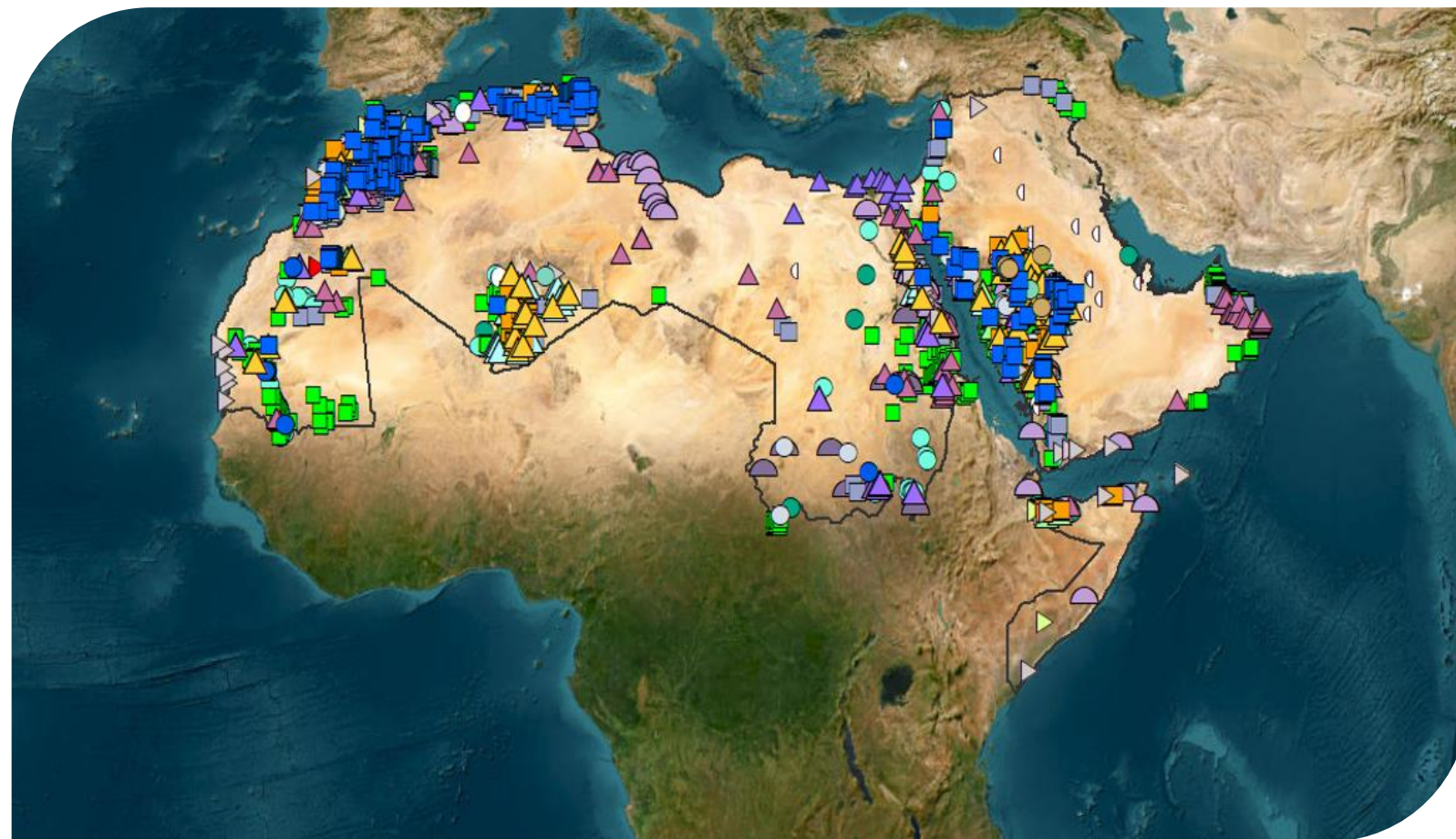


Energy Transition Minerals occurrence in the Arab Region



3884

Occurrence/site
(Available now)



Mineral Map of the Arab region

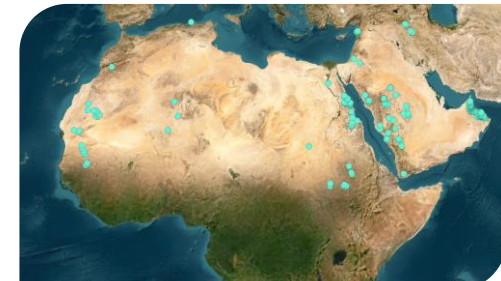
Global Demand for Minerals Under the Net Zero Emissions Scenario by 2050:
(From 2025 to 2050)



+218 Mt
Copper



+1.3 Mt
Lead



+3.3 Mt
Chromium

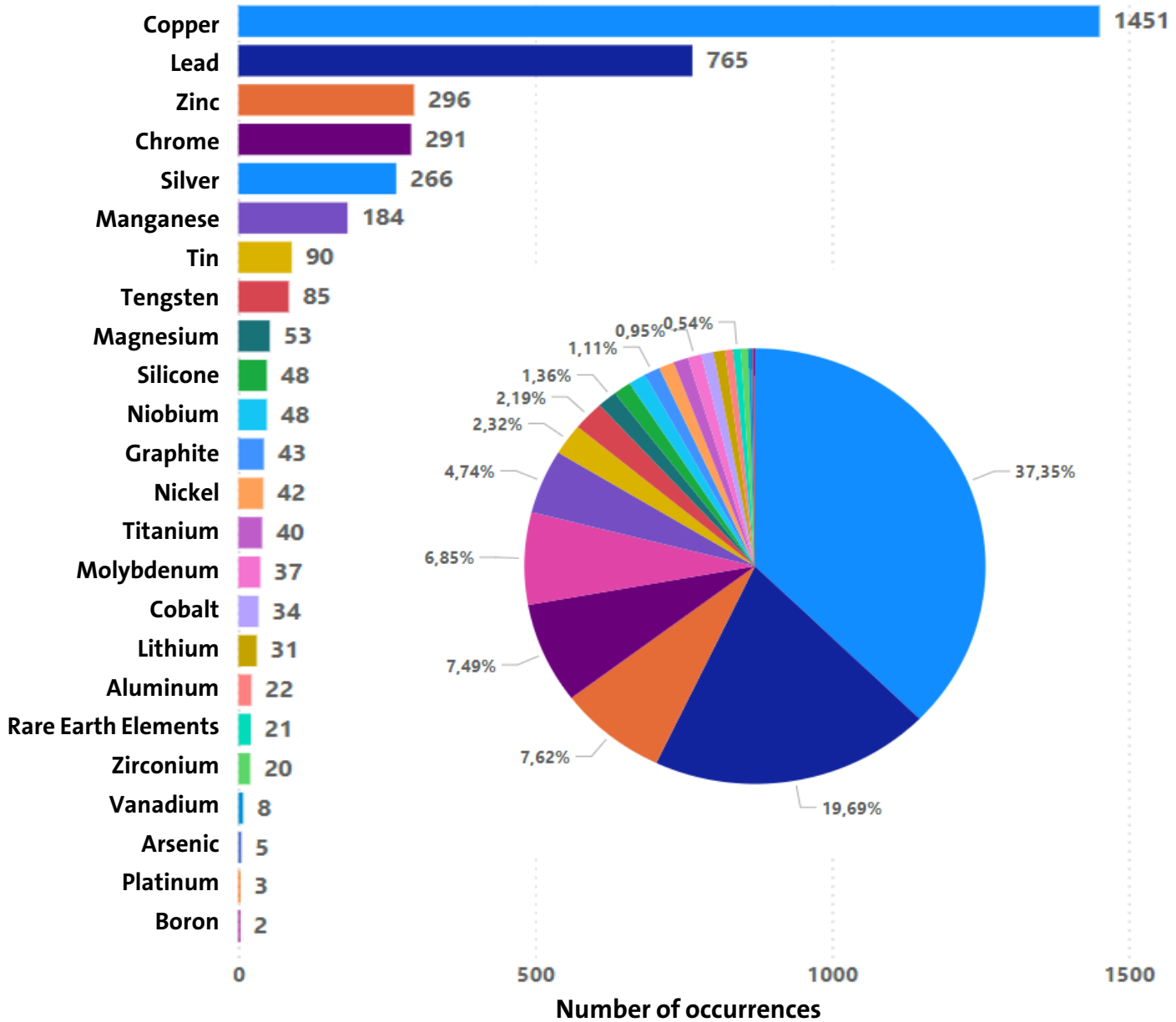


+7.9 Mt
Manganese

Clean Energy minerals in the Arab region

Reference: iea.org

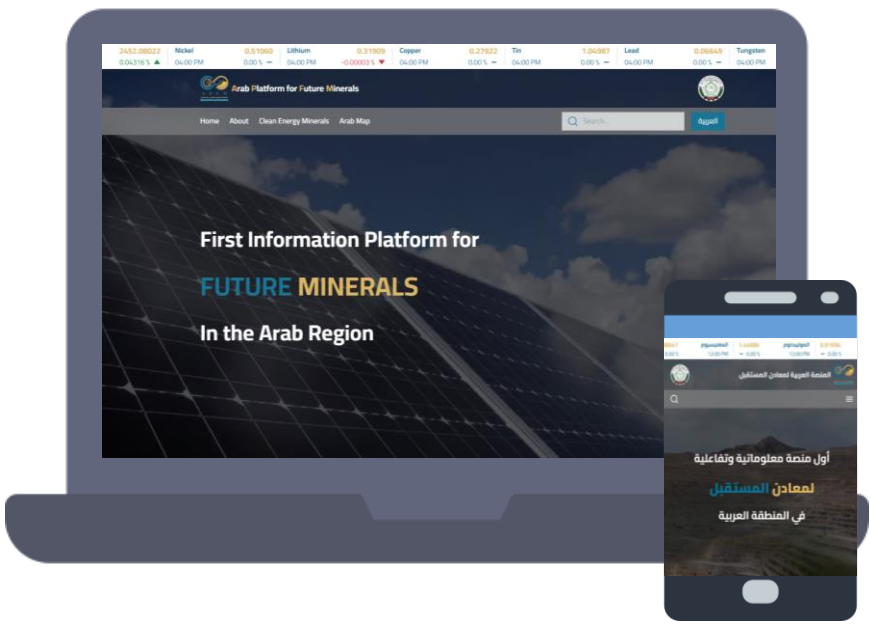
Mineral





Arab Platform for Future Minerals

”
1st official interactive informational Platform for Minerals and their investment opportunities in the Arab region
“



Official launch
January 2024

The platform was launched by their Excellencies, the Arab Ministers concerned with mineral resources affairs, at their ninth consultative meeting in the Kingdom of Saudi Arabia.



1st interactive informational Platform

1st Edition: Clean Energy Minerals
January 2024

The main
outcomes of
the platform



Minerals in the Arab region



Investment opportunities



Arab Production

Using Power BI



Value Chain



Global Demand

Using Power BI



Clean energy technologies

Using Power BI



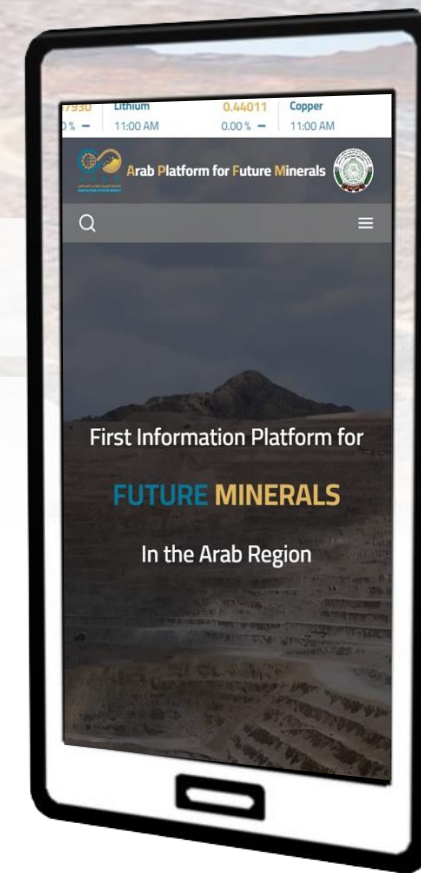
Minerals Prices

Updated every 60 seconds from
international sources



Arab Map

An interactive window using ArcGIS Server





Arab region: Future Prospects

The demand for critical and strategic minerals is continuously increasing due to the trends in energy transition, infrastructure development, modern technologies, and new lifestyles.

Land of new and promising investment opportunities

High mineral potentials

The Arab region possesses some of the largest mineral reserves and is indeed a center for the production of some of them

Manufacturing drives demand for minerals

The share of the Gross Domestic Product (GDP) in the region will increase.

Diverse and available infrastructure

The region is characterized by qualified infrastructure to support the mining industry.

A new and emerging mining center

The region is considered a producer and supplier of minerals to global markets.

Attractive and incentivizing investment laws

The region benefits from a modern and adaptable investment system.



Infrastructures



Mineral occurrence in the Arab region

Rapid Economic growth

A significant economic growth is expected in the region in the next decade



Airports



1

Enhancing the mining information system

- ✓ Intensifying exploration and drilling operations and strengthening geological survey programs
- ✓ Activating digital mining
- ✓ Providing essential data for investors.

2

Supporting mining investment

- ✓ Providing a conducive investment framework.
- ✓ Implementing a comprehensive digital system for investors and explorers
- ✓ Incentives for investors and explorers.

3

Providing integrated value chains.

- ✓ Establishing a comprehensive mining system based on sustainability.
- ✓ Implementing principles of good governance.
- ✓ Establishing applied institutes to foster a professional and innovative workforce.

4

Implementing responsible and sustainable mining practices

- ✓ Enhancing the value-added of mineral resources.
- ✓ Launching industrial partnerships.
- ✓ Providing necessary infrastructure.

5

Driving technological advancement

- ✓ Continuing leadership in research and development in the extractive and processing sectors.
- ✓ Using technology to serve human work and achieve sustainable development goals.
- ✓ Supporting the circular economy in the mining sector.

Guiding roadmap for energy transition minerals in the Arab region

Vision

Enhancing the position of transition minerals in Arab countries and supporting their value chain for green and digital economy.



Currently being implemented by an Arab committee composed of representatives from Arab mining ministries in cooperation with the organization



Thank you



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