

# The **MENA MINING**

## Show 2015

معرض للتعدين في الشرق الأوسط وشمال أفريقيا 2015

**6 – 7 October 2015**

Dubai International  
Convention and  
Exhibition Centre

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# MINDS, MONEY, MACHINERY AND MINERS

Your pathway to the best partnerships and projects in the Middle East and Africa.

The 8<sup>th</sup> annual MENA Mining Show welcomes ministers, geological surveys, exploring and operating mining companies, investors and key solution providers to connect and develop the world's next frontier mining region.

The event is a C-level conference and collocated exhibition. The conference provides access to 500 senior delegates from mining companies, government, investors and solution providers. The collocated exhibition features 80 exhibitors and 1500 visitors from around the world.

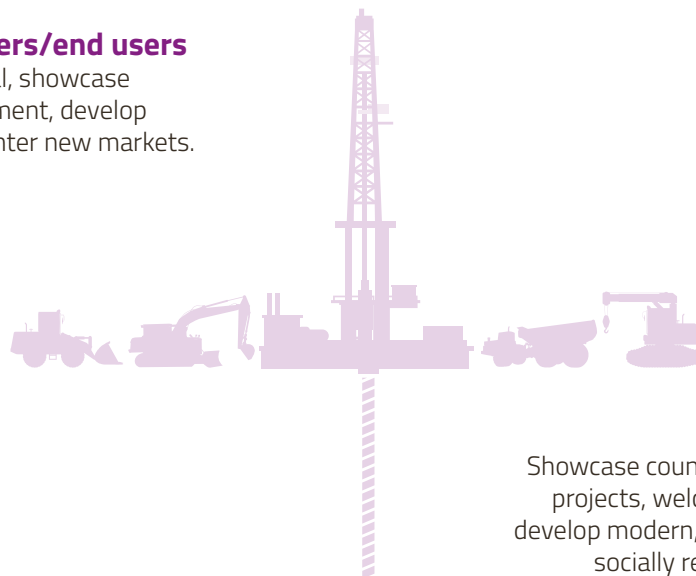


## Mining companies

Raise finance, win licenses, understand regulations, showcase projects, build partnerships, purchase solutions.

## Solution providers/end users

Source raw material, showcase services and equipment, develop partnerships and enter new markets.



## Governments

Showcase country opportunities and projects, welcome investment and develop modern, environmentally and socially responsible regulation.

## Investors

Meet mining companies, ministers and geological surveys to identify new projects and opportunities.



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**1500** ATTENDEES

**150** GOVERNMENT OFFICIALS

**150** MINING COMPANIES



## MOROCCO



**SPEAKERS:** H.E. Abdelkader Amara, Minister, **Ministry of Energy, Mines, Water & Environment, Morocco**

Amina Benkhadra, Director General, **ONHYM**

Lhou Maacha, General Manager - Exploration & Development, **Managem**

**TOP 3 MINERALS AND RESOURCES:** Phosphate, iron, silver

**KEY PROJECTS:**

- Managem's Imiter Project
- Maya Gold & Silver's Zgouder Project
- OCP's Khouribga Project

## SUDAN



**SPEAKERS:** H. E. Ahmed Mohammed Sadeq Al Karuri, Minister, **Ministry of Minerals, Sudan**

Abdel Munem Inafi, Deputy Mine Chief, **Rida Mining Company**

**TOP 3 MINERALS AND RESOURCES:** Gold, copper, iron

**KEY PROJECTS:**

- Orca Gold's Block 14
- Ariab & La Mancha's Hassai Project

## MAURITANIA



**SPEAKER:** H. E. Mohamed Salem Bechir, Minister, **Ministry of Petroleum, Energy & Mines, Mauritania**

**TOP 3 MINERALS AND RESOURCES:** Iron, copper, gold

**KEY PROJECTS:**

- Kinross's Tasiast Project
- SABIC's Atomai Project
- First Quantum's Guelb Moghrein Project

## LIBERIA



**SPEAKER:** H. E. Patrick Sendolo, Minister, **Ministry of Lands, Mines & Energy, Liberia**

**TOP 3 MINERALS AND RESOURCES:** Iron, gold, diamonds

**KEY PROJECTS:**

- Aureus's New Liberty Project
- Arcelor Mittal's Yekepa Project

## BURKINA FASO



**SPEAKER:** Alex Hagan, Technical Services Director, **Nordgold (Somita Mine)**

**TOP 3 MINERALS AND RESOURCES:** Gold, tin, tantalum

**KEY PROJECTS:**

- Gryphon Minerals Banfora Project
- West African Resources Boulsa Project

## UGANDA



**ATTENDING:** H. E. Irene Muloni, Minister, **Ministry of Energy & Mineral Development, Uganda**

**TOP 3 MINERALS AND RESOURCES:** Gold, tin, limestone

**KEY PROJECTS:**

- Uganda International Mining Company's Kinamiro Rugando Project
- Vangold's Kafunjo Project

## GHANA



**SPEAKER:** Emmanuel Aubynn, Regional Social Responsibility Manager, **Newmont Africa**

**TOP 3 MINERALS AND RESOURCES:** Gold, diamonds, aluminium

**KEY PROJECTS:**

- AngloGold Ashanti's Obuasi Project
- Golden Star's Prestea Project
- Newmont's Ahafo Project

## NIGER



**SPEAKER:** H. E. Omar Hamidou Tchiana, Minister, **Ministry of Mining & Industrial Development, Niger**

**TOP 3 MINERALS AND RESOURCES:** Uranium, gold, tin

**KEY PROJECTS:**

- Paladin's Agadez Project
- Areva's Imouraren Project

## NIGERIA



**SPEAKER:** Mohammed K. Amate, Director General, **Ministry of Mines & Steel Development, Nigeria**

**TOP 3 MINERALS AND RESOURCES:** Iron, gold, aluminium

**KEY PROJECTS:**

- Australian Mine's Yargarma Project
- Boab Mining's Kurege Project

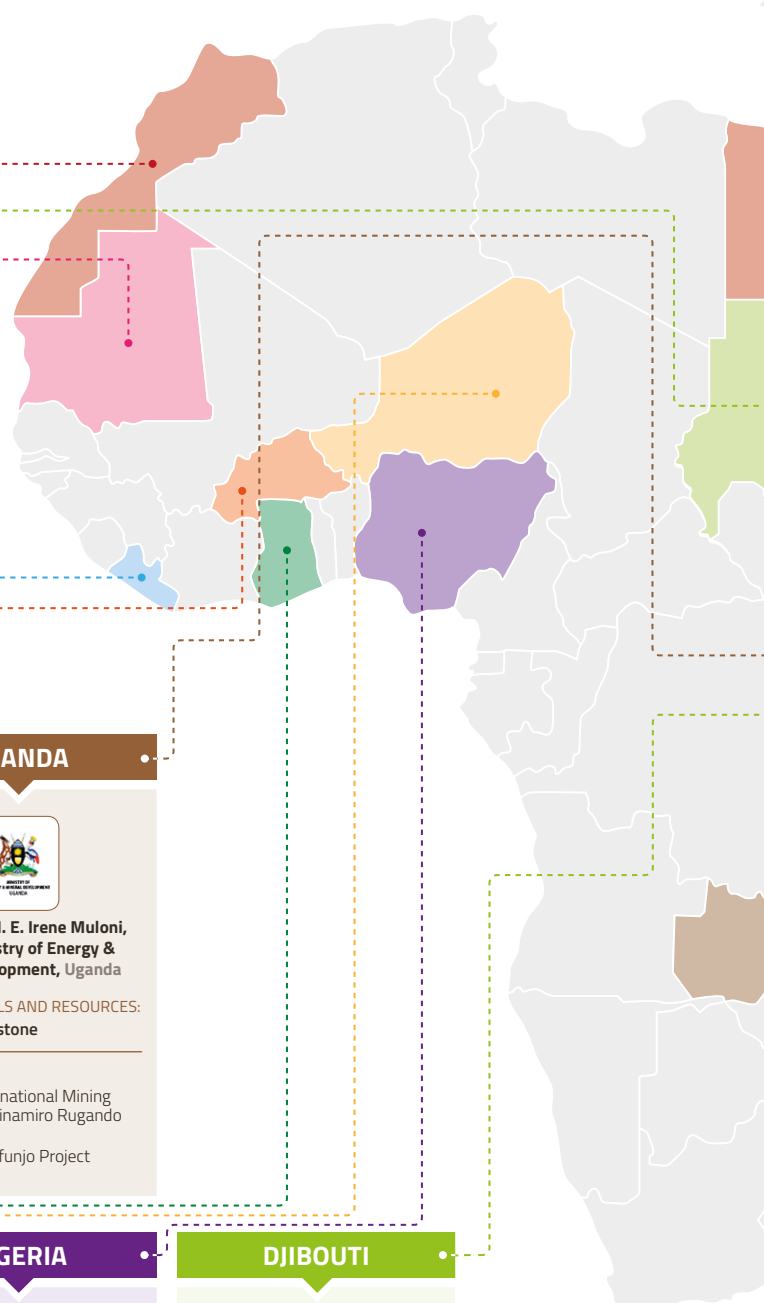
## DJIBOUTI



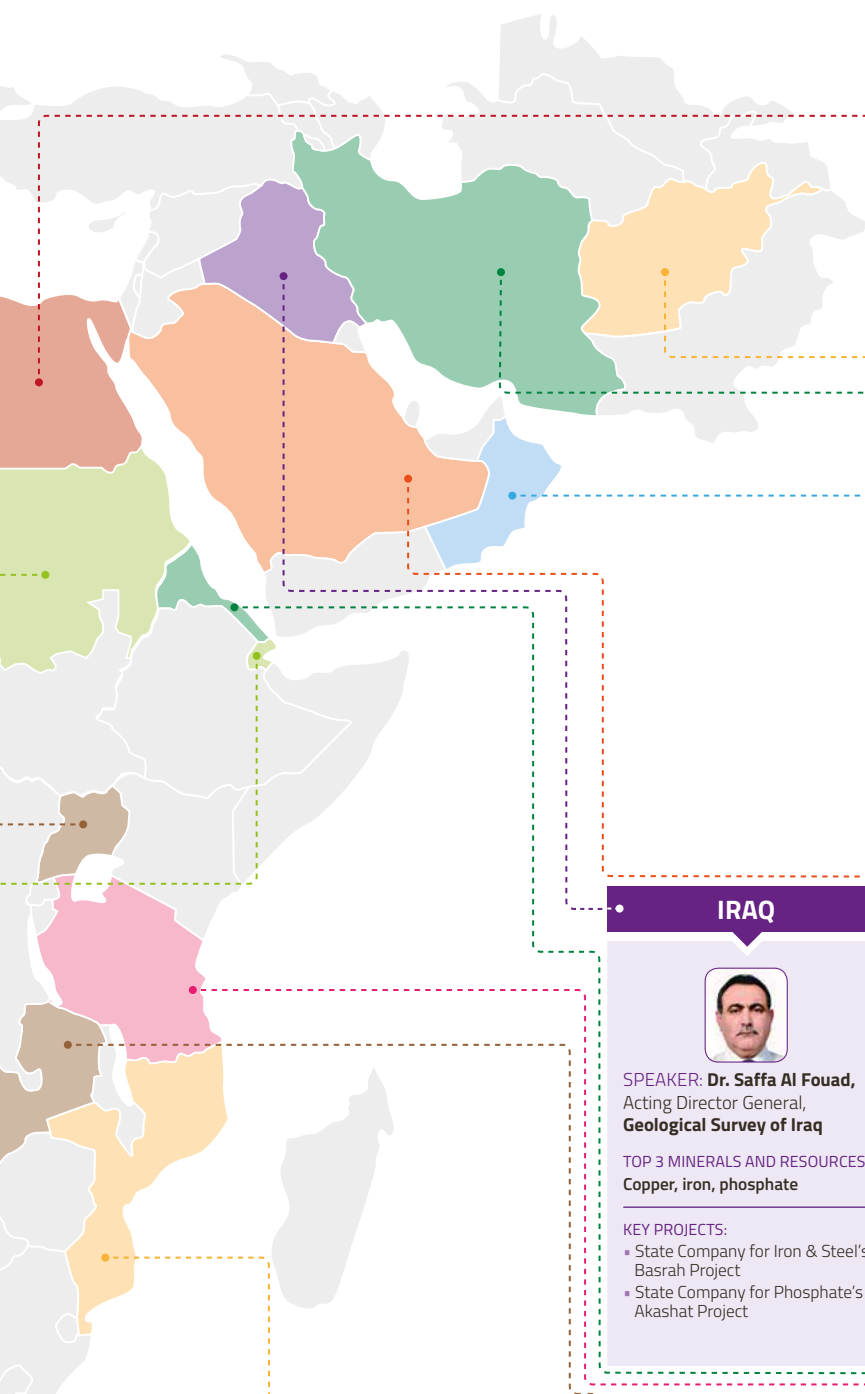
**SPEAKER:** H. E. Ali Yacoub, Minister, **Ministry of Energy & Natural Resources, Djibouti**

**TOP 3 MINERALS AND RESOURCES:** Gold, gypsum, iron

Several international companies are prospecting with updates to be announced



# OPPORTUNITY



## EGYPT



**SPEAKERS:** H. E. Fekry Youssef, Undersecretary for Mineral Resources, **Ministry of Petroleum & Mineral Resources, Egypt**  
Omar Toema, Chairman, **Egyptian Mineral Resources Authority**

**TOP 3 MINERALS AND RESOURCES:** Gold, iron, phosphate

**KEY PROJECTS:**

- Centamin's Sukari Project
- Gippsland's Nuweibi Project

## IRAN



**SPEAKER:** Gholamhossein Ghorbankarimi, Mineral Processing Expert, **Geological Survey of Iran**

**TOP 3 MINERALS AND RESOURCES:** Iron, copper, gold

**KEY PROJECTS:**

- Mobarakeh Steel's Goleghar Project
- Iranian National Copper's Sarcheshmeh and Sungun Projects
- Chadormalu Mining's Chadormalu Project

## AFGHANISTAN



**SPEAKER:** H. E. Dr. Daud S. Saba, Minister, **Ministry of Mines & Petroleum, Afghanistan**

**TOP 3 MINERALS AND RESOURCES:** Gold, copper, lithium

**KEY PROJECTS:**

- MCC's Aynak Project
- SAIL's Hajigak Project

## IRAQ



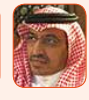
**SPEAKER:** Dr. Saffa Al Fouad, Acting Director General, **Geological Survey of Iraq**

**TOP 3 MINERALS AND RESOURCES:** Copper, iron, phosphate

**KEY PROJECTS:**

- State Company for Iron & Steel's Basrah Project
- State Company for Phosphate's Akashat Project

## SAUDI ARABIA



**SPEAKERS:** Hassan Al Marzouki, Director General, Planning & Development, **Saudi Geological Survey**  
Ali Alamri, CEO, **Saudi Manajem**

Baba Ahmed Mohamed Sidiye, Mining Engineer, **SABIC**

**TOP 3 MINERALS AND RESOURCES:** Gold, phosphate, aluminium

**KEY PROJECTS:**

- Ma'aden's Al Amar gold project
- Alara's Khnaiguiyah Project
- Barrick's Jabal Sayid Project

## OMAN



**SPEAKERS:** Khuwailid Al Hinai, HSE & Security Manager, **Gulf Mining Group**  
Hussain Al Zubaidi, Head of Minerals Exploration Department, **Ministry of Commerce & Industry, Oman**

**TOP 3 MINERALS AND RESOURCES:** Gold, copper, gypsum

**KEY PROJECTS:**

- Gulf Mining Group's Chrome Project
- Mawarid's Yanqul Project

## MOZAMBIQUE



**SPEAKER:** David Archer, CEO, **Savannah Resources**

**TOP 3 MINERALS AND RESOURCES:** Gold, tin, tantalum

**KEY PROJECTS:**

- BHP Billiton's Mozal Project
- Vale's Moatize Project

## ZAMBIA



**SPEAKER:** H. E. Richard Musukwa, Deputy Minister, **Ministry of Mines, Energy & Water Development, Zambia**

**TOP 3 MINERALS AND RESOURCES:** Gold, copper, zinc

**KEY PROJECTS:**

- Barrick's Lumwana Project
- Vedanta's Konkola Project

## TANZANIA



**SPEAKER:** Dr. Reyno Scheepers, CEO, **Handeni Gold**

**TOP 3 MINERALS AND RESOURCES:** Gold, platinum group metals, tanzanite

**KEY PROJECTS:**

- Acacia's Bulyanhulu Project
- AngloGold Ashanti's Geita Project
- East Africa Metals' Handeni Project

## ERITREA



**SPEAKER:** Tim Williams, CEO, **Andiamo Exploration**

**TOP 3 MINERALS AND RESOURCES:** Gold, copper, zinc

**KEY PROJECTS:**

- Nevsun Resource's Bisha Project
- South Boulder's Colluli project



**H. E. Suhail Al  
Mazrouei**

Minister  
Ministry of Energy, UAE

"The MENA Mining Show provides a perfect platform for mining companies, investors and governments to develop sustainable mining within the Middle East and Africa."



**Amina  
Benkhadra**  
Director General  
ONHYM

"MENA – rich in mining potential  
and investment opportunities."

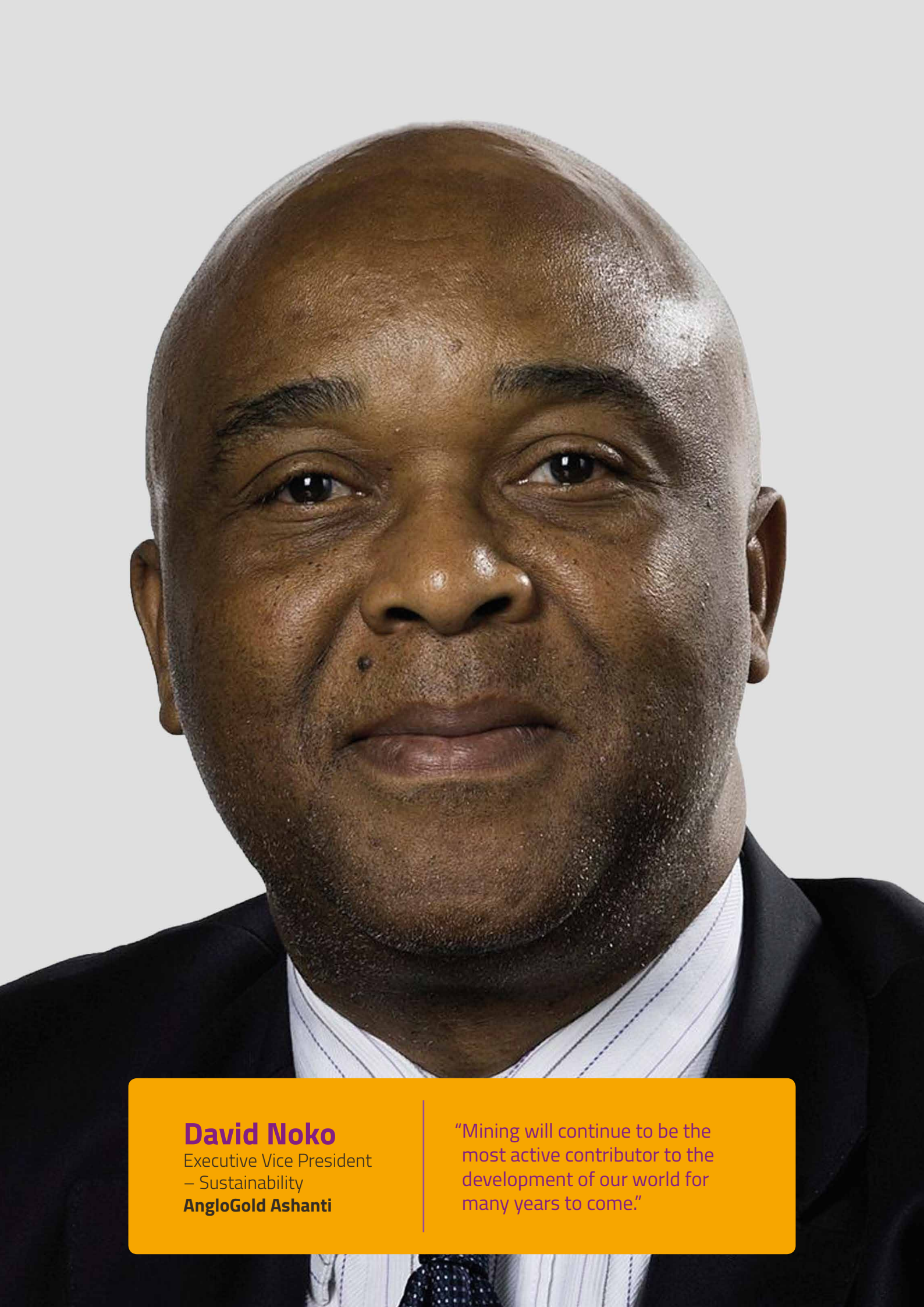


**Frank Holmes**

CEO  
U.S. Global Investors

"The mining industry is quickly right-sizing itself with a focus on returns on capital over growth at any price."





**David Noko**

Executive Vice President  
– Sustainability  
**AngloGold Ashanti**

“Mining will continue to be the most active contributor to the development of our world for many years to come.”



**Willem  
Middelkoop**

Co-founder, **Commodity  
Discovery Fund** & Author,  
**The Big Reset: War on Gold  
and the Financial Endgame**

“We think the resource market is bottoming out in 2015. This will present a once-in-a-life-time opportunity to investors”

The  
**MENA MINING**  
Show 2014



## MINING COMPANIES



**Amina Benkhadra**  
Director General, **ONHYM**



**David Noko**  
Executive Vice President - Sustainability, **AngloGold Ashanti**



**Lhou Maacha**  
General Manager – Exploration and Development, **Managem**



**Ali Alamri**  
CEO, **Saudi Manajem**



**Baba Ahmed Mohamed Sidiye**  
Mining Engineer, **SABIC**



**Emmanuel Aubynn**  
Regional Social Responsibility Manager, **Newmont Africa**



**Alex Hagan**  
Technical Services Director, **Nordgold (Somita Mine)**



**Khuwailid Al Hinai**  
HSE & Security Manager, **Gulf Mining Group**



**Tim Williams**  
CEO, **Andiamo Exploration**



**Mike Kelly**  
CEO, **Zara Mining Share Company**



**David Archer**  
CEO, **Savannah Resources**



**Abdel Munem Ilnafi**  
Deputy Mine Chief, **Rida Mining Company**



**Dr. Baurzhan Duisebayev**  
Head of Science Division – Innovation Institute, **Kazatomprom**



**Dr. Reyno Scheepers**  
CEO, **Handeni Gold**



**Frédéric van Haute**  
General Manager, **Tawana Resources**



**Hassan Abourgheba**  
Former Board Member, **National Mining Company**, Libya & Current Managing Director, **Development Bank**, Libya

## GEOLOGICAL SURVEYS



**Gholamhossein Ghorbankarimi**  
Mineral Processing Expert, **Geological Survey of Iran**



**Dr. Saffa Al Fouad**  
Acting Director General, **Geological Survey of Iraq**



**Hassan Al Marzouki**  
Director General, Planning & Development, **Saudi Geological Survey**



**Dr. Yousif El Samani**  
Director General, **Geological Research Authority of Sudan**



**Dr. Mowafa Taib**  
MENA Region Lead, **U.S. Geological Survey**



**Dr. Steven Fortier**  
Director, National Minerals Information Center, **U.S. Geological Survey**

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**H. E. Suhail Al Mazrouei**  
Minister,  
Ministry of Energy, UAE



**H. E. Fekry Youssef**  
Undersecretary for Mineral Resources, Ministry of Petroleum & Mineral Resources, Egypt



**H. E. Mohamed Salem Bechir**  
Minister, Ministry of Petroleum, Energy & Mines, Mauritania



**H. E. Abdelkader Amara**  
Minister, Ministry of Energy, Mines, Water & Environment, Morocco



**H. E. Dr. Daud S. Saba**  
Minister,  
Ministry of Mines & Petroleum, Afghanistan



**H. E. Ali Yacoub**  
Minister,  
Ministry of Energy & Natural Resources, Djibouti



**H. E. Ahmed Mohammed Sadeq Al Karuri**  
Minister,  
Ministry of Minerals, Sudan



**H. E. Omar Hamidou Tchiana**  
Minister,  
Ministry of Mining & Industrial Development, Niger



**H. E. Patrick Sendolo**  
Minister,  
Ministry of Lands, Mines & Energy, Liberia



**Hussain Al Zubaidi**  
Head of Minerals Exploration Department, Ministry of Commerce & Industry, Oman



**Omar Toema**  
Chairman,  
Egyptian Mineral Resources Authority



**Abdourahman Omar Haga**  
Director of Natural Resources, Ministry of Energy & Natural Resources, Djibouti



**Cheikh Zamel**  
Director of Mining Cadastre & Geology, Ministry of Oil, Energy & Mines, Mauritania



**H. E. Richard Musukwa**  
Deputy Minister, Ministry of Mines, Energy & Water Development, Zambia



**Frank Holmes**  
CEO,  
U.S. Global Investors



**Bert Koth**  
Managing Director,  
Denham Capital



**Keith Spence**  
President & Partner,  
Global Mining Capital



**Lawrence Roulston**  
President,  
Quintana Resources Capital



**Rajat Kohli**  
Head of Mining & Metals, International, Standard Bank



**Willem Middelkoop**  
Co-founder, Commodity Discovery Fund & Author, The Big Reset: War on Gold and the Financial Endgame

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09:00

**Keynote opening remarks**

**H.E Suhail Mohammed Al Mazrouei**, Minister,  
Ministry of Energy, UAE

09:10

**Arab League Opening**

**Adel Al Saqer**, Director General, The Arab League

## MINING IN THE NEW WORLD DISORDER

09:20

**Keynote: The vision for the mine of the future**

- The role of innovation in mining
- The intersection of mining and big data
- Mining and sustainable development
- Mining and social impact

**Amina Benkhadra**, Director General, ONHYM

09:50

**Ministerial panel: Developing sustainable, profitable and forward-thinking mining nations**

- The contribution of mining to economic prosperity and political stability
- Key challenges for attracting foreign investment
- How are current commodity prices and the global economic outlook impacting Ministry initiatives?
- Short and long-term requirements for building for the future

**H. E. Abdelkader Amara**, Minister, Ministry of Energy, Mines, Water & Environment, Morocco

**H. E. Dr. Daud S. Saba**, Minister, Ministry of Mines & Petroleum, Afghanistan

**H. E. Mohamed Salem Bechir**, Minister, Ministry of Petroleum, Energy & Mines, Mauritania

**H. E. Ahmed Mohammed Sadeq Al Karuri**, Minister, Ministry of Minerals, Sudan

**H. E. Fekry Youssef**, Undersecretary for Mineral Resources, Ministry of Petroleum & Mineral Resources, Egypt

10:30

**Keynote: Global funding and project finance - the new normal?**

- The global outlook for mining investment
- Prospective regions in MENA compared with global counterparts
- How can mining companies overcome the ongoing challenges of raising capital?
- Is the current state of play set to continue 2, 5, 10 years from now?

**Frank Holmes**, CEO, U. S. Global Investors

11:00

Networking break, speed networking and exhibition opening

### MENA Mining 1: Exploration & investment

### MENA Mining 2: Mining operations

#### MIDDLE EAST COUNTRY OUTLOOK

#### THE CONNECTED MINE

11:40

**Spotlight on Saudi Arabia**

- Understanding Saudi Arabia's market dynamics and economics
- The latest mining exploration opportunities
- Planned expansions and updates on infrastructure and megaprojects
- The government's role in promoting international opportunities through incentives and economic development

**Hassan Al Marzouki**, Director General, Planning & Development, Saudi Geological Survey

**Bringing modern mining practices out of the stone age**

- How mobility can play a transformational role across the mining value chain
- How a typical mobility ecosystem works for a mining company
- Lessons for operations in remote locations
- How to integrate mobility with existing systems
- How to increase production with the Internet of 'Everything'

**Frédéric van Haute**, General Manager, Tawana Resources

## MIDDLE EAST COUNTRY OUTLOOK

## THE CONNECTED MINE

12.00

**Spotlight on Oman**

- Achieving optimal exploitation of mineral resources whilst balancing environmental sustainability concerns
- Mining exploration opportunities and prospects for investors in Oman
- Existing projects, planned expansions and the role of the Public Authority for Mining

**Hussain Al Zubaidi**, Head of Minerals Exploration Department, **Ministry of Commerce & Industry, Oman**

**Reducing costs through automated mining practices**

- Identifying and selecting the right automation projects to drive productivity
- Designing a network infrastructure for your automation project
- Examining the financial impact of an integrated automated infrastructure network for your mine site

12.20

**Spotlight on Afghanistan**

- Does Afghanistan have the largest potential in the region?
- Attracting foreign investment
- Existing projects, planned expansions and the development of lithium
- Infrastructure, economic development and security

**H. E. Dr. Daud S. Saba**, Minister, **Ministry of Mines & Petroleum, Afghanistan**

**The benefits of data, big and small**

- Overcoming a variety of challenges such as vast volume and variety of data to manage
- Enabling data capture from thousands of different equipment
- Convergence of IT and OT

**SPONSOR THIS SESSION**

12.40

**ROUNDTABLES**

There is something for everyone with this selection of 6 roundtables, whether you are looking for country specific insights, financing and investment analysis or a more technical discussion. Choose one of these 40 minute sessions run by international and regional experts for your chance to debate and discuss with like-minded professionals from around the world.

1

**Resource nationalism – the investors perspective**

**Keith Spence**, President and Partner, **Global Mining Capital**

2

**Examining the unique geological potential and mineral processing opportunities in Iran**

**Gholamhossein Ghorbankarimi**, Mineral Industry Expert, **Geological Survey of Iran**

3

**New mineral opportunities in Iraq**

**Dr. Saffa Al Fouad**, Acting Director General, **Geological Survey of Iraq**

4

**Contract mining vs self-mining**

**Ali Alamri**, CEO, **Saudi Manajem**

5

**Applying proven concepts to improve mine-mill reconciliation**

Reserved for **METSO**

6

**The business case for remote sensing and integrated smart technologies**

**SPONSOR THIS SESSION**

13.20

Lunch and networking

## MENA Mining 1: Exploration &amp; investment

## MENA Mining 2: Mining operations

## NORTH AFRICA COUNTRY OUTLOOK

## SUSTAINABILITY AND THE ENVIRONMENT

14.40

**Spotlight on Morocco**

- Is Morocco set to become world leaders in phosphate production?
- Examining Morocco's market dynamics and economics
- Mining exploration opportunities and prospects for investors
- Moving away from a monopolised mining industry; existing projects and planned expansions
- Incentives and economic development

**H. E. Abdelkader Amara**, Minister, **Ministry of Energy, Mines, Water & Environment, Morocco**

**Sustainable and profitable mining**

- Putting sustainability at the core of mining businesses
- Demonstrating environmental and social leadership
- Transparent measurement, governance and reporting
- Meeting local social and environmental demands

**Lhou Maacha**, General Manager – Exploration & Development, **Managem**

15.00

**Spotlight on Egypt**

- Updates in Egypt's regulations, politics and economics and their effect on the mining industry
- Will Egypt's megaprojects rejuvenate the economic climate?
- The message to investors

**H. E. Fekry Youssef**, Undersecretary for Mineral Resources, **Ministry of Petroleum & Mineral Resources, Egypt**

**Developing skills for Africa – a strategic approach**

- Stepping back from the technical expert perspective and stepping forward into the future

**David Noko**, Executive Vice President Sustainability, **AngloGold Ashanti**

15.20

**Spotlight on Mauritania**

- Opening up Mauritania's vast iron ore deposits
- Updates on gas to power project and water development
- Mining exploration opportunities for foreign investment

**H. E. Mohamed Salem Bechir**, Minister, **Ministry of Petroleum, Energy & Mines, Mauritania**

**Managing stakeholder engagement to ensure a positive lasting legacy**

- Recent developments in Africa
- Managing community relations
- Securing a social license to operate for project feasibility
- Building partnerships with local communities and government

**Mike Kelly**, CEO, **Zara Mining Share Company**

15.40

**Junior mining project overview: exploring for new opportunities**

- Country, infrastructure and location
- Examining project economics and schedule
- The investor business case
- Top project challenges
- Management team and experience

Reserved for **METSO**

**Reducing energy costs and increasing efficiency at quarries and mine sites**

- Advantages of downhill conveying systems
- Increasing plant efficiency with power back generation
- Reducing energy costs and increasing productivity

**Christian Drewes**, Technical Manager, **Quarry Mining**

16.00

Networking break



## EXPLORING FOR NEW DISCOVERIES

16.30

**Expanding exploration activities in new MENA markets**

- Why investors and mining companies should consider MENA
- Understanding the top challenges unique to the MENA region
- Strategies for identifying growth opportunities and avoiding risks
- Practical examples of SABIC's expansion into Mauritania

**Baba Ahmed Mohamed Sidiye**, Mining Engineer, **SABIC**

16.50

**Private equity in mining and how it can be harnessed for the region**

- What matters most when investing into a regional mining company?
- How are exploration projects different in MENA than the rest of the world?
- Quality of management or quality of the deposit?

**Bert Koth**, Managing Director, **Denham Capital**

17.10

**The explorer's panel: finding value in new environments**

- What challenges have juniors discovered in the permitting process?
- How can governments make the region more attractive for international mining companies and investors?
- The business case for investors
- What improvements to local infrastructure need to be made to encourage further activity?

**Tim Williams**, CEO, **Andiamo Exploration****Innocent Tukwasibwe**, CEO, **Gold Lions Ltd****Mike Kelly**, CEO, **Zara Mining Share Company****David Archer**, CEO, **Savannah Resources**

17.50

End of day one

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## CAPITAL RAISING & PROJECT FINANCE

09.00

### Keynote: 'The Big Reset' is coming

- The world needs a financial reset, just like 1944
- The war on gold by Wall Street (US) to support the dollar
- IMF: Debt restructurings needed during the financial endgame

**Willem Middelkoop**, Co-founder, **Commodity Discovery Fund** & Author, **The Big Reset: War on Gold and the Financial Endgame**

09.40

### Panel: Expanding mining operations in challenging capital raising environments

- How has the current credit situation impacted regional miners?
- Strategies for MENA miners to buck the downturn
- Tapping into regional investor and financing networks
- Examining the credibility of regional JV partners

**Rajat Kohli**, Head of Mining & Metals, **International Standard Bank**

**Dr. Reyno Scheepers**, CEO, **Handeni Gold**

**Lawrence Roulston**, President, **Quintana Resources Capital**

**Lhou Maacha**, General Manager – Exploration & Development, **Managem**

10.20

### New structures, sources and availability of mining debt finance

- Practical debt financing for mining companies
- Sector experience and project history
- Key criteria to qualify for debt finance

**SPONSOR THIS SESSION**

10.40

Networking break

**MENA Mining 1: Exploration & investment**

**MENA Mining 2: Mining operations**

**EAST AFRICA COUNTRY OUTLOOK**

**PURSUING OPERATIONAL EXCELLENCE**

11.20

### Spotlight on Sudan

- Sudan as a leading gold producer
- Updates in projects, expansions and exploration opportunities
- Investing in Sudan

**H. E. Ahmed Mohammed Sadeq Al Karuri**, Minister, **Ministry of Minerals, Sudan**

### In-situ leaching - the advanced solution for minerals extraction in the 21<sup>st</sup> century

- Analysing the most progressive way of extracting minerals
- Economic and environmental indicators

**Dr. Baurzhan Duisebayev**, Head of Science Division – Innovation Institute, **Kazatomprom**

11.40

### Spotlight on Djibouti

- Developing Djibouti's mining industry
- Updates in regulatory framework
- The need for reliable water and energy supply in economic development
- Prospects for investors

**H. E. Ali Yacoub**, Minister, **Ministry of Energy & Natural Resources, Djibouti**

### Extending the Bisha mineralised belt in Eritrea

- Extending current deposits at depth and on strike
- What challenges exist in adding new district deposits?
- Deposit and district growth potential

**Tim Williams**, CEO, **Andiamo Exploration**

## EAST AFRICA COUNTRY OUTLOOK

12.00

**Spotlight on Zambia**

- A guide to Zambia's market dynamics and economics
- Mining exploration opportunities
- Existing projects and planned expansions
- Prospects for investors, incentives and economic development

**H. E. Richard Musukwa**, Deputy Minister, **Ministry of Mines, Energy & Water Development, Zambia**

12.20

**Junior mining project overview: exploring for new opportunities**

- Country, infrastructure and location
- Examining project economics and schedule
- The investor business case
- Top project challenges
- Management team and experience

**SPONSOR THIS SESSION**

## PURSUING OPERATIONAL EXCELLENCE

**Strategic approaches for effective mine-mill reconciliation**

- Mining processes and the concept of mine reconciliation
- Identifying the causes leading to poor reconciliation and implementing best practices for value creation
- The value of effective reconciliation to business and project success

**Alex Hagan**, Technical Services Director, **Nordgold (Somita Mine)**

**Strategies to reduce project power costs**

- Emerging technologies for operational efficiency
- Employing physical and chemical processes to enhance ore quality
- Beneficiation methods
- Effective mine-mill recovery

Reserved for **Outotec**

12:40

Lunch and networking

## COMMODITY OUTLOOK

14.00

**The case for gold and copper**

- Is the worst still to come for gold?
- The case for copper – still a long term bull story?
- How can miners protect themselves against price volatility?

**Andre Gauthier**, Acting Managing Director & COO, **Gold Holding**

## HEALTH, SAFETY AND ENVIRONMENT

**Newmont Africa CSR: Focus and impacts on community relations**

- Approach to CSR in challenging operating environments
- Benefit to stakeholders, the company and general relationship challenges
- The five pillars of CSR
- Aligning societal interests with business interests

**Emmanuel A. Aubynn**, Regional Social Responsibility Manager, **Newmont Africa**

14.20

**Phosphate price, supply and demand outlook**

- Where will phosphate rock prices end up?
- Feed, food and industrial market outlook
- Opportunities for juniors in the phosphate sector

**Dr. Shamie Zingore**, Regional Director, **IPNI**

**Safety at the tail end**

- Creating an effective tailing management ecosystem
- Designing an effective milling process
- Tailing storage design and construction

**Abdel Munem Ilnafi**, Deputy Mine Chief, **Rida Mining Company**

14.40

**Industrial minerals – strong demand drivers?**

- The Middle East minerals success story
- Construction industry drivers – long term trend or just another bubble?

**Dr. Steven Fortier**, Director, National Minerals Information Centre, **U.S. Geological Survey**

**Putting safety first and preventing accidents**

- Implementing health and safety standards that are simple, consistent and non-negotiable
- Site safety acceleration process – taking safety performance from 'good to great'
- Investing in community health
- Lessons learnt from the front lines: the journey towards excellence in safety

**Khuwailid Al Hinai**, HSE & Security Manager, **Gulf Mining Group**

**MENA Mining 1: Exploration & investment****MENA Mining 2: Mining operations**

## COMMODITY OUTLOOK

## HEALTH, SAFETY AND ENVIRONMENT

15.00

**Why MENA? Why now?**

- Deciphering key commodity trends and market opportunities in MENA
- The benefits of working with state owned JV partners
- Success stories and key reasons why miners succeed in MENA

**SPONSOR THIS SESSION****Chemicals management**

- Working with key stakeholders in the development of chemicals management
- Implementing risk management strategies based on valid data
- Best practice in sourcing, transport, storage, use, production and management

**SPONSOR THIS SESSION**

15.20

**ROUNDTABLES**

There is something for everyone with this selection of 6 roundtables, whether you are looking for country specific insights, financing and investment analysis or a more technical discussion. Choose one of these 60 minute sessions run by international and regional experts for your chance to debate and discuss with like-minded professionals from around the world.

1

**Considering alternative listing options for African mining companies**

Dr. Reyno Scheepers, CEO, Handeni Gold

2

**Latest projections of minerals in the MENA region**

Dr. Mowafa Taib, MENA Region Lead, U. S. Geological Survey

3

**Conducting effective due diligence on mining projects**

Lawrence Roulston, President, Quintana Resources Capital

4

**The role of the Development Bank in support of the mining industry in Libya**

Hassan Abourgheba, Former Board Member, National Mining Company, Libya &amp; Current Managing Director, Development Bank, Libya

5

**Leveraging mineral production data for improved exploration and expansion****SPONSOR THIS SESSION**

6

**Mining for closure principles****SPONSOR THIS SESSION**

16.20

End of day two

Global Catalyst Group



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## INVEST IN AFRICA –

Discover the latest mining activities and opportunities in Africa during geological surveys. The sessions will cover the market outlook for mining. There will also be a further look into prospects for investors including government liaison. Each session will include

10.30

### Invest in Mauritania

Mainly cenozoic land with proterozoic in the north, particularly rich in iron ore, Mauritania is Africa's second largest exporter. Other mineral deposits include tin, gold, copper, lead, chrome, phosphate, tungsten and chrome. There have also been recent discoveries of uranium and diamonds. Generally rising GDP growth over the past few years, with 2013 reported at 6.7%.

**Cheikh Zamel**, Director of Mining Cadastre & Geology, **Ministry of Petroleum, Energy & Mines, Mauritania**

11.00

### Invest in Liberia

An archaean landscape with mineral deposits of gold and iron throughout the country. Compared with other sub-Saharan Africa's major economies, Liberia is performing impressively well with a rising GDP growth reported at 11.3% for 2013.

**H. E. Patrick Sendolo**, Minister, **Ministry of Lands, Mines & Energy, Liberia**

11.30

### Invest in Niger

Niger's main export is uranium, found mainly in the central part of the country. Niger is also rich in gold to the east and west and is made up of a largely cenozoic landscape with areas of proterozoic and mesozoic in the central region and palaeozoic in the north east. GDP growth has significantly declined from 11.0% in 2012 to 4.1% in 2013.

**H. E. Omar Hamidou Tchiana**, Minister, **Ministry of Mining & Industrial Development, Niger**

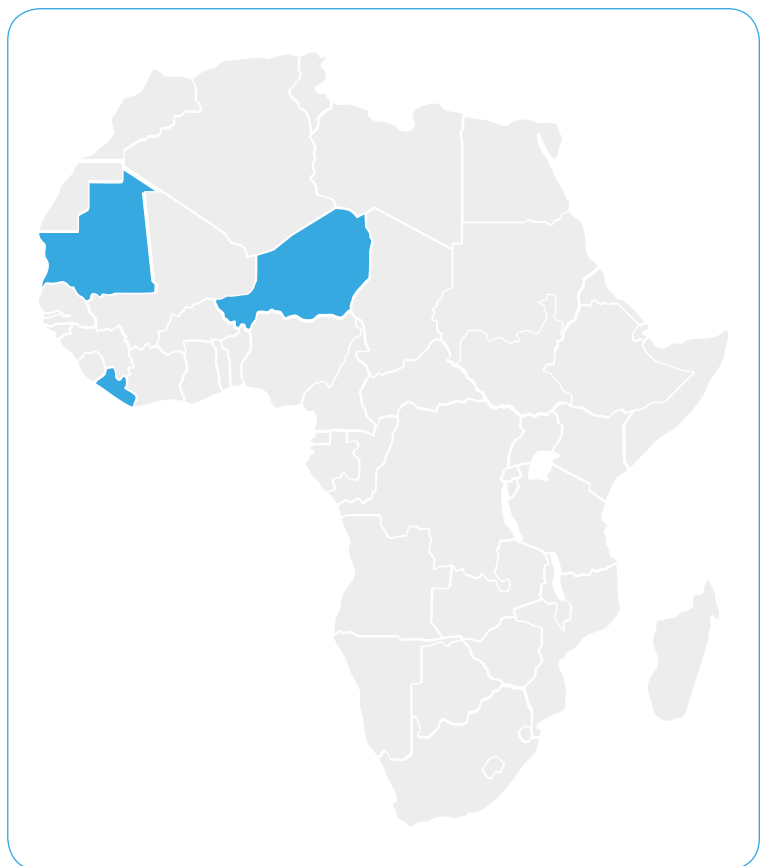
12.00

### Lunch and networking

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### FOCUS ON WEST AFRICA



# ING DAY

- 5<sup>TH</sup> OCTOBER 2015

g these interactive sessions delivered by the respective ministries and  
ing including opportunities, existing projects and planned expansions.  
g incentives, economic development, private equity investment and  
time for Q&A to provide in-depth discussion.

13.00

## Invest in Sudan

Sudan's landscape is mixed; mesozoic, proterozoic, palaeozoic and cenozoic. There are iron and copper deposits towards the coastal eastern region, whilst gold can be found in the west. Since South Sudan gained independence in 2011, Sudan's GDP has taken a hit. The annual GDP growth has been performing negatively due to the separation however there has been an increase between 2012 and 2013.

**H. E. Ahmed Mohammed Sadeq Al Karuri**, Minister, **Ministry of Minerals, Sudan**

13.30

## Invest in Zambia

Zambia is Africa's largest copper producer and has a wide spectrum of mineral resources. A cenozoic west with diamond deposits, a proterozoic east with rare earths and phosphate, and copper, gold, zinc and nickel in the central region. 2013's GDP growth rate was 6.7%.

**H. E. Richard Musukwa**, Deputy Minister, **Ministry of Mines, Energy & Water Development, Zambia**

14.00

## Invest in Djibouti

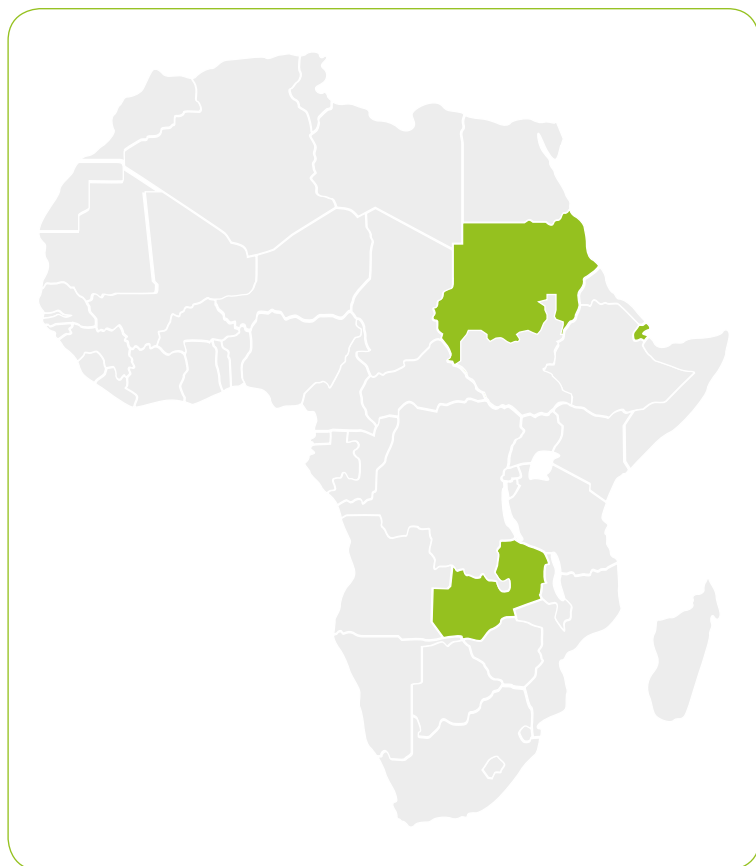
Made up of a cenozoic plate and believed to contain high concentrations of gold, Djibouti is strategically placed in the Horn of Africa and benefits from a good investment code, tax exemptions, and a port accessing one of the busiest shipping lanes in the world. Natural resources produced also include clay, granite and marble. Djibouti is also home to one of the largest untapped salt reserves in the world. GDP has increased to 5.0% in 2013.

**Abdourahman Omar Haga**, Director of Natural Resources, **Ministry of Energy & Natural Resources, Djibouti**

14.30

## End of day

## FOCUS ON EAST AND CENTRAL AFRICA



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## Why exhibit?

- Exposure to over 1500 mining sector attendees
- Over 70% of visitors attend to spend
- Meet engineering, purchasing and operations directors
- Demonstrate market commitment
- Chance to present to the MENA mining community
- 8th year running in the Middle East

## Who sponsors?

- Mining companies
- Mineral processing
- Consultants
- Exploration services
- Heavy machinery
- Software companies
- Lab testing equipment
- Health & safety solutions
- Power systems
- Drilling & blasting
- Environmental & water solutions
- Investment banks
- Innovative companies that see value in meeting with 1500 potential customers at one time

## Who you will meet?

- Regional and international mining companies
- Regional mining ministries and governments
- Major contractors
- Service integrators
- Service providers
- Consultants
- Agents and distributors
- Procurement managers, mine managers and engineers from region's largest buyers

**1500 ATTENDEES**

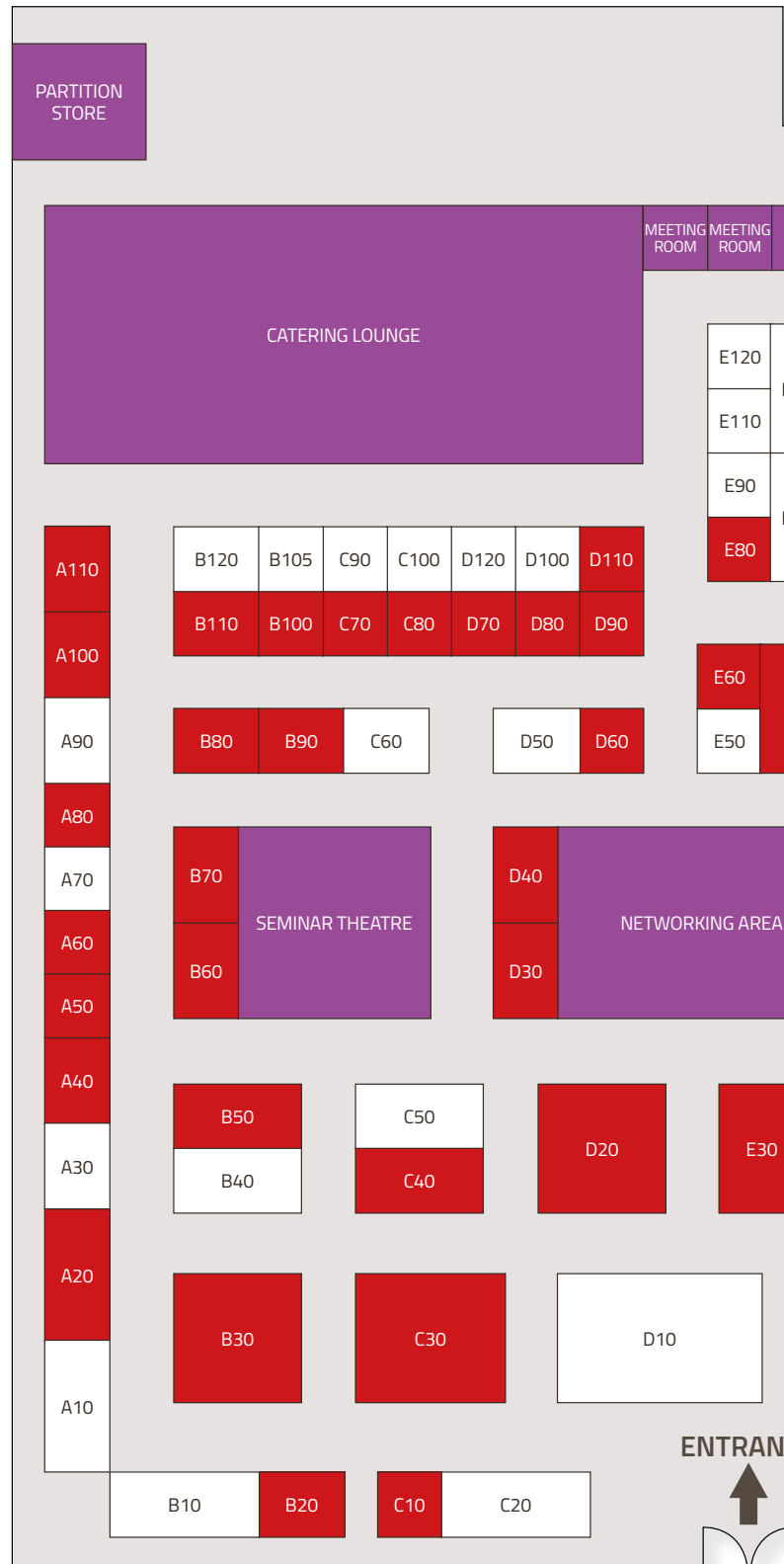
**150 MINING COMPANIES**

**80 EXHIBITORS**

**20 MINISTRIES**

**500 DELEGATES**

Get your brand, your message and your sales people in front of your customers.

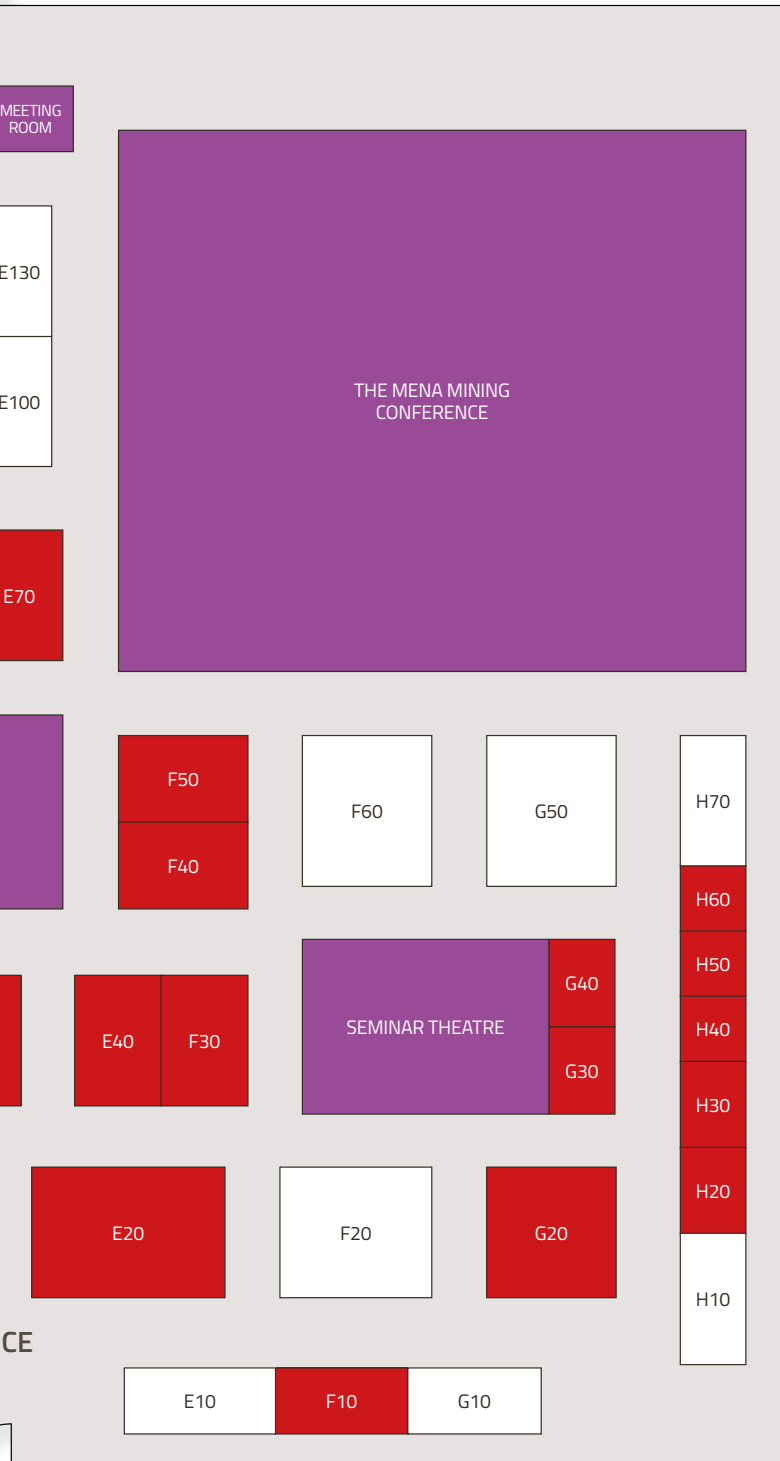


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# EXHIBITION



| Company Name                           | Stand Nr. |
|--|-----------|
| ABB                                    | C10       |
| AKW Apparate                           | D90       |
| AIDMO                                  | C70       |
| Al Raddadi                             | C20       |
| Capital Drilling                       | H60       |
| CAT                                    | E30       |
| DRA Minerals                           | D60       |
| Emirates Explosives                    | F10       |
| Eriez Magnetics                        | H40       |
| FKK                                    | G20       |
| Fujairah Natural Resources Association | B30       |
| FLSmidth                               | D80       |
| Indsur global                          | E40       |
| Metso Minerals                         | D20       |
| Ministry of Energy, UAE                | C30       |
| Orica                                  | F10       |
| Outotec                                | F30       |
| Quarry Mining                          | E20       |
| RV Minerals                            | E60       |
| Robertson Geologging                   | B90       |
| Saudi Comedat                          | D70       |
| SNL Metals & Mining                    | A60       |
| Talleres Nuñez                         | E80       |

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# NETWORK BEFORE, DURING AND AFTER THE SHOW

We understand that the potential of the mining and extractive sector in the Middle East and Africa is phenomenally large. Africa alone contains roughly 30% of the world's mineral reserves.

We also understand that relationships matter more than ever in this region and at the end of the day, the success of the event will be determined by the number of quality contacts you make. We guarantee you will meet hundreds of Middle Eastern and African mining companies and ministry representatives across the 2 days.

With over 1,500 attendees and over 150 mining companies and ministerial representatives from across the region, it's time to register for **The MENA Mining Show**.



The link to our networking app will be available from our website closer to the event. Please check [www.terrapinn.com/exhibition/menaminingshow](http://www.terrapinn.com/exhibition/menaminingshow)

DOWNLOAD OUR NETWORKING APP TO GET ORGANISED AND GET IN TOUCH WITH ALL ATTENDEES BEFORE THE EVENT.

Use the app to

- Plan your sessions
- Build a personalised agenda
- Identify exhibitors to visit
- Network with other attendees

## Roundtables

Get your business strategy on track by learning from the best – these interactive roundtable sessions are your chance to meet the Middle East and Africa's top government buyers as well as global experts. Leave here having established lasting relationships with the key contacts in the regional mining industry.

## VIP programme

Our networking team works year round building important relationships with key players across the Middle East and Africa and will have a delegation of over 300 ministers, government representatives and mining companies in charge of the regional investment into mining projects.

## Speed networking

Join us at speed networking and rotate around until you have had 3 minutes in front of every customer and prospect in the room. Make sure you get the most out of this session – hone your 3 minute pitch and exchange business cards before we blow the whistle! This is your chance to establish valuable relationships that will transform your sales pipeline.

## One-to-one meetings

We all know that there will be hundreds of buyers at The MENA Mining Show this year, but how confident are you that you can collect a business card from every single one in the crowds of 1500? Sponsors can take advantage of the dedicated and personalised meeting service, conducting meetings with qualified buyers in meeting rooms onsite.

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| PACKAGE   | MINING COMPANY<br>Before 17 <sup>th</sup> July | VENDORS<br>Before 17 <sup>th</sup> July |
|---|--|---|
| 2 Day Premium Ticket (2 day conference)                     | USD \$1,895                                    | USD \$2,495                             |
| 3 Day Premium Ticket<br>(2 day conference + 1 Briefing Day) | USD \$2,595                                    | USD \$3,495                             |
| Networking party  | Ticket \$300                                   |   |



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