



13-15 January 2026  
King Abdulaziz International Conference Center  
Riyadh, Saudi Arabia

Register here



# Newsletter /



## WELCOME TO THE “DAWN OF A GLOBAL CAUSE”

### A New Era of Mineral Development



His Excellency Bandar bin Ibrahim Alkhayef, Saudi Arabia's Minister of Industry and Mineral Resources

Global development ambition has brought the world to the edge of urgency—an urgency driven by the widespread demand for minerals that will deliver on electrification, AI, and much more. Minerals, once regarded primarily as industrial feedstocks, are now strategic assets that enable the technologies shaping modern progress. While the world cannot do without these emerging technologies, supply constraints are becoming sharper. Markets are shifting, national strategies are evolving, and countries are re-examining how and where value is created.

It is in this spirit of shared purpose and growing challenge that I warmly welcome you to what has truly become our global family reunion, the Future Minerals Forum. This gathering transcends borders and backgrounds, uniting industry leaders, policymakers, visionaries, and friends who are bound by a common ambition to shape the future of minerals for the benefit of all.

At FMF, collaboration is not just a theme; it is who we are and what we proudly stand for. Here, longstanding partners reconnect, new friendships are born, and collectively, we set the course for resilient,

responsible, and inclusive progress across the global minerals value chain.

This January, the Future Minerals Forum's family will re-convene in Riyadh, one of the world's largest gatherings of senior government representatives, industry leaders, experts, international organizations, and stakeholders to address these critical issues under the theme **“DAWN OF A GLOBAL CAUSE.”**

Over the past four years, FMF has been leading global conversations on minerals, and we have done so with grit and determination. Inspired by the need to promote a responsible and resilient mineral value chain, our actions are not solely to meet today's growing mineral needs, but also to secure a sustainable future for generations, emerging technologies and innovations, and the 'holy grail' global electrification and development goals.

#### A COMMITMENT TO DRIVE GLOBAL CHANGE

These are not new conversations, however, the accelerating global dialogue on critical minerals has informed the theme of FMF 2026. It is a reminder that FMF is no longer simply an event, but a community of shared values and shared ambition.

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Ministry of Industry and Mineral Resources

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For us, the theme represents two meanings: a commitment by countries to collaborate more effectively, and a development-driven agenda.

We are encouraging countries to collaborate better and robustly on mineral development, recognizing that cross-border cooperation can meet global demand. On a development-driven agenda, the theme represents minerals as engines for job creation, industrialization, and long-term economic transformation.

This means, without mincing words, that governments and industry leaders must collaborate and embrace an inclusive approach in which minerals are not just explored, but also drive economic development and progress in both supplier and consumer nations.

**GROWING WITH PURPOSE AND ACTION**

What began in 2022 with 32 countries and six organizations has evolved into a global gathering where ministers, policymakers, and industry leaders work together to build resilient and responsible mineral value chains. FMF 2025 Ministerial Roundtable convened nearly 90 countries, including 16 G20 members, and 50 international organizations and NGOs.

It gives me great confidence to note that the Ministerial Roundtable has become a voice for the Super Region of Africa, West and Central Asia, and other supplier regions. Our efforts have been tailored towards promoting investment and financing opportunities in these regions, enabling tangible economic growth and development.

**FROM DIALOGUE TO IMPLEMENTATION**

What distinguishes the Ministerial Roundtable is not scale, but its impact. Our commitments from discussion to implementation, most notably through the establishment of networks of nine Centers of Excellence in Africa and Asia, are facilitating the

development of regional capacity across human capital and technology.

The 5th Ministerial Roundtable will also present an opportunity for us to advance and assess the progress of other initiatives, such as:

- A Critical Minerals Framework being developed to identify and prioritize mineral projects across exploration, processing, and downstream development.

- An international traceability standard for responsible minerals development, reflecting local conditions, environmental stewardship, transparency, and shared benefit.

We are equally leading conversations and working with the World Bank and other partners on seven strategic infrastructure corridors, with five in Africa and two in Latin America, to improve the movement of minerals from resource centers to processing and manufacturing hubs, create jobs, drive economic growth, accelerate regional industrialization, expand trade, and improve access to global markets.

This is what FMF is all about, unlocking economic opportunity, industrialization, and long-term stability.

I am confident that, as always, FMF 2026 will generate insightful discussions, practical outcomes, and meaningful partnerships that will help guide the sector through a pivotal period of transition.

As you explore this newsletter, I invite you to read more about the initiatives, corridors, partnerships, and research hubs that are redefining mineral development across the regions we serve. These stories demonstrate that FMF is not only a platform for dialogue, but a catalyst for real, measurable progress.

Please save the date and join us in Riyadh from January 13–15, 2026, at the King Abdulaziz International Conference Center. I look forward to welcoming you to what promises to be our most impactful reunion yet.



The opinions expressed in this publication are those of the authors. They do not purport to reflect the opinions or views of the Future Minerals Forum, or Saudi Arabia's Ministry of Industry & Mineral Resources.

**DISCLAIMER**

# GATHERING FOR IMPACT, CHANGE, AND BETTER COLLABORATION

As the global community moves with a decisive pace towards a new age of minerals, Saudi Arabia is putting its best foot forward, showing the world that it can lead in more ways than one, convene, and shape the future of minerals through the Future Minerals Forum (FMF).

For the past four years, Riyadh has become the destination of choice for senior government representatives, industry leaders, global experts, international organizations, and stakeholders from across the mineral value chain. As a Kingdom, we are honored to lead this global mineral effort.

FMF 2026 represents another opportunity to advance the global agenda for responsible and resilient mineral supply. More than that, the FMF is designed to help shape a new era of mineral development—one in which minerals do more than fuel industry; they foster economic and social progress across both supplier and consumer nations.

## AN IMPACT-LED AGENDA

As always, the Ministerial Roundtable, our government-led gathering, will headline FMF 2026, convening over 100 government representatives, 70 international organizations, leading industry associations, NGOs, and CEOs of major mining companies, to discuss infrastructure funding, global development, and the evolving role of mining in a rapidly changing world.

We have also introduced several new programs designed to deliver tangible sector impact:

• **The inaugural State of the Sector**, developed with McKinsey, will unveil the first Future Minerals Barometer Report—tracking global sector sentiment, performance, mineral outlooks, and the industry's evolving reputation.



His Excellency Khalid Saleh Al-Mudaifer, Saudi Arabia's Vice Minister for Mining Affairs

• **The Mineral Investment Journey**, spotlighting pathways for investors.

• **Gateway to Funding**, in partnership with BMO, connecting Saudi family businesses and institutional investors with international mining companies seeking growth capital.

• **Inaugural MinGen Workshops** for young professionals, women in mining, and leadership networking; and

• **MinValley Tech & Innovation**, showcasing venture capital, startup pitches, AI applications, Centers of Excellence priorities, and pathways to achieving carbon goals. Winners of the first Future Minerals Pioneer Competition will also be announced under this program.

FMF 2026 will bring together an exceptional lineup of speakers from across the entire mineral value chain, each prepared to offer practical insights and actionable solutions to today's most pressing mineral challenges.

## SAUDI MINING: AN ATTRACTIVE INVESTMENT JURISDICTION

Beyond hosting FMF, Saudi Arabia's mining sector has entered a new phase, marked by significant growth and rising

global recognition. Recent recognitions from the Fraser Institute's 2024 Annual Survey of Mining Companies highlight our progress: Ranked 23rd globally in the Investment Attractiveness Index, a massive progress from 104th in 2013; 1st globally for political stability; 5th for socio-economic agreements; and 7th for environmental regulations.

These rankings reflect the sector's rapid evolution and our commitment to creating an attractive, stable, and responsible mining environment.

At the same time, we are capitalizing on this momentum, offering extensive investment opportunities across more than 600,000 km<sup>2</sup> of mineral-rich terrain, following one of the most extensive Regional Geological Surveys ever conducted on the Arabian Shield. These investment opportunities are accessible through our competitive, transparent licensing rounds, and the Taadeen digital platform allows investors to explore and select sites directly. To date, we have offered over 33,000 km<sup>2</sup> through licensing rounds one to nine.

Pre-qualification for the 10th licensing round, spanning over 13,000 km<sup>2</sup>, containing highly prospective deposits of gold, silver, copper, and zinc in gold, silver, across Madinah, Makkah, Riyadh, Qassim, Hail, and Asir. These opportunities are available to both local and international investors.

Our mining strategy, rooted in stability, transparency, and investor confidence, is enabling Saudi Arabia to emerge as a globally competitive hub for exploration, processing, and downstream mineral industries. Early reforms are now delivering measurable impact:

• **Mining GDP contribution reached USD 36.2 billion in 2024**.

• **Exploration spending increased from USD 44 million in 2020 to USD 186 million in 2024**.

• **Mineral exports grew from USD 7.5 million in 2015 to USD 12 million**.

• **Licenses issued rose by 264%**, with the number of companies operating in the sector expanding from **6 to over 133 in 2023**, and to **226 in 2024**.

• Exploration spending grew **fivefold in four years**, reaching **SAR 1.05 billion (USD 280.5M) in 2024**, compared with **SAR 501 million (USD 133.5M) in 2023** and **SAR 205 million (USD 55M) in 2020**.

• In 2024, **private-sector spending on exploration licenses increased by 164%**, reaching **SAR 770 million (USD 205M)**, up from **SAR 155 million (USD 41.3M) in 2020**.

• **Government spending on geological programs increased from SAR 11 million (USD 2.9M) in 2020 to SAR 180 million (USD 48M) in 2024**, representing a **sixteen-fold increase**.

## MOVING BEYOND MINING TO A GLOBAL MINERALS HUB

Saudi Arabia is evolving from a mining nation into a global minerals hub, supported by Vision 2030 and the National Industrial Strategy. This shift is driven by a broad ecosystem designed to unlock value across entire supply chains.

Key components include:

• A Critical Minerals Strategy identifies 37 minerals critical for the energy transition and advanced manufacturing.

• The National Minerals Program secures local industry needs while enabling global investment opportunities.

• Manara Minerals, a JV between Maaden and the PIF is investing abroad to secure critical mineral inputs for future industries

• Our mining services sector is also expanding across, drilling, engineering, logistics, and advanced technologies services.

We are also achieving substantial growth in priority mineral industries: from phosphate to aluminum, titanium, iron, and steel. As the world's second-largest phosphate exporter, we produce 6 million tons a year, with sector investments set to rise from USD 21.3B to USD 34.7B—these industries are serving international markets but also meeting increasing domestic demands driven by our major giga projects.

Our efforts have also encompassed recognizing

that progress relies on people. This has informed our efforts to launch new academic and technical programs in mining and geoscience at King Fahd University of Petroleum and Minerals and soon at King Abdulaziz University, while the Saudi Mining Polytechnic continues to graduate the next generation of mining professionals.

With a strategic location bridging Africa, Europe, and Asia and access to 1.5 billion consumers Saudi Arabia offers unique logistical advantages, competitive incentives, and institutional strength. We are also exploring a Riyadh-based Commodity Exchange to enhance market liquidity, transparency, and investor confidence.

As we strengthen our foundations and reach, Saudi Arabia's role is

evolving beyond borders. Today, we stand ready to shape the future of minerals—locally and globally.

## RIYADH'S NEW ROLE IN GLOBAL MINERAL CONVERSATIONS

We recognize that our vast mineral wealth, valued at over USD 25 trillion, is not just an asset but a leadership responsibility. As custodians of these resources, we are driven to lead confidently, shaping the future of minerals globally. Saudi Arabia has taken on this role as a leader, promoting collaboration as the only path forward through partnerships across supplier and customer nations, with a dedication to building responsible, resilient, and truly sustainable mineral supply chains for the world.

unite global leaders and foster collective action that will deliver positive impact today, and for generations to come. But this is just the beginning. Now more than ever, we must challenge ourselves to dream bigger, collaborate better, and deliver solutions that will define the century.

I therefore urge investors, visionaries, innovators, and changemakers to join us in Riyadh from January 13-15, 2026, for the 5th Future Minerals Forum. This will be our greatest gathering yet, a convening of minds and ambitions as we chart the course for a truly global mineral future and set new standards for responsible progress and a new age of mineral development.

We look forward to welcoming you to Riyadh.



# ESNAD: LEADING THE TRANSFORMATION OF SAUDI ARABIA'S MINING SECTOR

As the Kingdom of Saudi Arabia accelerates its transformation toward a diversified and sustainable economy, the mining sector emerges as a cornerstone of national growth, unlocking the potential of vast natural resources. Within this dynamic landscape, the Saudi Mining Services Company (ESNAD) stands as a key enabler and strategic partner, driving progress, innovation, and sustainability across the mining ecosystem.

Established in 2020 to serve as the executive and operational arm of the Ministry of Industry and Mineral Resources in the Kingdom, ESNAD plays a central role in implementing the National Mining Strategy, which positions mining as the third pillar of the Saudi economy alongside oil and petrochemicals. Its mission is to develop the mining sector in a balanced and sustainable manner, ensuring responsible management of resources while supporting the Kingdom's vision for economic diversification.

## A STRATEGIC PARTNER FOR NATIONAL DEVELOPMENT

ESNAD's operations are grounded in a clear mandate: to create a transparent, efficient, reliable mining environment that attracts investments, safeguards resources, and promotes environmental and social responsibility. By combining regulatory oversight with digital innovation, ESNAD has transformed the way mining operations are managed and monitored, ensuring full alignment with Saudi Vision 2030 goals. Through collaboration with government entities, investors, and private-sector partners, ESNAD fosters an integrated mining ecosystem built on excellence, sustainability, and accountability. Its approach balances economic growth with environmental protection, creating value for industry, local communities, and future generations.



## DIGITIZING THE MINING JOURNEY

At the core of ESNAD's success is its unwavering commitment to Digital Transformation, a cornerstone of efficiency, transparency, and innovation. Through the development of advanced digital services, ESNAD has redefined licensing and compliance processes, streamlining investor interactions, automating approvals, and significantly reducing processing times. These advancements have helped position the Kingdom as one of the most attractive destinations for mining investment.

ESNAD also integrates artificial intelligence (AI), drones, and satellite imagery to enhance monitoring and regulatory enforcement. By analyzing aerial and spatial data, the company detects irregularities, assesses environmental impact, and measures resource extraction in real time. These innovations improve inspection efficiency, strengthen compliance, and support informed decision-making across the sector.

## PROMOTING ENVIRONMENTAL SUSTAINABILITY

In line with the Saudi Green Initiative, ESNAD strengthens environmental stewardship through rehabilitation and afforestation programs. Its efforts include planting thousands

of trees in mining complexes such as Al-Summan and Al-'Arma, in cooperation with licensed companies and local communities.

These projects reflect ESNAD's commitment to restoring landscapes and mitigating environmental impact. By promoting cleaner operations, responsible waste management, and biodiversity protection, ESNAD ensures that the Kingdom's mineral wealth is developed sustainably. The company also applies environmental, social, and governance (ESG) principles aligned with global best practices, reinforcing its role as a responsible mining enabler.

## FINANCIAL AND REGULATORY EXCELLENCE

Beyond technology and sustainability, ESNAD ensures financial compliance and regulatory integrity across the sector. It has built comprehensive mechanisms to monitor financial guarantees, enhance collection systems, and minimize operational risks. By enforcing robust governance standards, ESNAD safeguards public resources, supports investor confidence, and ensures financial sustainability.

Through its inspection and licensing programs, ESNAD guarantees that mining operations comply with the

highest standards. ESNAD conducted thousands of inspections and issued hundreds of mining and exploration licenses, demonstrating its dedication to operational efficiency and sectoral growth.

## HUMAN CAPITAL AND COLLABORATION

ESNAD believes that people are central to sustainable progress. The company invests in developing national talent through training, upskilling, and leadership programs designed to prepare Saudi professionals for the future of mining.

This focus on human capital enhances ESNAD's operational excellence and contributes to the Kingdom's broader goal of empowering national capabilities. Collaboration is fundamental to ESNAD's philosophy. The company works with ministries, research institutions, and international partners to exchange expertise and adopt global best practices of the global. Through this cooperative framework, ESNAD promotes innovation, enhances efficiency, and supports the Kingdom's ambition to become a leading global mining hub.

## SHAPING A SUSTAINABLE FUTURE

ESNAD's journey represents a model of transformation built on vision, innovation, and responsibility. By integrating digital excellence, environmental care, and human development, ESNAD is redefining the future of mining in Saudi Arabia. As the Kingdom advances toward Vision 2030, ESNAD remains dedicated to enabling sustainable development, driving diversification, and ensuring that the mining sector continues to serve as a foundation for national prosperity, for today and generations to come.

► **For more information, visit [smsc.sa/](http://smsc.sa/)**

## How can industry-leading innovation advance carbon capture technology?

Discover how building one of the world's largest carbon capture hubs will help us capture up to 11 million tons of carbon p.a. by 2035 and lower the global impact of industrial carbon emissions.

Explore our roadmap to building the Jubail carbon capture hub.



# MINISTERIAL ROUNDTABLE: LEADING GLOBAL GOVERNMENT ACTION ON MINERALS

**Opening the Future Minerals Forum 2026 on January 13th will be the fifth Ministerial Roundtable. This unique and inclusive meeting brings senior government representatives from around the world together with other stakeholders to collaborate in finding common ground to develop resilient mineral supply chains.**

The Ministerial Roundtable is the world's only government-led platform, convened by Saudi Arabia and owned by all participating governments, for seeking to work together to produce the minerals the world needs for the energy transition. It shapes the agenda on minerals by identifying and implementing practical actions to create resilient and responsible mineral value change.

The 2026 meeting will bring together more government representatives than ever before to further regional collaboration on the sustainable development of the minerals and mining industry. At the Roundtable they will discuss how critical minerals can become a major development driver in supplier countries.

At the 2025 Roundtable, over 90 countries were represented, including 16 G20 nations. Also in attendance were 50 multilateral organizations, NGOs and business associations, including the World Bank, UN and UNIDO.

Previous meetings of the Roundtable have shown the historic significance of the event and that it is now regarded as the primary place where global action on minerals is formulated.

Together, its participants show that the world's energy ambition is matched by their commitment to bringing meaningful



change to mineral production so that it can bring social and economic prosperity to their countries.

This 2026 meeting will serve as a platform to review progress made under the international Critical Minerals Framework, track impact through the Future Minerals Barometer, and mobilize collaborative efforts to ensure that

the mineral-rich regions of Africa, West, and Central Asia play a central role in shaping a more sustainable and inclusive global minerals future.

The 2026 Ministerial Roundtable will demonstrate the power of partnership and the progress that can be achieved by collaboration and coordination between



governments and their partners from the private sector and civil society.

## 2026 MRT SUBSIDIARY MEETINGS

The MRT will also host five subsidiary meetings, dedicated to the network of Centers of Excellence that is being developed under its auspices. These meetings include the following topics:

### 1. GEOLOGY

At the International Geological Surveys (IGS) meeting, CEOs of geological surveys, industry exploration leaders, technology suppliers and strategic partners will meet.

Objectives include enabling mineral production by building capacity in geological surveying through skills development, providing access to reliable data; creating an attractive investment environment; and designing policies that are fit for purpose.

### 2. POLICY

Experts from governments, multilateral organizations, think-tanks and industry will gather to identify priority areas. This includes the delivery of practical and sustainable policy solutions at scale to unlock regional mineral value chains, share prosperity and minimize environmental and social externalities.

### 3. SUSTAINABILITY

With the insight of experts from academia, government, industry, NGOs, associations, traceability companies and start-ups, the meeting will discuss the development of a sustainability hub in Morocco for building capacity in the Super Region for mineral development. The hub will be an integral part of the FMF Critical Minerals Framework, supporting responsible mining practices and



transparency as key enablers of mineral supply, focusing on emerging supplier countries and regions in Africa, Western and Central Asia, Latin America and Southeast Asia.

### 4. TALENT, RESEARCH AND DEVELOPMENT

Experts from academia, government, industry, NGOs, associations, public and private research institutions will meet to progress the creation of a talent, research and development hub in Southern Africa to support mining skills development and mobility in supplier countries.

### 5. TECHNOLOGY

Benefiting from the attendance of experts from academia, government and industry, the meeting's objective is to establish a technology hub in Saudi Arabia for building capacity in the Super Region for mineral development.

The hub will be an integral part of the FMF Critical Minerals Framework, supporting technological innovation as a key enabler of mineral supply, focusing on emerging supplier countries and regions in Africa, Western and Central Asia, Latin America and Southeast Asia.

## MULTILATERAL ORGANIZATIONS



## INDUSTRY ASSOCIATIONS



## NON-GOVERNMENT ORGANIZATIONS





# GANFENG LITHIUM: POWERING THE GLOBAL ENERGY TRANSITION

## Wang Xiaoshen, Vice Chairman & President of Ganfeng Lithium, on why FMF26 is taking place at a perfect time for the global lithium industry.

There is no doubt that lithium is playing a key role in the global energy transition, and at Ganfeng Lithium our work involves an extensive, in-depth focus on this critical mineral resource. As we stand at the beginning of 2026—a key period for the development of the global lithium industry—we believe that FMF 2026 is held at the perfect time. I am honored to have been invited to speak and want to take the chance to wish the organizers success.

Ganfeng Lithium is committed to advancing the global energy transition with lithium at its core. At Ganfeng, we have built a comprehensive industrial chain ecosystem centered on lithium, encompassing lithium resource development, lithium

compound production, lithium metal smelting, lithium battery manufacturing, and lithium battery recycling. This full industry chain structure supports the transition to green energy and sustainable development. In fact, Ganfeng Lithium is leading the green transformation of global lithium resource extraction. At our lithium projects in Australia,



**Wang Xiaoshen, Vice Chairman & President of Ganfeng Lithium**

Argentina, Mali, and China, we are replacing traditional fossil fuels with clean energy. For instance, we use photovoltaic power generation and energy storage systems to supply green electricity, promote the replacement of fuel-powered trucks with electric heavy-duty trucks for transportation, and adopt more advanced lithium extraction technologies as well as water-saving processes. Responsible lithium extraction also means placing a strong emphasis on the local community's environment and economic development.

We have also expanded into the battery and recycling sectors. Our energy storage batteries are not only used in our own resource projects but also support our partners in achieving their energy

transition goals. Our solid-state battery products, with an energy density exceeding 450 wh/kg, have been deployed in passenger vehicles and low-altitude aircraft, driving innovation in power technology.

Additionally, our recycling business ensures that battery products can be regenerated and reused in an endless cycle after completing their life cycle.

Looking ahead to FMF 2026, we eagerly anticipate engaging with more partners and are honored to be able to share our insights and perspectives at the conference. We look forward to meeting you there.

► **For more information, visit [ganfenglithium.com](http://ganfenglithium.com)**

# POLYUS: FORGING A DIGITAL FUTURE FOR GOLD MINING

## Alexei Vostokov, CEO, Polyus, explains how AI can become a strategic partner for miners.

In an industry characterized by long investment cycles, Polyus, Russia's leading gold miner, is strategically pursuing its digital transformation to enhance long-term resilience. Faced with complex ores and remote, challenging locations, the company is progressively integrating technologies like AI and data analytics to improve operational efficiency.

The gold mining sector has become a pioneer in AI and Big Data. For instance, we have recently launched a Remote Operating Centre with AI assistants at two of our key mines in Siberia and Far East, providing a holistic, real-time view of all operations—from blasting

and excavation to transportation and processing. This contributed greatly to optimal equipment use, minimizing downtime and ensuring a significant leap in efficiency.

The impact of AI is multifaceted. Predictive intelligence, powered by Internet of Things, enables a shift from scheduled to condition-based maintenance of the haul fleet and other equipment, preventing failures and enhancing safety. To follow global tailings management standards, we are rolling out autonomous control systems that monitor tailings dams at all our mines. In Health and Safety trackers with AI assistants help control critical

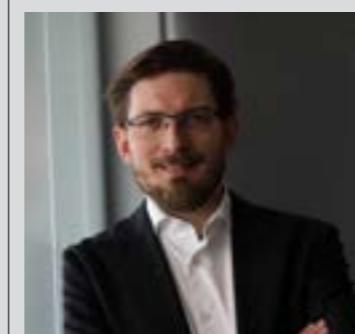
risks to personnel safety. We use them to monitor signs of drivers' fatigue. In geology, AI models and digital twins allow for more accurate ore body mapping and maximizing recovery.

Looking ahead, we see autonomous vehicles among other steps to boost productivity and safety at Polyus. The ultimate breakthrough, however, is expected from generative AI, which promises to create self-learning, fully autonomous operation systems where AI becomes a strategic partner in decision-making.

By boldly integrating AI and digital solutions, Polyus is not

just navigating the challenges of modern mining but is actively shaping a more efficient, safe, and intelligent future for the industry, ensuring its role as a global leader in the new era of mineral development.

► **For more information, visit [polyus.com](http://polyus.com)**



**Alexei Vostokov, CEO, Polyus**

# TRACKING PROGRESS ON MINERAL VALUE CHAIN CREATION

The forthcoming Future Minerals Forum (FMF) Barometer represents a landmark document for the minerals industry: the first time in the industry's history that a tool has been developed that highlights key trends and stakeholder sentiment, tracks progress on mineral supply and identifies areas that require further attention to ensure the sustainable development of critical minerals value chains.

Its primary objectives include tracking the delivery of exploration, mining, processing and infrastructure development, progress in human capital growth, deployment of new technology, improvement in sustainability and transparency, as well as policy efficiency and effectiveness.

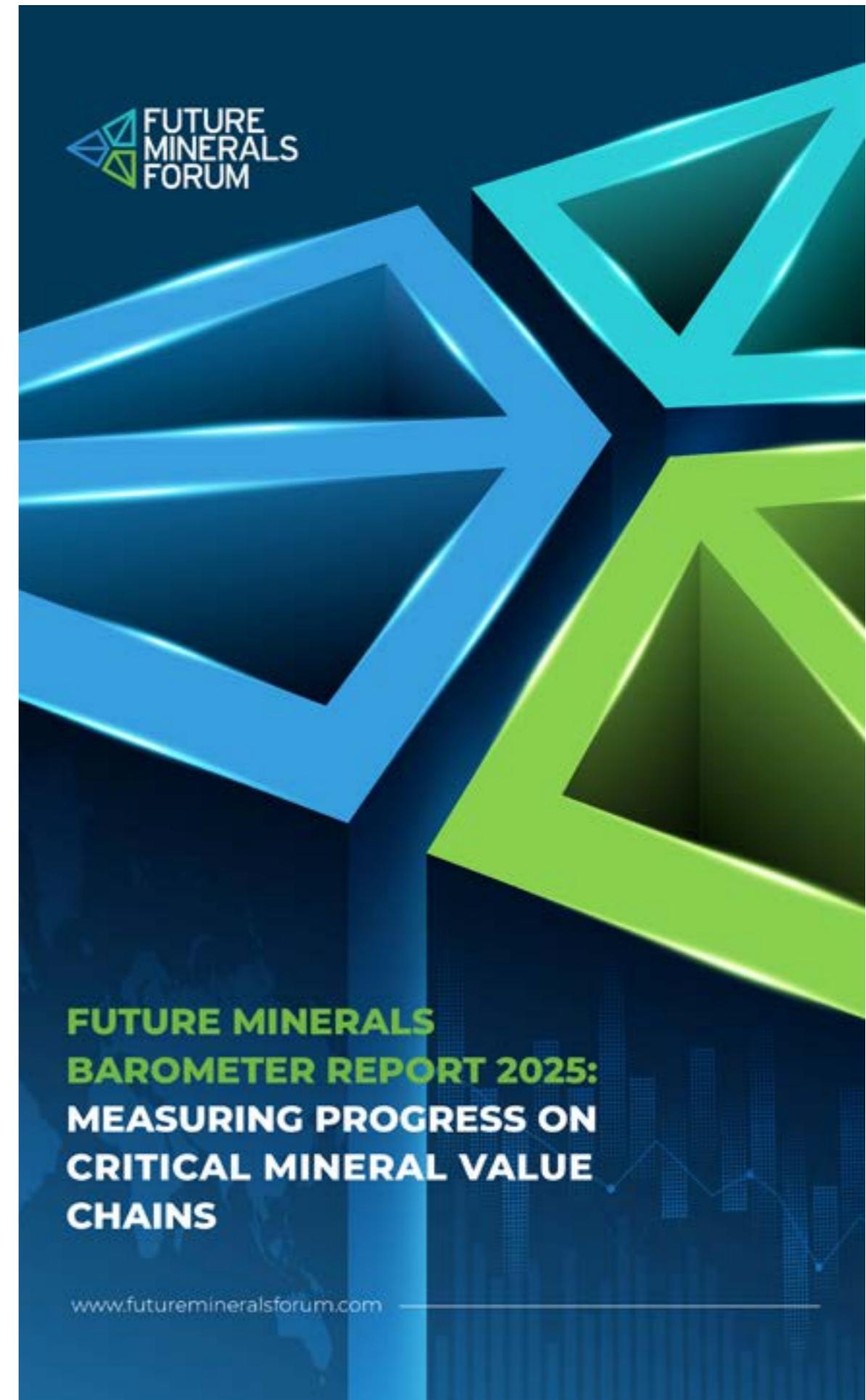
By focusing on these enablers, the Barometer aims to ensure supply chain resilience within the Super Region and its connections to the global market.

The Barometer will track progress on mineral value chain creation across six priority mineral corridors, as well as report on implementation of the FMF International Minerals Framework.

The FMF Barometer report aims to become a 'go-to' source of comprehensive information on mineral development for decision makers in governments and industry.

### The report will include:

- Focused analyses of supply and demand trends
- Identification of vulnerabilities in global and regional supply chains
- Evaluation of geopolitical and macroeconomic impacts
- A forward-looking approach to help manage risks while securing long-term supply.



# WHAT IS THE FUTURE MINERALS FORUM?

**The Dawn of a Global Cause starts here.**

Since its maiden edition in 2022, the Future Minerals Forum (FMF) has grown in leaps and bounds to become the leading global platform for shaping the future of minerals. Now in its 5th edition, FMF 2026, themed 'Dawn of a Global Cause', will build on the momentum of past editions to drive a new age of mineral development across supplier countries.

Dawn of a Global Cause will convene senior governments, industry experts, investors, academia, government, and non-governmental organizations, and other stakeholders across the entire mineral value chain to promote resilient and responsible supply of minerals.

The forum will facilitate agreements, launch transformative initiatives, and spark dialogues reshaping the future of minerals.

FMF is more than a conference and exhibition; it is a government-led forum, a cause driven from Saudi Arabia—a cause that brings the world together to deliver the minerals for creating a new era of global development, prosperity, and stability.

## OUR MISSION

To convene leaders from government, business, multilaterals, NGOs, academia, and trade associations in a government-led, action-focused, and multistakeholder platform. FMF is committed to driving tangible outcomes that enhance the global minerals ecosystem and advance the electrification goals.

## OUR PURPOSE

Enable the creation of resilient and responsible mineral value chains in supplier regions for a new age of global development.

FMF is a catalyst for sustainable growth,



ensuring that mineral-rich regions can fully benefit from their resources.

## OUR OBJECTIVES

1. Create an inclusive, multistakeholder space bringing together leaders from around the world to enable a new age of development and prosperity in supplier countries.
2. Position Saudi Arabia as a global hub for minerals and metals production and trade.
3. Attract investments to develop resilient mineral value chains across supplier regions, ensuring global access to critical minerals.

## LEVERAGING THE UNIQUE POSITION OF THE KINGDOM OF SAUDI ARABIA

Saudi Arabia has positioned itself as a leader in the global minerals and energy sectors, not only through its vast natural resources but also by fostering a global dialogue on sustainable mineral supply.

With Vision 2030, the Kingdom has accelerated investments in green



technologies, sustainable mining practices, and international collaborations that are shaping the future of the industry.

The highly anticipated 5th edition is scheduled to take place from January 13 – 15 2026, in Riyadh, Saudi Arabia.

FMF reflects the Kingdom's ongoing commitment to advancing international cooperation across the global mineral value chain.

FMF will facilitate knowledge sharing and technology transfer, encouraging attendees to create meaningful international partnerships and initiatives that can inspire new ways of thinking and drive forward a unified effort to make sustainable mineral supply a common path for global energy transition conversations.



## ADDRESSING REALITY

Mineral demand is rising, and it will not slow down.

Without strong partnerships across the value chain, the industry is projected to struggle in meeting the growing global demand.

Taking place in Saudi Arabia, FMF is the world's go-to platform for collaboration, trust-building, and decisive action among global stakeholders.

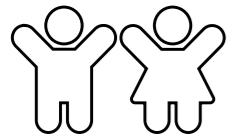
## WHAT TO EXPECT AT FMF 2026

The 5th edition of FMF will feature specialized themes and dynamic showcases centered around the most critical topics shaping the global minerals industry.

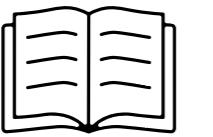
FMF 2026 provides a platform for leaders, innovators, and investors to connect, collaborate, and shape the future of minerals, driving resilience and responsible supply.

# FMF SIDE MEETINGS: TURNING TALK INTO ACTION

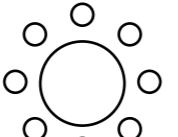
Part of the world-class program at the Future Minerals Forum features a range of side meetings that take place to drive practical action on the development of resilient, sustainable minerals value chains.


**MinGEN**

- Providing a platform for the next generation of leaders to shape the future of the minerals industry.
- Facilitating engagement between current and future leaders.
- Accelerating the advancement of women in mining.
- Positioning the minerals sector as an industry young people want to work in.


**KNOWLEDGE EXCHANGE**

- Providing a platform and time for 'deep dive' technical presentations to expert audiences.
- Enabling the sharing of knowledge to build capacity and drive mineral development in supplier regions.
- The sessions address key enablers contained in the FMF International Minerals Framework and aim to identify solutions and actions that can support its implementation.


**LEADERSHIP ROUNDTABLES**

- Over 280 leaders and experts including Ministers, company CEOs, multilateral organizations and NGOs will meet at roundtables to address a key challenge facing the minerals sector and recommend practical solutions.
- Actionable recommendations and potential new initiatives will be presented to the next Ministerial Roundtable and taken forward by FMF.


**GATEWAY TO FUNDING**

- FMF and BMO Capital Markets have joined forces for the first time to co-host strategy presentations by major mining companies, offering investors an exclusive opportunity to engage directly with industry leaders.
- Driving global mineral development through investment promotion, enhancing engagement with targeted investors, and creating a robust platform to drive mineral investment opportunities.


**STATE OF THE SECTOR**

- A new addition to the FMF program that will showcase the inaugural Future Minerals Barometer. The Barometer will track progress on mineral value chain creation across seven priority mineral corridors, as well as report on implementation of the FMF International Minerals Framework.
- Enabling the establishment of business relationships through a 'matchmaking' program.




**STRATEGIC PARTNER: AJLAN & BROS SP11**

# AJLAN & BROS MINING: POWERING THE FUTURE OF SAUDI ARABIA'S MINING AND METALS INDUSTRY

Ajlan & Bros Mining (ABM), a subsidiary of Ajlan & Bros Holding Group, is spearheading one of the most ambitious private-sector mining initiatives in Saudi Arabia, fully aligned with Vision 2030 and the Kingdom's strategy to establish mining as the third pillar of the national economy. Since its formation in 2021, ABM has rapidly evolved into one of the Kingdom's leading private-sector mining developers, committed to investing USD14 billion in the sector by 2030 across exploration, mining, smelting, refining, and processing.

Through strategic alliances with international partners such as Moxico Resources, Zijin Mining, Norin Mining, and Alfred H. Knight, ABM is advancing multiple large-scale projects, including the flagship Khnaiguiyah Zinc-



Copper-Manganese Mine, Saudi Arabia's largest integrated base metals project, and the Bir Umq gold exploration program.

ABM's portfolio also includes transformative downstream initiatives such as zinc and copper smelters, a precious metals refinery, a lithium hydroxide

plant, and an integrated minerals laboratory, reinforcing its commitment to local value creation and sustainable industrialization.

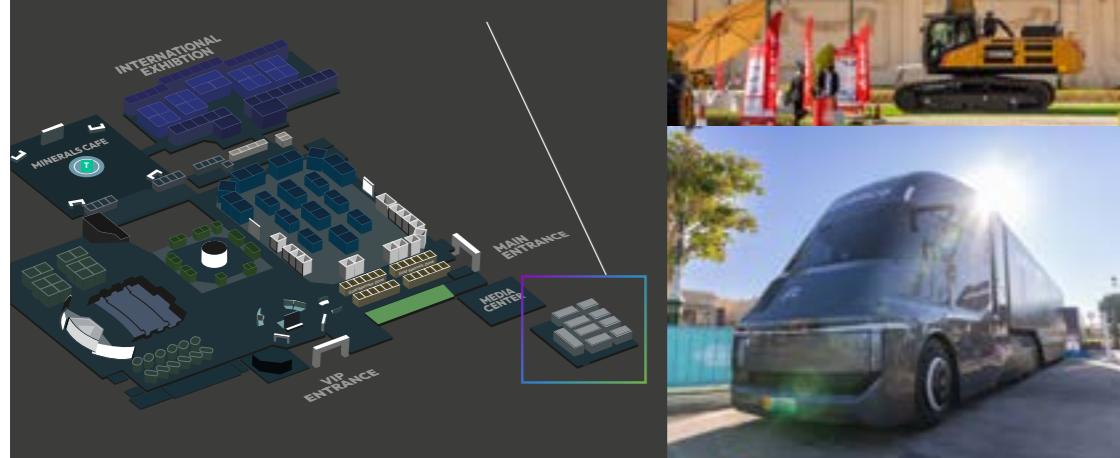
With a strong focus on responsible mining, technological innovation, and human capital development, Ajlan & Bros Mining is helping



position Saudi Arabia as a global mining powerhouse, bridging natural resource potential with industrial excellence and environmental stewardship.

► **For more information, visit [ajlanbrosmining.com](http://ajlanbrosmining.com)**


**13 - 15 January 2026**  
 King Abdulaziz International Conference Center, Riyadh, Saudi Arabia

**DON'T MISS THE OUTDOOR EXHIBITION!**
**WHERE TO FIND US**

[www.futuremineralsforum.com](http://www.futuremineralsforum.com)

**A TRUE OPPORTUNITY FOR A SPECIALIZED SECTOR — WHY EXHIBIT?**
**Immersive Showcase for the Value Chain**

Present your innovations in an open-air environment designed to highlight the full scale, capability, and impact of equipment and solutions across the global minerals and mining value chain.

**Unmatched Display of Heavy Machinery**

Demonstrate trucks, crushers, drill rigs, and large-scale equipment in action—offering buyers, investors, and partners a close-up, real-world experience that cannot be replicated indoors.

**Prime Location & Event Highlight**

Benefit from a dedicated outdoor zone located just minutes from the Media Village and positioned at high-traffic entrances, ensuring maximum visibility and strong engagement from delegates and global media.



## At MCS, innovation drives safety — transforming mining into a smarter, safer, and more efficient industry.



The silos containing the emulsion are used to fill the MMU trucks before they depart for the operation sites. Manssourah and Massarah site, specifically dedicated to bulk emulsion

**STRATEGIC PARTNER: MCS SP09**

# EMPOWERING THE FUTURE OF MINING IN SAUDI ARABIA

With over 15 years of experience, Modern Chemicals & Services Company (MCS) drives the transformation of Saudi Arabia's mining landscape by delivering innovative and reliable solutions that enhance efficiency, safety, and sustainability.

MCS was the first company in the region to introduce and be authorized to use bulk emulsion technology—a breakthrough that improved both safety and productivity by reducing human involvement by a factor of ten. This advancement minimizes risks, optimizes costs, and supports the sector's transition toward advanced and environmentally responsible mining practices. Our expertise covers a complete range of services and products, including drilling, blasting, open-pit and underground mining,



bulk emulsion manufacturing, and MMU truck operations. These integrated solutions enable precision, reliability, and cost efficiency at every stage—from planning to execution.

Innovation at MCS is driven by a proactive strategy of monitoring and adopting cutting-edge

technologies from globally recognized providers. Through careful evaluation, we select only proven, high-performance solutions that align with the Kingdom's development objectives and Vision 2030 goals.

MCS also maintains strong relationships with national

authorities and institutions, collaborating on training, certification, and skill development to elevate local capabilities and promote safety excellence across the mining sector.

By developing local expertise and investing in research, training, and modern technologies, MCS contributes to building a resilient, competitive, and sustainable mining ecosystem in Saudi Arabia.

Through its participation in the Future Minerals Forum 2026, MCS reaffirms its commitment to empowering the future of mining—driving progress, efficiency, and responsible growth to unlock the full potential of the Kingdom's mineral resources.

► **For more information, visit [mcs-ksa.com](http://mcs-ksa.com)**

# A GLOBAL DESTINATION OF CHOICE FOR SUSTAINABLE MINING INVESTMENT

We asked **Eng. Geoff Day, CEO of AMAK**, for his thoughts ahead of FMF26 and on the role that Saudi Arabia is playing in the global minerals dialogue.

## HOW IS SAUDI ARABIA SHAPING THE GLOBAL CONVERSATION ON MINERALS?



Eng. Geoff Day, CEO of AMAK

Saudi Arabia is leading the global dialogue on critical minerals with a bold vision that balances growth and sustainability. Under Vision 2030, the Kingdom has established mining, and its key support industries of technical innovation, talent development, supply chains, and funding, as a key pillar of the clean energy transition. The Future Minerals Forum (FMF) embodies this leadership — uniting global voices to build a more sustainable and innovative minerals ecosystem.

## HOW HAS SAUDI ARABIA CREATED AN INVESTOR-FRIENDLY ENVIRONMENT?

Saudi Arabia has successfully built one of the world's most attractive investment environments in the mining sector through a world class legislative framework, clear regulations, supportive infrastructure, and strong governance under Vision 2030. The Mining Investment Law has established a transparent regulatory framework that strengthens confidence and stability in the business environment. In this context, the Ministry of Investment, in collaboration with the Ministry of Industry and Mineral Resources, has taken concrete steps to attract new investments, including the launch of exploration licensing bidding supported by an extensive geological database managed by MIMR, opening opportunities for international companies to participate, and facilitating procedures for

economies and more sustainable societies.

## WHAT VALUE DOES AMAK DELIVER TO SOCIETY?

AMAK believes that its success is deeply connected to the growth and well-being of the communities around it and KSA as a whole. The company is committed to supporting local communities by creating job opportunities, empowering local suppliers, and developing national talent through education and training programs.

AMAK also places great emphasis on enhancing local content, supporting Saudi small and medium-sized enterprises (SMEs), and integrating them into its supply chains. The company strives to be an active contributor to society, particularly in the areas surrounding its operations, through development initiatives that improve quality of life and strengthen social and economic sustainability across the region.

## HOW DO YOU DEVELOP NEXT-GENERATION TALENT?

AMAK believes that investing in people is the true foundation of long-term sustainability and success. The company is dedicated to developing national talent through specialized training programs in mining and supporting technical disciplines, in collaboration with the Ministry of Human Resources and Social Development and Najran University.

In this way, the FMF is more than just an economic event — it is a platform for positive change, showcasing how minerals can drive stronger

Saudi talent. On an ongoing basis, AMAK provides training and qualification programs for graduates in mining and related fields, aiming to prepare a technically skilled and field-ready generation. A notable example is the training of 30 graduates from the Saudi Mining Polytechnic in Arar, who successfully completed their programs and have since joined the company's operations.

In addition, AMAK places strong emphasis on promoting women's participation in the mining sector, encouraging female talent to join this vital industry and contribute to its growth in line with Saudi Vision 2030.

## WHERE DO YOU SEE THE POTENTIAL OF AI IN MINING?

AI has become a key enabler in transforming and optimizing the mining industry. It is increasingly used in geological data analysis to identify new mineral discoveries with greater accuracy and in mineral processing, mine planning and production optimization through intelligent systems that can predict risks and support faster, data-driven decision-making. AI also plays a crucial role in real-time equipment monitoring and predictive maintenance, helping reduce unplanned downtime, lower operating costs, and enhance safety across mining sites.

In the long term, AI will contribute to greater efficiency in energy and resource use, driving environmental sustainability across the mining value chain.

► For more information, visit [amak.com.sa/](http://amak.com.sa/)

# WORLD-CLASS SPEAKERS



**H.E. Eng. Saad AlKhalib**,  
CEO, Saudi Exim Bank



**Eng. Yahiya Al Shangiti**,  
Chief Executive Officer, ARGAS (Arabian Geophysical & Surveying Company)



**Khaled Al-Ofaysan**,  
KSA Managing Partner & Country Head, IBM Consulting



**Abdullah M. Jehani**,  
Senior Geologist, Owner of the National Core Library Initiative (NCL), Saudi Geological Survey



**Mustafa bin Abdulqader Makki**,  
Senior Computer Scientist, Owner of National Information Initiative (NCD), Saudi Geological Survey



**Dominic (Dom) Barton**,  
Chair, Rio Tinto



**Bob Wilt**,  
Chief Executive Officer, Maaden



**Máximo Pacheco**,  
Chairman, Codelco



**Gustavo Pimenta**,  
CEO, Vale



**Helena Hedblom**,  
President & CEO, Epiroc



**Shaun Usmar**,  
CEO, Vale Base Metals



**Catherine Raw**,  
Chief Development Officer, BHP



**Robert Friedland**,  
Founder, Ivanhoe Mines, Ivanhoe Electric and I-Pulse



**Kenneth Hoffman**,  
Founder and CEO, Traubenberg



**Iván Arriagada**,  
Chief Executive Officer, Antofagasta Minerals



**Xavier Saint Martin Tillet**,  
Senior Executive Vice President, Mining Business Unit, Orano



**Alexei Vostokov**,  
Chief Executive Officer, Polyus



**Tristan Pascall**,  
Chief Executive Officer, First Quantum Minerals



**Michael Steinmann**,  
President & Chief Executive Officer, Pan American Silver



**Wang Xiaoshen**,  
Vice Chairman & President, Ganfeng Lithium



**Bill Oplinger**,  
President and Chief Executive Officer, Alcoa



**Dr. George Q. Fang**,  
Vice Chairman, Executive Vice President, Zhejiang Huayou Cobalt Co



**Graham Kerr**,  
Chief Executive Officer and Managing Director, South32



**Adam Lundin**,  
Chair, Lundin Mining Corporation



**Kent Masters**,  
Chairman and Chief Executive Officer, Albemarle



**Marna Cloete**,  
President & Chief Executive Officer, Ivanhoe Mines



**Marc Winterhoff**,  
Interim Chief Executive Officer, Lucid



**Garry Korte**,  
Group Chief Executive Officer, Hancock Prospecting



**Guy Robert Lukama**,  
Chairman of the Board, Gecamines



**Dale Henderson**,  
CEO and Managing Director, PLS



**Paulo Castellari**,  
Chief Executive Officer, Eramet



**Dr. José Luis Manzano**,  
Founder and Chairman, Integra Capital



**Luis Fernando Herrera**,  
Chief Executive Officer, Volcan Compañía Minera



**Randy Smallwood**,  
Chief Executive Officer, Wheaton Precious Metals



**Brian Menell**,  
Chairman and CEO, TechMet

**STRATEGIC PARTNER: ARGAS SP13**

# SAUDI ARABIA'S MINING RENAISSANCE: POWERING VISION 2030 AND A SUSTAINABLE FUTURE



As global investment trends shift away from traditional extractive industries, Saudi Arabia is charting a bold new course—turning mining into a cornerstone of its Vision 2030 transformation. Whilst many nations are divesting from mining, the Kingdom recognizes that critical minerals are essential to the world's green transition and to its own economic diversification. In this new era of opportunity,

**Arabian Geophysical and Surveying Company (ARGAS)** stands as a pioneer and partner in progress, celebrating 60 years of geophysical excellence and innovation.

Mining has long been a catalyst for economic and social development, capable of lifting communities out of poverty through job creation, infrastructure investment, and technology transfer. Today, as the world demands cleaner energy and sustainable materials, mining is no longer just about resource extraction—it's about enabling the renewable revolution. From lithium and nickel for batteries to copper and rare earth elements for wind turbines and electric vehicles, the critical minerals mined today will power the carbon-free economies of tomorrow.

Saudi Arabia's Vision 2030 identifies mining as the "third pillar" of national economic diversification, alongside energy

- **2022:** Marked a new chapter by restarting mining services, beginning with advanced magnetic surveys.

- **2024—to date:** Expanding both ground and airborne geophysical equipment and increasing the capacity and capabilities to serve the growing demand in the mining market.

As **ARGAS approaches its 60th anniversary**, it continues to blend decades of expertise with cutting-edge technology to support the Kingdom's evolving resource ambitions. Its renewed focus on mining services aligns seamlessly with Vision 2030's sustainability goals and commitment to economic diversification.

Whilst Saudi Arabia's mining sector continues to expand, ARGAS stands at the forefront, delivering comprehensive solutions that reduce exploration risk and optimize spending for mining companies across the Kingdom.

Leveraging its extensive logistical network and highly skilled workforce, ARGAS has achieved remarkable milestones—collecting over 300,000 samples and completing more than 10,000 kilometers of geological mapping since April 2024. ARGAS has also executed a wide range of geophysical surveys,

Among its many milestones:

- **1966-1969:** ARGAS launched early geophysical surveys in Sidriyah, Umm ad Damar, and Umm Hadid, supporting the Kingdom's emerging mining sector.

- **1980s:** The company conducted more than a dozen surveys per year, reflecting rapid industrial growth.

- **1996:** Completed its last mining survey before focusing on energy-related exploration.



► **For more information, visit [argas.com/](http://argas.com/)**

including drone-based and ground magnetic, gravity, and electrical resistivity tomography (ERT) surveys amongst others, supporting the largest mining players in Saudi Arabia.

Positioning itself as a one-stop shop for the mining industry, ARGAS complements its field operations with a dedicated GIS and surveying department that provides advanced laser scanning, topographic surveying, geotechnical testing, and drilling services—ensuring end-to-end data integration from surface to subsurface.

Mining, when done responsibly, has the power to transform lives—creating local jobs, developing new skills, and driving technological innovation. In Saudi Arabia, it also represents a bridge between tradition and transformation: harnessing the nation's geological heritage to build a cleaner, greener future.

With companies like ARGAS leading the way, the Kingdom is proving that mining and sustainability can not only coexist but thrive together, powering prosperity for generations to come.

**FOUNDING PARTNER: SCCL SP14**

# SAUDI CHEMICAL COMPANY LIMITED: PIONEERING EXPLOSIVES EXPERTISE FOR THE FUTURE OF MINING

As a key enabler of Saudi Arabia's mining ambitions, Saudi Chemical Company Limited (SCCL)—the Kingdom's leading producer of civil and military explosives—is proud to return to Future Minerals Forum 2026 to showcase its expertise and reaffirm its commitment to powering the region's mining and industrial growth.

Beyond production, SCCL offers a comprehensive range of support services, including the transportation, storage, and blasting—all designed to ensure operational excellence and environmental responsibility. These services help mining companies achieve optimal performance while contributing to the long-term sustainability of the

Kingdom's mining ecosystem. With three civil explosives factories strategically located across northern, central, and western Saudi Arabia, and distribution centers in the eastern, western, and southern regions, SCCL ensures nationwide reach and reliable supply.

As a subsidiary of Saudi Chemical Company Holding, SCCL benefits from the integrated strength of the group. This includes its sister company, the Suez International Nitrate Company (SINCO) in Egypt, which produces Ammonium Nitrate, the key raw material for civil explosives and SCCL's operations. The company also manufactures military

explosives, including TNT, RDX, and mechanical fuses, underscoring its technical capability and strategic significance to the national development.

In line with Saudi Vision 2030, SCCL continues to contribute to national prosperity by transferring knowledge, localizing expertise, and empowering Saudi talent through continuous training and qualification programs. Its focus on human capital development reflects a deep commitment to nurturing the next generation of professionals who will drive the Kingdom's industrial and mining future.

► **For more information, visit [saudichemical.com/](http://saudichemical.com/)**



**TASNEE** is one of the largest investors in the titanium value chain and the sole producer of **Titanium Sponge** in the Middle East through its affiliated company, **AMIC**.

**15,600** Tons of Titanium Sponge 

**500,000** Tons of Titanium Slag 

**250,000** Tons of Pig Iron 





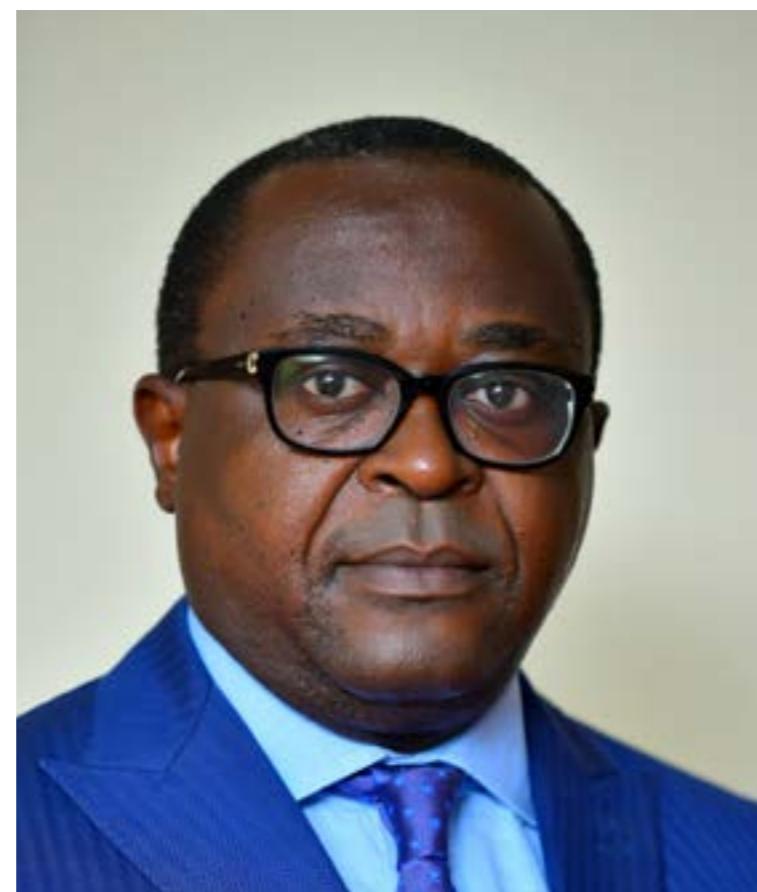
# GÉCAMES: MAKING MINING A PLATFORM FOR NATIONAL RENEWAL

**The global transition toward clean energy, advanced manufacturing, and digital infrastructure is redefining the role of minerals in human progress, writes Guy-Robert Lukama Nkunzi, Chairman of the Board of Directors of Gécamines.**

What was once seen as a purely extractive industry is now at the center of a new development paradigm—one that links natural resource endowment with industrial capability, technological innovation, and sustainable growth. For the Democratic Republic of Congo (DRC), this is more than an opportunity; it is a responsibility to ensure that the country's extraordinary mineral wealth becomes a driver of long-term prosperity. Gécamines stands at the heart of this transformation. With over a century of history rooted in the copperbelt of Katanga, the company has long been synonymous with the DRC's industrial foundation. But the world has changed. The metals we produce—copper, cobalt, zinc, germanium, and others—now power electric vehicles, renewable energy grids, data centers, and the entire digital economy. They are the essential building blocks of the 21st century, and the DRC is uniquely positioned to be a cornerstone of this new era. To meet that potential, Gécamines is undergoing a fundamental strategic shift. We are moving from a model defined by raw material exports to one anchored in value addition, refining, and local manufacturing. Our reform agenda is focused on ensuring that Congolese resources generate Congolese prosperity—not only through fiscal returns but through job creation, technology transfer, and human capital development.

This transformation is already underway. We recently launched the DRC's first export of germanium concentrate to Europe—a landmark that expands our reach beyond traditional base metals into the strategic minerals essential to

semiconductors and advanced electronics. At the same time, we are reviewing the structure of our joint ventures to secure greater transparency, stronger governance, and fairer participation in the wealth these projects create. These steps signal a decisive shift toward active leadership rather than passive ownership. The imperative now is to translate mineral wealth into inclusive development. For too long, the benefits of extraction across Africa have flowed outward, while communities near the mines remained disconnected from the economic gains. Gécamines is determined to change this. Across our operations, we are investing in local infrastructure, education, and healthcare; training the next generation of Congolese engineers and geologists; and empowering local suppliers to participate in our value chains. The goal is not just to mine responsibly, but to make mining a platform for national renewal.



**Guy-Robert Lukama Nkunzi, Chairman of the Board of Directors of Gécamines**

Partnerships will be central to that vision. We welcome collaboration with international investors who bring capital, technology, and access to global markets—but such partnerships must rest on mutual respect, transparency, and shared value. The future of mining cannot replicate the inequities of the past. Instead, it must align with the principles of good governance and sustainability that underpin modern development. We seek partners who understand that local content, ethical practices, and environmental stewardship are not constraints, but competitive advantages in a changing global market.

Our focus, therefore, is threefold. First, we are accelerating investment in refining and

processing capacity to enable the DRC to capture more value domestically. Second, we are deepening community-centered development programs that link the success of our operations to tangible improvements in the lives of those who live nearby. And third, we are embedding sustainability and governance reforms across our portfolio to ensure that every ton of copper or cobalt contributes to both global decarbonization and local dignity. This is what “minerals for a new era of development” means for Gécamines. It is not a slogan, but a strategic commitment to turn geological abundance into economic transformation—to power global progress while building the foundations of Congolese prosperity. As global demand for critical minerals

**For more information, visit [gecamines.com](http://gecamines.com)**

# RECOVERING STRATEGIC METALS FROM NON-CONVENTIONAL RESOURCES: A LEVER FOR THE FUTURE

The energy transition depends on secure and sustainable access to critical metals. As a committed mining player in the nuclear sector, Orano Mining contributes to low-carbon electricity production through the supply of uranium, an essential element for the development of green mobility and gigafactories.

We know that by 2050, global uranium demand is expected at least to double. To meet this challenge, Orano is leveraging decades of technological leadership and pushing the boundaries of innovation. This includes the discovery and development of new world-class deposits, such as those in Mongolia, the advancement of cutting-

edge extraction methods like the SABRE technology in Canada, which makes the exploitation of small and high-grade uranium deposits economically viable, and the strategic diversification of our portfolio by opening pathways into untapped markets.

Recovering uranium from so-called non-conventional deposits where uranium is not the primary extracted product is a natural extension of this development trajectory. It represents a key strategic focus at the crossroads of energy, economic, and environmental challenges. This approach reduces dependence on conventional deposits while creating new value chains that generate

industrial and economic opportunities.

Phosphate ores are a concrete example and represent a major lever in this strategy. Primarily mined for fertilizer production, they contain trace amounts of uranium that can be recovered competitively when technology and industrial collaboration align.

By linking the phosphate and nuclear value chains, this approach creates new market opportunities while securing access to uranium resources.

Diversifying supply sources thus becomes a competitive advantage, strengthening the resilience and long-term stability of uranium supply



**Xavier Saint Martin Tillet, Sr. Executive Vice President of the Mining Business Unit, Orano**

**For more information, visit: [orano.group/en](http://orano.group/en)**

**STRATEGIC PARTNER: ZAHID TRACTOR SP10**

## ZAHID TRACTOR: DRIVING MINING EXCELLENCE AND DIGITAL TRANSFORMATION



Zahid Tractor continues to set benchmarks in Saudi Arabia's mining and heavy equipment sectors through innovation, technical expertise, and customer-centric solutions. In 2025, the company achieved major milestones, including the successful delivery of fully rebuilt underground units, CAT AD30 and R1600G, to one of the leading mining companies in the Kingdom. These projects underscore

Zahid Tractor's commitment to quality, reliability, and operational excellence.

In Jeddah, the General Bay team completed nine Certified Cat Rebuilds (CCRs), restoring excavators, dozers, and loaders to “like-new” condition. These rebuilds extend equipment lifecycle and reinforce Zahid Tractor's reputation for precision and craftsmanship. Additionally, Rental Division at Zahid trac-

tor secured a strategic long-term rental agreement with a major industrial partner, supporting Saudi Arabia's industrial growth under Vision 2030.

Beyond equipment, Zahid Tractor is accelerating digital transformation. Platforms such as VisionLink, Cat Inspect, and Cat Central empower customers with real-time fleet monitoring, predictive maintenance, and streamlined inspections, delivering efficiency and cost savings while enhancing the customer experience. Furthermore, CAT's online parts platform provides convenient access to genuine parts, ensuring operational continuity and reducing downtime.

Looking ahead to the Future Minerals Forum (FMF), Zahid Tractor aims to showcase how these achievements align with FMF's themes of sustainability, innovation, and digitalization. By combining advanced equipment solutions with cutting-edge technology, Zahid Tractor is helping mining partners maximize productivity and reduce environmental impact. FMF provides an opportunity to engage with global leaders, share best practices, and explore partnerships that drive the Kingdom's mining sector forward.

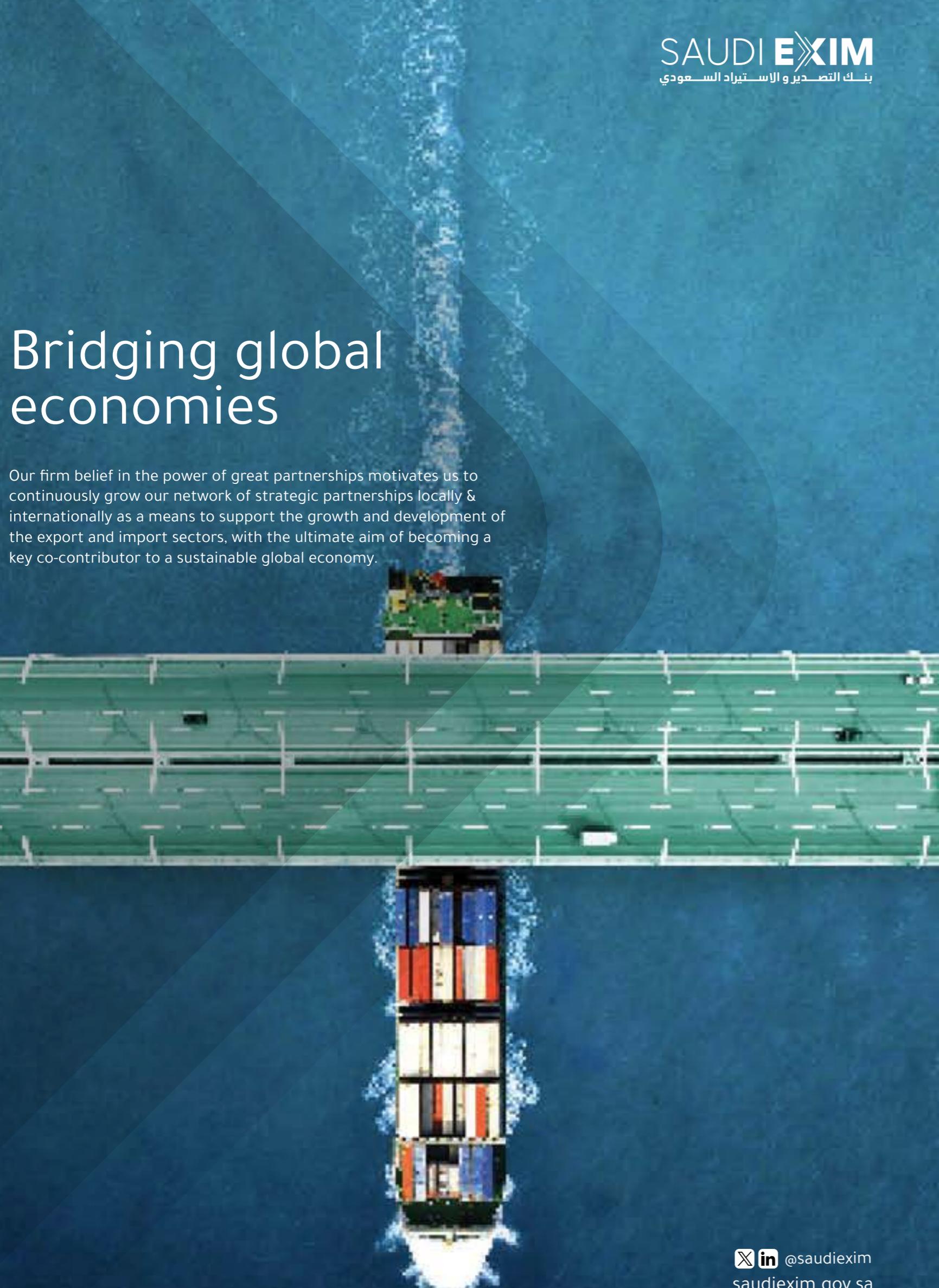
These milestones reflect Zahid Tractor's unwavering commitment to excellence and its role as a trusted partner in shaping the future of mining and industrial operations in Saudi Arabia.

**For more information, visit [zahid.com](http://zahid.com)**

# Bridging global economies

Our firm belief in the power of great partnerships motivates us to continuously grow our network of strategic partnerships locally & internationally as a means to support the growth and development of the export and import sectors, with the ultimate aim of becoming a key co-contributor to a sustainable global economy.

SAUDI EXIM  
بنك التصدير والاستيراد السعودي













































































































































































































































































































































































































































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13 - 15 January 2026

King Abdulaziz International  
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# THE WORLD'S MINING LEADERS AWAIT YOU. JOIN FMF PREMIER 2026

## DAWN OF A GLOBAL CAUSE

FMF Premier is an exclusive, invitation-only leadership experience bringing together ministers, C-suite executives, dignitaries, investors, and global decision-makers shaping the future of minerals. It serves as a high-level platform for strategic dialogue, partnership formation, and collaborative action aligned with the vision of responsible mineral development.

Within this circle, leaders address the most pressing challenges and opportunities across the global minerals ecosystem—from supply security and digital innovation to sustainable growth and downstream transformation. Premier participants join a distinguished global community committed to accelerating progress and strengthening the strategic role of minerals in global development.

By invitation only and through  
nominations from:

Premier Guest Benefits

- Ministers and senior government officials
- C-suite executives and board-level leaders
- Investors, financiers, and fund managers
- Heads of industry associations
- Global thought leaders and policy influencers
- Strategic partners driving innovation, sustainability, and value-chain transformation

Premier guests enjoy a personalised, elevated experience with:

- Access to invitation-only strategic sessions
- Direct engagement with senior industry leaders
- Meetings with ministers and speakers in the Premier Lounge
- Dedicated concierge support
- Fast-track entry with a Premier badge
- Priority access across key FMF functions and networking areas



RSVP

Kindly confirm your attendance by 15 December by email: [Premier@futuremineralsforum.com](mailto:Premier@futuremineralsforum.com)



13 - 15 January 2026

King Abdulaziz International  
Conference Centre,  
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## BOOK A STAND TODAY!



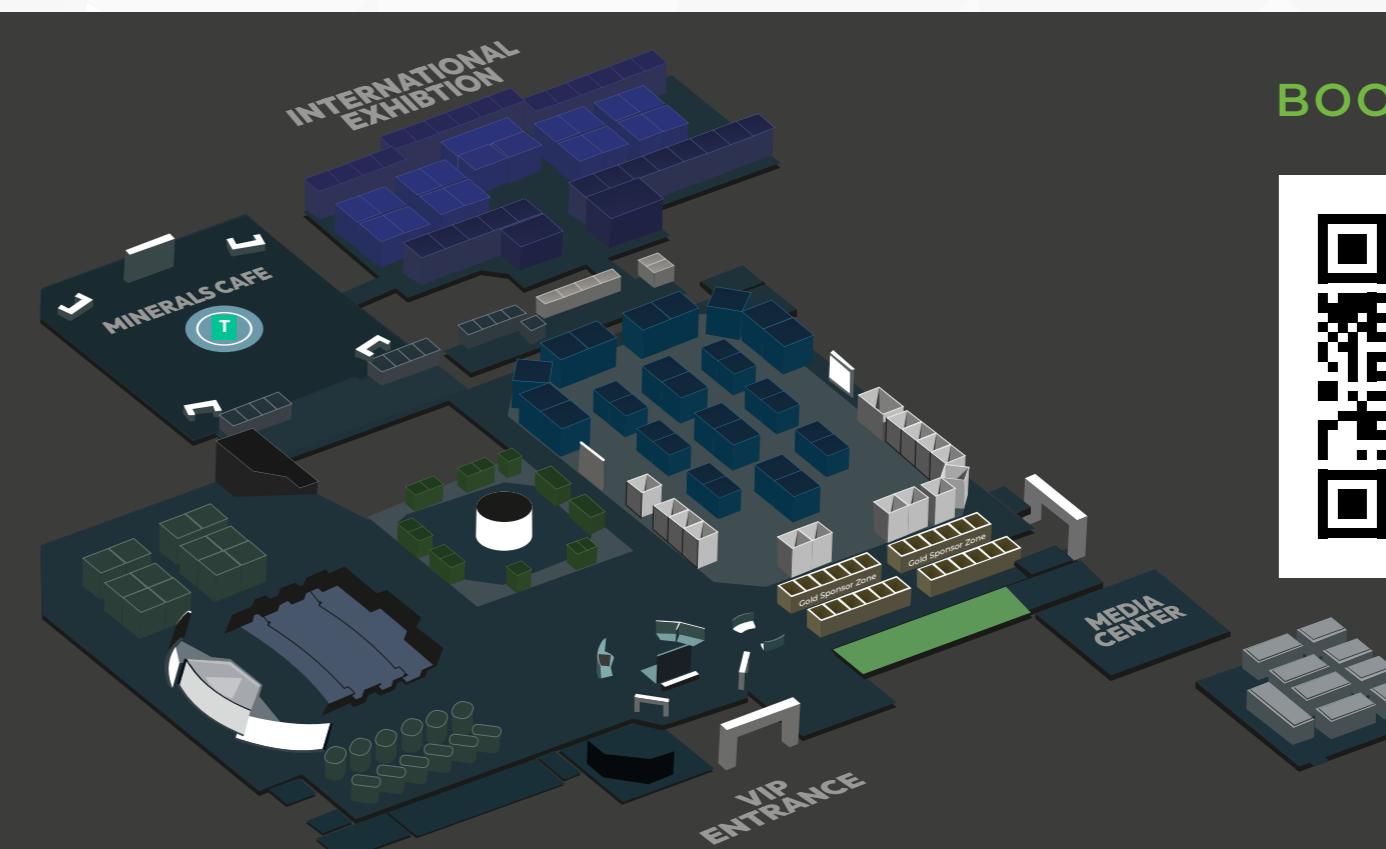
## REASONS TO EXHIBIT

The 2026 exhibition provides a global platform for showcasing breakthrough technologies and solutions to senior decision-makers from across the minerals and metals value chain.

Exhibitors gain direct access to industry leaders, potential buyers, investors, and partners—unlocking new business opportunities and long-term strategic collaborations.

FMF merges thought leadership with practical industry solutions, making the exhibition a uniquely influential venue for expanding networks, elevating brand visibility, and driving real commercial outcomes.

## BOOK A STAND



[www.futuremineralsforum.com](http://www.futuremineralsforum.com)

**PLATINUM SPONSOR: ALS ARABIA PP11**

## ALS ARABIA STRENGTHENS ITS LEADERSHIP IN GEOCHEMICAL ANALYSIS

ALS Arabia, one of the region's most advanced and trusted laboratory networks, has reaffirmed its commitment to supporting the Kingdom's rapidly expanding mining sector as Saudi Arabia prepares to host the Future Minerals Forum 2026.

Established in 2009 and headquartered in Dammam, ALS Arabia operates a network of five world-class laboratories across Dammam, Riyadh, Tabuk, and Jeddah. The company provides certified, high-quality analytical services to exploration and mining companies, supporting Saudi Arabia's Vision 2030 objective of transforming mining into a key pillar of national economic growth.

Over the past fifteen years, ALS Arabia has invested heavily in advanced technologies and the development of local Saudi talent. These efforts have

enabled the company to build a strong national workforce and deliver consistently reliable results in large-scale projects, including initiatives where sample volumes exceeded five million. All laboratories are accredited by A2LA (ISO 17025) and by the Saudi Accreditation Center (SAC 17025).

As exploration intensifies across the Arabian Shield and other promising regions, demand for accurate geochemical and mineralogical data continues to grow. ALS Arabia supports



this momentum by providing dependable, fast, and precise analyses that help companies make confident, data-driven decisions at every stage of project development.

Leveraging the global expertise of the ALS Group—a world leader in geochemistry with more than 50 years of experience—ALS Arabia offers a comprehensive range of services. These include advanced ICP-MS, ICP-OES, AA, XRF, and C/technologies; precious and base metal analysis; mineralogy

and petrology services; and fully equipped mine-site laboratories that significantly reduce turnaround times for operational teams.

The company is also expanding its capabilities in critical minerals and battery-metal testing, supporting Saudi Arabia's ambition to play a major role in the global energy transition.

As FMF 2026 approaches, ALS Arabia will highlight its scientific leadership and continued investment in innovation, reaffirming its role as a trusted partner in the Kingdom's fast-growing mining and minerals ecosystem. ALS Arabia is ready to support the next decade of exploration growth.

► **For more information, visit [alsarabia.com](http://alsarabia.com)**

**PLATINUM SPONSOR: ALKHORAYEF MINING COMPANY PP14**

## ALKHORAYEF MINING COMPANY: ACCELERATING SAUDI ARABIA'S MINING FUTURE

As Saudi Arabia advances its Vision 2030 ambition to become a global mining leader, Alkhorayef Mining Company (AMC) stands at the forefront—driving exploration that is smarter, faster, and safer.

As the Kingdom's leading integrated mining services provider, AMC delivers the complete exploration value chain under one Saudi-rooted organization, the Alkhorayef Group. From satellite imaging and geophysical probing to geological modelling, laboratory analysis, and precision drilling, every stage is seamlessly connected through data, technology, and local expertise. Every component is proven, every insight actionable, and every phase engineered to

accelerate progress. AMC's intelligent, end-to-end workflow is designed specifically for Saudi Arabia's terrain, regulatory environment, and mineral ambitions. By integrating advanced geophysics, smarter drilling techniques, wireline probing, core sample analysis, and dynamic geological modelling, the company ensures that exploration moves efficiently from license to production.



company operates to Aramco-grade HSE and engineering standards, combining Saudi capability with international expertise to deliver world-class results.

Aligned with Vision 2030, AMC supports the Kingdom's goals of digital transformation, sustainability, and local talent development. Its commitment to responsible development and technological innovation positions it as a true strategic partner in Saudi Arabia's mining transformation.

Alkhorayef Mining Company is more than a service provider; it is a catalyst for progress—turning potential into production and insight into opportunity. From license to production, AMC delivers clarity, speed, and confidence, empowering the Kingdom's sustainable mineral future.

**PLATINUM SPONSOR: SAUDI ARABIA RAILWAYS PP13**

## SAUDI ARABIA RAILWAYS: POWERING THE FUTURE OF SUSTAINABLE LOGISTICS



As the Kingdom's leading rail operator, Saudi Arabia Railways (SAR) is driving transformation across the transport and logistics landscape in alignment with Vision 2030. With a network spanning over 5,000 kilometers, SAR connects the Kingdom's key industrial, mining, and commercial hubs, providing a safe, efficient, and sustainable mode of transport that supports the nation's economic growth.

SAR plays a pivotal role in enabling the Kingdom's mining and mineral sectors through its world-class freight services. The company's North Line, one of the longest heavy-haul lines in the world, was designed to serve the mining industry, transporting millions of tons of phosphate and bauxite from extraction sites to processing and export facilities. Through this integrated

rail logistics network, SAR continues to enhance supply chain efficiency, reduce carbon emissions, and strengthen the Kingdom's position as a global hub for mineral production and export.

Beyond freight, SAR's broader mission reflects a unified vision of Bridging Distances, Building Tomorrow. With ongoing investments in innovation, digitalization, and multimodal connectivity, SAR is shaping the future of mobility, unlocking opportunities, empowering industries, and contributing to a more sustainable and connected Saudi Arabia.

► **For more information, visit [sar.com.sa](http://sar.com.sa)**

**PLATINUM SPONSOR: JAC RIJK AL RUSHAID PP18**

## SETTING NEW BENCHMARKS FOR MINING EXCELLENCE IN THE KINGDOM

**Jac Rijk Al-Rushaid** stands at the forefront of Saudi Arabia's transformation into a global mining powerhouse. Established in 2012 as a joint venture between Jac Rijk B.V. (Netherlands) and the Al-Rushaid Group (Saudi Arabia), Jac Rijk Al-Rushaid combines over a century of global earthmoving expertise with local operational excellence to deliver world-class mining solutions "Where Excellence Is Met Safely."

Aligned with Saudi Vision 2030, **Jac Rijk Al-Rushaid** actively contributes to the Kingdom's economic diversification by providing end-to-end mining services, including mine design, haul-road construction, drilling, blasting, mass earthworks, and minerals extraction.

The company's extensive portfolio includes major projects with Ma'aden Gold at As Sud,

Ad Duwayhi, and Mansourah & Massarah, as well as significant participation in NEOM's The Line and Connector Projects. Most recently, Jac Rijk Al-Rushaid was awarded the Phosphate III Mine



with Ma'aden Phosphate, further underscoring its position as a trusted national partner driving resource development and empowering local talent. Innovation and safety are at the

heart of Jac Rijk Al-Rushaid's culture. By integrating advanced technologies, digital systems, and mining equipment simulators into its operations and training programs, the company continuously enhances efficiency, sustainability, and workforce readiness ensuring top-tier performance within a zero-harm environment.

In 2024, **Jac Rijk Al-Rushaid** was honored by the Saudi Contractors Authority as "**The Excellent Mining Contractor of the Year**." This recognition reflects the company's unwavering commitment to safety, sustainability, and quality, setting new benchmarks for mining excellence in the Kingdom and beyond.

► For more information, visit [jacrijk-alrushaid.com](http://jacrijk-alrushaid.com)

**PLATINUM SPONSOR: GOLD AND MINERALS CO PP04**

## COMMITTED TO OPERATIONAL EXCELLENCE AND DISCOVERY-LED GROWTH

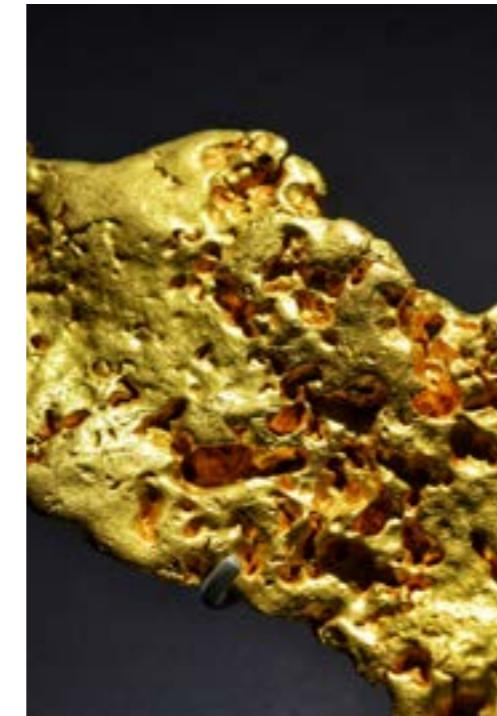
As a leading Saudi exploration and development company, Gold & Minerals Co. (GMCO) continues to advance its portfolio of world-class mineral assets in alignment with the Kingdom's Vision 2030 ambitions for a sustainable mining sector.

At the Jabal Qutman (JQ) Gold Project, GMCO has submitted its mining licence application and is targeting the start of construction in 2026, marking a major milestone in transitioning this significant gold discovery toward production. At Hawiah and Umm Hijilan, advanced project studies are underway while exploration across the newly awarded Umm Hijilan licence continues to expand known mineral resources, reinforcing the company's growing copper, zinc, and gold portfolio.

In parallel, GMCO has entered into a new joint venture with Hancock Prospecting to explore and develop gold and base metal targets across the Al Hajar North belt licence, with field activities scheduled to commence in early 2026.

Complementing these key developments, GMCO's regional exploration program continues to expand across one of the largest land holdings in Saudi Arabia, supported by growing in-house technical capabilities in drilling, geophysics, and UAV-based surveying—underscoring GMCO's commitment to operational excellence and discovery-led growth.

► For more information, visit [gmco.com.sa](http://gmco.com.sa)


**PLATINUM SPONSOR: JCHX PP08**

## A CULTURE OF COLLECTIVE EFFORTS, SHARED PROSPERITY

JCHX Mining Management Co Ltd is an international mining corporation engaged in mine construction and contract mining, mine investment, mine engineering design and technology innovation, equipment manufacturing as well as trading. Driven by its vision to be a leader in the design, construction, and operation of safe, green, and smart mines, JCHX has expanded its global reach from China to Africa, Europe, South America, Central Asia, Southeast Asia, and Australia.

So far, the company has undertaken nearly 40 large-scale projects worldwide, including Kamo Copper Mine in DRC, Khoemacau Copper Mine in Botswana and Pulang Copper Mine in China. JCHX has achieved industry milestones such as constructing shafts as deep as 1,526 meters and declines as long as 8,008 meters and has been honored with multiple Luban Prizes for Construction Engineering.

Leveraging its expertise and unique advantages from decades of practice in mining services, JCHX further expands business to encompass investment. It has successively invested in several mines, including Liangchae Phosphate Mine in China, Dikulushi Copper Mine and Lonshi Copper Mine in DRC, Lubambe Copper Mine in Zambia, and

San Matias Copper-Gold-Silver Mine in Colombia.

JCHX is committed to technology-driven development and has contributed to eight national industry standards, undertaken multiple national research projects, and established a Key Laboratory for Paste Backfilling accredited by the National Mine Safety Administration.

JCHX has developed the "King Ant" series of intelligent mining equipment and partnered with global leading manufacturer to produce multi-purpose underground vehicles under the brand of Kingnor, both products are well received by customers.

Upholding the culture of "Collective Efforts, Shared Prosperity", JCHX is dedicated to high-standard ESG practices, focusing on safety, environmental protection, ecological restoration, and community development, while actively supporting public welfare initiatives and shaping a professional, trustworthy, and responsible corporate image.

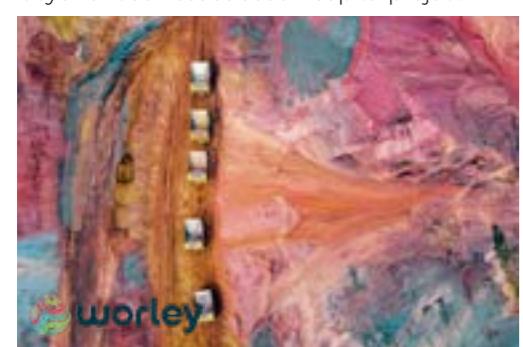
► For more information, visit [jchxmc.com](http://jchxmc.com)



**PLATINUM SPONSOR: WORLEY PP17**

# MINING'S TIPPING POINT: UNLOCKING CAPITAL EFFICIENCY THROUGH NEW MODELS AND TECHNOLOGY

Mining companies face rising pressure to deliver projects faster, leaner, and with greater certainty. Yet legacy contracting models, siloed cultures, and disconnected data continue to slow progress. To keep pace with demand and investor expectations, the industry must rethink how projects are delivered and move beyond "business as usual." Capital project



performance remains poor, with overruns and delays still commonplace. The challenge isn't just technical; it's structural. Success now depends on embracing collaborative delivery models and embedding digital capability from the ground up:

**1. Contracting models that enable collaboration:** Traditional transactional contracts shift risk instead of sharing it, inflating costs and eroding trust. Collaborative models align incentives, reward shared outcomes, and drive faster, more efficient decision-making.

**2. Digital as a core enabler:** Mining generates vast amounts of data, but too little of it is connected or actionable. Integrating digital from engineering through construction

creates a single source of truth, enabling seamless handover and stronger performance.

**3. Predictive and real-time technologies:**

Digital twins, smart simulation tools, and connected devices, from sensors to drones, can forecast risks, reduce rework, and improve productivity, safety, and cost control during execution.

**4. Minimum Viable Project (MVP) delivery:**

An MVP approach develops projects in stages, using early data to reduce uncertainty and optimize capital deployment. It can lower financial risk, accelerate cash flow, and improve long-term sustainability outcomes.

Together, these shifts replace uncertainty with confidence, conflict with collaboration, and inefficiency with predictability. As projects grow in complexity and capital tightens, transformation is no longer optional. The winners will be those who deliver smarter, not just faster, through shared accountability and digital integration.

Meet the Worley team at FMF to explore how new delivery models and digital foundations can transform project performance.

► [Find out more at worley.com](http://worley.com)

**GOLD SPONSOR: TMK GS08**

# TMK ADVANCES A NEW INTEGRATED MODEL FOR CRITICAL RAW MATERIALS DEVELOPMENT



Uzbekistan Technological Metals Complex (TMK), established as a result of the transformative and forward-looking vision of President Shavkat Mirziyoyev, is focused on supporting the global supply chain for critical raw materials (CRM). TMK operates across the full CRM value chain—from upstream mining operations to midstream metal

hubs that combine upstream resources with co-located midstream processing and downstream manufacturing within designated Technoparks, special economic zones (SEZ). These areas provide midstream refining and downstream manufacturing capacity for companies that require access to processing infrastructure, utilities and an established operating environment. The Technoparks offer long-term leasing options, simplified permitting and access to shared industrial services, allowing manufacturers to establish facilities alongside existing processing sites with long term supply of CRMs

The organisation of these Technoparks is intended to reduce

production and downstream end-product manufacturing. Under a presidential decree, all CRM-related assets have been entrusted to TMK for development, comprising more than 100 development and R&D assets and projects covering over 25 different CRM commodities. A central element of TMK's work is the development of industrial

the time and cost required for investors to establish downstream operations, providing access to ready industrial areas, existing processing capacity, and a regulated SEZ environment. This structure helps accelerate the movement of critical raw materials into market-ready products while maintaining responsible operational standards.

As part of the broader CRM development programme, TMK maintains a strong focus on R&D. TMK's R&D network—including the Central Nano-Analytical Laboratory—supports these activities through advanced materials testing, process development and the evaluation of new production methods.

TMK is expanding Uzbekistan's capacity to serve as an additional supply source of critical raw materials for regional and global value chains.

► [For more information, visit uztmk.uz](http://uztmk.uz)

**GOLD SPONSOR: LARSEN & TOUBRO GS04**

# L&T BRINGS EPC EDGE TO COMPLEX MINERALS AND METALS PROJECTS

Larsen & Toubro (L&T), India's \$30 billion engineering and construction conglomerate, is expanding its global footprint with a series of complex minerals, metals, and infrastructure projects across the Middle East. For more than eight decades, the company has been executing large-scale projects in more than 50 countries, earning a reputation for precision engineering and reliable delivery.

In Saudi Arabia, L&T is emerging as a key player in the Kingdom's Vision 2030 transformation, strengthening its industrial base through local manufacturing, partnerships, and execution excellence. The company's clients include



Saudi Aramco, ACWA Power, Maaden, the Saudi Electricity Company (SEC), and NEOM—a lineup that underscores its role in the country's infrastructure and industrial push.

L&T is also advancing regional connectivity through its work on Etihad Rail and the Oman-UAE rail link. The projects include design-and-build contracts for modern freight, logistics, and cargo-handling facilities, aimed at improving cross-border trade and transport efficiency.

One of L&T's standout achievements in Saudi Arabia is the Mansourah-Massarah Gold Project for Maaden. The greenfield facility, executed under a single-point EPC (Engineering, Procurement, and Construction) contract, was completed safely across challenging terrain and included a process plant, utilities, and infrastructure systems.

The company's success in minerals and metals spans decades, with projects for Maaden, ArcelorMittal, JSW Steel, and Vedanta. Its global portfolio covers steel mills, alumina refineries, fertilizer plants, and copper smelters—each showcasing its ability to integrate complex technologies and deliver high-performance results.

At the core of L&T's approach is the EPC model, offering clients single-point accountability, cost and schedule certainty, and simplified management. Supported by multi-disciplinary in-house engineers and project specialists, L&T continues to deliver end-to-end, high-value solutions—aligning seamlessly with Saudi Arabia's drive toward sustainable industrial diversification.

► [For more information, visit larsentoubro.com](http://larsentoubro.com)

**GOLD SPONSOR: UCIC GS19**

# UCIC: TOWARDS VISION 2030 AND BEYOND

United Cement Industrial Company (UCIC) has, in a decade, grown from a newcomer into one of Saudi Arabia's sustainability success stories. Founded in 2013 as a cement plant, it demonstrates how local industry can lead, innovate, and compete with regional producers.

In 2025, environmental measurements across the plant confirmed full compliance with national standards, supported by filtration systems, disciplined maintenance, and continuous monitoring. This environmental discipline is matched by a strong focus on quality excellence, ensuring compliance with national and

international product standards. With ISO 50001 added to ISO 9001, 14001, and 45001, UCIC ranks among the most systemized, reliable, and energy-efficient operations in the region.

UCIC's "sea to plant" partnership with Araak Al Qadimah Farm uses treated brine to irrigate aarak trees, transforming saline discharge into harmony between industry and nature. UCIC's green footprint now exceeds 40,000 trees, supported by green cement products representing nearly 40 percent of annual cement dispatches, reflecting the company's clear alignment with the environmental ambitions of Saudi Vision 2030.



Operationally, a new quarry with exceptionally pure raw materials is improving consistency and efficiency, while digital transformation automates activities from pro-

duction and maintenance to HR and supply chain. The roadmap includes a 16 to 20 MW solar plant for cleaner energy, reducing reliance on conventional power, and a roller press to boost capacity while cutting power use and emissions.

On the human front, Saudiization stands above 65 percent, supported by 3,500 to 4,500 training hours a year and Platinum Tier recognition in Wage Protection, confirming a culture of transparency, fairness, and governance.

Today, UCIC is more than a cement producer; it is a symbol of Saudi innovation, proving that sustainability is not an obligation but a strategic opportunity to lead.

► [For more information, visit unitedcement.com.sa](http://unitedcement.com.sa)

**GOLD SPONSOR: HATCH GS16**

## HATCH: ARE YOU LEAVING VALUE ON THE TABLE AFTER THE BUILD?

In metals, energy, and infrastructure, capital projects often steal the spotlight. But once the ribbon is cut, the real work begins. Operations support is frequently seen as reactive—just keeping things running. This mindset overlooks immense value.

Only 10% of an asset's life cycle cost lies in design and construction; the remaining 90% comes from operations, maintenance, and energy. Strategic operations support protects

this investment, extending asset life and enabling smarter decisions. It's the quiet force behind long-term success.

While digital tools and AI promise efficiency, they're only as good as the people behind them. Without deep site-specific knowledge, technology alone falls short. The real differentiator is having the right partners; experts embedded in your operations who understand your ecosystem and bring practical intelligence to every decision.


**GOLD SPONSOR: ALDREES GS05**

## ALDREES: POWERING VISION THROUGH MINERALS EXCELLENCE

Aldrees is proud to serve as a Gold Sponsor of the Future Minerals Forum (FMF) 2026, reinforcing its role as one of Saudi Arabia's leading pioneers in the industrial minerals and raw materials sector. Our participation highlights Aldrees' alignment with the Kingdom's Vision 2030 and our dedication to advancing sustainable growth and innovation in the mining and minerals industry.



Aldrees has been a trusted supplier of high-quality silica sand, limestone, and other essential industrial minerals. Through advanced processing quality control and environmentally responsible operations we continue to strengthen the regional value chain, supporting key industries such as glass, ceramics and foundry manufacturing across the GCC.



At FMF 2026, Aldrees looks forward to engaging with global partners, industry leaders and innovators to explore collaborative opportunities and share insights on the future of mineral processing and industrial sustainability.

We invite all visitors to Stand GS05 to discover Aldrees' latest technologies, investment initiatives and premium mineral products crafted to meet the evolving needs of regional and international industries.

► [Find out more at aldrees-im.com](http://aldrees-im.com)

Take our decades-long partnership with a leading metallurgical organization. Hatch operates a permanent office near one of their complexes, supporting operations and capital initiatives. This embedded model fosters alignment, responsiveness, and trust.

In 2024, we delivered 46 FEL1–FEL3 studies, 45 FEL4 implementations, and over 150 technical assistance mandates. Our structured methodologies consistently reduce total installed costs, often saving up to 20% of the annual capital plan.

Operational intelligence isn't just about fixing problems; it's about designing smarter from the start. Our AI-assisted process control at MMC's Dugald River mine is a prime example: a closed-loop system that models flotation behavior and autonomously selects optimal setpoints in real time.

The future of industrial performance lies in integrated strategies that connect design, operations, and transformation. The leaders will be those who treat operations as a foundation for innovation, choosing partners who bring technical depth, strategic foresight, and a commitment to stand shoulder-to-shoulder through every challenge.

► [For more information, visit hatch.com](http://hatch.com)

**GOLD SPONSOR: S&P GLOBAL MARKET GS01**

## S&P GLOBAL MARKET INTELLIGENCE: UNRIVALLED INSIGHTS AND LEADING DATA AND TECH SOLUTIONS

S&P Global Market Intelligence understands the importance of accurate, deep and insightful information, partnering with customers to expand their perspective, operate with confidence, and make decisions with conviction. Together with S&P Global Energy, our quarterly Critical Minerals Briefing report explores the key narratives and trends across the critical minerals space; the following extracts are taken from the September 2025 edition.

### RARE EARTHS: A YEAR OF DISRUPTION AND TRANSFORMATION

The rare earth sector is at a turning point, marked by intensifying strategic competition. China's recent export controls have exposed global supply vulnerabilities, prompting urgent efforts by the US and allies to localize and diversify supply through innovative measures. While many projects are underway, building resilient, end-to-end supply chains remains a complex, capital-intensive challenge requiring coordinated policy, innovation and long-term investment.

### INNOVATIVE POLICY PATHWAYS FOR CRITICAL MINERAL MARKET RESILIENCE

Building resilient supply chains for critical minerals requires more than capital investment. While funding remains essential, success depends on technical expertise, infrastructure, skilled labor and coordinated policy responses to geopolitical and market risks. Market-based mechanisms are emerging as effective tools to complement public funding by reshaping how minerals are



priced, traded and procured.

Instruments such as contracts for differences, cap-and-floor models and volume guarantees help stabilize prices and reduce investment risk, encouraging private sector participation. Oftake agreements and coordinated purchasing platforms—like the EU's joint procurement initiative—provide a degree of demand certainty and supply security.

### WILL EU, US EMISSIONS POLICY RESHAPE BATTERY METAL DEMAND?

Over the past decade, emissions legislation in Europe and the US has been a key driver of battery-electric vehicle (BEV) adoption, significantly increasing demand for critical battery materials such as lithium, nickel, cobalt and graphite. In the EU, strict CO<sub>2</sub> emissions targets, such as the 95-gram-per-kilometer fleet average introduced in 2021, compelled automakers to accelerate BEV and plug-in hybrid production to avoid penalties. While federal policy has fluctuated in the US, states like California have led with aggressive zero-emission mandates.

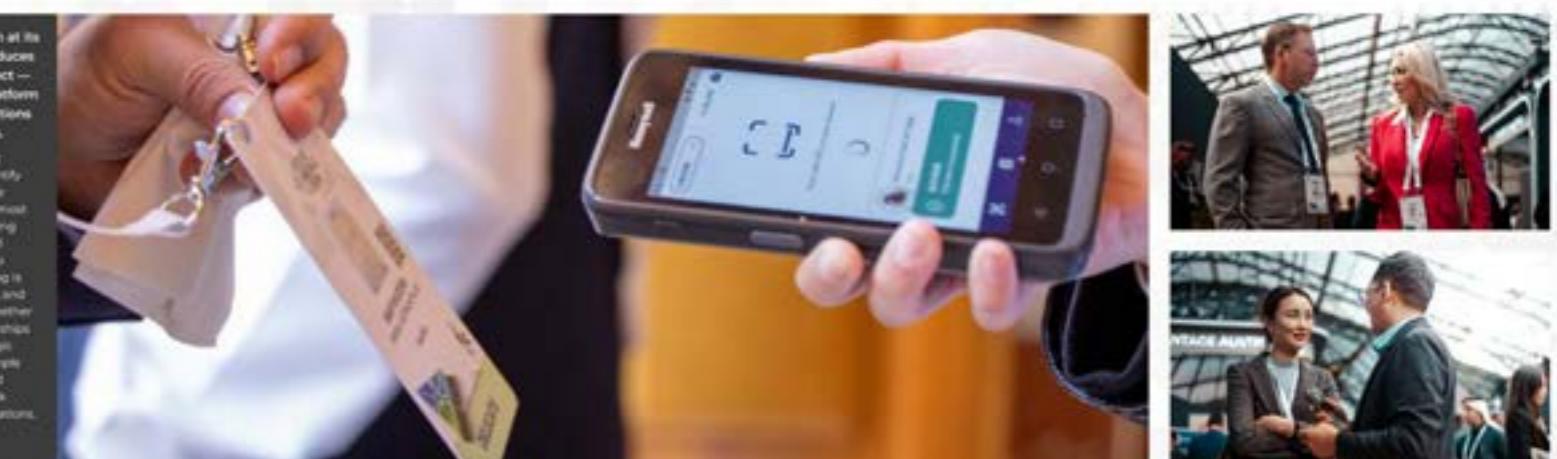
Recent regulatory rollbacks under President Trump have introduced uncertainty, where automakers also face additional trade and tariff challenges. These have global implications, as emissions policy now influences upstream investment decisions in mining and refining—sectors that are capital-intensive and require long lead times.

Despite near-term volatility, the global trend toward electrification remains intact, with China, India and other emerging markets continuing to expand EV adoption. However, the battery metals market remains highly sensitive to policy signals. As demand becomes more fragmented and politically influenced, industry stakeholders are increasingly turning to market-based mechanisms to manage risk, ensure supply security and maintain momentum in building resilient, sustainable supply chains.

► [For more information, visit <https://www.spglobal.com/market-intelligence/en/industries/metals-mining>](https://www.spglobal.com/market-intelligence/en/industries/metals-mining)

### GLOBAL CONNECT: SMART, CURATED, AND BUILT FOR DEAL-MAKING

With collaboration at its core, FMF 2026 introduces FMF Global Connect—an AI-powered platform that turns connections into opportunities.




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