

## 3<sup>rd</sup> Edition of Minerals and Mining Conclave 2025

- *Accelerating Growth for a Sustainable Future*

Friday, 11<sup>th</sup> July 2025, 10.00 am, Kolkata

**“Mining, one of paramount importance, encourage industrial transformation, leading to economic and social prosperity”**



### Introduction:

The minerals and mining industry, being a major economic driver, serves essential raw materials for leading sectors like manufacturing, construction, power, automobiles, infrastructure, etc and hence the growth of the sector is indispensable for the overall industrial development globally. The industry, being one of the major contributors to employment generation and with its significant contribution to economic development, environmental sustainability, etc across the globe, is currently valued at around \$2.1 trillion in 2023 and with an expected CAGR of 6.5 % approximately, it is expected to reach a market size of around 3.5 trillion by 2032, mainly because of increased investments, industrial progress, favourable government policies and other key areas.

The sector has always been a major source of income, especially through mined materials export for many countries, and has been imperative towards economic development of a country. Apart from the existing mining ecosystem, there are opportunities for new mining capacities, especially in the realm of coal, iron ore and critical minerals, leading to a considerable scope for future discoveries of sub-surface deposits. In the near future, both increased demand and exports are projected to play a significant role in driving the mining industry and its significant contribution to global GDP, which is currently valued at USD 5.9 trillion (6.9% of the world's GDP), approximately, would create an avenue for economical, industrial, commercial and societal development.

The mining sector plays a pivotal role towards development of the Indian economy. The sector occupies one of the most crucial positions in the value chain framework, due to its strong presence in mineral resources, especially in West Bengal, which holds a significant position in India's mining sector, contributing to around one fifth of the country's total mineral output, especially coal, and is considered the third largest state in mineral production, due to its immense reserve in Deucha Pachami Coal Block and strong presence of non coal mineral deposits, especially critical minerals in Bankura, Purulia, Birbhum, etc. Apart from West Bengal, there are other key states like Odisha, Jharkhand, Chhattisgarh, Gujarat, etc, which contributes significantly in scaling up the mining industry. Globally, India ranks fifth amongst the mineral producing countries, especially in terms of production and is making strides in the mining of minerals, especially coal, iron ore and critical minerals, which are major contributors for economic growth.

At present, India has strengthened its position in the mining industry and due to its strategic geographical location, enables export opportunities and have a strong presence in the fastest growing Asian markets. The sector, being a major contributor of economic activity in India, contributes around 2-3 % of India's GDP and is considered as the backbone of key sectors like manufacturing, power, infrastructure, etc to name a few. The Government of India with the help of industry stakeholders, has initiated various reforms, particularly through its dedicated policy framework, including the National Mineral Policy for further developments and growth in mining, and to have more prominence and sustainability of the minerals and mining industry for the future, a prime focus has to be given on new business approaches, especially with respect to the development of coal, iron ore and critical minerals mining, enable the sector to play a leading role, encourage economic progress, build up national security and become crucial for strategic interests.

Based on this overarching view, ASSOCHAM is organizing **3rd edition of Minerals and Mining Conclave 2025** focussing on ***Accelerating Growth for a Sustainable Future*** on **Friday, 11th July 2025 at 10.00 a.m. at Kolkata**.

Kindly join us as we propel a vision for developing the minerals and mining fraternity to encourage global industrialization.

Together, we can define the future of mining with the help of innovative concepts, digitization, technological advancements, solutions, etc which would help in transformation of business for a better future. It is now time to collaborate, show leadership, and pioneer change.

The conclave brings together senior government officials, top industry leaders, Startups, MSMEs, etc from the mining sector to discuss policies, practices, business developments, management strategies, etc., to strengthen the entire spectrum of minerals and mining.

### **Objectives:**

- To showcase the region as a vibrant minerals and mining hub, particularly in the realm of coal, iron ore and critical minerals, and what are the developments to be considered to give it a status of a potential investment destination in the long run.
- To showcase the pros and cons of mining industry and identify steps to prepare an actionable roadmap to make mining vital for economic growth.
- To focus on the benefits and drawbacks of industrial applications of minerals, especially coal, iron ore and critical minerals, and to consider measures to be undertaken to make the industry more sustainable and better for the future.
- To bring on board the best practices, initiatives, activities, techniques, research & developments, innovations, etc related to mining safety, mining operations and give impetus on scientific mining, which would act as a spur to scale up the value chain for industrial development and growth.
- To highlight the principles and significant contribution of ESG, Circular Economy, and CSR in the minerals and mining industry, with special emphasis on Green Mining, leading to a sustainable mining ecosystem.
- To showcase policies, schemes, initiatives and activities, including incentives, tax holidays, streamlined regulatory processes, etc of Government, starting with exploration to mine closure, leading to further development and growth of the mining industry.
- To promote digitalization and technological advancements in mining, and to create awareness on Industry 5.0 and its importance, leading to sectoral development, with a prime focus on sustainability.
- To bring together stakeholders from government and industry to understand the opportunities and challenges of minerals supply, and identify measures to be taken to have a sustainable supply chain framework in place, followed by a viable, resilience and responsible value chain.

- To identify actionable measures for a systematic mining process in place, development and conservation of minerals, etc which would help to boost availability of minerals, leading to good inventory for economic gain.
- To highlight and understand the importance and strategy of mining, especially coal, iron ore and critical minerals mining for environmental sustainability, economic growth, societal development, technological progress, etc and focus on prioritizing the security of mineral deposits, as they have long term economical, commercial and social value to industry.
- To discuss and exchange knowledge on the regulatory landscape, latest advancements, emerging trends, opportunities and challenges, etc related to mineral processing, including mineral beneficiation, with a prime focus on optimizing efficiency and enhancing productivity.
- To showcase the importance of startups/MSMEs in minerals and mining and identify steps to nurture them, leading to sectoral development in the region.
- Last but not the least, to provide guidance and support to industry, particularly the downstream units, enable them to have a strong foothold in industry, with minerals and mining sector in particular.

### **Topics to be Covered:**

- Excellence in mining operations, with a prime focus on ESG, green mining, circular economy, CSR, etc - A step forward for globalization.
- Importance of minerals, especially coal, iron ore and critical minerals, for economic development, environmental sustainability, and national security.
- Sustainable mining framework leading to a paradigm shift – Sharing of best practices, initiatives, activities, research and development, innovations, etc.
- Digitalization and technological advancements – A key driver for development and growth of mining.
- Focus on minerals supply – Leading to an established supply chain model followed by a well equipped value chain.
- Regulatory updates and policy changes - Leading to sustainable mining operations.
- An insight into mineral processing – A step forward for better mining productivity.
- Industry 5.0 and sustainability in mining – Leading to a greener future.
- Importance of Startups/MSMEs – Leading to a new frontier for advancement in minerals and mining.
- Key assistance to industry, especially the downstream/ancillary units, enable them to strengthen their base in mining.

### **Target Participants:**

The conclave is designed for senior and mid level executives, pertaining to large scale corporates, startups/MSMEs, etc from mining and mining & mineral processing equipment manufacturing and allied sectors like Managing Directors, Presidents, Senior Vice Presidents, Vice Presidents, Directors, Managers, Superintendents, Supervisors, etc, then government, policy makers and regulators, industry leaders, innovators, specialists/experts, engineers, including mining engineers, miners, business entrepreneurs, consultants, investors, exporters/importers, R&D researchers, mining service providers, consumers, research and academic institutes, international organizations, civil societies and others, as relevant.

### **Session Deliverables:**

- Knowhow on the present scenario of minerals and mining industry, particularly with respect to coal, iron ore and critical minerals, and what are the measures to be taken to make it globally competitive in the near future.
- Apprise on significant contributions, made by government towards efficient mining operations.
- Exposure to best practices, pioneering initiatives and activities undertaken for scaling up mining operations and related activities.
- Formalize an effective action plan, focussing on digitalization and technological advancements, responsible value chain, security of mineral deposits, expansion of mining efforts, strengthening business linkages, joint ventures, international collaborations, etc which would contribute towards building a strategy on minerals and mining.

- Detailed understanding on mineral processing, making mineral resources commercially viable and profitable.
- Raise awareness on Industry 5.0, leading to a more sustainable and efficient approach to mining.
- Last but not the least, the platform would deliver on the contribution of downstream industries and provide knowledge on what are the measures to be taken for further developments and growth of startups/MSMEs in mining.

## Partnership Opportunity:

The conclave provides a host of sponsorship, branding and advertising opportunities, suited to meet your brand objectives. From thought leadership positioning, networking opportunities to high visibility branding and advertising campaigns, our packages are designed to maximize benefits and ensure high returns on your investments. The partnership deliverables are enclosed along with this brochure. Be at the forefront to make this conclave a grand success.

## Glimpses of Past Event





**For any further clarification(s), please contact undersigned:**

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