



# AMM CONGRESS

# PROGRAMME

**13th ASTANA MINING & METALLURGY CONGRESS**

1 - 2 June 2023 · Astana, Kazakhstan



## GOLD PARTNERS



## BRONZE PARTNERS



Metso:Outotec



CONGRESS ACTIVITIES PROGRAMME

MAIN TOPIC: GREEN TECHNOLOGIES: SUSTAINABLE DEVELOPMENT MODELS FOR MMC COMPANIES

JUNE 1 (DAY 1) – TECHNICAL SESSIONS

9.00 a.m. – 10.00 a.m.	Registration of participants			Hilton Astana
10.00 a.m. – 4.00 p.m.	<b>B2B and B2G meetings</b>			Networking area
10.00 a.m. – 1.30 p.m.	10.00 a.m. – 11.30 a.m.			
Astana Hall	Hall 1	Press center	Park Kitchen restaurant	
<b>IV Coal Forum</b>	<b>Geology</b> “The mechanisms for the provision of fields, respect for environmental norms and introduction of the most up to date technologies”	<b>Mining</b> “Innovative methods for the efficient and safe exploitation of tailings dams”	<b>PR Breakfast</b> “Strategic and corporate communications from the leaders of the MMC”	
	11.30 a.m. - 12.00 p.m.	Coffee break		
	12.00 p.m. – 1.30 p.m.			
	Hall 1	Press center	Amphitheatre AMM	
	<b>The digitalisation of underground mining</b>	<b>Prospects for the development of mineral fertiliser deposits</b>	<b>AMM Tech</b> "Innovation, technology and great ideas"	
1.30 p.m – 3.00 p.m.	Lunch			
2.30 p.m. – 4.00 p.m.				
Astana Hall	Hall 1	Press center		
<b>Round table</b> Human resources and social responsibility	<b>Enrichment</b> “Intellectual industry and enrichment: increasing productivity, developing production”	<b>GR meeting</b> "Environmental and social economic challenges - dangers or opportunities?"		
4.00 p.m. – 4.30p.m.	Coffee break			
4.30 p.m. – 6.00 p.m.				
	Hall 1	Press center		
	<b>Special session</b> “Mining in Kazakhstan: a truly intergenerational connection” <i>With the participation of MMC industry veterans</i>	<b>Investment cooperation</b> “Investing in rare and rare-earth metals in Kazakhstan: benefits and risks” <b>Session Partner: Kazakh Invest</b>		

## JUNE 2 (DAY 2) – STRATEGIC SESSIONS

8.00 a.m. – 9.00 a.m.	Registration of participants			Hilton Astana
9.30 a.m. – 10.00 a.m.	VIP-tour of the exhibition			
10.00 a.m. – 11.00 a.m.	<b>Plenary session</b> “Sustainable business models for companies on the way to the decarbonization of production”			Astana Hall
11.00 a.m. – 11.30 a.m.	Press conference			Press center
11.00 a.m. – 11.30 a.m.	Coffee break			
11.30 a.m. – 1.30 p.m.	Strategic session “New logistics routes for MMC's global goals”			Astana Hall
1.30 p.m. – 2.30 p.m.	Lunch			
2.30 p.m. – 4.00 p.m.				
Astana Hall	Hall 1	Press center	Amphitheatre AMM	
<b>III Forum of Gold Producers of Kazakhstan</b>	<b>Panel session</b> “The best examples of social responsibility through the prism of sustainable development: regions and companies”  <b>Session partner:</b> Kazakhstan ESG Club	<b>Critical minerals</b> “Global collaboration in field of critical minerals”	Inspiring and informative stories of leaders to learn from	
4.00 p.m. – 4.30 p.m.	Coffee break			
4.30 p.m. – 6.00 p.m.				
Astana Hall	Hall 1	Press center	Amphitheatre AMM	
<b>III Forum of Gold Producers of Kazakhstan</b>	“Improving legislation in the MMC” <i>With participation of CRIRSCO</i>	<b>Green metals</b>	Inspiring and informative stories of leaders to learn from	
7.00 p.m. – 10.00 p.m.	<b>Award Ceremony of the National Industry Competition “Golden Hephaestus”</b>			

## EXTENSIVE PROGRAMME OF FORUM (22 PAGES)

### JUNE 1 (1 DAY) – TECHNICAL SESSIONS

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## Coal Forum

- Coal chemistry
- Decarbonisation, green steel

Technological solutions that work

***Draft programme is expected from Forum Partners\****

## Geology session “The mechanisms for the provision of fields, respect for environmental norms and introduction of the most up to date technologies”

- Mechanisms for providing deposits to new market players
- Experience of junior companies
- Concept of geological industry development until 2021-2025 – intermediate results and plans
- How will the geological industry develop in the future?

**Moderator:** foreign expert\*

**Speakers:**

**Edson Ribeiro** – CRIRSCO Chairperson, Vice President Exploration, VALE

**Yeldar Tagash** – Acting Chairman of the Board of Qazgeology JSC

**Galym Nurzhanov** – General Director of Kazakhmys Barlau LLC

**Harry Wright** – General Director of Rio Tinto Exploration Kazakhstan LLP

**Junior company\***

## Mining works session

# “Innovative methods for the efficient and safe exploitation of tailings dams”

- Geographical information systems for underground mining
- Processing of enrichment tailings

### **Moderator:**

### **Key Speakers:**

**Johan Barnard** – Technical Director, KAZ Minerals Group

**Bruno Oberle** – Chair of the Global Tailings Review  
of the Global Industry Standard on Tailings Management (GISTM)

## PR – breakfast “Strategic and corporate communications from the leaders of the MMC”

- How do strategic corporate communications work in large companies in the industry?
- Corporate culture and internal communications

**Moderator:** Aida Dossayeva – Independent Director of JSC Kazinform and JSC Qazkontent

**Co-moderator:** Syrym Itkulov – Editor-in-Chief of Arbat Media

**Speakers and participants:**

**Fatima Kosayeva** – Corporate Communications Director of Eurasian Group LLP

**Evgeny Fominykh** – Head of community relations department of Kazzinc LLP

**Expert** of ArcelorMittal Temirtau JSC

**Anara Saurbekova** – Head Of Corporate Communication of JSC Altyntalmas

**Zarina Bakenova** – General Manager of Government and Community Relations, NCOC

**Aina Zhetpisbayeva** – Government Relations Department of Caspian Pipeline Consortium-K JSC

**Darmen Aronov** – General Manager of Government and Community Relations of Tengizchevroil

**Максут Жапабаев** – Руководитель департамента корпоративных связей группы KAZ Minerals

**Expert** from Kazakhmys Corporation LLC

**Igor Shevalovsky** – Director of the Directorate for Information and Social Policy of Polymetal International



## AMM TECH

- Innovations in decarbonisation
- BAT (Best Available Technique)
- TMF (Technogenic Mineral Formations)

## Session on the digitalisation of underground mining

\*the session will be based on the results of a study that aims to identify the main difficulties and problem areas for companies in the sector on the topic

- Underground Private LTE organisations
- Announcement of the study results
- Demonstration of solutions during the session (geo-positioning underground, anti-hitting and others)

**Moderator:** Vyacheslav Khvan - Director of Key Accounts of Beeline Kazakhstan

**Speakers and participants:**

Representatives of MMC companies (production department)

Representatives of associations (IDC\*)

**Guests, listeners and discussants:**

representatives of MMC's IT sector (CIOs, heads of digital transformation)

## Human resources and social responsibility

- Social responsibility of MMC companies
- Modernisation of working conditions assessment: transformation of certification of production facilities into an assessment of occupational risks
- New Social Code of the Republic of Kazakhstan

**Moderator:** \*

**Speakers:**

**Nikolay Radostovets** – Executive Director of the Republican Association of Mining and Metallurgical Enterprises ALE

**Bakhyt Manasbayeva** – Deputy Executive of the Republican Association of Mining and Metallurgical Enterprises ALE

*Speech on: "Social Responsibility of MMC Enterprises"*

**Tamara Duisenova** – Minister of Labor and Social Protection of the Population

*Speech on: "The New Social Code of the Republic of Kazakhstan"*

**Olzhas Ordabayev** – Vice Minister of Labour and Social Protection of Population of the Republic of Kazakhstan

*Speech on: "The new Law of the Republic of Kazakhstan on Professional Qualifications"\**

**Sayasat Nurbek** – Ministry of Science and Higher Education of the Republic of Kazakhstan

**Sholpan Abikenova** – General Director of the Republican Research Institute of Occupational Safety and Health

## ENRICHMENT SESSION

# “Intellectual industry and enrichment: increasing productivity, developing production”

- Recycling of TMFs (technogenic mineral formations)
- Digitisation of enrichment plants - using mechanical intelligence
- BAT

**Moderator: \***

**Keynote speakers:**

**Wood Mackenzie expert**

**METSO expert**

**Representatives of mining enterprises**

## GR meeting “Environmental and social economic challenges - dangers or opportunities?”

- Communication with government bodies - make contacts and channels
- Environmental and social economic challenges facing the mining industry
- Regulatory policy
- Changes in the legislation

**Moderator:**

**Aizhan Khamitova** – Expert in the field of interaction with stakeholders

**Приветственное слово:**

**Ильяс Оспанов** – Vice-Minister of Industry and Infrastructure Development of the Republic of Kazakhstan

**Speakers:**

Representative of the National Chamber of Entrepreneurs of the Republic of Kazakhstan  
“Atameken”\*

*Challenges for business under the new environmental code - problems and solutions*

Bank representative

*Practices for dealing with suppliers - resolving labour conflicts*

Counsellor

*About general problems in the sector, what experts on cooperation with government bodies should look out for in the near future, recommendations on labour conflicts*

## **Special session “Mining in Kazakhstan: a truly intergenerational connection”**

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## Investment cooperation “Investing in rare and rare-earth metals in Kazakhstan: benefits and risks”

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## «Prospects for the development of mineral fertiliser deposits»

- Prospects of development of mineral fertilized deposits: phosphorus, nitrogen, potassium

**Among the speakers:**

**Representative of SIMSA\***

**Representative of Nutrient\***

## Plenary session “Sustainable business models for companies on the way to the decarbonization of production”

- Global business transformation processes of key industry enterprises
- Leaders' strategies for decarbonisation of production
- The course for the advanced development of the MMC – what should we do for this?

### **Moderator:**

**Dan Murphy** - Correspondent of CNBC, UAE

### **Speakers:**

**Alikhan Smailov** – Prime Minister of the Republic of Kazakhstan

**Maroš Šefčovič** – Vice-President of the European Commission

**Andreas Kuhlmann** – CEO of the German Energy Agency DENA, Germany

**Edson Ribeiro** – President of CRIRSCO, Vice President of VALE, Brazil

**Benedict Sobotka** – CEO of Eurasian Resources Group

**Andrew Forrest** – Chairman of Fortescue Metals Group, Australia

**Gary Nagle** – CEO of Glencore



## Strategic session “New logistics routes for MMC's global goals”

- New transport corridors for MMC enterprises

**Moderator:** ALE “International Association “Trans-Caspian International Transport Route”

**Speakers:**

**Nurlan Sauranbayev** – Chairman of the Managing Board of “International Association “Trans-Caspian International Transport Route”

**Nikolay Radostovets** – Executive Director of the Republican Association of Mining and Metallurgical Enterprises ALE

**Vladimir Yablonsky** – General Director of JSC ArcelorMittal Temirtau

**Rauf Veliyev** – Chairman of CJSC Azerbaijan Caspian Shipping

**Cameco\***

Batumi Sea Port Ltd

CJSC Azerbaijan Railways

Tranco JSC / DAR RAIL LLP / TransCom Transportation Group

## III Forum of Gold Producers of Kazakhstan

- Jewellery industry - what has been the impact of changes in the tax payment procedure?
- Gold - as a strategic investment
- The situation in global markets

*Draft programme is expected from Forum Partners\**

## “The best examples of social responsibility through the prism of sustainable development: regions and companies”

- Trends in the use of digital solutions for ESG transformation
- Company contribution to the development of the region - the role of city-forming enterprises
- How do the global community and residents of the region perceive this contribution?
- What are we moving towards?

### **Moderator:**

**Yulia Yakupbayeva** – Partner of GPI Group of Companies, co-founder of the National ESG Club

### **Welcome speech:**

**Alibek Kuantyrov** – Minister of National Economy of the Republic of Kazakhstan  
(video message)

### **Participants of the panel session:**

**Ruslan Sultanov** – Chairman of the Management Board of Economic Research Institute JSC

### **ERG**

*"Tugan kala (hometown)" group program*

### **AK Altynalmas JSC**

*(case of Stepnogorsk, which placed 4th in the ranking of cities and showed high scores in the satisfaction index of the quality of life)*

**Brendan Duprey** – Founding Director of the Sustainable Kazakhstan Research Institute (SKRI), a Associate Professor of “Society, Technology and the Environment” and Associate Professor of “Sustainable Development” at Narhoz University

**Vladimir Yablonsky** – General Director of JSC ArcelorMittal Temirtau

Representative of the population in Almaty or Karaganda  
*participation in the "School for Active Citizenship" programme*

## Critical minerals “Global collaboration in field of critical minerals”

- Strategy and expertise of international partners on critical minerals
- Potential for cooperation

**Moderator:** Expert from the UK Department for International Trade (DIT)

**Speakers:**

**Directorate-General of the European Commission**

**Reimar Seltmann** – First Head of the Centre for Russian and Central EurAsian Mineral Studies (UK, London)

**Geoff Townsend** – Founder of the Critical Minerals Association (UK, London)

**Partner Association (USA)**

## Improving legislation in the MMC with CRIRSCO

- Principles of corporate taxation - what will change for MMCs?
- Problems faced by subsoil users in enforcement of: 1. Subsoil Code (problems and proposals of business entities (hereinafter BE)); 2. Environmental Code (problems and proposals of BE); 3. Land Code (problems and proposals of BE) and other legislative acts

### **Moderator:**

**Roman Yurtaev** – Partner of EY's Tax & Legal Services Department

### **Speakers:**

Representative of the Ministry of Finance of the Republic of Kazakhstan

Representative of the Ministry of National Economy

Representative of the Professional Association of Independent Experts in Subsoil Use

Representative of KAZRC

Representative of ERG Exploration

JSC Kazgeology

Representative of Kazakhmys Corporation LLP

Representative of JSC Altynalmas