



EUROPE 2024

**The 8th MINEX Europe
Mining and Exploration Forum**
“Securing Europe’s metals and minerals supply”

**22-23 October 2024
Prague, Czech Republic**



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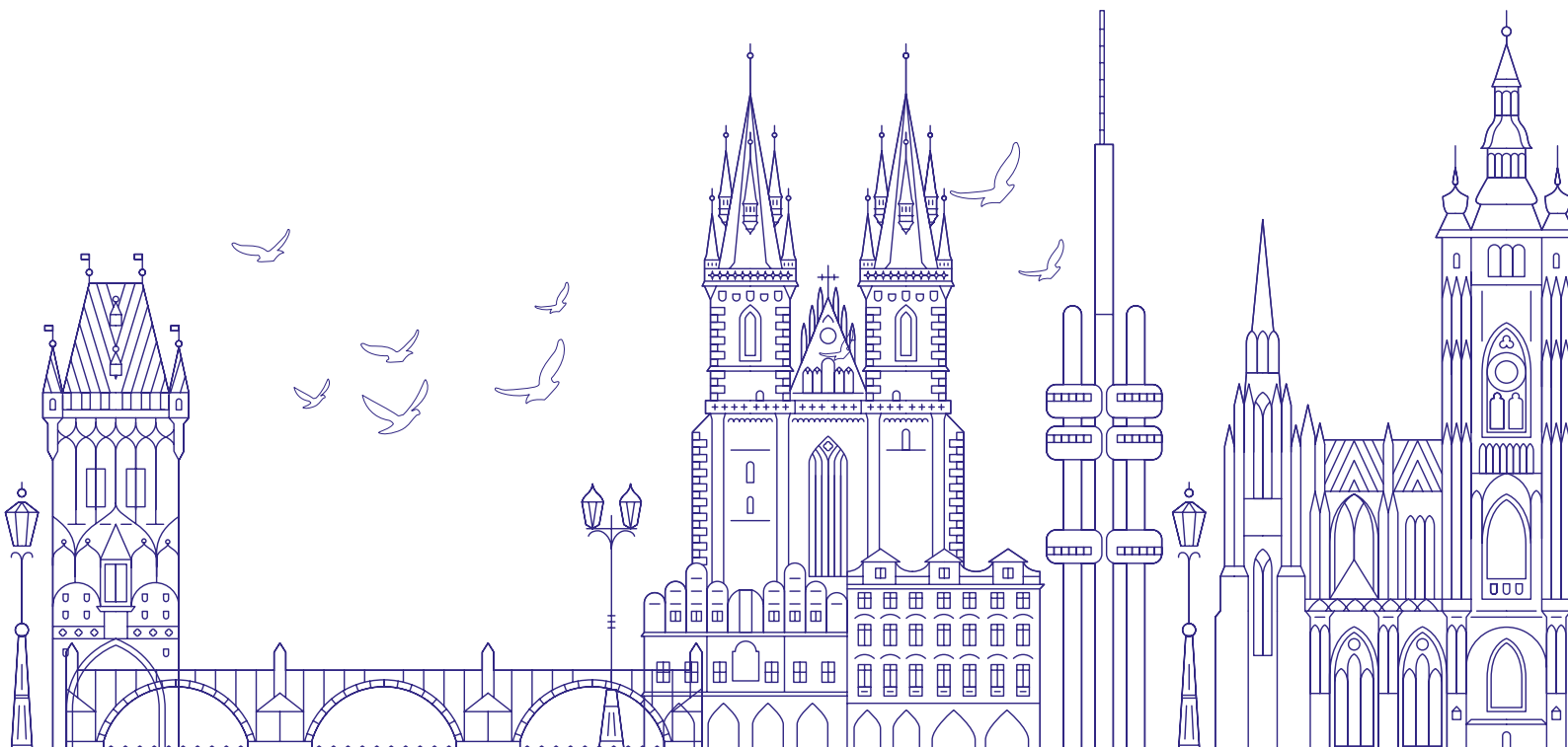
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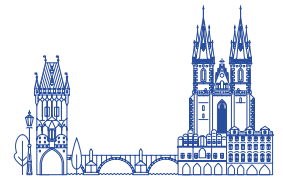


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22 October (Tuesday)

08:30 - 09:30

Coffee break sponsor – Bara Consulting



Gallery

Welcome coffee

Registration

09:30 - 11:00

Ballroom

Session 1

Driving Europe’s Raw Materials Independence

Fostering new collaborations to de-risk and redesign responsible mineral value chains.

Moderator

Mark Rachovides

President Emeritus. Euromines

Presenters

09:30

The Critical Raw Materials act and beyond

Mark Rachovides

President Emeritus. Euromines

09:45

Balancing Resources and Responsibility: Towards Sustainable Mining in Portugal

Maria João Pereira

Secretary of State for Energy of Portugal
Ministry of Environment and Energy of Portugal

10:00

Perspectives of the mining industry of the Czech Republic

Jaroslav Reif

Head of Department of State Mineral Policy
Ministry of Industry and Trade of Czech Republic

10:15

The UK’s approach to critical minerals and mining: strengths and opportunities

Oliver Richards

Head of Critical Minerals and Mining (International)
UK Department for Business and Trade

10:30

Unlocking regional value chains - from geology to industrial ecosystems

Aleksi Salo

Account manager. GTK Geological Survey of Finland

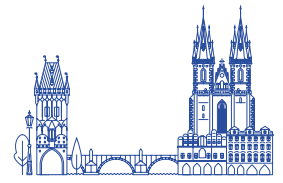
11:00 - 11:30

Coffee break sponsor – Bara Consulting



Gallery

Mid-morning coffee break



22 October (Tuesday)

11:30 - 13:00

Ballroom

Session 2

Revitalising Mining in Europe

Leveraging Resources and Trusted Partnerships

Moderator

Kruthika Anastasia Bala

Managing Director. Resources Now

Presenters

11:30 2050 Mining Scenarios

Vitor Correia

Secretary-General. International Raw Materials Observatory

11:45 Building Transparency in Critical Mineral Supply Chains:
Global Supply Chain Observatory

Garry Clawson

Global Supply Chain Observatory Lead. University of Cambridge

12:05 The Critical Role of Cross-Industry Collaboration in Overcoming
Sustainability Challenges in European Mining

Kruthika Anastasia Bala

Managing Director. Resources Now

12:20 Sourcing Mining’s Social License to Operate: Needs and Opportunities
to Increase Local Procurement

Caroline MacIsaac

Programme Officer. Engineers Without Borders Canada

12:35 Responsible Mining - A Balanced Approach to Mineral Resource Reporting

Robert Goddard

Principal Resource Geologist. SRK Consulting UK

12:40 Responsible Mining - A Balanced Approach to Mineral Resource Reporting.

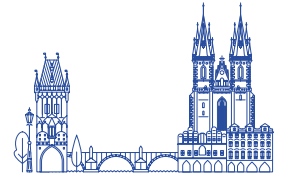
Emily Harris

Principal Consultant (ESG). SRK Consulting UK

13:00 - 14:00

Restaurant

Lunch



22 October (Tuesday)

14:00 - 15:30

Ballroom

Session 3

From Opportunity to Ore

Challenges and lessons learnt of converting a Mineral Resource to a Mineral Reserve and an Operating mine.

Moderator

Dominic Roberts

Executive Chairman. Black Dragon Gold

Presenters

- 14:00 Critical Raw Materials projects in DIAMO
Ladislav Pašek
Deputy Director for Raw Materials and Strategy. Diamo state enterprise
- 14:15 High purity manganese products from the Chvaletice tailings
Jan Votava
Managing Director. MANGAN Chvaletice
- 14:30 From Ore to Opportunity - Geo-metallurgy's Critical Role in Achieving Net-Zero
Dominic Roberts
Executive Chairman. Black Dragon Gold
- 14:45 Avrupa Minerals Ltd. Drilling in Portugal, Kosovo, and Finland
Paul Kuhn
President/CEO. Avrupa Minerals
- 15:00 Early-Stage Exploration and the CRMA
Jack Tait
Sustainability Associate. Kingsrose

15:30 - 16:00

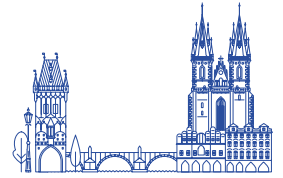
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Gallery

Afternoon coffee break





22 October (Tuesday)

16:00 - 17:30

Ballroom

Session 4

Bridging the gap between miners and financiers

Realities and opportunities of speeding up funding of raw materials projects in Europe.

Moderator

Neil Newing

Partner. Signature Litigation

Panel

EBRD Junior Miners Programme (JUMP)

Michael Zlobin

Equity Portfolio Manager, Natural Resources. EBRD

Stephan Pueschel

Co-Head Metals & Mining. KfW IPEX-Bank

Mark Rachovides

President Emeritus. Euromines

Bernhard Maier

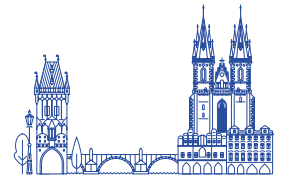
Professor. Signature Litigation

17:30 - 19:30

Gallery

Networking drinks





23 October (Wednesday)

09:00 – 09:30

Gallery

Morning coffee

09:30 - 11:00

Ballroom

Session 5

Net Zero pathways for mining Green Tech Metals and Circular Economy

Igniting decarbonisation action for the Net Zero mines of the future. Strengthening Europe’s net-zero technology materials supply ecosystem from mines to manufacturing. The present and the future of Europe’s battery production to replace dependency on fossil energy. Technologies, projects and practices intended to shift the mining industry’s impact on landscapes and resources, from repurposing post-mining territories to potential changes from increased e-waste recycling.

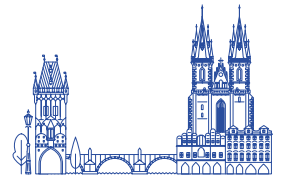
Moderator

Richard Elmer

Director. Knight Piésold

Presenters

- 09:30 Mines and Emissions - Current status and future impacts
Jason Holden
Senior Mining Analyst. S&P Global Commodity Insights
- 09:45 The Future of European Battery Supply Chains
Andrew Leyland
Managing Director. SC Insights
- 10:00 Mine Design for Climate Change
Andrew Bamber
Managing Director. Bara Consulting
- 10:15 recomine - Technologies for a Circular Economy in the Mining Sector
Philipp Büttner
recomine Coordinator. Helmholtz Institute Freiberg for Resource Technology
- 10:30 Improving mine safety whilst reducing energy use with Ventilation on Demand
John Curran
Sales Leader, Mining, EMEA Region. Howden, a Chart Industries company



23 October (Wednesday)

11:00 - 11:30

Gallery

Mid-morning coffee break

11:30 - 13:00

Session sponsored by ERM



Ballroom

Session 6

Sustainable mining and rehabilitation in action

Re-thinking mining and post-mining remediation. Innovative approaches towards sustainability.

Moderator

Irene Bopp

Partner. ERM

Presenters

11:30

Strategic Mine Water Management: Unlocking New Opportunities

Philippa Heaney

Principal Technical Consultant - Hydrogeologist. ERM

11:45

Tailings: Reduce, Reuse, Remine

Richard Elmer

Director. Knight Piésold

12:00

Remediation works at DIAMO state enterprise focused on water treatment

František Toman

Deputy Director for Ecology and Remediation. DIAMO state enterprise

12:15

Risk assessment of sustainable mining and rehabilitation

Sergei Sabanov

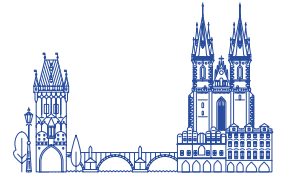
Associate Professor. Nazarbayev University, School of Mining and Geosciences

Panel

Philipp Büttner

recomine Coordinator

Helmholtz Institute Freiberg for Resource Technology



23 October (Wednesday)

13:00 - 14:00

Restaurant

Lunch

14:00 - 15:30

Ballroom

Session 7

Revolutionising the Mining Industry operational models with new technologies

What an Artificial Intelligence and Cloud Computing are Transforming Mineral Supply Chains, Driving Unprecedented Efficiency and Speed in All Aspects of Mining.

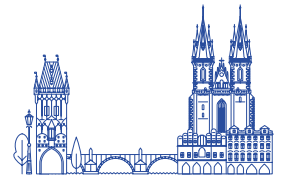
Moderator

Robert Goddard

Principal Resource Geologist. SRK Consulting UK

Presenters

- 14:00 Innovative solutions to improve production and energy efficiency of minerals processes
Esko Tahkola
Business Development Manager, Europe. CiDRA Minerals Processing
- 14:15 Mechanical mining technologies in minerals and hard rock mines.
Bartłomiej Wydra
Sales and Development Manager Hard Rock, Crushing and Minerals
Komatsu Mining Technology (Joy Global Sp. z o.o.)
- 14:30 Dispatching of Mining Transport
Hynek Kovar
Head of Chinese division. Ferrit
- 14:45 Glycine Leaching Technology
Adilbek Rustemov
Eurasia Technology Leader. Draslovka
- 15:00 Czech Mining Technology Association - Tradition & Know-How in Mining and Mineral Resources Processing, Energy, Ecology
Barbora Veličková
Executive Director. Czech Mining Technology Association



23 October (Wednesday)

15:30 - 16:00

Gallery

Afternoon coffee break

16:00 - 17:30

Ballroom

Session 8

Fostering exploration success in Europe with the cutting edge technologies

Innovative solutions for mineral exploration helping to transform Europe into a sustainable resource-efficient and competitive economy, while tackling environmental and climate-related challenges.

Moderator

Vitor Correia

Secretary-General. International Raw Materials Observatory

Presenters

16:00 Persephone - Autonomous Exploration and Extraction of Deep Mineral Deposits

Marko Komac

Board Member - Treasurer. INTRAW Observatory

16:15 The Multi-source and multi-scale Earth Observation and novel machine learning methods for mineral exploration and mine site monitoring: the MultiMiner project

Veronika Strnadova

Senior Researcher. Czech Geological Survey

16:25 Earth Observation techniques for MINE life cycle monitoring using ML-based data fusion approaches: the MINEYE Project

Veronika Strnadova

Senior Researcher. Czech Geological Survey

16:35 Hyperspectral imaging in geology and mining: from satellites to core analysis.

Vitaliy Yurchenko

Business Development Manager. Norsk Elektro Optikk

16:50 Hyperspectral imaging in geology and mining: from satellites to core analysis.

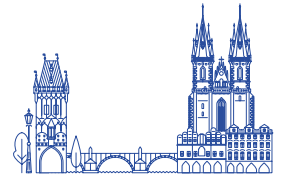
Vitaliy Yurchenko

Business Development Manager. Norsk Elektro Optikk

18:30 - 20:30

Brewery and Restaurant U Fleků

Gala dinner



Gala Dinner



at Prague’s oldest Beer Restaurant
dating back to 1499

When: from 19:00 on Wednesday
23 October

Where: Brewery and Restaurant U Fleků,
Křemencova 11, 110 00 Nové Město,
Prague

Getting there:

Delegates will be taken to the restaurant by coach or can travel independently. The restaurant is located in the heart of the old town across the Vltava River approximately 6 km away from the The Grand Hotel International Prague (20-30 minutes by taxi).

Dress code: Casual

What to expect: Private dinner (by invitation only) will be accompanied by live music.

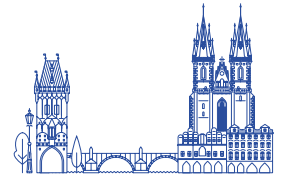
Interesting facts

The U Fleků brewery, located in Prague, has a rich history dating back to 1499.

Here are some key points:

Continuous Brewing Tradition:
U Fleků is one of the few breweries in Central Europe that has been brewing beer continuously for over 500 years. Despite being nationalized during the communist era, the original owners, the Brtník family, regained control of the brewery and restaurant in 1991 after the fall of the regime.





VISIT TO DIAMO, A STATE-OWNED ENTERPRISE IN STRÁŽ POD RALSKEM

24
October
Thursday



Location:

113 km north of Prague (1.5h driving time)

Visit duration:

10 hours (3-4 hours visit and meetings, 1 hour lunch, 3 hours coach transfer)

About

o. z. TÚU is managed by DIAMO, a state-owned enterprise based in Stráž pod Ralskem, is responsible for managing the environmental impact of past uranium, ore, and coal mining activities in the Czech Republic.

Read more about o. z. TÚU <https://www.diamo.cz/en/tuu>

Visit topics

Optimal remediation strategy and principles of remediation technologies.

Conceptual models and risk assessment.

Selection and evaluation of rehabilitation parameters.

Technological processes of remediation of groundwater affected by uranium mining by underground leaching