



Sachtleben Bergbau
Verwaltungs-GmbH

TRACTO

Day 1	11. September 2024 · 9:00 am – 5:00 pm
GEOPOLITICS IN RAW MATERIALS SUPPLY - EUROPEAN AND GERMAN ASPECTS	
09:00	Welcome and introduction (EurGeol. Dr. Michael Neumann, chairman)
09:30	The BDG and the Raw Material Policy (Prof. Dr. Christoph Hilgers, President BDG, Bonn)
10:00	Chinese view on raw materials, cooperation for more than opportunities · (Prof. Dr. Meng Wang)
10:45	The Raw Material Policy of Austria · (Dr. Robert Holnsteiner, Dep. of Raw Materials Policy, Fed. Min. of Finance, Vienna, Austria)
11:30	Coffee break
11:45	The BMW Supply Chain - From Mine to Car (Marie-Theres Kügerl, BMW Group, Munich)
12:30	Promotion of raw material exploration and mining in Europe · (EurGeol. Vítor Correia, INTRAW, Brussels, Belgium)
13:00	Lunch break
14:15	German raw materials policy from the industry's perspective (Christoph Petri, Deutsche Industrie- und Handeskkammer (DIHK), Referatsleiter für Umwelt- und Rohstoffpolitik, Berlin)
14:45	Wide subsurface potential for a successful transformation in Germany – and why policy makers are struggling with it (Dr. Ludwig Möhring, BVEG, Hannover)
15:15	E S G - Aspects Concerning the European Supply with Critical Minerals? · (Dr.-Ing. Frank Leschhorn, Munich Mining International)
15:45	Coffee break
16:00	Project Communication in Mining and Exploration (Dr. Stefanie Walter, Lots* GmbH, Leipzig)
16:30	EU Project: GSEU Geological Surveys for Europe, Critical Raw Materials for Europe / UNFC · (Dr. Antje Wittenberg, BGR, Hannover)
18:00	Dinner · Sauerland-Pyramiden (Tracto-Technik)



Sachtleben Bergbau
Verwaltungs-GmbH

TRACTO

Day 2

12. September 2024 · 9:00 am – 6:00 pm

NEW DEVELOPMENTS IN THE EUROPEAN AND GERMAN MINING BUSINESS

09:00	Welcome and introduction (EurGeol. Dr. Michael Neumann, chairman)
09:10	Mineral resources of Ukraine and EU pathway under Russian aggression · (N.N., Institute of Geochemistry, Mineralogy and Ore Formation National Academy of Sciences of Ukraine)
09:55	The Mineral Potential of the Czech Republic · (Martin Netoušek, Czech Association of Economic Geologists (CAEG), Prague, Czech Republic)
10:25	Geology and exploration potential of Ni-Cu-PGE mineralization in the Lausitz region, Saxony · (Dr. Tom Járóka, LfULG Sachsen, Freiberg)
10:55	Coffee break
11:20	Industrial minerals – case study of Valbrenbilla underground quarry (EurGeol. David Govoni, EFG, President, Brussels, Belgium)
11:50	Exploration for Kupferschiefer Deposits in Thuringia (Sebastian Stelter, Kupfer Copper Germany GmbH, Eschborn)
12:20	The Spremberg Deposit (Blas Urioste, KSL Kupferschiefer Lausitz GmbH, Spremberg)
12:50	Lunch break
14:10	Natural Hydrogen - An Unknown Commodity (EurGeol. Glen Burridge, Glen Burridge & Ass. Ltd., London, UK)
14:40	Digitalisation in the geosciences using the example of drone use in geology · (Dr. Richard Gloaguen, Helmholtz-Zentrum Dresden - Rossendorf e.V.)
15:10	Coffee break
15:30	Polymetallic nodules of the Clarion Clipperton Fracture Zone as a deposit and habitat – is this an unresolvable conflict of interest? (Dr. Artur Skowronek & Dr. Tomasz Abramowski, University of Szczecin, Institute of Marine and Environmental Sciences / Interoceanmetal Joint Organization, Poland)
16:00	Small Scale Mining - Economics, Environment and a Chance for Europe? · (Dr. Michael Priester & Christopher Demel, Projekt-Consult GmbH, Hamburg)
16:30	Round table discussion Raw Material Geologists (EurGeol. Dr. Bernd Schürmann, Amstra, Unna)
18:00	Barbecue · Siciliaschacht (Sachtleben Bergbau Verwaltungs-GmbH)



Sachtleben Bergbau
Verwaltungs-GmbH

TRACTO

Day 3

13. September 2024 · 9:00 am – 4:00 pm / Short Course

MINING METHODS IN ONE DAY

Lecturer:

Prof. Dr. Ing. Ludger Rattmann, Technische Hochschule Georg Agricola, Bochum

The primary focus of this short course spans from modelling mineral deposits to exploring various mining methods. Mineral deposits are both versatile and unique. Therefore, meticulous mine planning entails a tailor-made selection and application of a suitable mining method, taking into account all operational aspects of the mine as an integrated system. To provide an overview of the planning process, culminating in the ultimate mine design, this short course covers the following topics:

- Introduction, Stages in the life of a mine, the mine as a system
- The mine planning process
- Deposit models
- Mine Development
- Surface or underground mining
- 8 underground mining methods
(Room & Pillar Mining, Stope & Pillar Mining, Shrinkage Stopping, Sublevel Stopping, Cut & Fill, Longwall Mining, Sublevel Caving, Block Caving)
- Selection of mining methods
- Introduction, Stages in the life of a mine, the mine as a system

Particular emphasis is placed on the interface between Geology and Mining, highlighting the planning trajectory from the initial deposit model through the selection of suitable mining methods to the establishment of design criteria for meticulous mining method planning.



European
Federation of
Geologists