

AGENDA

**18th & 19th June 2026
Estrel Berlin**



Raw Materials Momentum

Under the patronage of the



Federal Ministry
for Economic Affairs
and Energy



Partner:



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INDUSTRIAL DEVELOPMENT ORGANIZATION
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Organization Carolyn Tepel Tel.: +49 201 172-2006, Fax: +49 201 172-1006 Mail: carolyn.tepel@dmf-group.com	Organizer DMF GmbH & Co. KG Am TÜV 1, 45307 Essen, Germany Mail: miningforum@dmf-group.com	Venue Estrel Berlin Sonnenallee 225, 12057 Berlin, Germany Tel.: +49 30 6831-0, Web: www.estrel.com
Overall management Jens-Peter Lux Managing Director DMF GmbH & Co. KG	Strategic partner & conception Univ.-Prof. Dr.-Ing. Elisabeth Clausen RWTH Aachen University, Institute for Advanced Mining Technologies (AMT)	Fees 1 day: starts at 317,52 €; 2 days: starts at 416,75 € All prices can be found at: www.the-miningforum.com

The conference will take place in english.



18.06.2026, 09.00h (Room A-B)

Welcome	Presenter: Diana Sündermann / Sven Ulbrich, TÜV NORD AG
<ul style="list-style-type: none"> • Jens-Peter Lux, Management Board DMT GROUP • Inga Dransfeld-Haase, Chief Human Resources Officer, TÜV NORD GROUP 	<ul style="list-style-type: none"> • Prof Dr Elisabeth Clausen, Professor & Director, RWTH Aachen University, Institute for Advanced Mining Technologies (AMT)

Opening Remarks
<ul style="list-style-type: none"> • Dr Beate Baron, Head of Industry Division, Federal Ministry for Economic Affairs and Energy (BMWE)

18.06.2026, 09.45h (Room A-B)

Pitch Session: Raw Material Momentum: Aligning Policy, Capital and Industry for Secure Supply	Presenter: Diana Sündermann / Sven Ulbrich, TÜV NORD AG
<ul style="list-style-type: none"> • Matthias Krämer, Co-Director of International Affairs, BDI • Dr Jan Klasen, Director, KfW 	<ul style="list-style-type: none"> • Dr Sascha Raabe, Head of the Global Alliance for Responsible and Green Minerals, United Nations Industrial Development Organization (UNIDO) • Dr Carin-Martina Tröltzsch, Chief Operating Officer, K+S Aktiengesellschaft

10.30h, Coffee Break & Networking (Foyer/Exhibitor)

18.06.2026, 11.00h (Room A-B)

Raw Materials Momentum: Projects & Support	Presenter: Prof Dr Elisabeth Clausen, Professor & Director, Institute for Advanced Mining Technologies
<ul style="list-style-type: none"> • From Momentum to Delivery: Europe's Raw Materials to 2030 • From Guben to Red Rock: A New Model for Critical Minerals Cooperation • Strengthening European Raw Materials Resilience: Vulcan Energy's Contribution • Sakatti – A Strategic Project to strengthen Europe's self-sufficiency for copper 	<ul style="list-style-type: none"> • Bernd Schäfer, CEO / Managing Director, EIT RawMaterials • Kerstin Wedemann, Chief Legal & Corporate Officer, Rock Tech Lithium • Manfred Boeckmann, Chief Commercial Officer, Vulcan Energy • Pertti Lamberg, Country Chief Executive Officer - Finland, AngloAmerican

12.30h, Lunch & Networking (Foyer/Exhibitor)



18.06.2026, 14.00h (parallel Sessions & Panels)

<p>Room A Mining Technologies</p> <ul style="list-style-type: none"> • Vertical Cutter Mining - a sustainable technology for mining • The role of Horizontal Directional Drilling in Mining applications • Debris detection for automated loading • Fast Mine Access and Shaft Sinking Technologies for Strategic Mineral Deep Deposits • Collaborative Traceability for Mining Supply Chain 	<p>Presenter: Dr Michael Paul, Wismut</p> <ul style="list-style-type: none"> • Ulrich Schöpf, BAUER Maschinen • Simon Herrenknecht, Herrenknecht • Emilia Hennen, RWTH Aachen University, Institute for Advanced Mining Technologies (AMT) • Dzianis Iholka, REDPATH DEILMANN • Patricio Alejandro Rojas Ábalos, Antara SpA
<p>Room B Supporting Materials</p> <ul style="list-style-type: none"> • Better roads, less dust - Reducing water use with a biological solution • Common Practice and Innovations with Geosynthetics in Mining • From tailings to haul roads: Geosynthetics in action 	<p>Presenter: Philipp Schollmeyer, VRB e.V.</p> <ul style="list-style-type: none"> • Dr Luitpold Fried, Bind-X International • Marie-Therese Hortmann, HUESKER Synthetic • Andy Post, Naue
<p>Room C Panel: Licence to Operate</p> <ul style="list-style-type: none"> • Green Hydrogen and Mining: Strategic Pillars of Mexico's Energy Transition • Terra Balcanica Resources Corp. - A European Critical Metals Explorer • Developing local, sustainable and resilient solutions for the challenges in mining • Raw Materials Momentum from Mining Contractor Perspective • China as a Raw Materials Powerhouse – Europe's Strategic Response 	<p>Presenter: Prof Dr Tobias Backers, RohstoffWissen!</p> <ul style="list-style-type: none"> • Martin Wellens, Mexican Association • Aleksandar Miskovic, Terra Balcanica Resources • Prof Dr Peter Goerke-Mallet, Technische Hochschule Georg Agricola • Thorsten Kratz, Thyssen Schachtbau • Dr Leonard von Rummel, BLOMSTEIN
<p>Room D Ambassador's Meeting: Securing Resources in an Era of Strat. Geopol. Competition</p> <ul style="list-style-type: none"> • Short presentations by the panelists, followed by a discussion on issues related to the geopolitical situation and the resulting challenges in commodity supply chains. The focus will be on the energy transition, competitiveness, and international cooperation. 	<p>Presenter: Diana Sündermann, TÜV NORD</p> <ul style="list-style-type: none"> • Bastian Kern, Federal Ministry for Economic Affairs and Energy (BMWE) • Laura Oexle, Federal Foreign Office • Dr Sabrina Schulz, European Initiative for Energy Security (EIES)

15.30h, Coffee Break & Networking (Foyer/Exhibiton)



18.06.2026, 16.00h (parallel Sessions & Panels)

Room A	Digitisation and data Integration	Presenter: Prof Dr Helmut Mischo, TU Bergakademie Freiberg
<ul style="list-style-type: none"> • From operational complexity to value creation • From Proof of Concept to Proof of Value: Step by Step Towards the Digital Mine • How the Digital Twin unlocks the Art of the Possible in Mining Transformation Making • Sustainability Commercial: AI-Driven Value Creation in Metals and Mining • AI and Data Engineering Bridge the Gap Between Geophysics, Remote Sensing & Geology 		<ul style="list-style-type: none"> • Bernardo Marinho, Innomatics • Stefan Ebert, Digital Mine • Philippe Dozolme, TBT/DNA-Blast Group • Iuliia Grishchenko, beSirius • Dr Ziheng Xiang, Deep Optica
Room B	Exploration for accelerating the raw materials turnaround	Presenter: Laura Kratzer, HOT Engineering
<ul style="list-style-type: none"> • Current state and expectations for the policy framework and market developments • Accelerating the development of deposits of critical raw materials • Deep Exploration in the Erzgebirge Boosted by Advanced Exploration Technologie • Exploration project „Löwenstern“ 		<ul style="list-style-type: none"> • Florian Stanko, Bundesverband Geothermie • Dr Martin Wedig, FAB / VRB • Andreas Knobloch, Beak Consultants • Andre Zucker, ANGER / Sebastian Stelter, Kupfer Copper Germany
Room C	Panel: Global trends in Innovation & Digitalization	Presenter: Iris Wunderlich, AHK Chile
<ul style="list-style-type: none"> • Digital Twins and AI for Tailings Management and Water Efficiency • From Data to Decisions: AI & Autonomous Systems in Real Mining Operation • Enabling data availability for digital mining applications • Field Validation of Advanced Mining Technologies 		<ul style="list-style-type: none"> • Luis David Sepúlveda Herrera, ALAYA Digital Solutions • Jairo Kenyi Muñoz Espinoza, TECH INNOVATION • Eliana Paredes, Accenture / Women in Mining Chile • Ali Erdesat, TU Bergakademie Freiberg
Room D	Panel: Sustainability Standards as a Cornerstone of a Just Energy Transition	Presenter: Olaf Deutschbein, UNIDO / Vera Jemiller, GIZ
<ul style="list-style-type: none"> • Keynote: Opportunity and challenges, importance of standards and guidance • Panel-Discussion 		<ul style="list-style-type: none"> • Lucia de Carlo, German Federal Ministry for Economic Cooperation and Development (BMZ) • Juliane Kippenberg, Human Rights Watch / Olumide Abimbola, Think Tank / Tobias Kind-Rieper, Anglo American / Rebecca Burton, Initiative for Responsible Mining Assurance / Dr Lukas Förster, DMT / Johannes Danz, Mercedes-Benz / Dr Sascha Raabe, UNIDO

17.30h, End of the 1st conference day

19.00h, **Miner's evening** (Room A-B) with musical accompaniment, including announcement of hackathon winner

Welcome: Jens-Peter Lux, DMT GROUP / Michael Weberink, bsn e.v. / Prof Dr Elisabeth Clausen, Institute for Advanced Mining Technologies



19.06.2026, 9.00h (parallel Sessions & Panels)

<p>Room A Thinking ahead: future usage scenarios</p> <ul style="list-style-type: none"> • Diffusion of Eco-Innovations in Post-Mining: EIPs for the Repurposing of Industrial Land • Geotechnics in remediation mining • Effective Communication and Engagement Strategies for Mining Projects • Combined seismics for monitoring of THM behaviour of fault zones in clay rocks 	<p>Presenter: Prof Dr Martin Kreßner, TU BergakademieFreiberg</p> <ul style="list-style-type: none"> • Dr Julia Haske, THGA University • Silvio Engelmann, CDM Smith • Dr Hakan Arden Kahraman, DMT Istanbul Merkez Subesi • Dr Rüdiger Giese, GFZ Helmholtz Centre for Geosciences
<p>Room B Responsible Supply Chains</p> <ul style="list-style-type: none"> • Regional Capabilities and the Organization of Global Mining Value Chains • Responsible and sustainable Sourcing from CAHRA regions • Decentralization of Regulatory Agencies a Step Towards Traceability • Strategic Pathways to De-Risk and Decarbonize Rare Earth Supply Chains • Emerging Technologies and Sustainable Sourcing in the Mining Industry 	<p>Presenter: Michael Weberink, Branchenverband Steinkohle und Nachbergbau e.V. (bs n)</p> <ul style="list-style-type: none"> • Birgit Linnamäe, Nordic Vision • Achim Klotz, Goode Europe • Gad Amoako Amankwaah, Green Evolution Ventures • Arun Vijayan, Beroe • Marcela Celis Cisterna, Codelco / Women in Mining Chile
<p>Room C Panel: Executing & Financing Momentum</p> <ul style="list-style-type: none"> • Development of strategies - training of skilled workers in the mining industry • Mining Engineers as Communicators?! Transforming Mining Curricula • Blended Capital Models for European Critical Mineral Mining Projects • Connecting Capital, Projects & Policy 	<p>Presenter: Bozana Barusic, DMT</p> <ul style="list-style-type: none"> • Toni Schmidt, TS BAU • Dr Stefanie Walter, Lots • Michael Seeger, MX Mining Capital Partners • Stefan Müller, DGWA
<p>Room D Panel: CRMA – „Green-Deal-Paradox“?</p> <ul style="list-style-type: none"> • CRMA – Current Status and What’s Next? • Mining in the 21st century: Energy integration, circular economy and sustainable reuse • Altmark Lithium Extraction (ALE): Sourcing Lithium for Europe’s Raw Material Sovereignty • CRMA-Panel-Discussion 	<p>Presenter: Dr Sven-Uwe Schulz, DERA</p> <ul style="list-style-type: none"> • Ivonne Arenz, Verband Bergbau, Geologie und Umwelt e.V. (VBGU) • Blas Urioste, KSL Kupferschiefer Lausitz • Dr Axel Wenke, Neptune Energy Innovations • Dr Andreas Scheck, Neptune Energy / Blas Urioste, KSL Kupferschiefer Lausitz / Hildegard Bentele, Member of the European Parliament / Dr Matthias Koehler, BMW

10.30 h, Coffee Break & Networking (Foyer/Exhibition)



19.06.2026, 11.00h (parallel Sessions & Panels)

Room A	Modelling & Risk Management	Presenter: Elke Mugova, Fraunhofer Research Institution for Energy Infrastructures and Geotechnologies IEG
<ul style="list-style-type: none"> • Portable Gas Analytics for Sustainable Georesource Management • Urgent action to monitor the suddenly flooded salt mine Praid • GeoRisk-Analyser - movable, high-precision deformation monitoring of geohazards • Sentinel AI - the new LLM agent system in geotechnical engineering 		<ul style="list-style-type: none"> • Egbert Jolie, Fluxtec • Thomas Schicht, K-UTEC • Frank Kubisch, TU Bergakademie Freiberg • Dr Karsten Zimmermann, DMT
Room B	International Projects and Regulations	Presenter: Tobias Kind-Rieper, AngloAmerican
<ul style="list-style-type: none"> • Africa - the future of critical minerals • Georgia's Mining Law in Transition • Unlocking High Value Critical Minerals From Regolith Systems • From Channel Migration to Mineralization: Heavy Mineral Potential in Meandering Systems • Beyond Static Models: Adaptive Estimation Approaches for River-Hosted Mineral Systems 		<ul style="list-style-type: none"> • Jonathan Veeran, Webber Wentzel • Alexandre Devidze, Rich Metals Group • Allister Caird, Mount Ridley Mines Limited • Nicolas Jacquelot, Heling Minerals / Thabang Phakoe, DMT-Kai Batla Pty.Ltd. • Rafaela Machado, DMT Brazil
Room D	Panel: Innovation in Future Mining - Automation, Sensing and Subsurface Insights	Presenter: Dr Sebastian Wiele, RWTH Aachen University
<ul style="list-style-type: none"> • Advancing Mine Safety and Productivity with Fleetwide, Retrofit Automation • Validation of Perception Sensors in Modern Mining Operations • Deep geological survey using 2D seismics in Lower Lusatia • Graphene Meets Mining: Advanced Water Decontamination for Sustainable Operations • GeoLithAI: AI-Based Lithology Recognition 		<ul style="list-style-type: none"> • Dr Eric Pohlmann, Nerospec SK GmbH • Adam Pekarski, RWTH Aachen University, Institute for Advanced Mining Technologies (AMT) • Dr Birgit Futterer, Landesamt für Bergbau, Geologie und Rohstoffe • Marco Antonio Salazar Moreno, NANOINVENTA • Marissa Griselda Vallejo Pablo, UNMSM

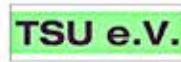
12.30 h, Lunch & Networking (Foyer/Exhibition)

19.06.2026, 14.00h (parallel Sessions & Panels)

Room A	Mitigating ESG risks and ambitions	Presenter: Dr Aleksandra Cholewa
<ul style="list-style-type: none"> • Raw materials from Europe: high demands and a patchy legal framework • Embedding Climate and Nature in the Mining Sector's Transition Pathways • Advancing Mineral Asset Valuation • Brazil's Critical Minerals - Opportunities for Brazilian-German Cooperation 		<ul style="list-style-type: none"> • Anna Schönwald / Maja Wilke, PowerShift e.V. • Anna Raffaelli, Carbon Trust • Sanjey Bhoowanpursadh, DMT Kai Batla • Lucia de Carlo, BMZ / Tim Schlösser, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)
Room C	Panel: Legacy site management and geological disposal of radioactive wastes	Presenter: Dr Charlotte Bornhöft, DMT
<ul style="list-style-type: none"> • Water management during and after mine rehabilitation • Construction of the Konrad repository - overview and status of work • MCDA for site selection procedures in storage • Disposal of Radioactive Waste in Deep Boreholes 		<ul style="list-style-type: none"> • Ulf Barnekow, Wismut • Moritz Kellner, BGE • Frank Charlier, RWTH Aachen • Tilman Fischer, BGE Tec
Room D	Panel: Increasing Productivity - Digitalization, Selective Mining and Automation	Presenter: Bernardo Marinho, Innomatics
<ul style="list-style-type: none"> • Selective Mining with ML enhanced PFN logging tool • Automated welding repair and upgrade of worn tools • SIL++ Adding Availability to Hoisting Safety • Building the Nervous System of the Modern Mine 		<ul style="list-style-type: none"> • Thomas Heinig, Umwelt- und Ingenieurtechnik Dresden • Raphael Hommel, Fraunhofer • Gareth Price, Siemag-Tecberg • Christian Edilberto Portugal Zambrano, Jebi S.A.C

15.30 h, End of the conference

Exhibitors:



and more

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