

# AGENDA

18<sup>th</sup> & 19<sup>th</sup> June 2026  
Estrel Berlin



## Raw Materials Momentum

Under the patronage of the



Federal Ministry  
for Economic Affairs  
and Energy



Partner:



UNITED NATIONS  
INDUSTRIAL DEVELOPMENT ORGANIZATION  
Progress by innovation

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

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

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

18.06.2026, 09.30h (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"> <li>• Matthias Krämer, Co-Director of International Affairs, BDI</li> <li>• Dr Jan Klasen, Director, KfW</li> </ul>	<ul style="list-style-type: none"> <li>• Dr Sascha Raabe, Head of the Global Alliance for Responsible and Green Minerals, United Nations Industrial Development Organization (UNIDO)</li> <li>• Dr Carin-Martina Tröltzsch, Chief Operating Officer, K+S Aktiengesellschaft</li> </ul>

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

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

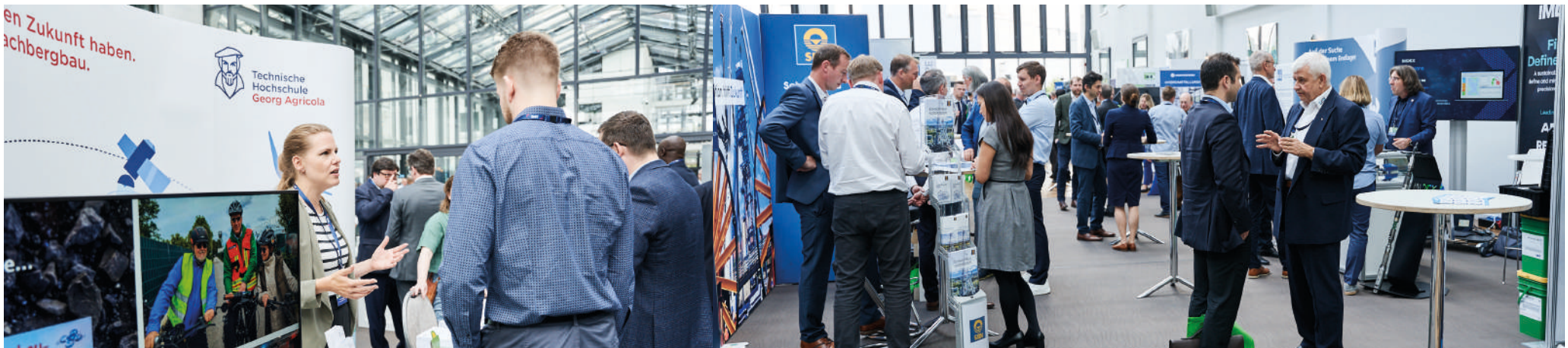
12.30h, Lunch & Networking (Foyer/Exhibiton)



18.06.2026, 14.00h (parallel Sessions & Panels)

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

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



18.06.2026, 16.00h (parallel Sessions & Panels)

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

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

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



19.06.2026, 11.00h (parallel Sessions & Panels)

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

12.30 h, Lunch & Networking (Foyer/Exhibition)

19.06.2026, 14.00h (parallel Sessions & Panels)

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

15.30 h, End of the conference

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