

# 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> DMF 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 DMF 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

Jens-Peter Lux, Management Board, DMT GROUP / Prof. Dr. Elisabeth Clausen, Professor & Director, RWTH Aachen University, Institute for Advanced Mining Technologies (AMT)

Opening Remarks

Parliamentary Secretary Stefan Rouenhoff, Federal Ministry for Economic Affairs and Energy (BMWE)

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

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| <ul style="list-style-type: none"> <li>• Dr Carin-Martina Tröltzsch, Chief Operating Officer, K+S Aktiengesellschaft</li> <li>• Sascha Raabe, Head of the Global Alliance for Responsible and Green Minerals, United Nations Industrial Development Organization (UNIDO)</li> </ul> | <ul style="list-style-type: none"> <li>• Dr Jan Klasen, Director, KfW</li> <li>• Matthias Krämer, Co-Director of International Affairs, BDI</li> </ul> |
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10.30h, Coffee Break & Networking (Foyer/Exhibiton)

18.06.2026, 11.00h (Room A-B)

Raw Materials Momentum: Projects & Support

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| <ul style="list-style-type: none"> <li>• tbc</li> <li>• From Guben to Red Rock: A New Model for Critical Minerals Cooperation</li> <li>• tbc</li> <li>• Sakatti – A Strategic Project to strengthen Europe’s self-sufficiency for copper</li> <li>• A new chapter in a centuries-old mining tradition</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> <li>• Marko Uhlig, Managing Director, Zinnwald Lithium</li> </ul> |
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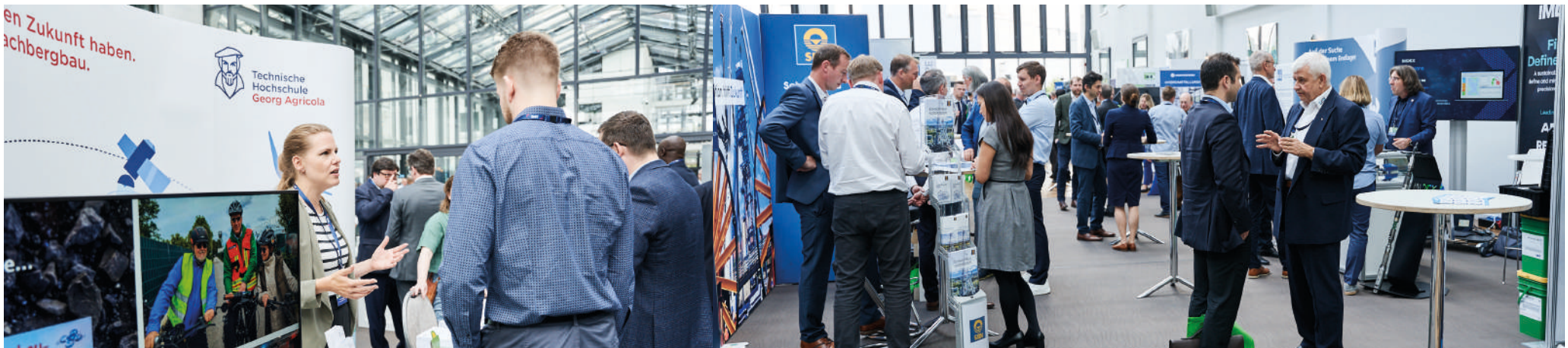
12.30h, Lunch & Networking (Foyer/Exhibiton)



18.06.2026, 13.30h (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>• Dr Sabrina Schulz, European Initiative for Energy Security (EIES)</li> <li>• NN, Federal Foreign Office</li> <li>• Bastian Kern, Federal Ministry for Economic Affairs and Energy (BMWE)</li> </ul>

15.00h, Coffee Break & Networking (Foyer/Exhibiton)



18.06.2026, 15.30h (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>• 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>• Galina Donnik, 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>• Gregor Dilger, 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>• Representatives and companies from the global raw materials industry.</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> </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>• <b>Panel-Discussion</b></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>• Olumide Abimbola, Think Tank / Dr Lukas Förster, DMT / Johannes Danz, Mercedes-Benz / Sascha Raabe, UNIDO / Pierre Petit-De Pasquale, Initiative for Responsible Mining Assurance</li> </ul>
<p>17.00h, End of the 1st conference day</p>	
<p>19.00h, <b>Miner's evening</b> (Room A-B) with musical accompaniment, including announcement of hackathon winner</p>	<p><b>Welcome: Jens-Peter Lux, DMT GROUP / Michael Weberink, bsn e.v.</b></p>



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>• NN</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 – German experiences and expectations (Keynote)</li> <li>• Altmark Lithium Extraction (ALE): Sourcing Lithium for Europe’s Raw Material Sovereignty</li> <li>• Mining in the 21st century: energy integration, circular economy, and sustainable reuse</li> <li>• CRMA-Panel-Discussion</li> </ul>	<p>Presenter: Dr. Sven-Uwe Schulz, DERA</p> <ul style="list-style-type: none"> <li>• Ivonne Arenz, VBGU</li> <li>• NN, Neptun Energy Innovations GmbH</li> <li>• Blas Urioste, KSL Kupferschiefer Lausitz GmbH</li> <li>• 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>	
<ul style="list-style-type: none"> <li>• Ventilation &amp; Climatization Simulations of a Digital Twin for an Undergr. Research Mine</li> <li>• Portable Gas Analytics for Sustainable Georesource Management</li> <li>• Urgent action to monitor the suddenly flooded salt mine Praid</li> <li>• GeoRisk-Analyser - movable, high-precision deformation monitoring of geohazards</li> </ul>		<ul style="list-style-type: none"> <li>• Tugba Sen, Technische Universität Clausthal</li> <li>• Egbert Jolie, Fluxtec</li> <li>• Thomas Schicht, K-UTEC</li> <li>• Frank Kubisch, TU Bergakademie Freiberg</li> </ul>
<b>Room B</b>	<b>International Projects and Regulations</b>	Presenter: Tobias Kind-Rieper, AngloAmerican
<ul style="list-style-type: none"> <li>• Africa - the future of critical minerals</li> <li>• Georgia's Mining Law in Transition</li> <li>• Unlocking High Value Critical Minerals From Regolith Systems</li> <li>• From Channel Migration to Mineralization: Heavy Mineral Potential in Meandering Systems</li> <li>• Beyond Static Models: Adaptive Estimation Approaches for River-Hosted Mineral Systems</li> </ul>		<ul style="list-style-type: none"> <li>• Jonathan Veeran, Webber Wentzel</li> <li>• Alexandre Devidze, Rich Metals Group</li> <li>• Allister Caird, Mount Ridley Mines Limited</li> <li>• Nicolas Jacquelot, Heling Minerals</li> <li>• Rafaela Machado, DMT Brazil</li> </ul>
<b>Room D</b>	<b>Panel: Innovation in Future Mining - Automation, Sensing and Subsurface Insights</b>	Presenter: Dr Sebastian Wiele, RWTH Aachen University
<ul style="list-style-type: none"> <li>• Advancing Mine Safety and Productivity with Fleetwide, Retrofit Automation</li> <li>• Validation of Perception Sensors in Modern Mining Operations</li> <li>• Deep geological survey using 2D seismics in Lower Lusatia</li> <li>• Graphene Meets Mining: Advanced Water Decontamination for Sustainable Operations</li> <li>• GeoLithAI: AI-Based Lithology Recognition</li> </ul>		<ul style="list-style-type: none"> <li>• Dr Eric Pohlmann, Nerospec SK GmbH</li> <li>• Adam Pekarski, RWTH Aachen University, Institute for Advanced Mining Technologies (AMT)</li> <li>• Dr Birgit Futterer, Landesamt für Bergbau, Geologie und Rohstoffe</li> <li>• Marco Antonio Salazar Moreno, NANOINVENTA</li> <li>• Marissa Griselda Vallejo Pablo, UNMSM</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>	Presenter: Dr Aleksandra Cholewa
<ul style="list-style-type: none"> <li>• Raw materials from Europe: high demands and a patchy legal framework</li> <li>• Embedding Climate and Nature in the Mining Sector's Transition Pathways</li> <li>• Advancing Mineral Asset Valuation</li> </ul>		<ul style="list-style-type: none"> <li>• Michael Reckordt, PowerShift e.V.</li> <li>• Anna Raffaelli, Carbon Trust</li> <li>• Sanjey Bhoowanpursadh, DMT Kai Batla</li> </ul>
<b>Room C</b>	<b>Panel: Legacy site management and geological disposal of radioactive wastes</b>	Presenter: Dr Charlotte Bornhöft, DMT
<ul style="list-style-type: none"> <li>• Water management during and after mine rehabilitation</li> <li>• Construction of the Konrad repository - overview and status of work</li> <li>• MCDA for site selection procedures in storage</li> <li>• Disposal of Radioactive Waste in Deep Boreholes</li> </ul>		<ul style="list-style-type: none"> <li>• Ulf Barnekow, Wismut</li> <li>• Moritz Kellner, BGE</li> <li>• Frank Charlier, RWTH Aachen</li> <li>• Tilman Fischer, BGE Tec</li> </ul>
<b>Room D</b>	<b>Panel: Increasing Productivity - Digitalization, Selective Mining and Automation</b>	Presenter: Bernardo Marinho, Innomatics
<ul style="list-style-type: none"> <li>• Selective Mining with ML enhanced PFN logging tool</li> <li>• Automated welding repair and upgrade of worn tools</li> <li>• SIL++ Adding Availability to Hoisting Safety</li> <li>• Building the Nervous System of the Modern Mine</li> </ul>		<ul style="list-style-type: none"> <li>• Thomas Heinig, Umwelt- und Ingenieurtechnik Dresden</li> <li>• Dr Max Biegler, Fraunhofer</li> <li>• Gareth Price, Siemag-Tecberg</li> <li>• Christian Edilberto Portugal Zambrano, Jebi S.A.C</li> </ul>

15.30 h, End of the conference



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