

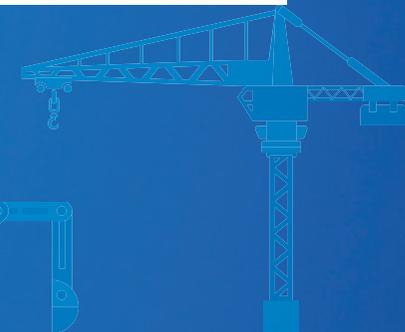
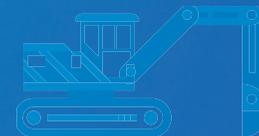
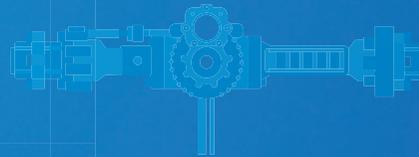
THE HEARTBEAT OF OUR INDUSTRY



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Montag 7. April: Klimaneutralität Monday, April 7: Climate neutrality

<p>09:45–10:00</p> <p>Welcome VDMA · Germany</p>	<p>14:00–14:30</p> <p>Panel discussion FrauenNetzwerk-Bau (networking community for women in the construction industry) Hauptverband der Deutschen Bauindustrie (HDB) · Germany</p>	<p>15:30–16:00</p> <p>Revolution in concrete: The Giatec ecosystem Giatec Scientific Inc. · Canada</p>
<p>10:00–10:30</p> <p>Electrification impact on work hydraulics Danfoss Power Solutions · Denmark</p>	<p>14:30–14:40</p> <p>Carbon Smart: Optimizing small equipment for a greener construction future zamics / Zeppelin Lab GmbH · Germany</p>	<p>16:00–16:30</p> <p>Building the future: High-efficiency components for sustainable concrete production WAMGROUP · Italy</p>
<p>10:30–11:00</p> <p>Driving the shift towards sustainable solutions Scania Power Solutions · Sweden</p>	<p>14:40–14:50</p> <p>Mixing platform for innovative concrete technology Sonocrete · Germany</p>	<p>16:30–17:00</p> <p>ArcelorMittal's journey towards carbon-neutral steel ArcelorMittal · Germany</p>
<p>11:00–12:30</p> <p>bauma Innovation Award 2025 – presentation of the 15 nominees and winners of the bauma Innovation Award 2025 by Martina Scherbel, VDMA · Germany</p>	<p>14:50–15:00</p> <p>Electric oil pump to increase powertrain efficiency PMC Technologies · Canada</p>	<p>17:00–17:30</p> <p>Climate neutrality Cummins Ltd. · USA</p>
<p>12:30–13:00</p> <p>The climate-neutral construction site Frankfurt University of Applied Sciences · Germany</p>	<p>15:00–15:10</p> <p>Climate-friendly energy supply on the construction site SunPlate · Germany</p>	<p>17:30–17:45</p> <p>Closing remarks VDMA · Germany</p>
<p>13:00–14:00</p> <p>Panel: Climate neutrality – strategy, investment, roadmap - Federal Ministry for Housing, Urban Development and Building · Germany - CECE HLTPAG and MiC 4.0 · Germany - Hauptverband der Deutschen Bauindustrie (HDB) · Germany Moderation and closing words Joachim Schmid, VDMA · Germany</p>	<p>15:10–15:20</p> <p>Compensating staff shortages by using digital solutions VSight · Germany</p>	

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Dienstag 8. April: Mining Challenge Tuesday, April 8: Mining challenge

<p>09:45–10:00</p> <p>Welcome VDMA · Germany</p>	<p>12:40–12:50</p> <p>Safe autonomous driving in harsh environmental conditions DriveBlocks · Germany</p>	<p>15:00–15:30</p> <p>Critical raw material & process engineering ADVANCED MINERAL PROCESSING SL · Spain</p>
<p>10:00–10:30</p> <p>The impact of the EU Critical Raw Materials Act Member of the EU Parliament · Belgium</p>	<p>12:50–13:00</p> <p>Unlocking hidden process intelligence: AI-powered IoT event log generation for construction & manufacturing Process.Science · Germany</p>	<p>15:30–16:00</p> <p>Decarbonization solutions for existing equipment and the economics of low hanging fruits Eku Power Drives · Germany</p>
<p>10:30–12:00</p> <p>Panel: Mining challenge – security of supply of commodities, automation, ESG - Unit raw materials at DG Grow, European Commission · Belgium - Member of the EU Parliament and the EU Critical Raw Materials Board · Belgium - Rio Tinto · Belgium - CECE · Spain - VDMA Mining & Minerals · Germany Moderation Christoph Danner, VDMA · Germany</p>	<p>13:00–13:10</p> <p>Is the construction industry stuck in the past? Why connecting machines isn't enough anymore Talpa Solutions · Germany</p>	<p>16:00–16:30</p> <p>Cutting-edge solutions for overcoming modern mining challenges: Durability, efficiency, and environmental compliance Mammoth Equipment and Exhausts · Canada</p>
<p>12:00–12:30</p> <p>Mining for a sustainable future Weir Minerals Europe · United Kingdom</p>	<p>13:10–13:20</p> <p>Asset tracking in the construction industry – challenges and ideas for making the invisible visible Sensolus · Germany</p>	<p>16:30–17:00</p> <p>Remote operation in the mining segment MOBA Mobile Automation AG · Brazil</p>
<p>12:30–12:40</p> <p>Optimizing excavation machinery operation, reducing cost and GHG emissions Dig Robotics · Israel</p>	<p>13:30–14:00</p> <p>Blue Mining – a holistic approach that integrates circular economy Clausthal University of Technology · Germany</p>	<p>17:00–17:30</p> <p>Sustainable copper mining-flowsheets & solutions FLSmidth · United Kingdom</p>
<p>14:00–14:30</p> <p>Innovating mining technology: Pioneering solutions from AMT RWTH Aachen University · Germany</p>	<p>14:30–15:00</p> <p>Los Azules: Smart mining & green copper in Argentina's new era Los Azules · Argentina</p>	<p>17:30–17:45</p> <p>Closing remarks VDMA · Germany</p>

Date: February 19, 2025, subject to changes.

Mittwoch, 9. April: Alternative Antriebskonzepte
Wednesday, April 9: Alternative drive concepts

<p>09:45–10:00</p> <p>Welcome VDMA · Germany</p>	<p>12:30–14:00</p> <p>Panel: Alternative drive concepts – opportunity, limits, infrastructure - Volvo Construction Equipment Germany GmbH · Germany - VDMA Engines and Systems · Germany - Liebherr-Werk Bischofshofen GmbH · Austria - DEUTZ AG · Germany Moderation Timo Feuerbach, VDMA · Germany</p>	<p>15:00–15:30</p> <p>Global best practices of alternative propulsion solutions FEV Consulting GmbH · Germany</p>
<p>10:00–10:30</p> <p>Engine oils for hydrogen internal combustion engines FUCHS LUBRICANTS GERMANY GMBH · Germany</p>	<p>14:00–14:10</p> <p>Lower CO₂ emissions on construction sites: It's already possible Volta Energy · Netherlands</p>	<p>15:30–16:00</p> <p>Drive your electrification goals: discover the engineered driveline solution from Danfoss and Carraro Carraro SpA · Italy and Danfoss Power Solutions · Germany</p>
<p>10:30–11:00</p> <p>Purpose design electric drive system Motorenfabrik Hatz · Germany</p>	<p>14:10–14:20</p> <p>The new era of AI-driven and fully integrated battery management systems PulseTrain · Germany</p>	<p>16:00–16:30</p> <p>Decarbonizing worksites with modular batteries Proventia Group · Finland</p>
<p>11:00–11:30</p> <p>Application potential and limits of alternative drive technologies for mobile machinery Dresden University of Technology / Chair of Construction Machinery · Germany</p>	<p>14:20–14:30</p> <p>Next-gen solutions for trenchless construction Stern Technic · Germany</p>	<p>16:30–17:00</p> <p>Enabling H2 storage for H2 based powertrains ITK Engineering and Robert Bosch GmbH · Germany</p>
<p>11:30–12:00</p> <p>E-fuels: Suitability for construction machines TUM Institute of Sustainable Mobile Powertrains · Germany</p>	<p>14:30–14:40</p> <p>Security and intelligence applied to industry Belttech Solutions · Spain</p>	<p>17:00–17:30</p> <p>The shift to alternative fuels: Challenges and safety considerations Dafo Vehicle AB · Sweden</p>
<p>12:00–12:30</p> <p>Between performance and sustainability – are there any viable alternatives to a diesel engine? DEUTZ AG · Germany</p>	<p>14:40–14:50</p> <p>Secure engineering collaboration on 3D CAD data Threedy · Germany</p>	<p>17:30–17:45</p> <p>Closing remarks VDMA · Germany</p>

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Donnerstag, 10. April: Vernetztes Bauen
Thursday, April 10: Networked construction

<p>09:45–10:00</p> <p>Welcome VDMA · Germany</p>	<p>13:30–14:00</p> <p>Digitalization and data rights MiC 4.0 · Germany</p>	<p>15:00–15:30</p> <p>AI-powered autonomous excavation Gravis Robotics · Switzerland</p>
<p>10:00–10:30</p> <p>Digitalization and networking for construction machinery and the construction process STRABAG/Machines in Construction (MiC) 4.0 · Germany</p>	<p>14:00–14:10</p> <p>Solving modern challenges in construction: Networked machine fleets for enhanced sustainability and profitability Leasi · Norway</p>	<p>15:30–16:00</p> <p>Driving smarter productivity in off-highway industries Volvo Penta · Sweden</p>
<p>10:30–12:00</p> <p>Panel: Connected machines – common data understanding - Wacker Neuson (Linz) · Austria - Max Wild · Germany - Liebherr-Hydraulikbagger GmbH · Germany - VDMA - AG MiC 4.0 · Germany Moderation Dr. Darius Soßdorf, VDMA · Germany</p>	<p>14:10–14:20</p> <p>Optimizing concrete delivery with truvami's automated tracking and pour detection truvami · Switzerland</p>	<p>16:00–16:30</p> <p>Enhancing safety with autonomous technology CNH Industrial Italia SpA · Italy</p>
<p>12:00–12:30</p> <p>Digital twin and AI technology construction AGTEK, Part of Hexagon · USA</p>	<p>14:20–14:30</p> <p>Smart cranes for digital jobsites Ultrawis · Israel</p>	<p>16:30–17:00</p> <p>Connected jobsites – advancing construction together Trackunit · Denmark</p>
<p>12:30–13:30</p> <p>University contributions on the topic of “connected machines” Dresden University of Technology and Technical University of Munich (TUM) · Germany</p>	<p>14:30–14:40</p> <p>Digitalization on the construction site Core-Sensing · Germany</p>	<p>17:00–17:30</p> <p>Intelligent construction progress documentation and image-supported construction diary Alinotec · Germany</p>
	<p>14:40–14:50</p> <p>Digital procurement as the foundation for efficient processes Sequello · Austria</p>	<p>17:30–17:45</p> <p>Closing remarks VDMA · Germany</p>

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Freitag, 11. April: Nachhaltiges Bauen
Friday, April 11: Sustainable construction

- 09:45–10:00**
Welcome
VDMA · Germany
- 10:00–10:30**
European construction policy – political priorities of the European Commission
European Commission, Unit for Construction · Belgium
- 10:30–12:00**
Panel: Sustainable construction – carbon footprint, resource conservation, circular economy
- European Commission · Belgium
- SCHWENK Zement GmbH & Co. KG · Germany
- TU Berlin, Institute of Civil Engineering · Germany
- Wilhelm Kneitz Solutions in Textile GmbH · Germany
Moderation
Stephan Oehme, VDMA · Germany
- 12:00–12:30**
High-strength reinforcement SAS 670/800 and B670B acc. to DIN488
SAH Stahlwerk Annahütte · Germany
- 12:30–12:40**
How to manage your installed base of equipment with AR and AI?
Oculavis · Germany

- 12:40–12:50**
Building the future: M3DUSA makes conventional concrete printable
M3DUSA · Liechtenstein
- 12:50–13:00**
Next generation building materials
C2CA · Netherlands
- 13:00–13:10**
Streamlining concrete transport and pumping through digital integration
SoPump · France
- 13:10–13:20**
excav PILOT – portable high precision GNSS excavation assistant
excav · Germany
- 13:30–14:00**
Can fast-track housing achieve acceptable sustainability levels?
Dema Formworks · Turkey
- 14:00–14:30**
Mineral processing of alternative deposits and their potential for the construction industry
RWTH Aachen University · Germany

- 14:30–15:00**
Cement-based building materials – challenges and chances
FH Münster University of Applied Sciences · Germany
- 15:00–15:30**
Digital construction sites: shaping the future towards construction industry 5.0
TU Braunschweig University of Technology · Germany
- 15:30–16:00**
Instant power – lasting impact
Instagrid GmbH · Germany
- 16:00–16:30**
Impact of thermal bridges on the energy efficiency of buildings
Peikko Group Corporation · Germany
- 16:30–17:00**
GreenLife4Seas
SIMEM · Italy
- 17:00–17:30**
Composite mats paving the road to sustainable construction
Isokon d.o.o. · Slovenia
- 17:30–17:45**
Closing remarks
VDMA · Germany

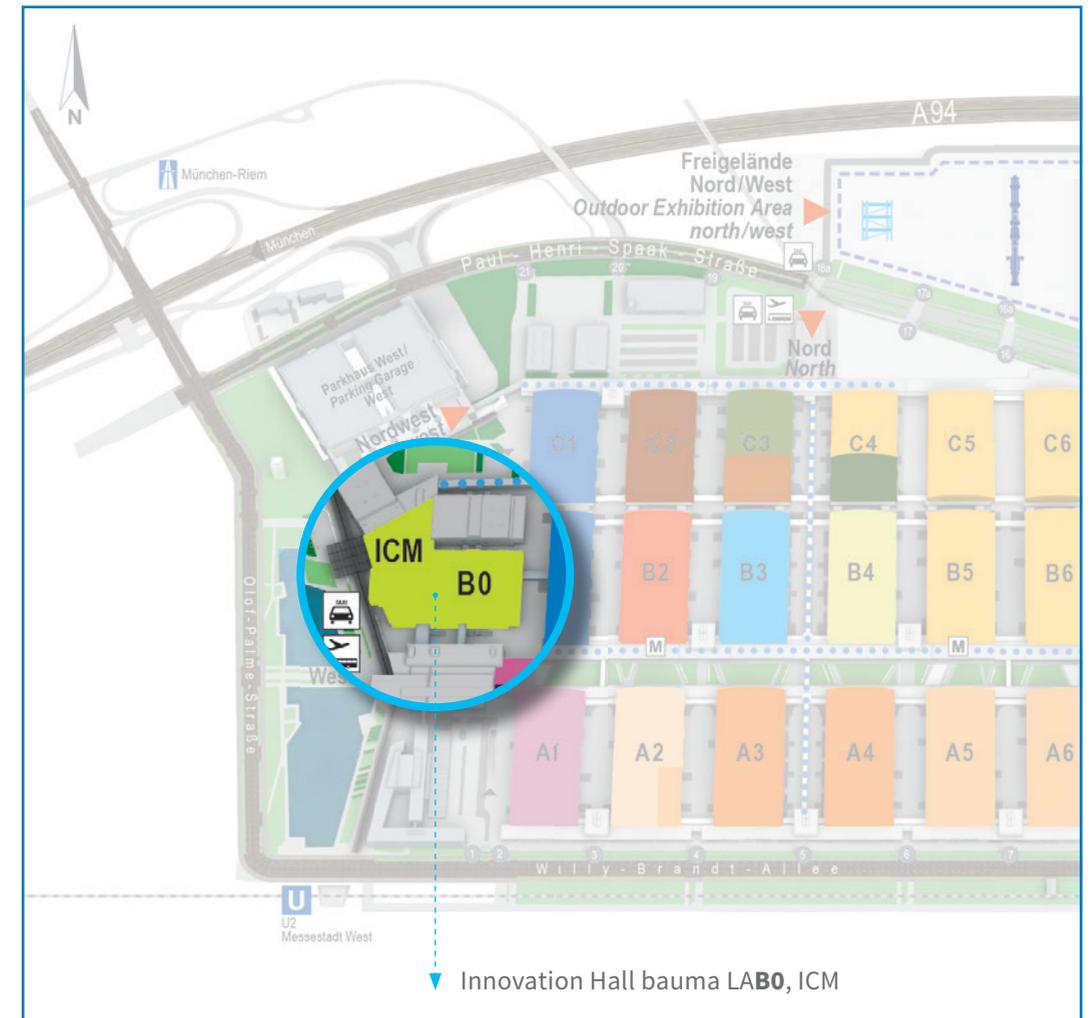


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April 7–13, 2025 | Messe München



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