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## bauma Innovation Award 2025 Fifteen ideas are competing for the top spot

**Of the original 208 entries, 52 made it to the final round. The jury has now selected the fifteen nominees for the bauma Innovation Award.**

**Frankfurt am Main, 18 February 2025** – This is the 14th time that Messe München and VDMA, together with the construction industry associations HDB, ZDB and bbs, will award the prize. The competition started again on May 2, 2024, with the categories Climate Protection, Digitalisation, Mechanical Engineering, Building and Research.

Trade visitors to the Media Dialog on February 18 and 19 in Munich will have the opportunity to cast their votes on the spot, which will be included in the overall evaluation. All nominees will be presented at the ICM in Munich on the eve of the opening of bauma on April 6, and the five innovations with the highest number of votes will receive the award.

The jury evaluates the entries according to criteria that are crucial for the future of the industry. Key factors include the practical relevance of a solution and its economic potential. In addition, the judges consider the progress of digitalisation, environmental aspects, sustainability, resource efficiency, and the humanisation of the workplace.

The following entries have been nominated for the Award in 2025:

### Category 1 Climate Protection

- Local zero emissions construction site, Wirtgen Group
- ROTHO ProCarbonCure, Robert Thomas GmbH & Co KG
- H<sub>2</sub> Excavator with fuel cell drive, Hyundai Construction Equipment Europe

### **Category 2 Digitalisation**

- WOLFF High-Speed-Positioning-System, WOLFFKRAN GmbH
- Smart Automation in Roadbuilding, Wirtgen Group
- Liebherr Autonomous Operations, Liebherr-Werk Bischofshofen GmbH

### **Category 3 Mechanical Engineering**

- Positioning Pilot assistance system, Liebherr-Werk Biberach GmbH
- Tunnel Enlargement System, Herrenknecht AG
- S1 Vision – Liebherr Single-Axle Truck, Liebherr Corporate Ventures AG

### **Category 4 Building**

- Dive Drill Method, BAUER Spezialtiefbau GmbH
- New composite bridge construction method, Adam Hörnig Baugesellschaft mbH & Co KG
- SITE DEPOT material flow management software, N1 Circular GmbH

### **Category 5 Research**

- ExtendedExcavatorHMI, Technische Universität Dresden
- MAXX - Mobile Assembly X-System, Center Construction Robotics (RWTH)
- Muck measuring system for EPB tunnel boring machines based on AI (MEGA), Technische Hochschule Köln

**Press releases and videos of the nominees are available at [www.bauma-innovationspreis.de](http://www.bauma-innovationspreis.de).**

The international bauma Innovation Award has its roots in the German Construction Equipment Day, which until 2004 honored cutting-edge technologies from Germany. Since 2007, it has been awarded every three years in this form and is organized jointly by VDMA, VDMA Services GmbH, bauma and the German construction industry's central associations, HDB, ZDB and bbs. The VDMA is responsible for the organisation.

The Media Dialogue in February gives the international trade press the opportunity to conduct interviews with exhibitors and find out about new products and processes at "table talks" a good month and a half before the start of the fair.

### **Important links:**

[www.vdma.org/bauma](http://www.vdma.org/bauma)

[www.vdma.org/baumaschinen-baustoffanlagen](http://www.vdma.org/baumaschinen-baustoffanlagen)  
[www.bauma.de](http://www.bauma.de)

Do you have any questions? Martina Scherbel, Press and Public Relations Officer, will be happy to answer them: Phone +49 69 6603 1257, [martina.scherbel@vdma.org](mailto:martina.scherbel@vdma.org).

The VDMA represents 3,600 German and European mechanical and plant engineering companies. The industry stands for innovation, export orientation and SMEs. The companies employ around 3 million people in the EU-27, more than 1.2 million of them in Germany alone. This makes mechanical and plant engineering the largest employer among the capital goods industries, both in the EU-27 and in Germany. In the European Union, it represents a turnover volume of an estimated 910 billion euros. Around 80 percent of the machinery sold in the EU comes from a manufacturing plant in the domestic market.