



**ADVANCED
MACHINE
TOOLS**

**8-10 April 2025
Barcelona**



CALL FOR AWARDS
TRANSFORMING
METAL PRODUCTION

www.advancedtoolsexpo.com

SUSTAINABILITY | TECHNOLOGY | AUTOMATION

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01 . FACTORIES OF THE FUTURE AWARDS 2025

The **Factories of the Future Awards 2025** aim to recognize the work, leadership, and transformation of companies committed to innovation in industrial automation and digitization. The focus areas include business models, new products, equipment, communication management, operational processes, marketing, and customer experience.

02. AWARDS ORGANIZER

The **Factories of the Future Awards 2025** are organized by Advanced Factories.

The evaluation and pre-selection process will be conducted in collaboration with a technical committee of international experts..

03. WHO CAN PARTICIPATE

The **Factories of the Future Awards 2025** are open to all companies, universities, suppliers, executives, business schools, researchers, analysts, journalists, startups, accelerators, technology parks, innovation centers, etc., committed to innovation and continuous improvement in emerging processes in the new Industry 4.0 era, aiming to share ideas and experiences solidifying within the industrial sector.

Any organization can apply, provided it authenticates its application. The purpose of these awards is to foster and promote innovation in industrial automation, with no further restriction on participation for individuals and organizations, as long as they meet this purpose.

04. AWARD CATEGORIES

A. Leadership in Digital Transformation of the Industrial Plant

Awards industrial companies that have achieved digital transformation by integrating 4.0 technologies in their operations or management areas. The project must be implemented by the application closing date. Evaluation criteria include productive efficiency, sustainability, and talent attraction. Technical details of implemented solutions must be included in the application.

B. Best Industrial Equipment for the Factory of the Future

Recognition for supplier solutions that enable the implementation of advanced machinery or innovative digitalization and automation systems as a key element for the competitiveness of client companies. It will be a prerequisite that the products or services have already been implemented in at least two companies at the closing date of nominations, indicating the competitive advantages it has brought them.

F. Most Sustainable Machine Tool

This category is intended to reward the development of machining, forming or metal transformation equipment with low consumption and emissions, aimed at radically reducing energy use through the implementation of technologies such as recovery, synchronous motors, start & stop, automation, sensors, machine learning, among others.

D. Most Disruptive Startup in the Industrial Field

We award start-ups or entrepreneurial projects with a track record of less than 4 years, with a value proposition in the industrial field and manufacturing technologies. The award is given to both technology providers and users in the industrial sector.

E. Best Research and Development Project

Category aimed at rewarding research and development projects in the fields of artificial intelligence in manufacturing and industrial production processes. Projects that visualize the transformative impact through the use of machine learning technologies in transversal applications such as computer vision, maintenance, virtual assistants, contactless solutions and/or their combination with automation solutions or process robotization will be valued. The scale of the project includes industrial implementations, pilots and proofs of concept. The application must mention the start date and end date of the project, but it is not essential that the project has been completed.

F. Excellence in Sustainability, Eco-development, and Circular Economy

This category is aligned with the UN SDGs and recognizes the best projects in the field of industrial sustainability. Initiatives and solutions that promote the development of more efficient and sustainable processes, product life cycle optimization, recyclability and reuse of products or waste may be submitted. Solutions that favor decarbonization, reduction of the carbon footprint of the final product and its production process may be presented. The impact obtained will be positively valued.

05. PROPOSAL SUBMISSION

Proposals must be submitted by **February 21st** through **[this form](#)**, with the terms and conditions accepted online. Submissions require an abstract of fewer than 200 words, with an executive summary under 800 words explaining project vision, objectives, innovation description in relation to current technology, and positive impacts according to the industry profile targeted. A deployment plan with necessary resources (roles, skills, equipment) and changes for companies implementing the project is also highly valued.

Proposals may include attachments and images, limited to a 5MB document. Submissions must be in Spanish, Catalan, or English (other languages will not be evaluated).

06. EVALUATION CRITERIA

Proposals will be evaluated by expert judges based on **disruption and leadership**. The proposal should identify:

- Technological scope, sector, and project challenge
- Value proposition
- Innovation and disruptive nature
- Project team
- Project timeline and scaling plan

A description of the project's evolution and its escalation schedule will be valued.

07. EVALUATION PROCESS

The evaluation process has two phases:

PHASE 1: Compliance and Pre-selection

The Director of the Congress and the organization of Advanced Factories will carry out the first evaluation to check whether the submitted proposal meets the defined requirements and selection criteria. The evaluation process will be carried out by the members of the Committee of Experts individually, and will serve to select the finalists for each of the categories.

The shortlisted candidates will be informed from **March 11th, 2025**. If necessary, and exceptionally, the organization will request additional information to the candidate's proposal.

PHASE 2: Selección de ganadores

The Committee of Experts will meet in the days prior to the Awards Ceremony, evaluate the finalist projects and select the winner of each of the categories. Any award category may be declared void by the International Committee. The Committee may change the candidacy to a different category if it deems it more appropriate.





08. KEY DEADLINES

All proposals must be submitted by **February 21st, 2025**

The results will be communicated starting **March 11th, 2025**



09. PRIZES

The **Factories of the Future Awards 2025** will award the winners with the following prizes:

- Individual invitation to attend the Awards Ceremony for each of the finalists in each category..
- Presentation of the award accrediting the prize obtained and the corresponding category.
- Dissemination of each of the awards to the accredited media at AMT - Advanced Machine Tools 2025 and on the event's social networks..



10. INDUSTRIAL AND INTELLECTUAL PROPERTY

Participants are responsible for the authorship of the proposal submitted, he/she is the owner of the intellectual and, where appropriate, industrial rights. The participant undertakes not to violate intellectual property rights, industrial property rights, copyright and/or image rights, and assumes full responsibility for third parties: the organization is released from all liability.

If the proposal is a finalist, the participant authorizes the organization to disseminate, reproduce and publish his/her proposal in any format and by any means to publicize the Factories of the Future Awards 2025.

11. DATA PROTECTION

Due to the confidential nature of the information provided, the organizers, the coordinator and the members of the Technical and International Committees of the awards guarantee to preserve the identity of the participants and the content of their projects.

This also includes any information about their current status or development.

Once the project is selected as a finalist, the organizers of the awards may make public all details considered as public (name of the project, responsible organization, person in charge, web pages, description, purpose and category).

12. CONTACT INFORMATION

For any questions or suggestions regarding this Call for Awards or the Metal Industry 4.0 Congress, please contact us at:

- Phone: 00 34 93 492 38 02
- Email: congress.af@barter.es

If you are also interested in exhibiting or in knowing different options to participate in the AMT - Advanced Machine Tools, please contact us at:

- Phone: 00 34 919 551 551
- Email: exhibit@advancedtoolsexpo.com





ADVANCED MACHINE TOOLS



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