

# Redefining Automation with Green Tech

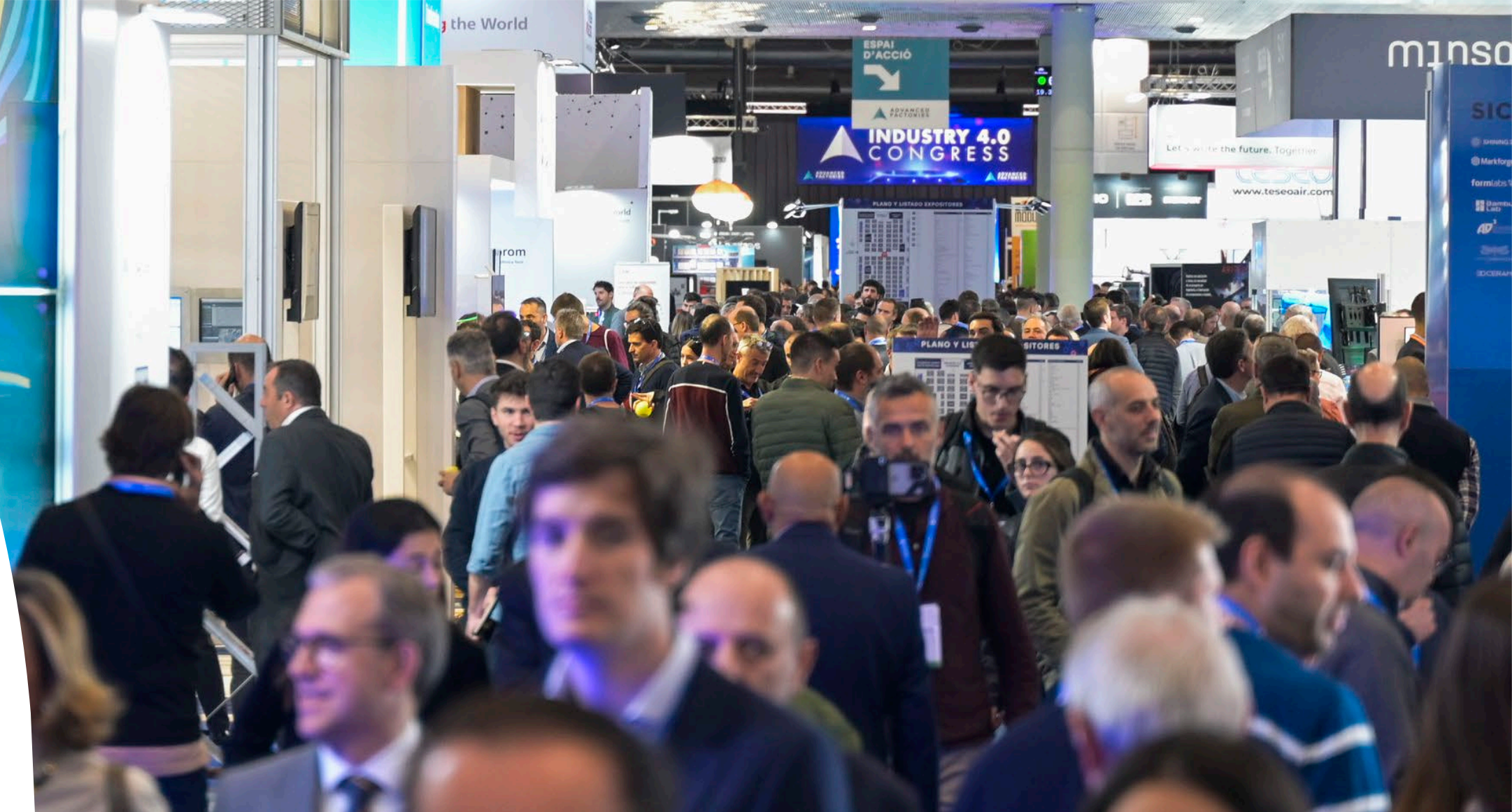
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# CALL FOR AWARDS

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## 01. FACTORIES OF THE FUTURE AWARDS 2025

The **Factories of the Future Awards 2025** are intended to recognize the work, leadership and transformation of those companies that are committed to innovation in industrial automation and digitization, focusing on the areas of business model, new products, equipment, communication management, operational processes, marketing or 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 carried out in collaboration with a technical committee formed by international experts.

## 03. WHO CAN PARTICIPATE

The **Factories of the Future Awards 2025** are aimed at all companies, universities, suppliers, executives, business schools, researchers, analysts, journalists, startups, accelerators, technology parks, innovation centers, etc. that are committed to innovation and constant improvement in emerging processes in the new era of Industry 4.0, as well as to disseminate ideas and experiences that are increasingly consolidated in the industrial sector.

Any organization is eligible for these awards, provided that it attests to its candidacy. The mission of these awards is to encourage and promote innovation in industrial automation, so there is no major restriction to participation for individuals and organizations in the Factories of the **Factories of the Future Awards 2025**, provided that this premise is met.

## 04. AWARD CATEGORIES

### **A. Leadership in the digital transformation of the industrial plant**

Awards are given to industrial companies that have carried out digital transformation, incorporating 4.0 technologies in their operations or management areas. The project submitted must be implemented by the closing date for nominations. The impact on production efficiency, sustainability and talent attraction is valued. It is necessary to include in the application the technical details of the implemented solutions.

### **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.

### **C. Most sustainable machine tool**

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

### **D. Most disruptive startup in the industrial field**

We award startups 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**

This category is intended to reward 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 start date and end date of the project must be mentioned in the application, 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 reusability 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. SUBMISSION OF PROPOSALS

Proposals must be submitted before **February 21st** through [this form](#) and must accept the terms and conditions included in the on-line form.

The proposal should consist of an abstract of less than 200 words. An executive summary of less than 800 words explaining the vision and objective of the project, the description of the innovation in relation to the state of the art and the positive impacts according to the target industry profile will be considered. The inclusion of the deployment plan carried out with a description of the necessary resources (talent -roles, skills-, equipment) and the changes it represents for the companies in which the project is implemented will be positively valued..

The proposal may be supplemented with attachments and photographs in a document of less than 5MB. The form and complementary documents must be submitted in Spanish, Catalan or English (proposals in other languages will not be considered).

## 06. EVALUATION CRITERIA

Proposals will be evaluated by the jury of experts according to the criteria of **disruption and leadership**. The proposal will be structured in such a way that it can be identified:

- The technological, sectoral and challenge scope of the project
- The value proposition
- Innovative and disruptive nature of the project
- Human team participating in the project

The description of the evolution of the project and its escalation schedule will be valued.

## 07. EVALUATION PROCESS

The evaluation process is divided into two phases:

### **PHASE 1: Compliance with the regulations and pre-selection.**

The Congress Director and the Advanced Factories organization will carry out the first evaluation to check if the entered proposal meets the defined requirements and selection criteria. The evaluation process will be carried out by the members of the Expert Committee individually and will be used to choose the finalists in each of the categories.

The shortlisted candidates will be informed as of **March 11th, 2024**. If necessary, and exceptionally, the organization will request additional information to the candidate's proposal..

### **PHASE 2: Selection of winners**

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



## 08. KEY DEADLINES

All proposals must be submitted before **February 21<sup>st</sup>, 2025**

The outcome of the proposals will be communicated as of **March 11<sup>th</sup>, 2025**

## 09. PRIZES

The **Factories of the Future Awards 2025** will honor the winners with the following awards:

- Individual invitation to attend the Awards Ceremony for each of the finalists in each category.
- Delivery of the award accrediting the prize obtained and the corresponding category.
- Dissemination of each of the awards to the accredited media in Advanced Factories 2025 and in 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 Industry 4.0 Congress, please contact us at:

- Phone: 00 34 93 492 38 02
- Email: [congress.af@barter.es](mailto:congress.af@barter.es)

If you are also interested in exhibiting or in learning about different Advanced Factories participation options, please contact us at:

- Phone: 00 34 919 551 551
- Email: [exhibit@advancedfactories.com](mailto:exhibit@advancedfactories.com)







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