



Rules of Contest

Industry 5.0 Award



EUROPEAN COMMISSION

DG Research and Innovation

Directorate E - Prosperity

Unit E4 – Industry 5.0

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1. About the Award

Industry 5.0 provides a vision of the future of European industry, which aims to achieve societal goals beyond jobs and growth, to become a resilient provider of prosperity, by making production respect the boundaries of our planet and placing the wellbeing of the industry worker at the centre of the production process.

The Industry 5.0 Award provides a non-monetary recognition to EU-funded projects that make an outstanding contribution to building a more human-centric, sustainable and resilient European industry. This could be by means of developing innovative technologies, industrial or supply chain processes, new business models, or by advancing the understanding of human-centricity, sustainability and resilience in industry.

The concept of the award is prepared in collaboration with European Factories of the Future Research Association (EFFRA), industrial platform MANUFUTURE, European Innovation Council and SMEs Executive Agency (EISMEA) and EIT Manufacturing (European Institute of Innovation and Technology).

Participating projects will be evaluated on the contribution they make to respectively the human-centricity, sustainability and resilience of industry, and on the way the project manages to integrate these three aspects and apply them in an industrial context.

The winning project, as well as the two other finalists will receive communication support and visibility on the European Commission's channels, including social media publicity and an article in the *Horizon Magazine*.

Projects should be able to present a convincing and inspiring solution, addressing Industry 5.0's three main pillars: human-centricity, sustainability and resilience. Projects should clearly be applicable in industry. Ideally, they would cover multiple industrial sectors and geographically dispersed industrial actors. Projects involving deep-tech¹ start-ups are particularly encouraged to participate. Projects should have an effective approach to a wide dissemination of results and reach out to a large base of industrial and other relevant stakeholders. The project's results should be replicable and the ease of uptake of the presented solution should be addressed.

A project's contribution to human centricity could be demonstrated by projects improving worker safety, wellbeing or empowerment; enhancing the skilling and re-skilling of workers, the organizational learning environment or closing skills gaps; providing new tools and capabilities or designing technology from a human-centric approach. Close involvement of workers or worker associations in the project could be a strong plus.

A project's contribution to sustainability could be addressed by means of circular business models, techniques to reduce waste, the application of green technologies, energy or materials (e.g. the use of CO₂, solar energy or neutral materials), improved resource and/or energy efficiency or socio-economic sustainability.

Projects could improve resilience in industry by developing digital techniques for flexible and adaptable production methods (including digital twins, haptic technologies, reconfigurable collaborative robotics, additive manufacturing, etc.). They could do so by digitalising the industrial ecosystem (including data exchange with customers and/or suppliers) or allowing for remote operation; by improving the flexibility and robustness of supply chains, or by increasing organisational resilience by improving industrial knowledge, risk or crisis management.

¹ Deep tech innovations – cutting-edge technological solutions combining fields of science and engineering in the physical, biological and digital spheres ([The Initiative | EIT Deep Tech Talent Initiative](#))

2. Timetable and deadlines

Timetable and deadlines	
Submission opening:	15 May 2023
<u>Deadline for submission:</u>	<u>15 September 2023 – 17:00 CET (Brussels), strict deadline</u>
Pre-selection and evaluation:	By Mid-October 2023
Panel interviews in Brussels for the three finalists:	Second half of October 2023
Information on evaluation results/ award:	End of October 2023

3. Admissibility and documents

Applications must be submitted before the **submission deadline**.

Applications must be submitted **electronically** via the following email address: RTD-INDUSTRY-5.0_AWARD@ec.europa.eu

Your application must be **readable, accessible, printable**.

Application must be submitted by using the default formatting of the application form (font Times New Roman 12, 1,5 spaced, normal margin, paper size A4).

Applications are limited to maximum **5 pages**. Applications may contain hyperlinks to relevant websites. Evaluators will not consider any additional pages.

4. Eligibility

In order to be eligible, projects:

- must have obtained funding by **Horizon 2020** or **Horizon Europe** framework programmes or the **EIT** (European Institute on Innovation & Technology) or have obtained a Seal of Excellence² from Horizon Europe (in which case the certificate should be attached to the application form).
- the official start date must not be before **1 September 2018**
- must explicitly address the application of their results in the **industrial sector**.

Application is open to project participants in all current Member States and countries currently associated to the Framework Programme.

² https://research-and-innovation.ec.europa.eu/funding/funding-opportunities/seal-excellence_en

5. Evaluation and award procedure

Applications will be subject to an evaluation by a **jury**.

Three finalists will be invited to present their project with a panel jury taking place in Brussels in the second half of October 2023.

All applications will be informed about the evaluation result.

5. Award criteria

If admissible and eligible, the applications will be evaluated and ranked against the following **award criteria**:

- **award criterion 1: Contribution to human-centricity**
- **award criterion 2: Contribution to sustainability**
- **award criterion 3: Contribution to resilience**
- **award criterion 4: Integration of criteria 1, 2 and 3 into a holistic contribution in terms of vision , inspirational power & cross-over effect**

Award criteria	Minimum pass score	Maximum score
Contribution to human-centricity	3	10
Contribution to sustainability	3	10
Contribution to resilience	3	10
Integration, inspirational power & cross-over effect	6	20
Overall (pass) scores	15	50

Maximum points: 50 points.

Overall threshold: 15 points.

Applications must pass both the individual thresholds AND the overall threshold. The award will be awarded to the application with the best scores. The decision of the jury will be final.