

JARVIS Open Call 2: Funding for Human-Robot Interaction - SME end user with components for aerospace applications sought

Summary

Profile type

Research & Development Request Germany

Company's country

POD reference

RDRDE20260611011

Profile status

PUBLISHED

Type of partnership

Research and development cooperation agreement

Targeted countries

• All countries

Contact Person

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Term of validity

11 Jun 2026**11 Jun 2027**

Last update

11 Jun 2026

General Information

Short summary

A German research institute with experience and expertise in human-robot interaction, and a German robotics SME plan to submit a project in the Cascade call: JARVIS Open Call 2: Track 2 – External Pilots. They are looking for an SME that would like to optimise surface finishing on components for aerospace applications. The SME would join the project as use case provider and benefit from robotic support for more efficient grinding, polishing, thread cutting etc.

Full description

A German research institute with experience and expertise in human-robot interaction, and a German robotics SME would like to submit a project in JARVIS Open Call 2: Track 2 – External Pilots. This call offers funding for human-robot interaction innovators to co-develop and pilot advanced robotic solutions in industrial environments. It targets micro-consortia composed of a technology provider and a use case provider (an industrial company that provides its own operational environment for testing).

The present consortium consists of the German robotics SME that would be technology provider and the institute that would be technology integrator. They are looking for the use case provider with the following profile:

- SME
- Manufacturer of components for the aerospace industry
- Facing challenges in surface finishing (polishing, grinding, thread cutting, etc.)
- Interested in tackling this challenge with robotics

Partners from countries geographically close to Germany are preferred.

About JARVIS

JARVIS is a Horizon Europe-funded research project focused on advancing Human-Robot Interaction (HRI) in industrial environments in a human-centric manner. The project develops and validates intelligent robotic solutions that support agile manufacturing and inspection and maintenance operations in complex industrial settings.

The JARVIS objectives include:

- Developing AI-enhanced means of interaction for seamless human-robot communication and control.
- Building socially interactive robots, ensuring security, privacy and safety in trustworthy AI.
- Developing cognitive and intelligent mechatronics for advanced HRI and dynamic scene understanding.
- Implementing HRI in large-scale pilots.
- Boosting companies to adopt industrial HRI solutions.

Submission deadline for Track 2 (External Pilots) is 10 July 2026 at 17:00 CET

Advantages and innovations

The end-user would among others benefit from a module with intermodular interaction and robots that can be controlled by voice command. Processes would be more efficient and machines could remain in use for a longer period. Work safety would be increased.

Technical specification or expertise sought

Stage of development

Under development

Sustainable Development goals

- **Goal 9: Industry, Innovation and Infrastructure**
- **Goal 12: Responsible Consumption and Production**

IPR Status

IPR Notes

Partner Sought

Expected role of the partner

Manufacturer of components for the aerospace industry facing challenges in surface finishing (polishing, grinding, thread cutting, etc.), interested in tackling this challenge with robotics
The entities must be legally established in an EU Member State or Horizon Europe Associated Country and hold a valid VAT number.
SMEs from countries neighbouring Germany are preferred to minimise travel and transport

Type of partnership

Research and development cooperation agreement

Type and size of the partner

- **SME <=10**
- **SME 50 - 249**
- **SME 11-49**

Call Details

Framework program

Horizon Europe

Call title and identifier

JARVIS Open Call 2: Funding for Human-Robot Interaction Innovators to Co-Develop and Pilot Advanced Robotic Solutions in Industrial Environments. Track 2 – External Pilots

Submission and evaluation scheme

Anticipated project budget

130

Coordinator required

No

Deadline for EoI

22 Jun 2026

Deadline of the call

10 Jul 2026

Project duration in weeks

40

Web link to the call

<https://cascadefunding.eu/jarvis-open-call-2-funding-for-human-robot-interaction-innovators-to-co-develop-and-pilot-advanced-robotic-solutions-in-industrial-environments/>

Project title and acronym

Dissemination

Technology keywords

- **02003003 - Component integration**
- **02011001 - Aeronautical technology / Avionics**

Targeted countries

- **All countries**

Market keywords

- **08002004 - Robotics**
- **08001009 - Speciality/performance materials: producers and fabricators**

Sector groups involved