

A Spanish technology centre is seeking SME partners (technology provider and end-user) for the JARVIS Open Call 2 – External Pilots.

Summary

Profile type

Research & Development Request Spain

Company's country

POD reference

RDRES20260608006

Profile status

PUBLISHED

Type of partnership

**Research and development
cooperation agreement**

Targeted countries

• All countries

Contact Person

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Term of validity

8 Jun 2026**8 Jun 2027**

Last update

8 Jun 2026

General Information

Short summary

A Spanish technology centre is preparing a proposal to the JARVIS Open Call 2 - Track 2: External Pilots, focused on the development and validation of innovative human-robot interaction solutions integrating JARVIS technologies in new industrial operational contexts. The centre, acting as technology integrator, looks for an SME technology provider acting as lead partner and main developer of the core solution; and an SME end-user providing the operational testbed and validating the solution.

Full description

A Spanish technology centre and industrial cluster is preparing a project proposal to the JARVIS Open Call 2 - Track 2: External Pilots.

JARVIS aims to advance user-centric human-robot collaboration through AI-driven multimodal interaction, robot control and programming interfaces, and reusable modules that can be integrated into new industrial scenarios. The External Pilots track supports micro-consortia that can demonstrate the applicability, replicability and sustainability of JARVIS technologies beyond the original project pilots. The proposed pilot must address a concrete industrial challenge, integrate at least one JARVIS module, and reach TRL7 by the end of the 10-month programme through validation in an operational or representative environment.

They are looking for two complementary partners:

- an SME technology provider acting as lead partner and main developer of the core solution
- an SME end-user / use-case provider, providing the operational testbed and validating the developed solution

The technology centre will act as technology integrator, supporting the integration of the selected JARVIS module and the pilot validation activities.

The technology centre would like to prepare a project proposal to be submitted under either Challenge 1: Worker-centered collaborative robotics applications for physically demanding tasks in manufacturing environments, or Challenge 2: Adaptive human-robot interaction in complex manufacturing processes, depending on the final pilot definition and the selected use case.

Advantages and innovations

This opportunity enables SMEs to accelerate the development and validation of advanced human-robot interaction solutions in real operational environments. The Spanish technology centre brings extensive experience in the integration of collaborative robotics solutions and in supporting companies in their effective adoption through tailored training and technical guidance. In this context, the centre would act as an integration partner and facilitator between the technology provider and the SME end-user, ensuring that the proposed solution is properly adapted to the operational setting, while also providing the necessary training to support its deployment, use and validation in practice.

Technical specification or expertise sought

Partners expressing interest must fit one of the following profiles. It is essential that the technology provider and the end-user / use case provider are SMEs or start-ups, legally established in an EU Member State or Horizon Europe Associated Country, with a valid VAT number or equivalent, and established for at least one year before submission.

-SME technology provider: A technology SME with proven capacity in robotics, AI, HRI (Human-Robot Interaction), cobotics, exoskeletons, ROS2 (Robot Operating System 2)-based systems, or advanced digital/robotic solutions. This partner will be the primary innovator, lead developer and main exploiter of the core solution.

-SME end-user / use case provider – An industrial SME, infrastructure-owning SME or operational SME able to provide a real or representative testbed, define the use case and operational requirements.

Stage of development

Under development

Sustainable Development goals

- **Goal 3: Good Health and Well-being**
- **Goal 12: Responsible Consumption and Production**
- **Goal 17: Partnerships to achieve the Goal**
- **Goal 8: Decent Work and Economic Growth**

IPR Status

No IPR applied

IPR Notes

Partner Sought

Expected role of the partner

They are looking for two European SME partners: (1) an SME technology provider that will act as lead partner and main developer of the proposed HRI/robotics solution; and (2) an SME end-user / use case provider that will provide

the operational environment, define the industrial challenge and validate the solution. The Spanish technology centre will participate as technology integrator in the consortium. Large companies are not sought for the mandatory SME roles. Particular consideration will be given to Spanish SMEs expressing interest in joining the proposal.

Type of partnership

Research and development cooperation agreement

Type and size of the partner

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

Call Details

Framework program

Digital Content

Call title and identifier

JARVIS Open Call 2 - Track 2: External Pilots (HORIZON-CL4-2023-DIGITAL-EMERGING-01-02).

Submission and evaluation scheme

Anticipated project budget

130

Coordinator required

No

Deadline for EoI

20 Jun 2026

Deadline of the call

10 Jul 2026

Project duration in weeks

45

Web link to the call

<https://jarvis-project.eu/stream-2-external-pilots/>

Project title and acronym

Dissemination

Technology keywords

- **01002011 - Quantum Informatics**
- **01003009 - Data Protection, Storage, Cryptography, Security**
- **01003002 - Archivistics/Documentation/Technical Documentation**
- **01003006 - Computer Software**

Targeted countries

- **All countries**

Market keywords

- **02007020 - Artificial intelligence programming aids**
- **02006008 - Data storage**
- **02007016 - Artificial intelligence related software**
- **02006004 - Data processing, analysis and input services**
- **02007021 - Other Artificial intelligence related**

Sector groups involved