

# Horizon Europe partnership request for project coordination in generative AI and robotics for industrial automation

## Summary

Profile type

**Research & Development Request**

Company's country

**Germany**

POD reference

**RDRDE20250723018**

Profile status

**PUBLISHED**

Type of partnership

**Research and development  
cooperation agreement**

Targeted countries

**• World**

Contact Person

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Term of validity

**23 Jul 2025****23 Jul 2026**

Last update

**23 Jul 2025**

## General Information

### Short summary

A Berlin-based SME in artificial intelligence is seeking a coordinating partner for a Horizon Europe project under Cluster 4, Destination 4. The existing partners (11) aim to develop trustworthy generative AI for dual-arm industrial robots. The partner should be an experienced institute or agency with a strong track record in managing Horizon Europe consortia and coordinating large-scale EU-funded projects.

### Full description

A Berlin-based SME specializing in artificial intelligence is participating as a partner in an Horizon Europe proposal. The planned project is part of the Cluster 4 / Destination 4 call, which focuses on achieving open strategic autonomy in digital and emerging enabling technologies.

The goal is to develop a new generation of trustworthy, robust, and explainable generative AI-powered robotics for industrial automation.

The project will create a dual-arm mobile robotic platform equipped with spatial AI and advanced perception, capable of performing complex industrial tasks that traditionally require human dexterity. Key objectives include:

Developing a generative AI framework with explainable and verifiable capabilities.

Integrating advanced laser-based tooling for precision polishing and finishing.

Demonstrating safe and adaptive human-robot collaboration in real-world industrial environments.

Validating the system in two industrial pilot settings: discrete manufacturing and surface treatment.

Supporting European leadership in trustworthy industrial AI, aligned with the AI Act and Made in Europe Partnerships. The project will deliver significant scientific, technological, economic, societal, and policy impacts. These include advancing explainable AI for robotics, improving productivity and safety in manufacturing, and contributing to EU leadership in human-centred AI.

The project is structured as a Research and Innovation Action (RIA), with 100% funding of direct costs. The European Commission estimates a total contribution of EUR 40–45 million, with at least EUR 10 million allocated to financial support for third parties. Activities are expected to start at Technology Readiness Level (TRL) 2 and reach TRL 6 by the end of the project. The estimated duration is approximately 36 months. An existing consortium of 11 partners from research and industry across Germany, the UK, and Canada is already in place. The consortium is now seeking an experienced coordinating partner to lead the project. Expressions of interest are invited until 10 August 2025, with the official call deadline on 2 October 2025.

#### Advantages and innovations

#### Technical specification or expertise sought

#### Stage of development

**Under development**

#### Sustainable Development goals

• **Goal 9: Industry, Innovation and Infrastructure**

#### IPR Status

#### IPR Notes

## Partner Sought

#### Expected role of the partner

The consortium is seeking an experienced institute or agency to take on the role of project coordinator. The ideal partner should have a strong track record in managing large-scale, multi-country research projects under Horizon 2020 or Horizon Europe. Geographic location is not a limiting factor. The partner is expected to: Coordinate the

overall project, including administrative, legal, and financial management. Ensure compliance with Horizon Europe rules and reporting requirements. Facilitate communication and collaboration among the 11 consortium partners. Lead or support dissemination, exploitation, and standardisation activities. Contribute to strategic alignment with EU policies such as the AI Act and Made in Europe Partnerships. Support the implementation of financial support to third parties, ensuring transparency and compliance. The partner should have deep knowledge of EU funding mechanisms, experience in coordinating TRL 2–6 projects, and the capacity to manage complex, interdisciplinary consortia. Familiarity with AI, robotics, or industrial automation is a plus but not mandatory.

## Type of partnership

**Research and development cooperation agreement**

## Type and size of the partner

- **SME <=10**
- **SME 50 - 249**
- **Other**
- **SME 11-49**
- **University**
- **R&D Institution**
- **Big company**

## Call Details

## Framework program

**Coordination of Research Activities**

## Call title and identifier

**HORIZON-CL4-2025-03-DIGITAL-EMERGING-07: Robust and trustworthy GenerativeAI for Robotics and industrial automation**

## Submission and evaluation scheme

**single-stage**

## Anticipated project budget

**40-45 Mio.**

## Coordinator required

**Yes**

## Deadline for EoI

## Deadline of the call

10 Aug 2025

2 Oct 2025

Project duration in weeks

Web link to the call

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/to-pic-details/HORIZON-CL4-2025-03-DIGITAL-EMERGING-07?isExactMatch=true&status=31094501,31094502,31094503&callIdentifier=HORIZON-CL4-2025-03&order=DESC&pageNumber=1&pageSize=10>

Project title and acronym

tbd

## Dissemination

Technology keywords

Market keywords

- **09003005 - Consulting services**
- **01006005 - Other communications (not elsewhere classified)**

Targeted countries

Sector groups involved

- **World**

- **Digital**