



FORTIS PROJECT ANNOUNCES €2 MILLION OPEN CALL TO ADVANCE HUMAN-ROBOT INTERACTION TECHNOLOGIES

WHAT IS OC#1?

The FORTIS project has launched its first open call, **FORTIS OC#1: Boosting Development of the FORTIS Solution**, to stimulate innovation in human-robot interaction and activity recognition. With a total budget of €2,000,000, the Open Call will support up to 8 projects, each receiving a maximum of €250,000, to integrate and validate advanced solutions within the FORTIS framework.

This initiative seeks to engage universities, research and technology organizations (RTOs), mid-caps, small and medium-sized enterprises (SMEs), and startups to contribute to the development of the FORTIS solution. The call specifically targets multidisciplinary consortia of 2-3 entities, with a mandatory inclusion of at least one SME, to foster collaborative technological advancement.

KEY DETAILS OF FORTIS OC#1:

Key Details of FORTIS OC#1:

- **Open Call Period:** April 1, 2025, to June 4, 2025
- **Funding Period:** September 2025 to June 2026
- **Total Budget:** €2,000,000
- **Funding per Project:** Up to €250,000 (maximum requested per participant €200,000)
- **Project Duration:** 10 months, structured in three sprints (3, 4, and 3 months)
- **Number of Projects Funded:** 8
- **Eligibility:** Multidisciplinary consortia of 2-3 entities, including at least one SME.
- **Geographic Eligibility:** EU Member States, H2020/HEU Associated Countries, and Overseas Countries and Territories linked to Member States.
- **Evaluation:** Milestone-based evaluation with mentor oversight at the conclusion of each sprint, and phased payments contingent upon successful sprint completion.



**#1
OPEN CALL**
April- June 2025



**8 PROJECTS
FUNDED**



UP TO € 250K
Per project



**10 MONTHS
PROGRAMME**


FORTIS

FOCUS AREAS:

The call invites proposals addressing the following topics within the FORTIS project:

Topic 1: Activity Recognition

- 1.1 Human Activity Recognition Using Non-wearable Sensors
- 1.2 Human Activity Recognition Using Wearable Sensors

Topic 2: Long-term Memory

- 2.1 Memory Consolidation and Forgetting Mechanisms
- 2.2 Lifelong and Continual Learning for Personalized Adaptation

Topic 3: Enhancing Robotic Intelligibility Through Directional Audio and Visual Effects

- 3.1 Spatialized and Adaptive Audio for Robot Communication
- 3.2 Visual Cues for Enhanced Intelligibility

Topic 4: Multimodal semantic segmentation/perception

ELIGIBLE SECTORS:

Applicants should be active in sectors including computational and artificial intelligence, autonomous and intelligent robotics, human-robot interaction, Internet of Things (IoT), activity recognition, and related areas.

CONSORTIUM REQUIREMENTS:

- Consortia must consist of entities from at least two different eligible countries.
- Each consortium must include at least one SME.
- Non-industry partners (RTOs and universities) are limited to a maximum of 30% of the total project budget.

EVALUATION AND FUNDING:

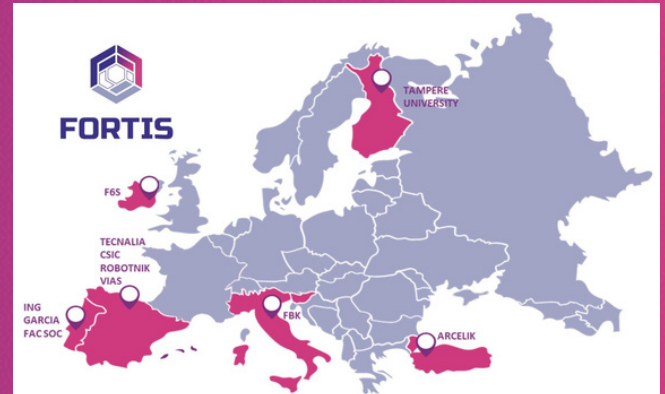
Projects will be evaluated based on their innovation, feasibility, and potential contribution to the FORTIS ecosystem. Funding will be disbursed in three installments (30%, 40%, and 30%) upon successful completion of each sprint.

APPLICATION INFORMATION:

Detailed application guidelines and eligibility criteria will be available on the FORTIS project website: <https://fortis-project.eu/open-call-1/>. Apply via: <https://www.f6s.com/fortis-project-opencall-1/apply>.

NEED ASSISTANCE?

For any questions regarding the FORTIS Open Call #1, please contact us at: opencall@fortis-project.eu



Funding Support

Up to € 250,000



Technical Assistance

Up to € 250,000 per project Expert advisory services on HRI integration, regulatory compliance, prototyping and innovation scalability



Real-world validation

Pairing with FORTIS user cases for direct industry testing and iterative improvements



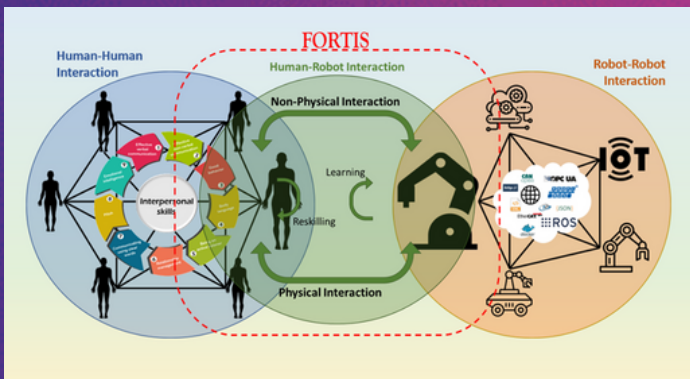
Integration and Scalability

Guidance on expanding and integrating solutions beyond the pilot phase


FORTIS

ABOUT FORTIS:

The FORTIS project is an EU-funded initiative that addresses the development of a solution to help and support the human at work and provide additional ability to the whole workforce. The robot technologies are one of the key-enabling technologies that provide such support. In more detail, human-robot interaction (HRI) is an essential aspect for deploying robots to support humans while keeping the human-in-the-loop. Nonetheless, the challenge in the interaction with the human should be holistic and encapsulate all human interaction aspects. Thus, the consortium of FORTIS aims to provide a solution that allows robots to interact with humans in a human-like way for long periods of time.



FORTIS IN A NUTSHELL:

- FORTIS will work on the creation of comprehensive interaction between humans and robots, encompassing both physical and non-physical communication.
- FORTIS will study how humans interact with each other, model human behaviour and understand the factors that influence human trust in robots.
- FORTIS will provide a solution for testing and experimenting with new human-robot collaboration and interaction scenarios.
- FORTIS will develop HRI systems that are more effective, user-friendly, and context-aware, allowing robots to work together with humans in a coordinated manner.

FORTIS			
HUMAN		ROBOT	
Human-centered data collection and annotation	Human behavioral cognition and activities perception	Robotics and IoT hardware	Robotics and IoT Software
Contextual human-robot information exchange	Adaptive human-robot multi-modal communication	Robotic behavioral intelligibility and adaptation	Dynamic and reconfigurable multi-robotic system
HUMAN-ROBOT Trustworthy			
Human-Robot Digital Twins	Human-safe and private solution watchdog	Rapid and agile resources allocation optimization	

CONTACT:

Open Call manager: Daniela Fonseca opencall@fortis-project.eu

Communication manager: Fernando Castaño info@fortis-project.eu

DISCLAIMER

This project has received funding from the European Union's Horizon Europe Research and Innovation Programme under Grant Agreement 101135707



SOCIAL MEDIA CHANNELS:



[@FORTISPROJECTEU](https://twitter.com/FORTISPROJECTEU)



[/FORTIS-PROJECT](https://www.linkedin.com/company/fortis-project/)



[@FORTIS-PROJECT](https://www.youtube.com/channel/UCv3v3v3v3v3v3v3v3v3v3v3)



fortis-project.eu/

