🌐 www.jarvis-project.eu

▶️ @JARVISHorizonEuropeProject
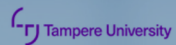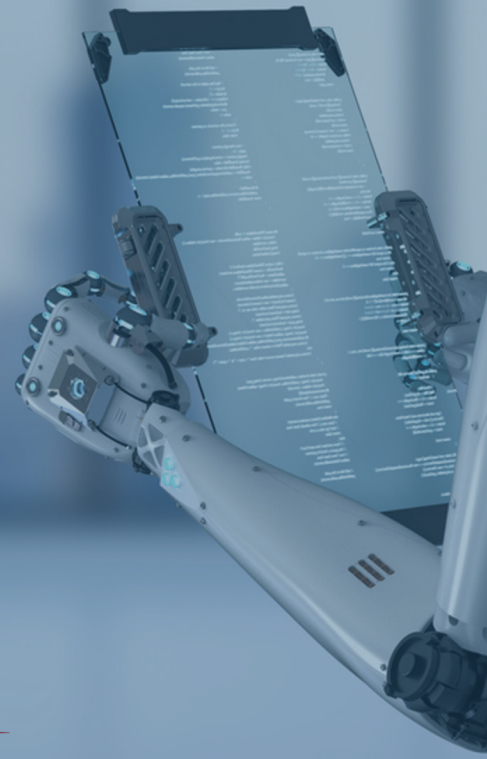
✉️ jarvis@jarvis-project.eu

🔗 Jarvis

𝕏 @jarvis_eu1

Funded by
the European Union

JARVIS

PARTNERS

We are a consortium of **16 partners** from diverse corners of 11 European countries.

LMS
Laboratory for
Manufacturing Systems
& Automation

tecnalia
MEMBER OF BASQUE RESEARCH
& TECHNOLOGY ALLIANCE

cea

Tampere University

KUKA

netcompany
intrasoft

Collins Aerospace
An RTX Business

SINTEF

TOFAŞ
TÜRK OTOMOBİL FABRİKASI A.Ş.

Cranfield University

edf

FGS

cecimo
European Association of Manufacturing Technologies

Teaching Factory

equinor

![JARVIS logo]

ADVANCING HUMAN-ROBOT COLLABORATION THROUGH AI IN A USER-CENTRIC MANNER

JARVIS, a 4-year project funded by the **Horizon Europe Programme** under LMS coordination, is set to create Scientific, Economic, and Social impacts in human-robot collaboration. The project spans across four distinct use-cases, highlighting its versatile applicability across sectors and redefining traditional production lines.

SCAN HERE

[QR code with LinkedIn logo]

2 OPEN CALLS

FOR SMES

21 SUCCESSES

LAUNCH IN 2025

OBJECTIVES

1 INTERFACES FOR PHYSICAL AND REMOTE INFORMATION EXCHANGE, ROBOT CONTROL, AND PROGRAMMING

2 PROVIDING SOCIAL SKILLS TO ROBOTIC PLATFORMS

3 DEMONSTRATING SCALABILITY OF THE APPLICATION AND ACHIEVING ECONOMIES AT SCALE

4 DEVELOPMENT OF COGNITIVE AND INTELLIGENT MECHATRONICS

OPEN CALLS GOALS

✓ **Stimulate the engagement of SMEs**

in **testing** and **validating** innovative solutions in the JARVIS Pilots.

✓ **Extend the adoption**

of the developed tools, systems and solutions by **external industry/SMEs** representing different use-cases/sectors where HRI is a necessity

✓ **Support the development of JARVIS solutions**

through provision of feedback and lessons learnt

4 USE CASES

AERONAUTICS   **AUTOMOTIVE**   **NUCLEAR ENERGY**   **OFFSHORE ENERGY**

PILLAR 1: AGILE MANUFACTURING

PILLAR 2: INSPECTION & MAINTENANCE