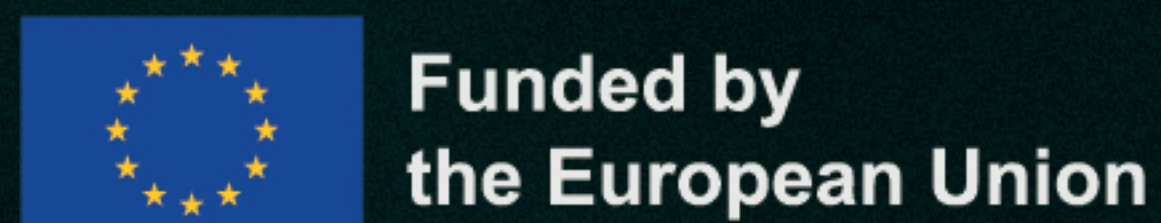
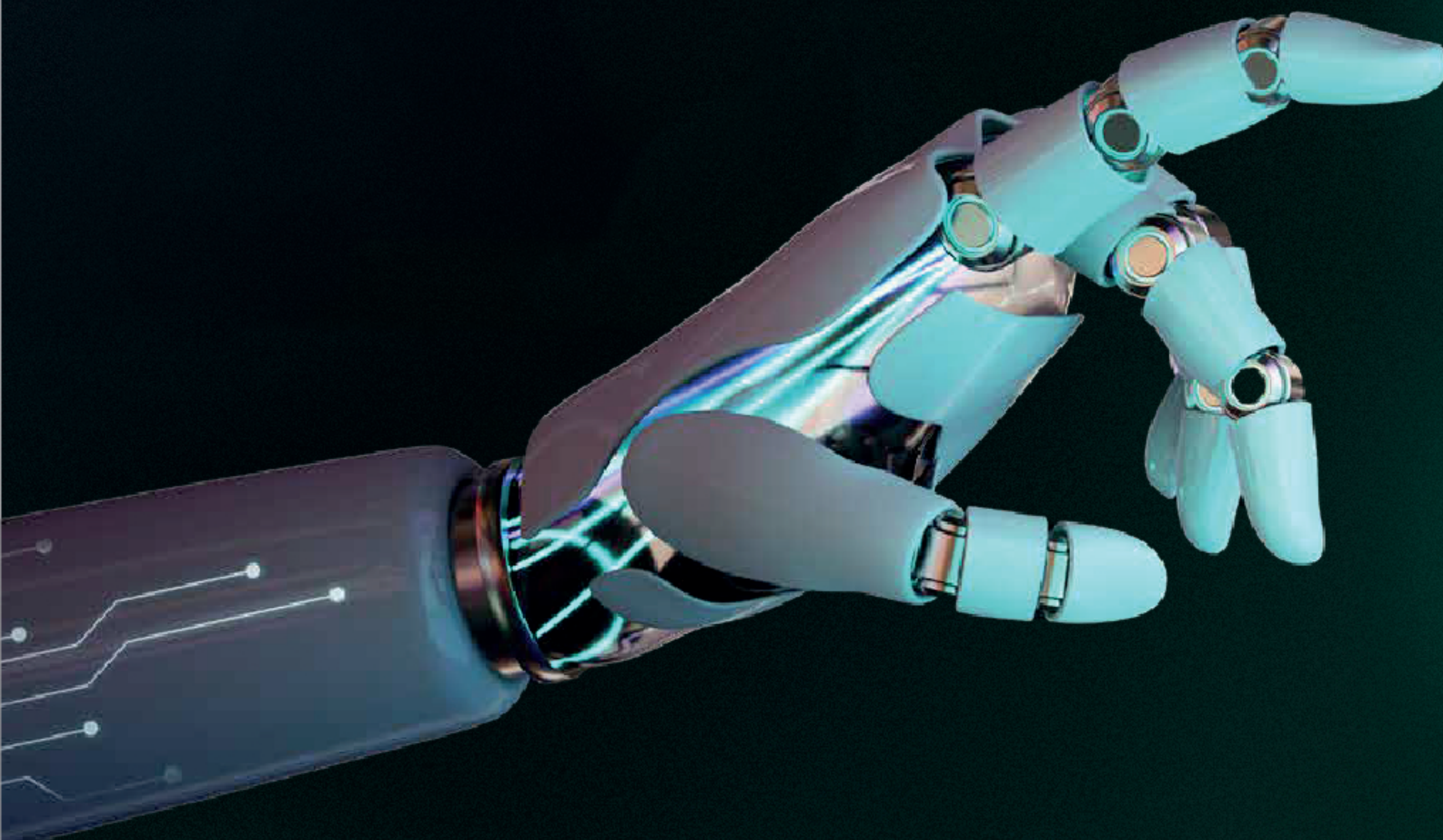




THE TRANSITIONS TOWARDS INDUSTRY 5.0

HORIZON EUROPE



This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101135948

ABOUT PROJECT

The **PROSPECTS 5.0** project aims to promote the adoption of Industry 5.0 principles, such as human-centricity, sustainability, and resiliency, and facilitate the transition to Industry 5.0 for SMEs, start-ups, and scale-ups in various industries.

OBJECTIVES

Objective 1:

Creating an open and resilient ecosystem to perform additive knowledge build-up

Objective 2:

Developing an Industry 5.0 Assessment Framework based on a multi-sectorial and multi-stakeholders' engagement and co-creation processes

Objective 3:

Conducting an evidence-based analysis on implementation practices, drivers, success factors, bottlenecks and obstacles regarding the adoption of Industry 5.0 principles

Objective 4:

Providing measurement and adaptation tools for industry leaders and policy-makers at national and European level to increase the uptake of the Industry 5.0 principles

Objective 5:

Accelerating the adoption of results by transferring them to relevant actors

ABOUT CONSORTIUM



30 PARTNERS

Academia,
RTOs, industries
& SMEs



17 COUNTRIES

EU member
states and
Associated
countries



14 USE CASES

Different
sectors,
company sizes,
countries



6 INDUSTRY SECTORS

Manufacturing, IT
service, education,
energy, aviation
and automotive



8 ADVISORY BOARD MEMBERS

Industry and
academic experts

One of the main features of PROSPECTS 5.0 is the study of a broad range of use cases with different maturity level, from different European Union countries, and from different sectors of a great significance in the European economy.

Studying a diverse range of use cases will provide benefits and insights for stakeholders and companies looking to transition towards Industry 5.0.

Inspire from our use cases

- Learn from real-world examples and get encouraged
- Identify common themes and patterns of successful uptake of Industry 5.0
- Build a network of knowledge-sharing

[Learn more](#)



USE-CASE



AMF Portugal

Integrating smart technology for efficient and eco-friendly safety footwear

Maturity level: Early stage



B.BRAUN Italy

Cobots-assited and collaborative assembly of biomedical devices

Maturity level: Intermediate stage



CAMELEO Poland

Exoskeleton solutions for human-centred production of customized decorative coatings

Maturity level: Early stage



EFESTO France

Complex Hybrid Propulsion System for Sustainable and Resilient Aviation

Maturity level: Advanced stage



ELMI Latvia

Sustainable, resilient and Human-Centric Approaches in ELMI's Laboratory Equipment Production

Maturity level: Intermediate stage



GTW Czechia

Innovative solutions for Efficient, human-centred and Sustainable Bearing Manufacturing

Maturity level: Early stage



KNOWIT Norway

Knowledge Industry Workers and Digital Transformation

Maturity level: Advanced stage



OCTAVE Belgium

Smart Circular Energy Storage with Second-life Batteries

Maturity level: Intermediate stage



S-GARD Germany

Intelligent Sewing Machines for craft education and knowledge preservation

Maturity level: Intermediate stage



SMARALD Romania

Smart jewellery Factory: Autonomous Manufacturing with Collaborative Robots and Advanced Data Analytics

Maturity level: Early stage



STRITEC Austria

Human Knowledge Integration for AI-based Welding Process Optimization

Maturity level: Intermediate stage



TEKNOROT Türkiye

Smart Vehicle Suspension Systems with high traceability and advanced data analytics

Maturity level: Early stage



TRYGONS S.A. Greece

Implementing Industry 5.0 technologies to automate processes in large and complex composite parts manufacturing

Maturity level: Intermediate stage



ZEUKO Spain

Improving Crane Sustainability and Resilience with Context-Aware Structural Health Monitoring

Maturity level: Intermediate stage

WANT TO BECOME A PART OF THE TRANSITION TOWARDS INDUSTRY 5.0?

PARTICIPATE IN KNOWLEDGE CO-CREATION THROUGH INDUSTRY 5.0 COMMUNITY OF INTEREST

What are the benefits?

Share experience on Industry 5.0, provide feedback on current practices and studies, participate in project events, establish links with engaged stakeholders.

Who are invited?

EDIHs, representatives of EU working groups covering Industry 5.0 concepts.

IMPROVE UNDERSTANDING OF INDUSTRY 5.0 PARADIGM THROUGH ONLINE COLLABORATIVE PLATFORM - INDUSTRY 5.0 WIKI

What are the benefits?

Read useful articles from experienced stakeholders, contribute by adding articles based on your practical knowledge.

Who are invited?

Everyone interested in or experienced with Industry 5.0 from research, business, policymaking communities

LEARN HOW TO ADOPT INDUSTRY 5.0 IN PRACTICE from Industry 5.0 assessment reports

What are the benefits?

Learn about Industry 5.0 implementation practices, drivers and impacts, adoption factors, benefits

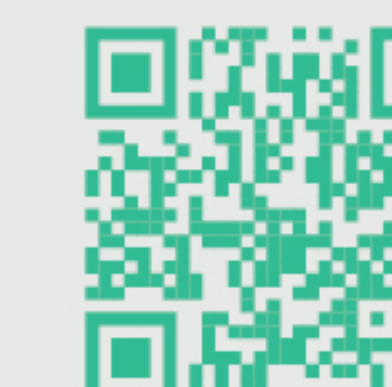
Who are invited?

SMEs, start-ups, scale-ups, local innovation ecosystems (innovation hubs, accelerators, incubators).

Learn more



Learn more



CONTACT

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