

## PROJECT IN NUMBERS



250K

EU  
Contribution



27

Months  
Duration



5

Partners  
Involved



4

Different  
Countries



## PARTNERS & LEARNING FACTORIES NETWORK



POLITECNICO  
MILANO 1863



UNIVERSITÀ  
DEGLI STUDI  
DI BERGAMO



NURE  
Kharkiv National University  
of Radioelectronics

CHALMERS



Politechnika Warszawska  
Warsaw University of Technology

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ENGAGE 5.0

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## Enhancing Human-Centric Engineering Skills in Learning Factories for Industry 5.0



Human-centricity is a foundational pillar of Industry 5.0. The ENGAGE 5.0 partnership is committed to driving the transformation of engineering education toward this vision, with the goal of fostering prosperity and social sustainability.



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## IMPACT

The ENGAGE 5.0 partnership has the strategic ambition to drive the evolution of engineering education towards human centricity and Industry 5.0.

To this end, partners are committed to disseminating project results, embedding them into their work, and sustaining them post-project.

Key tangible results include:

- ✓ A skill framework for human-centric manufacturing
- ✓ Modular learning pathways
- ✓ Open educational resources
- ✓ A network of learning factories mirroring real industrial settings enriched with digital technologies and human-centered principles.



## ACTIVITIES

The ENGAGE 5.0 partnership envisions:

- The analysis of skill gaps on human-centric manufacturing.
- The development and testing of blended learning paths leveraging human-centric principles, frameworks and methods and cutting-edge digital technologies (AI, cobots, wearables, XR) in learning factories.
- The establishment of an international network of learning factories focused on human-centricity in Industry 5.0.



## OBJECTIVES



**A competence framework** for human-centric design and management of production systems enabled by digital technologies



**Multidisciplinary, agile, and modular learning paths** integrating human-centricity and digital technologies in learning factories



**A European Learning Factory Network** designed to foster knowledge exchange, share best practices, and develop collaborative educational initiatives towards the advancement of Industry 5.0.

