

Our Project

The Digital Twin on Smart Manufacturing project integrates advanced digital twin technologies into manufacturing education. It bridges educational frameworks with industry needs, equipping technicians to innovate and optimize smart manufacturing processes.

Expected Results

01

Digital Twin Skills Index:
Essential skills for Digital Twin technicians.

02

Self-Evaluation Tool:
Tailors training to upskilling needs.

03

E-Learning Course:
Training with IVET & CVET modules in six languages.

04

Training Methodology:
Trainer's Manual for educational delivery.

05

Digital Twin Labs:
Labs for hands-on e-learning application.

06

Skills Competitions:
Events to test industry-relevant skills.

07

Digital Twin Occupational Profile: New standard with advanced skills.



Digital Twin

on smart manufacturing

Bridging Education and Industry Through Innovation.



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Project Consortium

The Digital Twin project brings together 11 full partners and 20 associated partners from five EU countries: Italy, Spain, Sweden, Greece, and Bulgaria. This diverse consortium includes vocational and higher vocational education and training (VET/HVET) institutions, higher education establishments, enterprises, chambers of commerce, and small and medium-sized enterprises (SMEs).



Digital Twin

on smart manufacturing

The Digital Twin project tackles the challenge of aligning educational outcomes with industry requirements, focusing on the manufacturing sector's shift towards digital twin technologies. Partners across five EU countries collaborate to address systemic issues hindering the sector, like the gap between educational systems and industry expectations, and the need for more specialized training in digital twin applications.

Target Groups



For Students: Enhances skills and employability for future jobs.



For Teachers: Provides resources and skills for modern teaching.



For Workers: Improves access to Digital Twin training and skills.



For EDU-VET Providers: Meets industry demands and fosters collaboration.



For Companies: Increases availability of skilled technicians.



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