

AIM-Learn develops the skills and tools needed for the next generation of workers and learners to thrive in an industry increasingly shaped by artificial intelligence.

By bringing together education and enterprises, the project creates a European training ecosystem that supports innovation, sustainability, and digital transformation in manufacturing.



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AIM-LEARN

The project aims to build a **European competence framework for AI-driven predictive maintenance** while equipping learners with advanced digital, technical, and green skills. It supports **sustainable industrial operations** by promoting data-driven maintenance approaches and strengthens cooperation between VET providers, higher education institutions, and industry. In addition, the project **delivers accessible online learning opportunities** through a dedicated MOOC and a Smart Learning Lab.

AI-Powered
Predictive
Maintenance
Competence
Framework for
Lifelong Learning &
Industrial Innovation

ACTIVITIES OF THE PROJECT

The project activities include mapping relevant skills and emerging job profiles in alignment with ESCO and EQF frameworks, designing a modular curriculum for VET and lifelong learning.



Developing comprehensive training materials such as tutorials, case studies, and gamified tools. The project also involves the creation of a Smart Learning Lab and applied learning resources, followed by pilot testing across multiple countries. In parallel, strong dissemination, stakeholder engagement, and sustainability actions are implemented to ensure long-term impact.

TARGET GROUPS

- VET and HE students
- Teachers and trainers
- Technicians and industry professionals
- SMEs and Industry 4.0 adopters
- Policymakers and digital skills stakeholders

RESULTS

The project results include an AI Predictive Maintenance Competence Framework, a dedicated VET curriculum and training toolbox, and a Smart Learning Lab to support applied learning. In addition, the project delivers a MOOC platform with four structured courses, complemented by micro-credentials and self-evaluation tools. Pilot implementations and evaluation reports validate the approach, while a long-term adoption and sustainability plan ensures continued impact beyond the project lifetime.

THE CONSORTIUM

Coordinator



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Partners



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[Sucessos Criativos Lda\(PT\)](#)



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