



**LEVERAGING
COMPETENCES
AND SKILLS OF
PROFESSIONALS IN
DIGITAL AND
AUTOMATED
MANUFACTURING
PROCESSES**

LE-D.A.M

Leveraging competences and skills of professionals in
Digital and Automated Manufacturing processes

THE PROJECT

LeDAM addresses the issue of upskilling and reskilling of professionals as key elements for competitiveness in a rapidly changing technology scenario and for breaking down inter-generational barriers.

AIM

The project meets industrial needs for T-shaped professional education programmes with blended educational modules with the most updated and innovative contents on digitalization and automation of manufacturing processes, AI and VR/AR as enabling tools for flexibility, productivity, competitiveness and greener processes.

MAIN TARGETS

Junior professionals to accelerate the alignment process of skills and consequently improve professional growth and professional development; Senior professionals to integrate missing skills in relation to the most recent technologies introduced in their manufacturing sector.

BENEFITS

- Upskilling & reskilling in the broader field of I4.0
- Updates on the latest technologies in digital and automated manufacturing processes
- Improve energy efficiency in manufacturing processes
- Increase knowledge of best practices in the use of green technologies

KEY FEATURES

LEARNING PATHS & STORYLINES

- 5 Technical Learning Paths, each one composed by 4/5 video nuggets of about 15 minutes to provide basic concepts in the main knowledge areas.
- 5 StoryLines composed by blocks of specialized video recorded theoretical and applied lectures, exercises, demonstrations and company case studies.

Delivered in English language and entirely online through EIT Manufacturing Skills.move learning platform (www.skillsmove.eu/)

PROGRAMME

LEARNING PATHS

1. Advanced Manufacturing (Lean Manufacturing, Maintenance, Industry 4.0 & Automation)
2. Information & Communication Technology
3. Innovation Technology for Energy Saving and Sustainability
4. Quality control & Safety
5. Innovation, Entrepreneurship and Management

STORYLINES

1. Additive manufacturing
2. Advanced maintenance of production systems
3. Automatic lines and robotics
4. Digital twins and AR/VR applications
5. LCA, eco-design and energy saving



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