



DTAM

DIGITAL TRANSFORMATION IN
ADVANCED MANUFACTURING

PROJECT DTAM: A NEW TRAINING CURRICULUM IN DIGITAL TRANSFORMATION

An Erasmus+ project

28 JANUARY 2021 | ANABEL MENICA

VISIT [DTAMPROJECT.EU](https://dtamproject.eu) TO LEARN MORE

#DTAMPROJECT #UPSKILLINGYOURFUTURE

WHAT IS DTAM?

An Integral Training Curriculum for EU technicians to deploy and manage digital tools in Smart Manufacturing.

PROGRAMME

An KA2 Erasmus+ SSA in vocational education and training project.

DURATION

Start date: 01 Nov 2020
End date: 31 Oct 2023

PARTNERSHIP

10 organizations
5 European countries



THE NEED FOR DTAM

“Education curricula have not, in the past, kept pace with the growing technological developments...The growth in advanced manufacturing will require workers to both sustain a good understanding of the skills required to utilise new ICT equipment and manufacturing techniques, as well as knowledge management skills”

PROBLEMS ADDRESSED



Adequately trained OT technicians

Manufacturing SMEs are forecasting an increasing need of adequately trained OT technicians with digital competence.



Technical and transversal skills mismatches

A mismatch between the available workers and the skills necessary to fill open jobs.



Upskilling and reskilling

Urgent need for updated training for low or under-skilled adult workers threatened by replacement due to technological advances.



Promote specialisation

Promote and support regional strategic or smart specialisation.

PROBLEMS ADDRESSED



Knowledge Flow Ecosystems

Need for updated practical training for student or adult learners involving IoT scenarios in project AM training labs linking VET systems, learners and SMEs.



Collaboration between sectors

Meet regional, national and EU occupational forecasts in the AM sector. Promote links between educators, SMEs and the labour market.



Modernise EU VET offer

Expansion of the VET/HVET/CVET training offers and curricula to support labour market evolution, economic, sectoral (SMEs) and learner wellbeing.



New initial VET training

New initial VET training is required, as well as reskilling and charted self-learning pathways.

WHAT IS DTAM ABOUT?

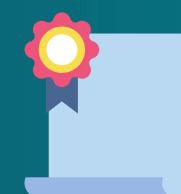
DTAM will deliver a new curriculum in digital transformation dedicated to the quality training of mid-high-level technicians in key enabling technologies for Advanced Manufacturing:



MACHINE LEARNING



IOT



TRANSVERSAL COMPETENCES



CYBERSECURITY



BIG DATA



ADVANCED SENSORICA

Our main goal

Grow a workforce of technicians capable of understanding, installing, configuring, monitoring, analysing, transferring data and maintaining digital systems in advanced manufacturing environments so meeting a critical skills gap in EU Industry 4.0 and addressing partners' regional RiS3s.

OUR TARGET GROUPS



- VET centres
- Teachers
- Trainers
- Students
- Business coaches



- Policy makers & policy making institutions
- Awarding bodies
- Research centers engaged in SME business support



- Initial Production
- Businesses
- Active Workers
- Adult learners in LLL



- Employer associations
- Employment agencies
- Job seekers
- Trade unions
- Incubator centres

DTAM teaching methodology and training program

- Digital Transformation Skills Index in the field of digital transformation
- Training methodology
- Training curriculum
- Trainer's manual

DTAM Training course

- Online learning platform
- Self-assessment tool
- Available in 6 languages

DTAM MILESTONES

MAIN OUTPUTS OF THE PROJECT

DTAM IoT Hub

A centre for sustainable cooperation for various stakeholders

Pilot testing

Validation of the training methodology, curriculum and content.

DTAM MILESTONES

MAIN OUTPUTS OF THE PROJECT

HOW TO GET INVOLVED

Expertise

Are you an expert in any of the project topics and you are interested in sharing your experience? Get in touch with us!

Feedback

We are more than happy to hear from you. Tell us what you think about the project or anything else you want to share.

Pilot training

Join the pilot trainings to be among the first ones to give it the DTAM training a try.

DTAM newsletter

Sign up for our newsletter and learn about what we are currently working on.

Share the news

Give us a hand in sharing the news about the DTAM project. Also, follow us on social media and stay up to date with all project developments.

Multiplier events

Join the multiplier events to check the results from the project, see how you can benefit from it and meet the partners.



Find Us Online!



www.dtamproject.eu

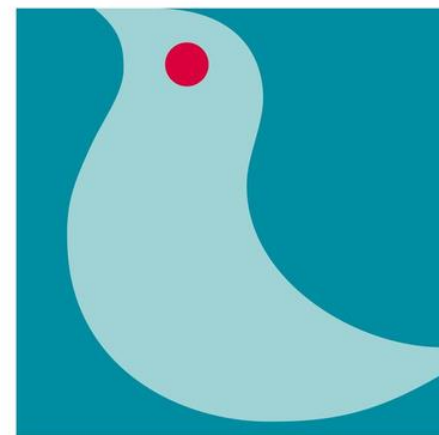


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Thank you!



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