



DTAM

**DIGITAL TRANSFORMATION IN
ADVANCED MANUFACTURING**

PROJECT DTAM: A NEW TRAINING CURRICULUM IN DIGITAL TRANSFORMATION

An Erasmus+ project

AmiEs 2023 / Anabel Menica&Jokin Goioaga

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WHAT IS DTAM?

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

PROGRAMME

A Erasmus+ SSA in vocational education and training project.

DURATION

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

PARTNERSHIP

11 organizations
5 European countries



da Vinci
college

POLITEKNIKA
TXORIERRI

GAIA

ISE
Instituto de Investigación en Ingeniería

sarenet

AFM

apro»

UNIVERSITY OF
PATRAS

RUSE CHAMBER OF
COMMERCE AND INDUSTRY

ATLANTIS
ENGINEERING

idec



ESTABLISHED 1890

**RUSE CHAMBER OF
COMMERCE AND INDUSTRY**



**POLITEKNIKA
TXORIERRI**

The logo for da Vinci college features the words 'da Vinci' in a white, lowercase, sans-serif font, with 'college' in a smaller, white, lowercase, sans-serif font below it. The text is set against a background of overlapping green and blue circles.

da Vinci
college



ATLANTIS
ENGINEERING

The logo for apro features the word 'apro' in a white, lowercase, sans-serif font, followed by two white arrows pointing right. The text is set against a red background.

apro»»



UNIVERSITY OF
PATRAS
ΠΑΝΕΠΙΣΤΗΜΙΟ ΠΑΤΡΩΝ

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?

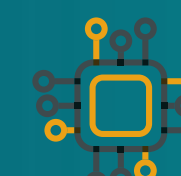
DTAM has produced a new curriculum in digital transformation dedicated to the quality training of mid-high-level technicians in key enabling technologies for Advanced Manufacturing:



MACHINE LEARNING



CYBERSECURITY



INTRODUCTION



ADVANCED SENSORICA



BIG DATA



SOFT SKILLS

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.

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 for hard and soft competences
- Available in 6 languages

DTAM MILESTONES

MAIN OUTPUTS OF THE PROJECT

DTAM IoT Hub

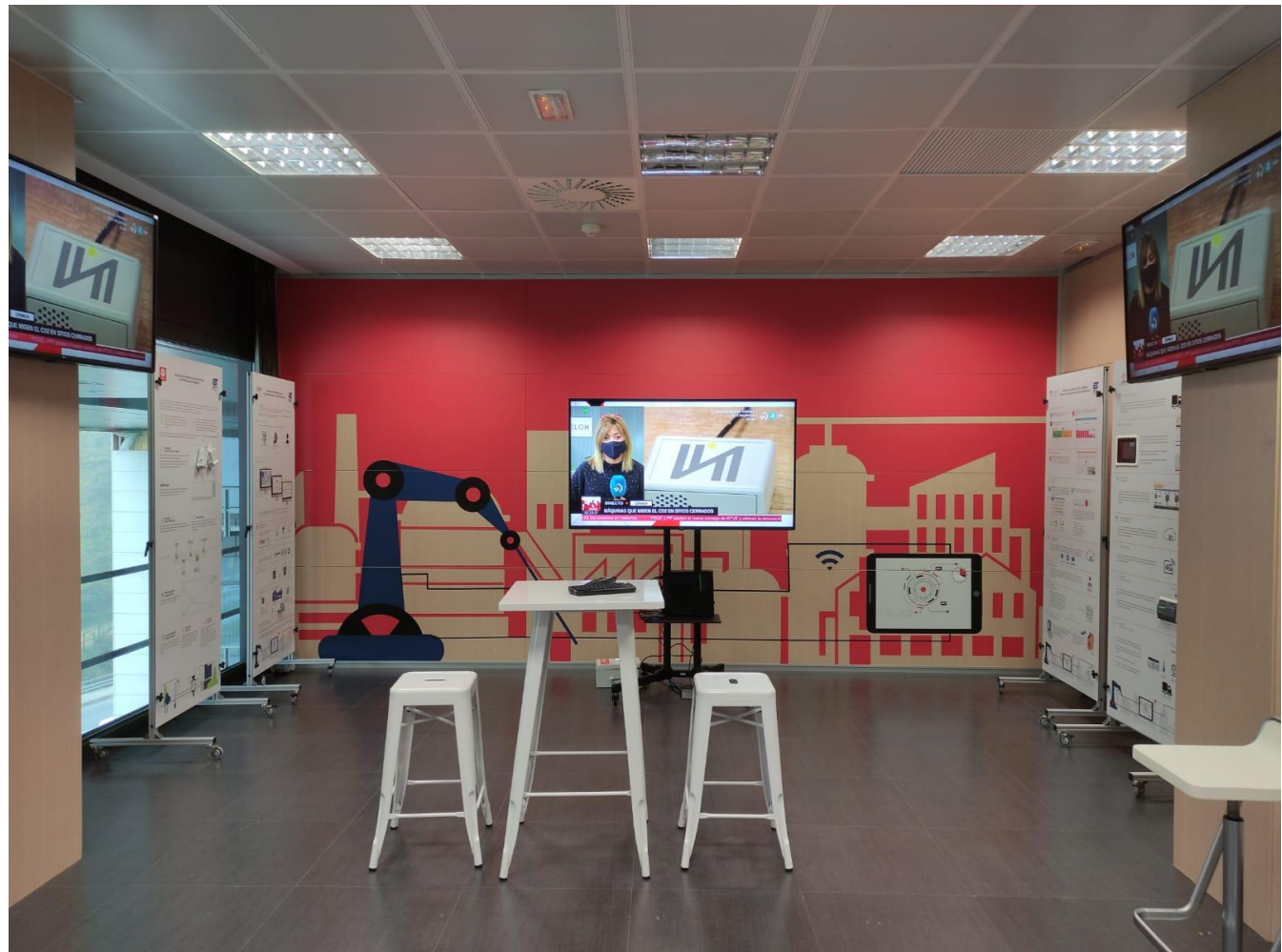
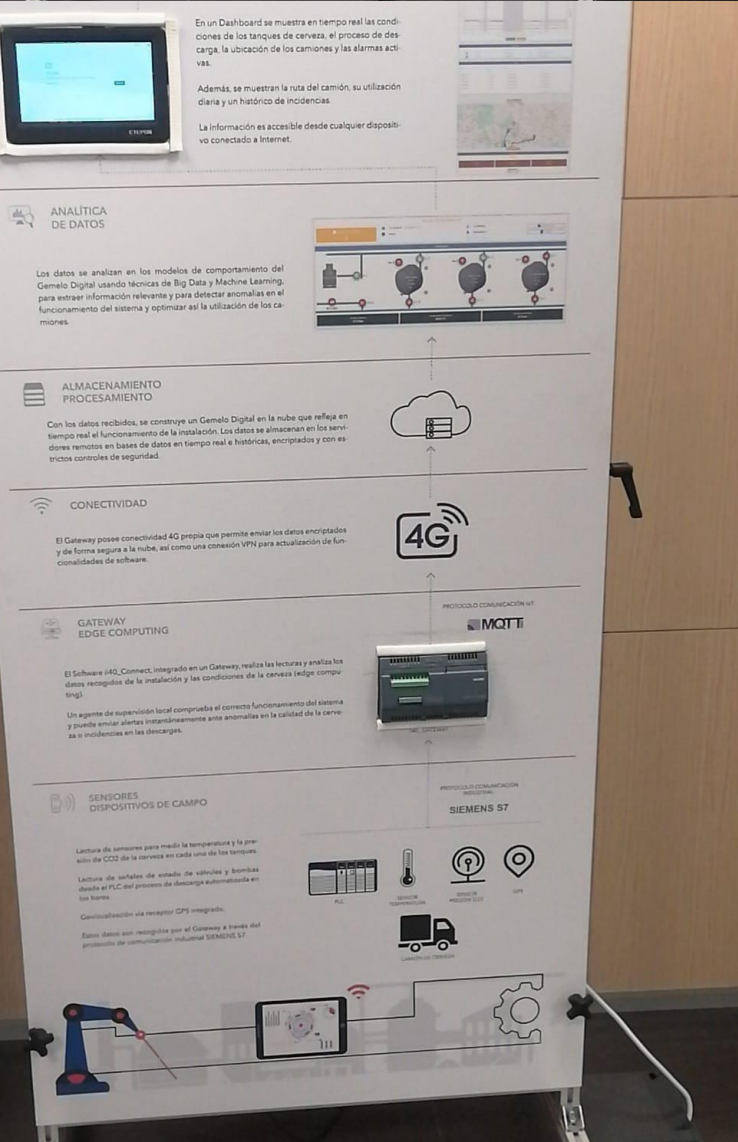
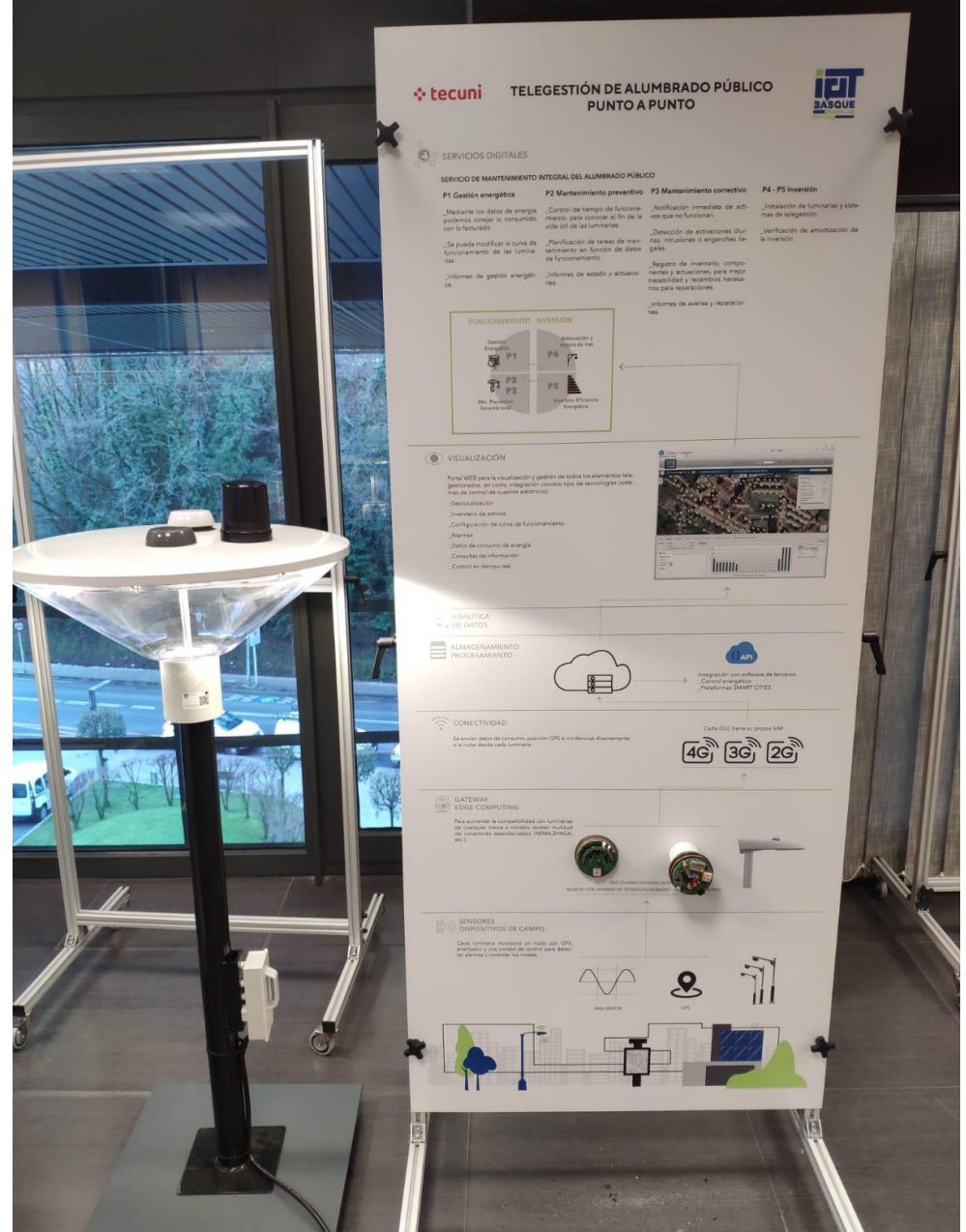
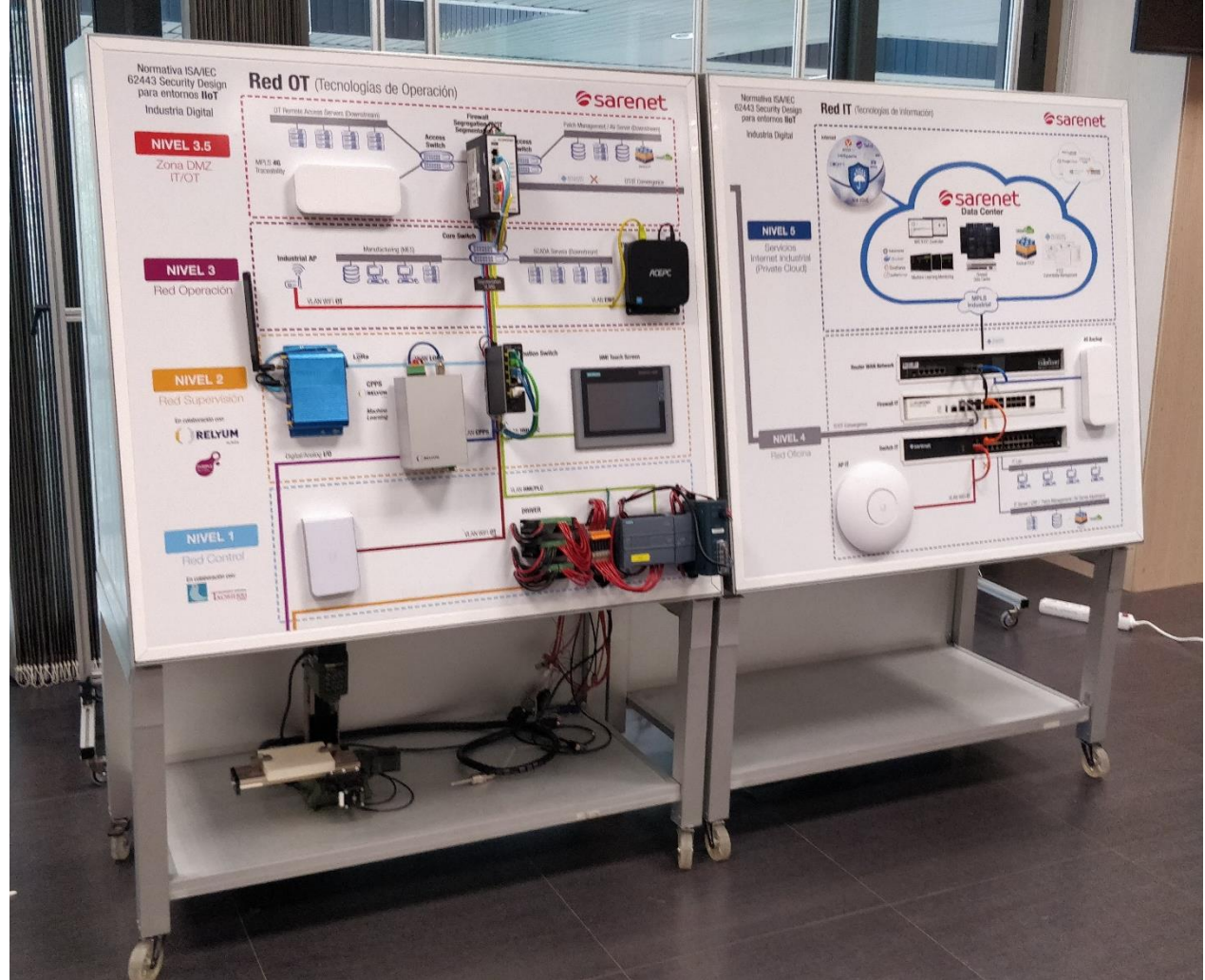
A centre for sustainable cooperation for various stakeholders

Pilot testing

Validation of the training methodology, curriculum and content.

DTAM MILESTONES

MAIN OUTPUTS OF THE PROJECT



Find Us Online!



www.dtamproject.eu

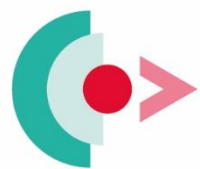


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Thank you!



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