



Digital Training for European Welding Inspectors

To enhance training capabilities of **VET teachers** and **trainers** and develop digital educational materials to support the **teaching** and **learning** in the field of welding inspections.

Newsletter #1, January 2023

INTRODUCE D-EWI PROJECT



D-EWI "Digital Training for European Welding Inspectors", is an **Erasmus+** project for cooperation in the field of Vocational Education and Training.

The D-EWI project is coordinated by the **Romanian National R&D Institute in Welding and Material Testing - ISIM** - and the partnership is made up of **8 different partners**. The project started in **January 2022** and the main objectives, to be reached until the end of December 2023, is to enhance the training capabilities of **VET teachers** and **trainers** and the develop of **digital educational** materials to support the implementation of digital technologies for **teaching** and **learning**, in the field of welding inspections.



WEBSITE

PARTNERS

TO SUPPORT ADDRESSING VET THROUGH DEVELOPMENT OF DIGITAL READINESS, RESILIENCE AND CAPACITY IN THE FIELD OF WELDING INSPECTION THE PROJECT HAS THE FOLLOWING SPECIFIC OBJECTIVES:

01: International standardisation of **practices in e-learning** and improving VET trainers' skill in **developing and implementing** of digital tools, to foster innovation in welding-related practices.

02: Developing innovative **e-learning educational materials**, to improve the level of key competences in welding inspections. Open digital educational materials to be used to support the **implementation of innovative digital technologies** for teaching and learning in initial and continuing VET in the field of welds inspections. Practical training of **welding inspector** is likely to be the most im-proved area, as the outcomes of the project are expected to innovate the approach to transfer a **practical skill** into a digital tool.

READ MORE

Project Objectives: www.d-ewiproject.eu/objectives.html

D-EWI IN THE 13TH INTERNATIONAL CONFERENCE INNOVATIVE TECHNOLOGIES FOR JOINING ADVANCED MATERIALS - TIMA22

The **TIMA22 International Conference** is the 13th in a series of successful **international conferences** on innovative technologies for **joining advanced materials**, organised by the National R&D Institute for Welding and Materials Testing - ISIM Timisoara, Romania, in **collaboration** with the Polytechnic University of Timisoara and the Romanian Academy of Technical Sciences - Timisoara Branch.

The **main topics** of the TIMA22 are the following:

- New joining technologies;
- Modelling and simulation of welding processes;
- Specific problems in advanced materials joining;
- Characterization of advanced materials and joints;
- Fracture mechanics, damage of advanced materials and remaining life assessment;
- Quality of welded joints and welded structures;
- Engineering applications of surface coatings;
- Non-Destructive Testing (NDT);
- Nanoscience, nanotechnology and composites.

Presence of D-EWI project in the International Conference



On **25th of November 2022**, in the frame of the **13th International Conference** on Innovative Technologies for Joining Advanced Materials, a **round table** was **organised** to present the D-EWI project **activities** and **actions** and to **disseminate** the results obtained so far.

D-EWI PROJECT PARTNERS



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