

# 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 #3, June 2023

## GET TO KNOW D-EWI PROJECT



**D-EWI** 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

## D-EWI PROJECT | OVERVIEW OF THE PROJECT

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

The project aims 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**.

The results and the materials are available in the project webpage.

### RESULTS

The D-EWI project is coordinated by the **Romanian National R&D Institute in Welding and Material Testing - ISIM** (<http://www.isim.ro/home.htm>) and the partnership is:



## E-LEARNING EDUCATIONAL MATERIALS FOR THE INTERNATIONAL / EUROPEAN WELDING INSPECTORS

**Digital training** has become increasingly important in the modern era due to its ability to provide a platform for individuals to **acquire** and **develop** new skills, access training materials and resources from anywhere, at any time, and be more cost-effective than traditional **training approaches**. It also eliminates **geographical barriers** and **time constraints** associated with traditional training methods, making it more accessible to **individuals and organizations**.

Additionally, digital training often incorporates features that enable personalized learning experiences, making it **more affordable** and **accessible** to individuals and organizations. Digital training **offers** numerous benefits, including skill development, accessibility, cost-effectiveness, personalization, analytics, and scalability. It allows learners to progress at their own pace, focus on **specific topics or areas of interest**, and access supplementary **resources** as needed.

Some occupations are very demanding in terms of **quality** and **integrity**, and the high-level of training is very demanding, for example for the **welding inspectors**.

The International / European Welding Inspectors requires a continual learning and long course, however, companies cannot afford to take out of production employees for such a long time.



The D-EWI project has been developing the educational materials to bring more digital contents and e-learning materials to the qualification, namely on:

- Quality assurance and quality control in inspection
- Testing of welds and reporting
- Practical work on testing

To offer innovative digital training that could be attend by the people, in parallel with their daily work is one of the goals. The open digital educational materials are available and can be used to support the implementation of innovative digital technologies in teaching and learning in initial and continuing VET in the field of welds inspections.

### RESULTS

## D-EWI Project: Short-term joint staff training event in Italy



In September the Italian Institute of Welding (IIS) will host the second short-term joint staff training event, in Genova.

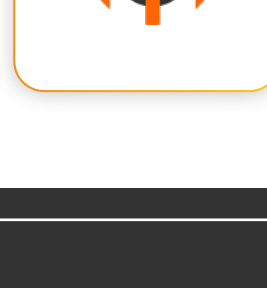
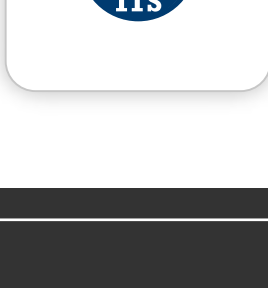
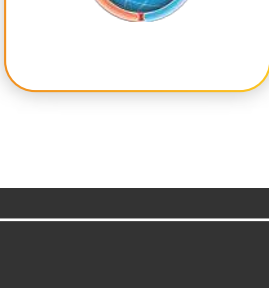
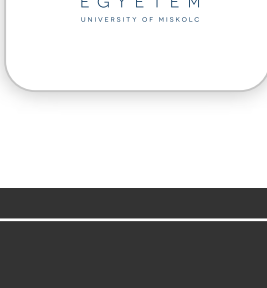
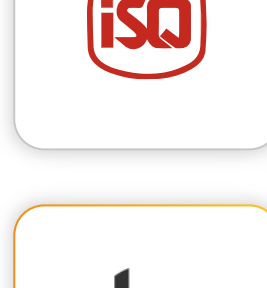
This event goal is to develop competences of the current and future teacher, trainers and lecturers in welding inspection, through exchange of best practice in the field.

The added value of the activities is mainly related to the digital education by increasing the skills and practical expertise of the VET teacher, trainers and lecturers in using of the digital technology, and applying it in as international standardisation of practices in e-learning, as well as harmonization of e learning training materials in the field of welding inspection.

The benefits of these learning activities are linked to capacity building of the future trainers on welding inspection, to improves their knowledge and skills. Thus, during the event, the specialists will get information related to the state-of-the-art standards, technics and procedures, and other achievement in the field of welding inspection, and last but not least, will gain solid practical knowledge in the field of digital education.

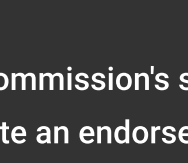
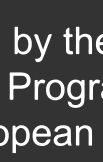
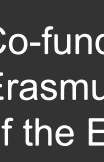
The EWF-IAB-041 guideline and the new digital training materials develop in D-EWI scope will be piloted, ending with a exchange of good practices and discussion on the final steps of this project.

## D-EWI PROJECT PARTNERS



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