

**TRUST – desTRUctive teSting Technician**  
**A sectoral and modular approach to create a new European Qualification addressing**  
**Destructive Testing of Welded Joints**

*TRUST project (2020-1-PL01-KA202-081820) aims to reply to a need for a Qualification that specifically addresses Destructive Testing of welded joints by creating a new European Destructive Testing Technician qualification, targeting not only young trainees involved in Initial Vocational Education and Training (I-VET), but also professionals who already work in this area but are lacking a proper specialised training , thus allowing them the opportunity to upskill through Continuous VET.*

Destructive Testing (DT) of welded joints is an important procedure that ensures and validates if the quality of metallic materials' joints is in line with the related regulations. It is, therefore, a required procedure in Welding for which industrial laboratories must be accredited, after undergoing a specific audit by state organizations. Even though this audit focuses on laboratories' conditions to perform DT, it does not address the skills and the competences of the personnel conducting DT, who need to upskill and a proper specialised training to ensure their safety on the shopfloor and the quality of their work.

When searching for specialised training in DT, it is challenging to find a specific qualification addressing this procedure, contrary to what happens with Non-Destructive Testing, which has an array of training courses and qualifications focused on it.

TRUST project addresses these issues by supporting the creation of a new Professional Profile, the European Destructive Testing Technician, and the development of a harmonised European Destructive Testing Technician Qualification (at European Qualifications Framework (EQF) level 4) that will provide young trainees and professionals already working in DT, but who lack the needed training, the opportunity to acquire the required skills and knowledge to work on DT of welded joints on industrial laboratories and a proper recognition of their functions. This new Qualification will also benefit the Industry, which will have the opportunity to have its audited personnel duly recognised to perform DT, impacting the quality of its products and business success.

This project has a sectoral approach as it replies to the needs identified by the European Committee for Standardization (CEN), involving teachers, trainers, trainees, professionals already working in DT, experts from the European Vocational Education and Training sector, Industry representatives and National Qualification Agencies on the development of its results and on the implementation of the European Destructive Testing Technician Qualification at European level.

In addition to the European Destructive Testing Technician Qualification (which will be based on a strong quality assurance system and built in the scope of the modular approach, with innovative pedagogical methods and assessment tools applied to all trainees, regardless of their contexts), TRUST project also aims to develop a Qualification Guideline that encompasses access



conditions that include the possibility to conduct a Recognition of Prior Learning (RPL) process, providing professionals already working in DT the opportunity to qualify, in line with the lifelong learning approach.

In sum, TRUST will deliver a European Qualification for Destructive Testing that will improve the quality of VET Systems at European level by incorporating a RPL process and common European tools that ensure transparency and recognition amongst European countries and approaches such as EQF and European Credit System for Vocational Education and Training (ECVET), while involving different stakeholders in the training process.

TRUST is an Erasmus+ funded project with a duration of 24 months (January 2021 to December 2022) and is set to enhance integration of training offer in countries with lower engagement or access to it while increasing transparency of competences and qualifications for the Manufacturing sector.

### Project partners

TRUST consortium comprises entities with a broad experience in ERASMUS+ funded projects, education and training and technological know-how, coordinated by Lukasiewicz – Institute of Welding ([www.is.gliwice.pl](http://www.is.gliwice.pl)), which is part of a broader network of leading welding research centers, offering advisory technical services and developing qualifications in welding technologies, ensuring innovation of producers of welded structures. TRUST consortium is also comprised by ISIM Timisoara ([www.isim.ro](http://www.isim.ro)), a center of scientific and technical competence in the field of welding and material testing; ISQ - Instituto de Soldadura e Qualidade (<https://www.isq.pt/>), a provider of scientific and technological support in Industry and Services; IIS - Istituto Italiano della Saldatura - Ente Morale (<https://www.iis.it/en>), a company that implements education and training activities in the field of joining and related technologies; and EWF - European Federation for Welding, Joining and Cutting (<https://www.ewf.be/>).

TRUST website will soon be available on [www.project-trust.eu](http://www.project-trust.eu).



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