



Co-funded by the  
Erasmus+ Programme  
of the European Union



**HIMACROW**  
Harmonized Personnel Training for Macro and Microscopic  
Metallographic Examination of Structural Materials

## Harmonized Personnel Training for Macro and Microscopic Metallographic Examination of Structural Materials and their Joints

**HIMACROW**, aims to improve the training capabilities of Vocational Education and Training (VET) teachers and trainers. Answering to a growing market need and the lack of harmonized training and qualifications in macroscopic and microscopic metallographic examination of structural materials and their joints.

The project will have a long-term impact on target groups at national and European level, as the new course will be promoted through the EWF network, and all approved trainers will be able to teach according to the same curricula. The target groups are composed of engineers, researchers, teachers, VET trainers, specialists in welding and related processes and/or structural examinations. By attending the course, they will improve their skills and knowledge in the field of structural analysis and will be able to use them without restrictions in the context of current and future training activities.

The project involves **5 partners from 4 European countries** with profiles, skills and experience aligned with HIMACROW project, which guarantees the necessary knowledge and skills to meet all the technical requirements to support the training courses and qualification of technical personnel, as well as, for the promotion and dissemination of the project results. With the development of this updated guideline on the macro and microscopic metallographic examination of structural materials and their welded joints (IO1) will be the basis to provide support for the development of the other project results, such as IO2, sharing responsibilities with the lead output in the development of the Curriculum (the EWF will take care of the methodological approach and Learning Outcomes); IO3, to define the design/layout of educational materials; and IO4, contribute to the development of the training evaluation framework.

The project **will run for 24 months**, ending in December 2023.

For more information, feel free to visit the project partners websites: Institutul National de Cercetare Dezvoltare in Sudura si Incercari de Materiale (ISIM TIMISOARA) – [www.isim.ro](http://www.isim.ro); European Federation for Welding Joining and Cutting (EWF) – <https://www.ewf.be/>; Istituto Italiano Della Saldatura Associazione (IIS) – [www.iis.it](http://www.iis.it); Magyar Hegesztéstechnikai és Anyagvizsgáló Egyesülés (MHTE) – [www.mhte.hu](http://www.mhte.hu); SC WELDCONS SRL – [www.weldcons.ro](http://www.weldcons.ro).



This project has been funded with support from the European Commission.

This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

ERASMUS+: Project nr<sup>o</sup> KA220-VET-364E0C77.