



Let's Make It Happen – Shifting into Learning Outcomes in the Welding Sector

The MAKE IT project aims to address the need to modernize the training and qualification of welding personnel, ensuring skills recognition as well as promoting mobility across borders.

Project developed with the support of the Erasmus+ programme of the European Union.

March 10th 2016 – Empowering individuals and organizations with the skills required by the industry is of paramount importance to achieve the targets set by the European Commission, which has defined the objective for the manufacturing sector to represent twenty per cent of EU GDP by 2020. To attain this goal, the European Technology Platform 'Manufuture' was created, and welding has been highlighted as one key enabler to reach it. Training and qualification is thus the layer underlying this global goal, and a stronger focus has been placed on investments in education, research and innovation as the key to achieve smart, sustainable and inclusive growth. Leading this effort, the MAKE IT project proposes to redefine a "European Welding Practitioner" professional profile.

Training and Qualification for Welding Personnel has evolved over the years as it becomes increasingly used by National, European and International bodies and their accredited training centres. Regardless, the pace of change is increasing, placing additional pressure on the modernization and development of an innovative approach and methodology regarding the qualification and training process in the welding sector. Those changes encompass a shift to the Learning Outcomes (LOs) approach, a correspondence to EQF (European Qualifications Framework) levels and an assignment of ECVET (European Credit system for Vocational Education and Training) points.



The MAKE IT project will address the market need for qualified people in welding technology and with competences in both the "old" and "new" advanced processes. Learners and professionals need more adequate training curricula and a structured validation of competences system and its methodologies and processes, promoting the cooperation between different national and EU recognition tools, by ensuring that skills and qualifications can be easily recognized across borders.

The main aim of the project is to develop a European sector-oriented qualification system into the LOs approach and establish a European harmonized scheme for Recognition of Prior Learning (RPL) in the Welding sector. This will facilitate recognition and certification of the respective Los, mobility and career progression and integrating innovative approaches to teaching and learning.

The LOs approach will allow to identify what the learner knows, understands and is able to do after completion of the course; shifting the focus from an input-centred model into an output-centred model of qualification. Also, a harmonized curricula will ease the mobility of workers in the European labour market, since it facilitates their recognition through the definition of credits and referenced qualifications in EQF.

Defining strategic investments in European Manufacturing

Increased global competitiveness and supply chains, coupled with new emerging technologies and increasingly stringent sustainability requirements are forcing the European manufacturing industry to change aligned with it the qualifications of the manufacturing personnel.

Integrated into the long-term vision for the future of manufacturing, joining was considered as a critical component, which led to the creation of the MAKE IT project.

About the European Federation for Welding, Joining and Cutting

EFW is a pioneer in implementing a harmonized qualification and certification system for joining professionals. Through European projects, EFW has been innovating in training methodologies, and involved in the development of new technologies and uses for joining. Through its member organisations, EFW has established a firm link to the local industry, providing knowledge and training as well as participating in research initiatives that address the most pressing questions and challenges in the field of joining technologies.

Contacts for media:

André Cereja (afcereja@isq.pt)



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