



www.smweld.com

SOUTH MEDITERRANIAN WELDING CENTER FOR EDUCATION, TRAINING AND QUALITY CONTROL

Project Objectives

SM WELD'S overall goal is to implement the International System for Higher Education and Practical Qualification of Welding Personnel based on the EWF harmonised European system for welding. Based on this, the SM WELD project objectives are:

- Develop and integrate the module Welding and Joining Specialisation MSc in manufacturing programmes and training for Welding Engineer according to the EWF qualification system
- Establish the Welding Center in PCs to coordinate the partnerships and implement welding quality certification of companies
- Develop and integrate the training modules in Welding for non-tertiary education and training for welding related qualifications according to the EWF qualification system
- Developing a common European recognized EdTrCert system for Partnership Countries (PCs) - Tunisia and Algeria



Project Consortium:



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



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Why SM WELD?

- Improve welding education in South Mediterranean countries (Algeria, Tunisia)
- Provide enhanced access to higher education in welding
- Foster job creation in the welding area

The **Erasmus+** project **SM WELD** promotes a novel education and training model of university-industry partnership to foster the quality of the workforce while contributing to transfer knowledge, increase employability of engineers and technical staff as well as supply the North-African industry with highly qualified personnel.

SM WELD Objectives

Academic level

MSc specialization in Welding and Coordination of the Welding Engineer/Welding Technicians education, according to the EWF system, in the partners countries (Algeria/Tunisia)

Company level

Coordinate the implementation and certification of welding organisations in compliance with ISO 3834, contributing to a considerable strengthen of their economic competitiveness in the partners countries (Algeria, Tunisia)

Welding personnel

Implementation and coordination activities for training of welding personnel



More info:



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The SM WELD project has the purpose to bring the universities, enterprises and society closer and to join efforts to foster employability through learning innovation, specialisation, training and qualification as well as enhance entrepreneurship aimed at the implementation of services in the welding and joining area

With a strong impact in students, teachers and in the industry at both local and regional levels the SM WELD project will:

Implement the System for Education and Qualification of Welding Personnel and create a Welding Center in partner countries addressed to build a partnership between universities of South Mediterranean region, companies and other stakeholders (e.g. governmental and local agencies) for knowledge transfer.



Create education programmes in Welding specialisations in partner countries according to Bologna process system for increasing student and staff mobility between South Mediterranean and European universities.



Implement welding Open Educational Resources (OERs) in South Mediterranean region to increase the welding knowledge and practical skills of students in Universities and non-tertiary education in Algeria and Tunisia, allowing the workforce to be appropriately educated at all levels.



Allow the recognition in South Mediterranean region of the EU qualification programmes for Welding Engineers and Welding audit for quality assessment of companies according to ISO 3834 in order to improve the competitiveness of the South Mediterranean region companies on the global market.



Project Consortium:

Sweden solving problems	Portugal UNIVERSIDADE DE COIMBRA	Spain universidad de león	Romania UNIVERSITAS GALATIENSIS	Belgium VRIJE UNIVERSITEIT BRUSSEL	Germany Gesellschaft für Schweißtechnik International e.V.	Greece IED
Algerie UNIVERSITÉ SULTAN HASSAN BOUMEDJEDJE USTHB	 SNVI	 	Tunisia TECHNOPREST	 ENI	 SOCIÉTÉ ALGÉRIENNE DE COMMERCE INDUSTRIEL SOCOMENIN	 Université de Sfax

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