



EU-JOINTRAINING

Implementation of European Guidelines
for Joining Technology Training

Project no.:2009-1-LEO05-03591





Partners:

Co – ASR, Romanian Welding Society

P1 – CWS, Czech Welding Society ANB

P2 – SLV, Schweisstechnische Lehr- und Versuchsanstalt
SLV Duisvurg, Niederlassung der GSI mbH

P3 – IIS, Italian Welding Institute

P4 – EWF, European Federation for Welding, Joining and
Cutting

P5 – ISQ, Institute for Welding and Quality





OBJECTIVES:

- To harmonize and support participants in training activities, in the acquisition and the use of knowledge, skills and qualifications to facilitate personal development
- To support improvements in quality and innovation in vocational education and training systems, institutions and practices
- To enhance the attractiveness of vocational education and training and mobility for employers and individuals and to facilitate the mobility of working trainees
- To improve the quality and to increase the volume of co-operation between institutions or organizations providing learning opportunities, enterprises, social partners and other relevant bodies from Europe
- To improve the transparency and recognition of qualifications and competences, including those acquired through non-formal and informal learning.





WP1- Industries Requests

WP leader: ASR

Duration: 01.2010 – 03.2010

Activities:

Partners collected and organized information regarding types and plastics welding processes and materials, using National sources such as employers' associations, chambers of commerce and industry, public authorities, European surveys (Eurostat) and partners own experience. Information where collected using harmonized evaluation questionnaires.

A comprehensive material reflecting all gathered information regarding plastic materials welding was realized by the work package leader.





WP2- Development of guidelines

WP leader: SLV

Duration: 03.2010 – 06.2011

Activities:

- An revised Harmonized guideline for plastic joining will be realized with reference mainly to:
 - Hot Gas and Extrusion Welding of Plastics
 - Heated Tool Welding of Plastics
 - Electrofusion Welding of Plastics
- Draft guideline will be send for comments to all National Agencies involved in the activity welding of plastic (e.g. for Romania: Inspectoratul de Stat in Constructii, ANRE etc).
- Approval of the revised European Plastic Welder guideline by EWF members.
- Translation of the final version of the guideline to the National languages of the project members (5 National languages).





WP3- Educational Materials

WP leader: CWS

Duration: 03.2010 – 08.2011

Activities:

Development of a harmonized EPW Course support

The course support will focus on:

- Hot Gas and Extrusion Welding of Plastics
- Heated Tool Welding of Plastics
- Electrofusion Welding of Plastics

For each joining process particular attention will be given to the Welding Rework, and Health & Safety at the working place.

The course support will have lecturer power point presentation for each welding process, this helping in harmonizing the teaching. The EPW course support will use also the already developed TRAINING LAB tool.

All documents will be translated in the project member countries languages.





WP4- Organization of pilot-courses

WP leader: IIS

Duration: 06.2011 – 10.2011

Activities:

- 2 days training sessions with lecturers/welding instructors in each of the project member countries (done by each project member)
- Course offer (translated in all member countries with pilot courses)
- Course offer will be disseminated (min. 400 course offers).
- Course duration will be between 20 and 60 hours/welding process.
- Printing of course supports for pilot course candidates
- Pilot courses organization and realization.
- During the project a number of minimum 90 certificates will be issued in Romania and a minimum number of 25 certificates will be issued in Italy
- The principle for selecting the candidates will be: first come – first served.
- Analysis of the outcomes of the pilot courses and establishing the necessary improvements.





WP5- Evaluation



WP leader: ISQ

Duration: 01.2010 – 01.2012

- Evaluating the European industry requests for plastic welding personnel.
- Assessment according to already approved harmonized assessment requests
- The assessment will be focused on all elements related to training facilities/equipment/teaching staff competencies/teaching materials/examinations.

Evaluation of impact will be done from the feedback of training organizations, industry dealing with plastic welding, trainers, welders and employers by means of a questionnaire and direct contact with target groups

The evaluation of the projects quality will have two approaches: internal and an external.

The internal one will make an auto-evaluation of the consortium about what was or will be done in the project. This will be done by means of a questionnaire and it will be done in the end of each year.

- The external evaluation, done by outside experts will evaluate what was realized in the project and the results.
- The analysis will be realized in terms of quality of developed material and of the number of persons the dissemination activities/pilot courses reached in order to evaluate the actual impact of the activities.



Education and Culture DG

Lifelong Learning Programme



WP6- Dissemination

WP leader: EWF

Duration: 01.2010 – 01.2012

Activities:

- The activities to be performed under WP5 will essentially deal with evaluation of the dissemination activities performed solely under this WP6.
- EWF will develop an informational material regarding the JOINTRAINING project in its newsletter
- EWF will promote the project on a JOINTRAINING webpage
- All partners used their web pages and journals to disseminate information regarding the project development and the achieved results.
- A minimum number of 4 workshops will be organized in each project member country. A number of minimum 6 workshops will be realized in Romania. Also minimum number of 6 papers will be presented at National/International Conferences by the project partners consortium, of those minimum 2 papers will be presented in Romania. EWF will present minimum 2 papers during the projects lifetime.
- Printing of EWF flyers and newsletters for all member countries.





Expected results:

- Written report regarding the stage and future of plastic welding.
- Updated and harmonized guideline for plastic joining.
- Harmonized course support resources in paper and digital form.
- Harmonized assessment of the courses
- Harmonized Pilot course offer (send to min. 400 candidates).
- Pilot courses organized in 2 project member countries (Romania and Italy).
- Min. 115 diplomas as EPW Operator
- Activity report focused on the pilot courses organization, problems encountered and way of solving them in due time.





- Analysis of the outcomes of the pilot courses in Romania and Italy.
- Internal and External evaluation reports.
- Plan of project partner activities.
- EWF and National Flyers and newsletters.
- Presentations in conferences and seminars / workshops – papers, ppt. presentations, documents.
- Creation of JOINTRAINING website.





THANK YOU!!!

