Projects and Products Portal for Leonardo da Vinci

# Certification of Welding Coordinators Related with LLP

2009-1-SI1-LEO05-01001

http://www.adam-europe.eu/adam/project/view.htm?prj=6127

## Project Information

Title: Certification of Welding Coordinators Related with LLP

Project Number: 2009-1-SI1-LEO05-01001

Year: 2009

Project Type: Transfer of Innovation

Status: granted

Country: SI-Slovenia

Marketing Text: Welding coordinators have an important role in the welding production. They are responsible for product quality, safety at work and compliance with standards and technical regulations. The European Welding Federation operates a harmonized Certification Scheme for welding coordinators. In Italy, Great Britain, Poland, Czech Republic and Slovakia the System has already been introduced. By the end of 2008, 1800 certificates were issued in Europe. There are 106,950 qualified European Welding Coordinators and 43,029 International Welding Coordinators. In Slovenia 226 persons are holding international and European diplomas. All the persons holding the international or European diplomas and having appropriate experience are eligible to candidate for international certificates.
Spreading of the certification scheme to other countries is surely in the interest of the joint European market. The metal-working industry and individuals performing welding coordination will undoubtedly benefit from the project by having new opportunities in the field of vocational training, competitiveness and meeting requirements of European standards.
For further advancement and competitiveness of the metal-working industry in Slovenia, it is of major importance that Slovenia follows the advancement of qualification and certification of personnel at the European level. After the completion of the project proposed, engineers, technologists and specialists in the field of welding will be able to demonstrate their knowledge as holders of internationally recognized certificates.

Summary: Reasons:
Spreading of the certification scheme to other countries is most certainly a joint interest of the European market. For its development and competitiveness, the Slovenian metal-working industry requires qualified personnel holding relevant international certificates. Regular schooling does not provide welding engineers, technologists and foremen; therefore, it is most important to promote systems of additional and lifelong learning and certification of knowledge at the international level.
Aims and objectives:
A basic aim of the project is to introduce, in Slovenia, an internationally recognized certification system for welding coordinators and lifelong education of personnel managing welding production. On the basis of Slovakian experience we wish to amend the system and add new contents encouraging lifelong learning in the field of welding engineering.
Consortium:
VUZ, Bratislava is a central Slovakian welding institute. It was among the first in Europe to introduce welding-coordination certification. As to the number of certificates issued, it is the second in Europe, right after Italy.
The EWF associates members from 27 countries. It is engaged in the introduction of uniform systems of education and certification of welding personnel in Europe.
Institut za varilstvo collaborates with almost all the firms in Slovenia that are to apply project results. It has also taken care of the development of welding engineering in Slovenia for more than 40 years.
Outcomes:
• Instructions, rules and operating procedures for the operation of the certification body, and implementation of the certification procedure
• Workshop for personnel to perform certification
• Information activities for potential participants in certification from Slovenia (articles in Varilna tehnika, information seminar).

## Project Information

• Pilot seminar – Preparation for certification
• Pilot certification of a group of welding coordinators from Slovenia
• Recommendations for lifelong education of welding coordinators
Impact:
Slovenia will participate in the international certification system. The first certificates are to be issued in 2011. Certification will be continued to issue 250 certificates in the next five years. In Slovenia a system of lifelong learning of welding coordinators is to be established. Novelties and improvements shall be transferred into the area of Europe.

Description: Welding coordinators have an important role in the welding production. They are responsible for product quality, safety at work and compliance with standards and technical regulations. The European Welding Federation operates a harmonized Certification Scheme for welding coordinators. In Italy, Great Britain, Poland, Czech Republic and Slovakia the System has already been introduced. By the end of 2008, 1800 certificates were issued in Europe. There are 106,950 qualified European Welding Coordinators and 43,029 International Welding Coordinators. In Slovenia 226 persons are holding international and European diplomas. All the persons holding the international or European diplomas and having appropriate experience are eligible to candidate for international certificates.
Spreading of the certification scheme to other countries is surely in the interest of the joint European market. The metal-working industry and individuals performing welding coordination will undoubtedly benefit from the project by having new opportunities in the field of vocational training, competitiveness and meeting requirements of European standards.
For further advancement and competitiveness of the metal-working industry in Slovenia, it is of major importance that Slovenia follows the advancement of qualification and certification of personnel at the European level. After the completion of the project proposed, engineers, technologists and specialists in the field of welding will be able to demonstrate their knowledge as holders of internationally recognized certificates.

Themes: *** Lifelong learning
*** Recognition, transparency, certification

Sectors: *** Manufacturing
*** Education

Product Types: transparency and certification

Product information: Instructions, rules and operating procedures for the operation of the certification body, and implementation of the certification procedure
• Workshop for personnel to perform certification
• Information activities for potential participants in certification from Slovenia (articles in Varilna tehnika, information seminar).
• Pilot seminar – Preparation for certification
• Pilot certification of a group of welding coordinators from Slovenia
• Recommendations for lifelong education of welding coordinators

Projecthomepage: http://www.i-var.si/raziskave/euprojects/welding-coordination

## Project Contractor

| | |
|---|---|
| Name: | Institut za varilstvo d.o.o. |
| City: | Ljubljana |
| Country/Region: | Slovenija |
| Country: | SI-Slovenia |
| Organization Type: | research institution |
| Homepage: | http://www.i-var.si |

### Contact Person


| | |
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| Homepage: | |

## Coordinator

| | |
|---|---|
| Name: | Institut za varilstvo d.o.o. |
| City: | Ljubljana |
| Country/Region: | Slovenija |
| Country: | SI-Slovenia |
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| Homepage: | |

# Partner

## Partner 1

| | |
|---|---|
| Name: | European Federation for Welding, Joining and Cutting-Secretariat -c/o ISQ |
| City: | Porto Salvo |
| Country/Region: | Lisboa |
| Country: | PT-Portugal |
| Organization Type: | others |
| Homepage: | http://www.ewf.be |

## Partner 2

| | |
|---|---|
| Name: | Vyskumny ustav zvaracsky - Priemyselny institut SR |
| City: | Bratislava |
| Country/Region: | Bratislavsky Kraj |
| Country: | SK-Slovakia |
| Organization Type: | others |
| Homepage: | http://www.vuz.sk |

# Project Files

poster.GIF

http://www.adam-europe.eu/prj/6127/prj/poster.GIF

Project POSTER

Project CWC logo.jpg

http://www.adam-europe.eu/prj/6127/prj/Project%20CWC%20logo.jpg

Project LOGO

## Products

1 Manual for certification of welding personnel (MCP)

2 Pilot seminars for a selected group of welding engineering for Slovenian metal-welding industry.

3 Instruction and Recommendation for Lifelong Learning Programme (LLP) of Welding Coordinations

4 Manual for certification of welding personnel (OP)

5 Pilot certification

6 The System of lifelong education of welding coordinators.

# Product 'Manual for certification of welding personnel (MCP)'

| | |
|---|---|
| Title: | Manual for certification of welding personnel (MCP) |
| Product Type: | transparency and certification |
| Marketing Text: | The Certification Scheme provide a way to assess and recognize job competence. Certification is concerned with current competence rather then historical attainment and periodic renewel is required. |
| Description: | Manual for certification of welding personnel (MCP) is applicable to Personnel Certification System related to the IIW personnel qualification system and certification conducted by ANB for SLOVENIJA.<br>This manual (MCP) is applicable to Personnel Certification System related to the IIW personnel qualification system and certification conducted by the ANB for Slovenia. It also prescribes the quality management systems and procedures used in the conduct of these activities. |
| Target group: | Certification bodies performing certification.The final user will Slovenian metal-workung industry. |
| Result: | Paper - Brochures |
| Area of application: | The final user are Slovenian metal-working industry. |
| Homepage: | www.i-var.si |
| Product Languages: | English |

# Product 'Pilot seminars for a selected group of welding engineering for Slovenian metal-welding industry.'

| | |
|---|---|
| Title: | Pilot seminars for a selected group of welding engineering for Slovenian metal-welding industry. |
| Product Type: | material for open learning |
| Marketing Text: | |
| Description: | Seminar on - Technical requirements for the of welded construction, we have dealt with topics relating to: Slovenian technical requirements for steel structures, requirements for welding according to EN 1090, review of standards and associated workshop. The seminar was attended by 46 of welding coordinators. The seminar has been designed with a view to establishing lifelong learning welding coordinators. |
| Target group: | Welding engineers and welding technologists performing tasks of welding coordination. |
| Result: | 1st Pilot Seminar: Technical requirements for the construction of welded structures.<br>2nd Pilot Seminar: Corrosion of steel and corrosion protection products. |
| Area of application: | Lifelong learnind of welding coordinators. |
| Homepage: | |
| Product Languages: | Slovenian |

# Product 'Instruction and Recommendation for Lifelong Learning Programme (LLP) of Welding Coordinations'

| | |
|---|---|
| Title: | Instruction and Recommendation for Lifelong Learning Programme (LLP) of Welding Coordinations |
| Product Type: | program or curricula |
| Marketing Text: | |
| Description: | This Instruction and Recommendation for LLP of Welding Coordinators is elaborated according the IAB document. Lifelong Learning Programme is understood as the Certification Scheme of Welding Coordinators. The certification Scheme provide a simple means by which job capability can be assessed and recognised. It defines the profile of education, knowledge, experience and responsibility required for a range of conventional welding tasks and provide a professional assessment procedure. Certification is concerned with current competence rather then professional assessment procedure. Certification is concerned with current competence rather then historical attainment and periodic renewal is required. |
| Target group: | Engineers, teachnicians and foremen in the metal-working industry in Europe |
| Result: | Instruction and Recommendation for Lifelong Learning Programme (LLP). |
| Area of application: | Metal-working industry in Europe |
| Homepage: | |
| Product Languages: | English |

# Product 'Manual for certification of welding personnel (OP)'

| | |
|---|---|
| Title: | Manual for certification of welding personnel (OP) |
| Product Type: | others |
| Marketing Text: | |
| Description: | The work procedure rules are collected for certification of welding coordinators: IWE, IWT and IWS. |
| Target group: | Metal-working industry in Slovenia and Europa. |
| Result: | Certification of welding personnel is based on the terms of the rules IAB-341-08. For certification in the jurisdiction Slovenian Association of Welding Engineering (ANB), which provide prospects down the certification and rules for use of the certification: Expertise, Further Education, Findings, Certification and Re-certification. |
| Area of application: | Certification of welding coordinators. |
| Homepage: | |
| Product Languages: | Slovenian |

# Product 'Pilot certification'

| | |
|---|---|
| Title: | Pilot certification |
| Product Type: | transparency and certification |
| Marketing Text: | Pilot certification for a selected group of engineer from Slovenia metal-work industry. |
| Description: | Certification |
| Target group: | Welding engineers and welding technologists. |
| Result: | 25 Slovenian welding coordinators were certificated. |
| Area of application: | Metal-working industry. |
| Homepage: | |
| Product Languages: | Slovenian |

# Product 'The System of lifelong education of welding coordinators.'

| | |
|---|---|
| Title: | The System of lifelong education of welding coordinators. |
| Product Type: | distribution methods |
| Marketing Text: | Learning Programme is understood as the Certification Scheme of Welding Coordinators. |
| Description: | The certification Scheme provides a simple means by which job capability can be assessed and recognised. It defines the profile of education, knowledge, experience and responsibility required for a range of conventional welding tasks and provide a professional assessment procedure. Certification is concerned with current competence rather then professional assessment procedure. |
| Target group: | Welding engimeers and welding technologists. |
| Result: | The system of lifelong education of welding coordinators. |
| Area of application: | Lifelong education of welding coordinators. |
| Homepage: | |
| Product Languages: | English |

# Events

## Project presentation DVT 2011

| | |
|---|---|
| Date | 09.12.2011 |
| Description | Presentation project Certification of welding coordinators related with LLP on DVT 2011 |
| Target audience | Slovenian welding industry |
| Public | Closed event |
| Contact Information | |
| Time and place | 9 of December 2011 |

## 5th workshop in Lisbon

| | |
|---|---|
| Date | 21.11.2011 |
| Description | Consortium metting, Overview of project activities and Plan of furtheractivities. |
| Target audience | Project partners |
| Public | Closed event |
| Contact Information | |
| Time and place | 21st and 22nd of November 2011, EWF, Lisbon, PORTUGAL |

## New Modern Technologies used in Education and Certification of Welding Personnel

| | |
|---|---|
| Date | 21.10.2011 |
| Description | Presentation Article- New Modern Technologies used in Education and Certification of Welding Personnel oh 2nd South-Est European IIW Inernational Conference. |
| Target audience | European welding Industry. |
| Public | Closed event |
| Contact Information | |
| Time and place | 21st and 24th of October 2011. |

# Events

## Pilot certification

| | |
|---|---|
| Date | 01.10.2011 |
| Description | Pilot certification of group of Slovenian welding coordinators. |
| Target audience | Welding coordinators. |
| Public | Closed event |
| Contact Information | |
| Time and place | October 2011, Welding Institute, Ljubljana, SLOVENIA |

## 4th Consortium meeting in Lisbon

| | |
|---|---|
| Date | 19.09.2011 |
| Description | Consortium meeting |
| Target audience | Project partners |
| Public | Closed event |
| Contact Information | |
| Time and place | 19th and 20th of September 2011, EWF , Lisbon , PORTUGAL |

## Seminar - Filing of applications form for certification of welding coordinators

| | |
|---|---|
| Date | 15.06.2011 |
| Description | Finding of application form for certification of welding coordinators. |
| Target audience | Welding coordinators |
| Public | Closed event |
| Contact Information | |
| Time and place | 15th of June 2011, Welding institute, Ljubljana, SLOVENIA |

# Events

## Presentation of IIW system for certification of welding coordinators

| | |
|---|---|
| Date | 20.04.2011 |
| Description | seminar |
| Target audience | Welding engineers and welding technologist performing tasks of welding coordination in metal -working industry. |
| Public | Closed event |
| Contact Information | |
| Time and place | 20. april 2011<br>Institut za varilstvo d.o.o., Ljubljana |

## System for certification of welding coordinators and LLP

| | |
|---|---|
| Date | 20.04.2011 |
| Description | Lifelong program for welding coordinators.<br>Aim of certification of welding coordinators.<br>IIW system of certification of welding coordinators.<br>Discusion- |
| Target audience | Welding engineers and welding technologists performing tasks of welding coordination in metal-working industry. |
| Public | Closed event |
| Contact Information | |
| Time and place | 20. april 2011 |

## Pilot seminar - The System certification of welding coordinators

| | |
|---|---|
| Date | 20.04.2011 |
| Description | Pilot seminars of welding coordinators. |
| Target audience | Metal-work industry. |
| Public | Closed event |
| Contact Information | |
| Time and place | 20th of april 2011, Welding Institute, Ljubljana, SLOVENIA |

# Events

## 3rd Consortium meeting in Bratislava

| | |
|---|---|
| Date | 18.04.2011 |
| Description | Consortium meeting, Overview of project activities. |
| Target audience | Partners in CWC project |
| Public | Closed event |
| Contact Information | |
| Time and place | 18th and 19th of April 2011, VUZ PI-SK, Bratislava, SLOVAKIA |

## Meeting for CWC project

| | |
|---|---|
| Date | 11.04.2011 |
| Description | Meeting for certification of Welding Coordinators Relating with LLP. |
| Target audience | People for performing certification. |
| Public | Closed event |
| Contact Information | |
| Time and place | 11. april 2011 |

## Meeting for CWC project

| | |
|---|---|
| Date | 28.03.2011 |
| Description | Start of certification of welding coordinators. |
| Target audience | Person who certificate welding coordinators. |
| Public | Closed event |
| Contact Information | |
| Time and place | 28. march 2011<br>Institut za varilstvo d.o.o., Ljubljana |

# Events

## Pilot seminar - Corossion of steel products and corrosion protection

| | |
|---|---|
| Date | 01.03.2011 |
| Description | Pilot Seminar |
| Target audience | Metal-working industry.<br>Welding coordinators. |
| Public | Closed event |
| Contact Information | |
| Time and place | 1. march 2011<br>Institut za varilstvo d.o.o., Ljubljana |

## International Standard ISO 3834 in national Journal VARILNA TEHNIKA, 2/10, Letnik 59, ISDN 0505-0278

| | |
|---|---|
| Date | 16.02.2011 |
| Description | Presentation standard ISO 3834 in national Journal VARILNA TEHNIKA. |
| Target audience | Slovenian welding industry |
| Public | Closed event |
| Contact Information | |
| Time and place | February 2010, Welding Institute, Ljubljana, SLOVENIA |

## Project presentation EWF

| | |
|---|---|
| Date | 16.02.2011 |
| Description | Project Presentation: WELDING COORDINATORS, NEWSLETTER News&Information about the EWF anf the IAB/IIW, Issue 26, EWF-IAB/IIW Secretariat |
| Target audience | European welding industry. |
| Public | Closed event |
| Contact Information | |
| Time and place | February 2011 |

# Events

## 2nd Workshop in Lisbon

| | |
|---|---|
| Date | 10.12.2010 |
| Description | Consortium meeting:<br>-Plan of short term activities and results,<br>-Evaluation of results of previus work,<br>-1st Financial report,<br>-Work plan for the next period.<br>Lifelong learning of welding coordinators:<br>-Experience in EWF,<br>-Recommendation for lifelong learning of welding coordinators. |
| Target audience | Partners of project CWC. |
| Public | Closed event |
| Contact Information | |
| Time and place | 8th and 10th of December 2010.<br>Lisbon, PORTUGAL |

## Project presentation on DVT 2010

| | |
|---|---|
| Date | 03.12.2010 |
| Description | Project presentation on DVT 2010. |
| Target audience | Slovenian welding industry. |
| Public | Closed event |
| Contact Information | |
| Time and place | 03 of Decembre 2010 |

# Events

## Pilot seminar- Technical requirements in the construction of welded structures

| | |
|---|---|
| Date | 22.09.2010 |
| Description | Pilot seminar for for selected group of welding coordinators from Slovenia metal-working industry. |
| Target audience | Welding coordinators. |
| Public | Closed event |
| Contact Information | |
| Time and place | 22nd september 2010,<br>Welding Institute - Ljubljana |

## Certification

| | |
|---|---|
| Date | 18.08.2010 |
| Description | Project presentation in national Journals. |
| Target audience | Slovakian welding industry. |
| Public | Closed event |
| Contact Information | |
| Time and place | August 2010 |

## Presentation on Day of Welding technology 2010

| | |
|---|---|
| Date | 20.05.2010 |
| Description | Presentation of project on Day of Welding technology. |
| Target audience | Slovenian welding industry. |
| Public | Closed event |
| Contact Information | |
| Time and place | 20th of May 2010 |

# Events

## 1st Workshop in Bratislava

| | |
|---|---|
| Date | 09.03.2010 |
| Description | Consortum meeting<br>Presentation the system of welding personals in Slovakia. |
| Target audience | Partners in projects. |
| Public | Closed event |
| Contact Information | |
| Time and place | From 8th to 9th of March 2010.<br>VUZ PI SR Vyskumny ustav zvaracsky- Priemyselny institut SR-Bratislava. |

## Presentation a project on the 35th EWF GENERAL ASSEMBLY

| | |
|---|---|
| Date | 21.01.2010 |
| Description | The 35 EWF GENERAL ASSEMBLY. Presentation a project which main aim is to introduce in Slovenia the certification of welding coordinators related with the Lifelong Program. |
| Target audience | European welding industry |
| Public | Closed event |
| Contact Information | |
| Time and place | 21st of Januar 2010, Villepinte, Paris, FRANCE |

## Kick of meeting in Ljubljana

| | |
|---|---|
| Date | 18.12.2009 |
| Description | Kick of meeting for project Certification of Welding Coordinators Related with LPP. |
| Target audience | Partners in projects. |
| Public | Closed event |
| Contact Information | |
| Time and place | From 17th to 18th of December 2009. |

# Events

## Presentation project CWC on DVT

| | |
|---|---|
| Date | 04.12.2009 |
| Description | Dissemination project Certification of Welding Coordinators Related with LLP on DVT on Welding Institute in Ljubljana. |
| Target audience | Welding coordinators |
| Public | Closed event |
| Contact Information | |
| Time and place | 4th December 2009<br>Welding Institute- Ljubljana |