Aquanet: Expert training for Professions and Key sectors in Efficient Water Management

ES/07/LLP-LdV/TOI/149053

http://www.adam-europe.eu/adam/project/view.htm?prj=5789
Aquanet: Expert training for Professions and Key sectors in Efficient Water Management (ES/07/LLP-LdV/TOI/149053)

Title: Aquanet: Expert training for Professions and Key sectors in Efficient Water Management

Project Number: ES/07/LLP-LdV/TOI/149053

Year: 2007

Project Type: Transfer of Innovation

Status: completed

Country: ES-Spain

Marketing Text: AQUANET, a Leonardo da Vinci project for the transfer of innovation, intends to transfer an international reference model for an efficient use of water, already validated by the European LIFE Programme (www.life-optimizagua.org) and a virtual platform also validated within the Leonardo da Vinci Programme (http://leonardo.svalero.es). The subjects tackled by these two projects, have evidenced the need of a specific training on devices, technologies and methodologies that promote an efficient use of water, which constitutes the main aims of this project:

• Elaboration of a didactic handbook for the adaptation of the workers of key professions and fields, to the new technologies related to water management
• To offer a didactic guide on the efficient use of water, to the educational representatives and vocational training centres
• To foster the implementation of technologies, methodologies and good practices to promote the efficient use of water, through continuing training activities

Summary: The project tackles certain needs of continuous training for professions and key sectors related to the effective water management. This training is based on transfer of innovation, already validated by two pilot projects of international reference developed one of them in the framework of the LIFE Programme (www.life-optimizagua.org) and the other one under the Leonardo da Vinci framework and whose results are the bases pedagogical and didactic to be transferred by this project proposal ("multimedia training for workers" virtual platform, http://leonardo.svalero.es).

The project try to offer a didactic material and support tools for the cross-training in water and environment matter aimed at professional training centres, as well as, to reinforce the institutional presence of the project in the International Exhibition, EXPO ZARAGOZA 2008 under the thematic axis "water and sustainable development" to promote through its events of international scope and renowned mass-media, a great disseminating impact and the large-scale valorisation of the project results.

The association is multi-agent, with key organisms representing the suitable professional profiles of destination (agricultural, public local entities, local development organisms, professional training centres in agricultural matter and environment, agrarian associations). It is reinforced by the local co-financing of the Zaragoza Town Council. Finally, the association is geographically balanced and responds a double strategy: presence of countries of different EU geographical areas (South and North Europe), and, the need of a better management of the hydric resource in those zones where there is the highest water consumption and the highest water scarcity (South Europe), combined with the participating of two countries recently adhered to the EU and in which it is advisable to introduce innovation linked to quality water.

Results:
- Manual in 6 languages for the professional training in effective water management for agriculture and local entities.
- Didactic guide in six languages aimed at the European Educative Community as cross-training of models, good practices and workshops promoting the effective water use.
- Virtual platform for e-learning training that will integrate the contents and the training offer elaborated.
- Creation of a cellule of international prospective with more than 200 entities for the
**Project Information**

permanent data updating to the technical evolution.
Specific dissemination products in different languages (brochures, video, web...)

**Description:**
AQUANET, is transfer of innovation project frameworked in the Leonardo da Vinci Programme in the Lifelong Learning ambit. This Project intends to transfer an international reference model for the efficient use of water already validated in the framework of the European LIFE programme, and a virtual platform used as training tool and methodology which was also validated at international level within the Leonardo da Vinci Programme: OPTIMIZAGUA PROJECT and Pilot project, MULTIMEDIA TRAINING SYSTEM FOR WORKERS

Nowadays, the thematic subject tackled by both projects are fully current and the need of offering a specific training in devices, technologies and methodologies promoting an “efficient water use and management” have been evidenced, which constitutes the main topic of this project

**TARGET GROUPS:**
•Workers of local entities and enterprises working on the maintenance of public green areas and who are responsible for irrigation tasks for parks and gardens.
•Sectoral Organizations representing the agriculture sector and its workers, starting for the traditional characteristics of the very same sector.
•Architecture bureaus and engineering entities responsible for the design of green areas, irrigation systems, urban planning and landscape studies in order to promote technical solutions aimed to the efficient water management.
•Educational community and vocational training centres, through a specific didactic guide to promote the cross-learning on systems, technologies and good practises for the efficient use of water.
•Countries and regions participants in the International Exhibition Expo-Zaragoza 2008 and specific accredited MASS MEDIA for such event.
•Public in general for dissemination purposes and sensibilization.

**Objetives:**
•The project aims at tackling certain needs of continuous training for professional profiles and key sectors for efficient water management.
•Elaboration of a didactic handbook for the adaptation of the workers to the new “efficient water management-related technologies” for the above mentioned professions and key sectors.
•To offer the educational community and vocational training centres a didactic guide on systems, models and good practises for the efficient use of water, in order to foster an e-learning cross-training and its multiplier effect.
•To provide the target public with an e-learning training platform based on the contents developed.
•To elaborate specific dissemination and valorisation products: leaflets, web, video-spots, final publication and institutional presence in the Expo Zaragoza 2008.
•Institutional presence of the Project in the International Exhibition “Expo Zaragoza 2008”, under the thematic axis “water and sustainable development.”

**Themes:**
*** Lifelong learning
*** Open and distance learning
*** Continuous training

**Sectors:**
*** Water Supply; Sewerage, Waste Management and Remediation Activities
*** Professional, Scientific and Technical Activities
*** Education
*** Agriculture, Forestry and Fishing
• Public Administration and Defence; Compulsory Social Security

**Product Types:**
open and distance learning
CD-ROM
website
others

**Product information:**
•Life-long learning handbook on “efficient water management-related technologies, devices and methodologies” in e-learning modality.
•Didactic Guide to facilitate the cross-learning on models, technologies, methodologies and good practises of efficient water use.
•Virtual e-learning platform for life-long learning in “efficient water management
Project Information

- Adhesion, on a European scope, of training centres and European entities to the expert training platform and to an international prospective cell so-called “International Observatory for efficient water management”.
- The website of the AQUANET project offers a description of the objectives, partnership, activities and results of the project in the different languages of the partners.

Project homepage: http://www.aquanet-experttraining.eu
Project Contractor

Name: Fundación San Valero
City: Zaragoza
Country/Region: Aragón
Country: ES-Spain
Organization Type: association/non-governmental organisation
Homepage: http://www.svalero.es

Contact Person

Name: Nieves Zubalez Marco
Address: c/ Violeta Parra 9
City: Zaragoza
Country: ES-Spain
Telephone: +34976466599
Fax: +34976466590
E-mail: nzubalez@svalero.es
Homepage: http://www.svalero.es
Coordinator

Name: Fundación San Valero
City: Zaragoza
Country/Region: Aragón
Country: ES-Spain
Organization Type: association/non-governmental organisation
Homepage: http://www.svalero.es

Contact Person

Name: Nieves Zubalez Marco
Address: c/ Violeta Parra 9
City: Zaragoza
Country: ES-Spain
Telephone: +34976466599
Fax: +34976466590
E-mail: nzubalez@svalero.es
Homepage: http://www.svalero.es
Partner

Partner 1

Name: ADRAT, Associaçao de Desenvolvimento da Regiao do Alto Tamega
City: Chaves
Country/Region: Norte
Country: PT-Portugal
Organization Type: association/non-governmental organisation
Homepage: http://www.adrat.pt

Partner 2

Name: EUROPA, INNOVACION Y DESARROLLO, S.L.
City: Zaragoza
Country/Region: Aragón
Country: ES-Spain
Organization Type: SME - small and medium-sized enterprise (up to 250 employees)
Homepage:

Partner 3

Name: Centro Instruizione Professionale Agricola e Assistenza Tecnica dlla Toscana
City: Florencia
Country/Region: Toscana
Country: IT-Italy
Organization Type: trade union organisation
Homepage: http://www.ciatoscana.it/formazione

Partner 4

Name: AGROINSTITUT NITRA
City: Nitra
Country/Region: Bratislavsky Kraj
Country: SK-Slovakia
Organization Type: public institution
Homepage: http://www.agroinstitut.sk
Partner

Partner 5

Name: CONSILUN JUDETEAN HARGHITA
City: Miercurea Ciuc
Country/Region: Centru
Country: RO-Romania
Organization Type: public institution
Homepage: http://www.cchr.ro

Partner 6

Name: INSTITUTO DE RESTAURACION Y MEDIO AMBIENTE, SL
City: La Virgen del Camino, León
Country/Region: Castilla y León
Country: ES-Spain
Organization Type: SME - small and medium-sized enterprise (up to 250 employees)
Homepage: http://www.irmasl.com
Products

1. Life-long learning handbook on “efficient water management-related technologies, devices and
2. Didactic Guide to facilitate the cross-learning on models, technologies, methodologies and good
3. Virtual e-learning platform for life-long learning in “efficient water management”
4. “International Observatory for efficient water management”
5. The website of the AQUANET
Product 'Life-long learning handbook on “efficient water management-related technologies, devices and methodologies” in e-learning modality'

Title: Life-long learning handbook on “efficient water management-related technologies, devices and methodologies” in e-learning modality

Product Type: CD-ROM

Marketing Text: It is the first European manual available in seven EU official languages, which compiles technologies, methodologies and devices with a high added value to foster water efficient management. Its focus as a training tool is mainly addressed to workers and professionals of the key sectors (agriculture, engineering, architecture, urbanism…) professional schools and public decision-makers. To obtain more information about the manual, please visit the website of the AQUANET project: www.aquanet-experttraining.eu

Description: Elaboration of a didactic handbook for the adaptation of the workers to the new “efficient water management-related technologies” for professions and key sectors

Target group: workers and professionals of the key sectors (agriculture, engineering, architecture, urbanism…) professional schools and public decision-makers

Result: European manual available in seven EU official languages, which compiles technologies, methodologies and devices with a high added value to foster water efficient management

Area of application: To foster the implementation of technologies, methodologies and good practices that promote the efficient use of water, through continuing training activities

Homepage: www.aquanet-experttraining.eu

Product Languages: Hungarian
Italian
English
Slovak
Spanish
Portuguese
Romanian
Product 'Didactic Guide to facilitate the cross-learning on models, technologies, methodologies and good practises of efficient water use'

Title: Didactic Guide to facilitate the cross-learning on models, technologies, methodologies and good practises of efficient water use

Product Type: CD-ROM

Marketing Text: It is the first European didactic guide, also available in seven languages and different formats. It is addressed to vocational training and secondary education teachers and students. Its aim as support material for the teachers is to educate and train on uses and efficient criteria, as a future value that should be implemented in those entities and training centres, and should be reflected in actions based on the learned values. To obtain more information about the didactic guide, please visit the website of the AQUANET project: www.aquanet-experttraining.eu

Description: Elaboration of a didactic guide on the efficient use of water, to the educational representatives and vocational training centres, in order to facilitate the cross-learning on models, technologies, methodologies and good practises for an efficient use of water

Target group: Educational community, vocational training and secondary education teachers and students

Result: European didactic guide, also available in seven languages.

Area of application: Its aim as support material for the teachers is to educate and train on uses and efficient criteria, as a future value that should be implemented in those entities and training centres, and should be reflected in actions based on the learned values

Homepage: www.aquanet-experttraining.eu

Product Languages: Portuguese
Romanian
Slovak
Spanish
English
Hungarian
Italian
Product "Virtual e-learning platform for life-long learning in “efficient water management”"

Title: Virtual e-learning platform for life-long learning in “efficient water management”

Product Type: open and distance learning

Marketing Text: Within the virtual e-learning platform the pilot actions have been developed at international level for the validation of the manual and guide of the project have been very successful and have had a great participation; more than 200 people have been registered at international level. This platform has allowed a continuous external quality control and also a high level of proposals and complementary contributions to be added to the ones already suggested by the 200 entities included in the observatory of the project

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Target group: workers and professionals of the key sectors (agriculture, engineering, architecture, urbanism…) professional schools and public decision-makers Educational comunity, vocational training and secondary education teachers and students

Result: Within the virtual e-learning platform the pilot actions have been developed at international level for the validation of the manual and guide of the project have been very successful and have had a great participation; more than 200 people have been registered at international level. This platform has allowed a continuous external quality control and also a high level of proposals and complementary contributions to be added to the ones already suggested by the 200 entities included in the observatory of the project

Area of application: Virtual e-learning platform for life-long learning in “efficient water management matter”

Homepage: www.aquanet-experttraining.eu

Product Languages: Spanish Slovak Romanian Portuguese Italian Hungarian English

http://www.adam-europe.eu/adam/project/view.htm?prj=5789&prd=3
Product "International Observatory for efficient water management"

Title: “International Observatory for efficient water management”

Product Type: website

Marketing Text: Adhesion, on a European scope, of training centres and European entities to the expert training platform and to an international prospective cell so-called “International Observatory for efficient water management”.

Description: The international observatory of the “Aquanet” project has included directly (or indirectly through different networks and entities) more than 200 organisations that assure the future continuity of the actions and the effective exploitation of the results, as well as the permanent update of the elaborated contents, once the lifetime of the project is finished.

Target group: Entities, workers and professionals of the key sectors (agriculture, engineering, architecture, urbanism…) professional schools and public decision-makers.

Result: Adhesion, on a European scope, of training centres and European entities to an international prospective cell so-called “International Observatory for efficient water management”.

Area of application: The permanent update of the elaborated contents, once the lifetime of the project is finished, as well as the networking between the members of the observatory.

Homepage: www.aquanet-experttraining.eu

Product Languages: English
Italian
Hungarian
Romanian
Portuguese
Spanish
Slovak
Product 'The website of the AQUANET'

Title: The website of the AQUANET

Product Type: website

Marketing Text: The website of the AQUANET project offers a description of the objectives, partnership, activities and results of the project in the different languages of the partners

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Target group: General Public
Workers and professionals of the key sectors (agriculture, engineering, architecture, urbanism…) professional schools and public decision-makers
Educational Community

Result: A dynamic website

Area of application: To disseminate the project, the results and to valorize the final products

Homepage: www.aquanet-experttraining.eu

Product Languages: Slovak
Spanish
Portuguese
Romanian
English
Hungarian