

Transfer of innovative VET system in Wind Energy Technologies

2011-1-BG1-LEO05-05035

<http://www.adam-europe.eu/adam/project/view.htm?prj=11587>

Project Information

Title: Transfer of innovative VET system in Wind Energy Technologies
Project Number: 2011-1-BG1-LEO05-05035
Year: 2011
Project Type: Transfer of Innovation
Status: completed
Country: BG-Bulgaria
Marketing Text: TrainWind project proposes ICT-based training in Wind Energy Technologies.
TrainWIND project transfers and adapt an innovative e-learning platform for training employees in WET. Furthermore:
Analyze the needs and create stakeholders' networks in WET
Provide ICT-based training programmes in WET
Provide training-oriented actions related to the "delivering a skills base relevant to working life"
Train skilled and motivated workers in WET
Implement ICT technologies in VET and promote their use.

OUTCOMES

Handbook - Needs Analysis in WET, an aggregated and comparative extract of partner local reports
Adapted, improved and translated courses for VET training in WET based on LLP-TOI project e-WindTech
Established e-learning platform and software tools with online courses for training and measuring competencies in WET
Guidance 'Vocational Training in WET - Good Practices', summary of the obtained results, recommendations and future targets

Summary: ORIGIN

European Wind Energy Association (EWEA) has announced that it expects EU wind energy sector to create over 250,000 new jobs in the next decade. In Bulgaria/UK there is high demand for specialists in operation and maintenance in the sector. Official data states that each MW of installed capacity of wind power creates approximately 5 jobs for qualified staff. Thus, the demand for specialists in Wind Energy Technologies (WET) has increased by approximately 1500 people in BG.
TrainWind project proposes ICT-based training in WET to response to that demand and to offer target groups opportunity for professional development.

TARGET GROUPS

1 Employees in wind energy sector, to adapt their abilities to the new WET and complement their professional development
2 Young people in their formal training and education stage

AIMS AND OBJECTIVES

TrainWIND project will transfer and adapt an innovative e-learning platform for training employees in WET. Furthermore:
Analyze the needs and create stakeholders' networks in WET
Provide ICT-based training programmes (syllabus and courses) in WET
Provide training-oriented actions related to the "delivering a skills base relevant to working life"
Train skilled and motivated workers in WET
Implement ICT technologies in VET and promote their use
Ultimately promote the usage of Renewable Energy

CONSORTIUM

The partnership includes organizations experienced both in VET and in Wind energy sector: TUV, FEER, Embrace and Syntra West and industry firms ABC WindFarm and APEE, to provide contact and feedbacks from the consumer perspective. There are partners of 4 EU countries leading in WET: BG, ES, UK, BE. All partners have

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significant experience in transnational cooperation in both scientific and VET oriented project activities. The partners are familiar with each other with previous experience dating 3 years back.

OUTCOMES

Handbook - Needs Analysis in WET, an aggregated and comparative extract of partner local reports
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Established e-learning platform and software tools with online courses for training and measuring competencies in WET
Guidance 'Vocational Training in WET - Good Practices', summary of the obtained results, recommendations and future targets
Analysis of post evaluation form based on conducted pilot courses

IMPACT

Increasing e-learning capacity of each partner
Creation of local and EU stakeholders' networks in Wind energy sector
Improved skills and a better access to the "world of work" for target groups
Validation of acquired competences
Increasing competitiveness of Wind energy sector
Transfer of project experiences and practices between stakeholders in the sector
Embedding partners' national qualification structures in transparent EU VET system
Influence towards the need and benefits of LLP
Valorization of WET training

Description: TrainWind project proposes ICT-based training in Wind Energy Technologies (WET). TrainWIND project transfer and adapt an innovative e-learning platform for training employees in WET. Other activities: analyze the needs and create stakeholders' networks in WET; Provide ICT-based training programmes in WET; provide training-oriented actions related to the "delivering a skills base relevant to working life"; Train skilled and motivated workers in WET; Implement ICT technologies in VET and promote their use.

Themes: *** Quality
*** Open and distance learning
** Labor market
** ICT
** Higher education
** Continuous training
* Lifelong learning
* Ecology
* Initial training

Sectors: *** Education
* Electricity, Gas, Steam and Air Conditioning Supply

Product Types: open and distance learning
teaching material
DVD
program or curricula
website
transparency and certification

Product information: The TrainWind web-site is considered an important tool in disseminating the project results to a wider audience.
The Handbook - Need Analysis is a comprehensive document that combines in a uniform report:
* overview on wind energy technologies (WET) - wind potential, state of art, market diffusion and legislation;
* research on the current state and needs of Vocational Education and Training in WET including employment, competence required, existing courses, legislation, etc.
Adapted improved and translated courses for VET training in WET based on LLP-TOI project e-WindTech, Based on:

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- * the conclusions in the Need Analysis Handbook,
- * consultations with members of the stakeholders' network, and
- * discussions between the partners of the consortium.

E-learning platform and software tools with online courses for training and measuring competencies in Wind Energy Technologies are hosted by the project coordinator, TUV (<http://trainwind.tu-varna.bg/www/index.php>).

The project blog was implemented in Facebook.

The Good Practices Guide translated in four languages (Bulgarian, Dutch, Spanish and English) summarizes the methods used for implementing the project and offers guidance on how the project achievements can be reused and reproduced.

The post evaluation form based on the pilot courses report summarizes the results from the TrainWind Pilot Courses in Bulgaria and UK and the trainees feedback.

External evaluation company WeekPRes was contracted to evaluate the project outcomes.

Projecthomepage: <http://www.tu-varna.bg/trainwind/>

Project Contractor

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City: Varna
Country/Region: Severoiztochen
Country: BG-Bulgaria
Organization Type: university/Fachhochschule/academy
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Coordinator

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Partner

Partner 1

Name: ABC Wind Farm Ltd.
City: Stara Zagora
Country/Region: Yuzhen tsentralen
Country: BG-Bulgaria
Organization Type: others
Homepage: <http://longman-bg.com>

Partner 2

Name: Syntra West vzw
City: Brugge
Country/Region: West Vlaanderen
Country: BE-Belgium
Organization Type: others
Homepage: <http://www.syntrawest.be>

Partner 3

Name: Embrace Cooperation Ltd.
City: London
Country/Region: London
Country: UK-United Kingdom
Organization Type: others
Homepage: <http://www.myembrace.org>

Partner 4

Name: Foundation for the Training in Renewable Energies
City: Imarcoain
Country/Region: Centro
Country: ES-Spain
Organization Type: others
Homepage: <http://www.cenifer.com>

Partner

Partner 5

Name: Association of Producers of Ecological Energy
City: Varna
Country/Region: Severoiztochen
Country: BG-Bulgaria
Organization Type: others
Homepage: <http://www.apeebg.org>

Project Files

J.7.7. Good practices guide_BG.pdf

http://www.adam-europe.eu/prj/11587/prj/J.7.7.%20Good%20practices%20guide_BG.pdf

Good Practices Guide

M.7.4 TrainWind_Newsletter1.pdf

http://www.adam-europe.eu/prj/11587/prj/M.7.4%20TrainWind_Newsletter1.pdf

TrainWind Newsletter 1

M.7.4 TrainWind_Newsletter2.pdf

http://www.adam-europe.eu/prj/11587/prj/M.7.4%20TrainWind_Newsletter2.pdf

TrainWind Newsletter 2

M.7.4 TrainWind_Newsletter3.pdf

http://www.adam-europe.eu/prj/11587/prj/M.7.4%20TrainWind_Newsletter3.pdf

TrainWind Newsletter 3

M.7.4 TrainWind_Newsletter4.pdf

http://www.adam-europe.eu/prj/11587/prj/M.7.4%20TrainWind_Newsletter4.pdf

TrainWind Newsletter 4

UnitEN-1.pdf

<http://www.adam-europe.eu/prj/11587/prj/UnitEN-1.pdf>

TrainWind Unit 1

UnitEN-2.pdf

<http://www.adam-europe.eu/prj/11587/prj/UnitEN-2.pdf>

TrainWind Unit 2

UnitEN-3.pdf

<http://www.adam-europe.eu/prj/11587/prj/UnitEN-3.pdf>

TrainWind Unit 3

UnitEN-4.pdf

<http://www.adam-europe.eu/prj/11587/prj/UnitEN-4.pdf>

TrainWind Unit 4

UnitEN-5.pdf

<http://www.adam-europe.eu/prj/11587/prj/UnitEN-5.pdf>

TrainWind Unit 5

Products

- 1 E-learning platform

Product 'E-learning platform'

Title: E-learning platform

Product Type: DVD

Marketing Text: E-learning platform and software tools with online courses for training and measuring competencies in Wind Energy Technologies.

Description: The E-learning platform and software tools with online courses for training and measuring competencies in Wind Energy Technologies are hosted by the project coordinator, TUV (<http://trainwind.tu-varna.bg/www/index.php>).
The E-learning platform, along with all the required tools is stationed on a dedicated server acquired through the TrainWind budget. The adapted TrainWind Pilot courses were uploaded at the TrainWind e-learning platform .

Target group: Employees in wind sector
young people

Result: Training in VET for Wind Energy Technologies

Area of application: VET Training

Homepage: <http://trainwind.tu-varna.bg/www/index.php>

Product Languages: English
Spanish
Bulgarian
Dutch