Projects and Products Portal for Leonardo da Vinci

Stärk Europäische Bildung in Nutzung erneuerbarer Energien für eine nachhaltige Wirtschaft

2012-1-HU1-LEO05-05832

http://www.adam-europe.eu/adam/project/view.htm?prj=10345

Projektinformation

Titel:	Stärk Europäische Bildung in Nutzung erneuerbarer Energien für eine nachhaltige Wirtschaft
Projektnummer:	2012-1-HU1-LEO05-05832
Jahr:	2012
Projekttyp:	Innovationstransfer
Status:	bewilligt
Land:	HU-Ungarn
Marketing Text:	Das Projekt zielt darauf ab, innovative Berufsbildung im Bereich der erneuerbaren Energietechnik nach Ungarn zu übertragen, die einen neuen, ganzheitlichen Ansatz. Das Projekt wird durch eine Partnerschaft von zwei ungarischen Berufsbildungseinrichtungen gebaut. Unsere Partnerschaft über eine pädagogische Methode, mit der Green Jobs modulare Ausbildung des BFI Burgenland entwickelt. Unsere anderen Partner ist Altic, einem niederländischen Forschungsunternehmen , das Wissen über die Produktion von Biomasse-Technologie. Wir haben uns entschieden, diese Erkenntnisse in ein Trainingspaket aus 3 Elementen anpassen: 1. ist ein Ein-Jahres-Techniker Ausbildung für Auszubildende Abschluss der Grundausbildung in Landmaschinen oder Mechatronik; 2. ist ein Erwachsenen-Schulung für Landwirte und ELER Begünstigten; 3. ist ein Erwachsenen-Training für die ländliche Entwicklung Beteiligten (Behörden, Kommunen, verwandte Organisationen)
Zusammenfassung:	The project aims to transfer innovative vocational education in the renewable energy technology to Hungary, considering the huge potential of the green sector and realizing the lack of such training in Hungary at present. In spite of the fact that there are more than 65 billion Forints allocated for green investments in 2007-2013 Cohesion Fund and the EU 2020 Strategy foresees much more resources for the 2014-2020 period, the potential beneficiaries and other stakeholders of the relevant sectors have very little knowledge on the technology available. Hungary, as it is set by the 2010-2020 Action Plan for the Use of Renewable Energy, wishes to create 70.000 new jobs related to the renewable energy sector and undertakes to raise the share of renewable sources in the energy consumption over 14%. Therefore a partnership was formed, led by a rural development association experienced in international cooperation and in implementing EARDF programmes, and complemented by a local (Somogy county integrated vocational education centre, TISZK) and a national (Rural Development Educational and Advisory Institute of the Ministry of Rural Development, VKSZI) stakeholder of the VET sector. They decided to develop related education by transferring innovative practices to Hungary. Careful selection resulted the choice of an Austrian vocational training in renewable energy technology: the Green Jobs modular training of Berufsförderungsinstitute (bfi) Burgenland. This training is integrated into the Resource Efficiency Action Plan (REPA) of Austria. They have already trained 50.000 trainees successfully (more than 50% employed in 3 months) and the REPA aims to train another 100.000 by 2020. Regarding the rank in the renewable energy use of Austria and the similar climatic conditions and closeness (enabling intensive cooperation) of Burgenland, it was the best alternative. Partners decided to put more emphasis on technology based on biomass (plant) production and ensure, that the training planned will have a holistic sustainability approach, beacause at the moment nobody is counting with the consequences of removing a vast quantity of organic material from the fields. Therefore partners convinced Altic, a Dutch research company developing state-of-the art technology for input optimisation and experienced in advising farmers, to provide their knowledge for adaptation into the new training. Considering the structure of the potential target group partners decided to transfer and adapt these innovative knowledges into a renewable energy technology training package containing three elements: PRODUCT 1, operated by TISZK, is a one year technician training for trainees finishing the basic training in agricultural machinery or mechatronics;

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PRODUCT 2, operated by TISZK, an adult training course for farmers and EARDF beneficiaries;
PRODUCT 3, operated by VKSZI, an adult training course for rural development stakeholders (authorities, municipalities, related organisations).

Beschreibung: The project aims to transfer innovative vocational education in the renewable energy technology to Hungary representing a new, holistic approach. The project is built by a partnership of 2 Hungarian vocational education organizations. Our partnership transfers an educational method developed by the Green Jobs modular training of Bfi Burgenland. Our other partner is Altic, a Dutch research company, providing knowledge about the biomass production technology. We decided to adapt these knowledges into a training package of 3 elements: 1. a one-year technician training for trainees finishing the basic training in agricultural machinery or mechatronics; 2. an adult training course for farmers and EARDF beneficiaries; 3. an adult training course for rural development stakeholders (authorities, municipalities, related organisations).

Themen:
*** Lebenslanges Lernen
*** Hochschulbildung
*** Berufsorientierung und -beratung
** Nutzung und Verbreitung von Ergebnissen
** Nachhaltigkeit
* Arbeitsmarkt
* Fernlehre
* Unternehmen, KMU
* Ökologie
* Weiterbildung

Sektoren:
*** Erziehung und Unterricht
** Wasserversorgung; Abwasser- und Abfallentsorgung und Beseitigung von Umweltverschmutzungen
** Land- und Forstwirtschaft, Fischerei
* Energieversorgung

Produkt Typen:
Module
Verbreitungsmethoden
Film
Fernlehre
Verfahren zur Analyse und Prognose des Berufsbildungsbedarfes
andere
Programme/Curricula
Lehrmaterial
Homepage

Produktinformation:
others
program or curricula
teaching material
website

Projektwebseite: http://seereuse.hu/

Vertragnehmer

Name:	Vox Vallis Development Association
Stadt:	Somogydöröcske
Land/Region:	Dél-Dunántúl
Land:	HU-Ungarn
Organisationstyp:	Verband/nicht regierungsgebundene Organisation
Homepage:	http://www.koppanyvolgy.hu

Kontaktperson

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E-Mail:	voxvallis@voxvallis.t-online.hu
Homepage:	

Koordinator

Name:	Vox Vallis Development Association
Stadt:	Somogydöröcske
Land/Region:	Dél-Dunántúl
Land:	HU-Ungarn
Organisationstyp:	Verband/nicht regierungsgebundene Organisation
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Kontaktperson

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Homepage:	

Partner

Partner 1

Name: Rural Development of Educational and Advisory Institute
Stadt: Budapest
Land/Region: Közép-Magyarország
Land: HU-Ungarn
Organisationstyp: andere
Homepage: http://www.vkszi.hu

Partner 2

Name: Regional Integrated Technical Training Centre
Stadt: Siófok
Land/Region: Dél-Dunántúl
Land: HU-Ungarn
Organisationstyp: andere
Homepage: http://www.somogyitiszk.hu

Partner 3

Name: ALTIC B.V.
Stadt: Dronten
Land/Region: Flevoland
Land: NL-Niederlande
Organisationstyp: andere
Homepage: http://www.altic.nl

Partner 4

Name: Berufsförderungsinstitut Burgenland
Stadt: Oberwart
Land/Region: Burgenland
Land: AT-Österreich
Organisationstyp: andere
Homepage: http://www.bfi.hu

Projektdateien

seereuse felnottkepzesi tananyagok bemutatasa_2014.12.10.pptx

http://www.adam-europe.eu/prj/10345/prj/seereuse%20felnottkepzesi%20tananyagok%20bemutatasa_2014.12.10.pptx

Presentation of the adult courses.

Zarokonferencia fd_2015.03.30.ppt

http://www.adam-europe.eu/prj/10345/prj/Zarokonferencia%20fd_2015.03.30.ppt

Presentetion of the vocational courses.

Produkte

1 Website

2 Translation of training course pedagogical material

3 Metodological report from Altic in English

4 National requirements report

5 Preparation of a plan for precision plant production and nutrition management modules

6 Defining modification needs in the basic vocational education curricula and metodology

7 Adaptation of technician traning course; elaboration of the curricula

8 Elaboration of the curricula and training material for the adult course

9 Physical productoin (printed materials)

10 Physical productoin (e-learning materials)

11 Adult training course about the renewable energy usage

12 Organisation of a seminar

13 Organisation of a closing conference

14 Educational film

Produkt 'Website'

Titel:	Website
Produkttyp:	Homepage
Marketing Text:	The website of the project provide all the information about the project activities.
Beschreibung:	http://seereuse.hu/
Zielgruppe:	teachers, trainers, students
Resultat:	website
Anwendungsbereich:	all information
Homepage:	http://seereuse.hu/
Produktsprachen:	Englisch Ungarisch

Produkt 'Translation of training course pedagogical material'

Titel:	Translation of training course pedagogical material
Produkttyp:	Lehrmaterial
Marketing Text:	Translation of Bfi and Altic materials from German and English to Hungarian. Altogather about 1000 pages.
Beschreibung:	Translation of Bfi and Altic materials from German and English to Hungarian. Altogather about 1000 pages (in progress).
Zielgruppe:	curricula developers
Resultat:	Translated materials for the new technician training curricula.
Anwendungsbereich:	Curricula developers
Homepage:	
Produktsprachen:	Ungarisch

Produkt 'Metodological report from Altic in English'

Titel:	Metodological report from Altic in English
Produkttyp:	Lehrmaterial
Marketing Text:	Preparation of 120 pages plan for a precision plant production module into the new curricula adapted to the closed cycle plant production.
Beschreibung:	Preparation of 120 pages plan for a precision plant production module into the new curricula adapted to the closed cycle plant production.
Zielgruppe:	teachers, trainers, students, farmers, rural development stakeholders
Resultat:	Teaching material for product 1,2,3 as a basis of a printed textbook
Anwendungsbereich:	Technician schools (based on the new technician curricula), adult education
Homepage:	
Produktsprachen:	Ungarisch

Produkt 'National requirements report'

Titel:	National requirements report
Produkttyp:	Lehrmaterial
Marketing Text:	National requirements report about the Hungarian regulation of the renewable energy sector.
Beschreibung:	National requirements report about the Hungarian regulation of the renewable energy sector e.g. available EU transfers for the sector; rules of renewable power production etc.
Zielgruppe:	teachers, trainers, students, farmers, rural development stakeholders
Resultat:	130 pages of teaching material for P 1,2,3 (as a basis of a textbook)
Anwendungsbereich:	Technician schools (based on the new technician curricula), adult education
Homepage:	
Produktsprachen:	Ungarisch

Produkt 'Preparation of a plan for precision plant production and nutrition management modules'

Titel:	Preparation of a plan for precision plant production and nutrition management modules
Produkttyp:	Module
Marketing Text:	Target group oriented printed teaching material (book) of nutrient management and precision farming.
Beschreibung:	Target group oriented printed teaching material (book) of nutrient management and precision farming.
Zielgruppe:	Teachers, students and farmers participated in the education.
Resultat:	Printed teaching material.
Anwendungsbereich:	Adult education and vocational education.
Homepage:	Seereuse.hu
Produktsprachen:	Ungarisch

Produkt 'Defining modification needs in the basic vocational education curricula and metodology'

Titel:	Defining modification needs in the basic vocational education curricula and metodology
Produkttyp:	Verfahren zur Analyse und Prognose des Berufsbildungsbedarfes
Marketing Text:	Elaboration of the modification package for the basic education. Identifying the essential materials for the new vocational trainings implementing the missing parts of curriculum to the new teaching material.
Beschreibung:	Elaboration of the modification package for the basic education. Identifying the essential materials for the new vocational trainings implementing the missing parts of curriculum to the new teaching material.
Zielgruppe:	Teachers.
Resultat:	Database with proposals.
Anwendungsbereich:	Vocational education.
Homepage:	Seereuse.hu
Produktsprachen:	Ungarisch

Produkt 'Adaptation of technician traning course; elaboration of the curricula'

Titel:	Adaptation of technician traning course; elaboration of the curricula
Produkttyp:	Programme/Curricula
Marketing Text:	Elaboration of two frameworks of curricula according to the Hungarian rules of law.
Beschreibung:	Elaboration of two frameworks of curricula according to the Hungarian rules of law.
Zielgruppe:	Vocational schools and teachers.
Resultat:	Elaborated frameworks of curricula.
Anwendungsbereich:	Vocational education.
Homepage:	Seereuse.hu
Produktsprachen:	Ungarisch

Produkt 'Elaboration of the curricula and training material for the adult course'

Titel:	Elaboration of the curricula and training material for the adult course
Produkttyp:	Programme/Curricula
Marketing Text:	Elaboration of 3 adult education programs adjusting to the needs of small and medium sized Hungarian farms.
Beschreibung:	Elaboration of 3 adult education programs adjusting to the needs of small and medium sized Hungarian farms.
Zielgruppe:	Farmers who own small or medium sized farms.
Resultat:	Elaborated teaching programs in the following fields: Energy plantation; Small sized biomass power station operation; Biogas plant operation.
Anwendungsbereich:	Adult education.
Homepage:	Seereuse.hu
Produktsprachen:	Ungarisch

Produkt 'Physical productoin (printed materials)'

Titel:	Physical productoin (printed materials)
Produkttyp:	Lehrmaterial
Marketing Text:	4 books with ISBN numbers and 4 lecture notes for the vocational and adult education.
Beschreibung:	4 books with ISBN numbers and 4 lecture notes for the vocational and adult education.
Zielgruppe:	Vocational and adult education institutions, teachers and students.
Resultat:	Altogether 935 pages of printed teaching material.
Anwendungsbereich:	Vocational and adult education.
Homepage:	Seereuse.hu
Produktsprachen:	Ungarisch

Produkt 'Physical productoin (e-learning materials)'

Titel:	Physical productoin (e-learning materials)
Produkttyp:	Fernlehre
Marketing Text:	Creation of a MOODLE teaching site available from the project webpage (Seereuse.hu).
Beschreibung:	Creation of a MOODLE teaching site for the vocational and adult education institutions which can be used only by users (techers, students) having login names and passwords.
Zielgruppe:	Teachers, students.
Resultat:	MOODLE teaching site.
Anwendungsbereich:	Vocational and adult education.
Homepage:	Seereuse.hu
Produktsprachen:	Ungarisch

Produkt 'Adult training course about the renewable energy usage'

Titel:	Adult training course about the renewable energy usage
Produkttyp:	Programme/Curricula
Marketing Text:	Creating a 70 lesson training course about renewable energy using possibilities for leaders of local authorities and rural developers. A 100 page book also belongs to this curricula.
Beschreibung:	Creating a 70 lesson training course about renewable energy using possibilities for leaders of local authorities and rural developers. A 100 page book also belongs to this curricula.
Zielgruppe:	Leaders of local authorities and rural developers.
Resultat:	Curricula and coursebook.
Anwendungsbereich:	Adult education.
Homepage:	Seereuse.hu
Produktsprachen:	Ungarisch

Produkt 'Organisation of a seminar'

Titel:	Organisation of a seminar
Produkttyp:	Verbreitungsmethoden
Marketing Text:	Organizing a seminar for leaders of local authorities and rural developers introducing the project's aims and results, mostly the adult courses created in the framework of the project.
Beschreibung:	Organizing a seminar for leaders of local authorities and rural developers introducing the project's aims and results, mostly the adult courses created in the framework of the project.
Zielgruppe:	Leaders of local authorities and rural developers.
Resultat:	The 124 attendants of the seminar, who represented all regions of Hungary, could get acquainted with the project's aims and results.
Anwendungsbereich:	Adult education, rural development.
Homepage:	Seereuse.hu
Produktsprachen:	Ungarisch

Produkt 'Organisation of a closing conference'

Titel:	Organisation of a closing conference
Produkttyp:	Verbreitungsmethoden
Marketing Text:	Organizing a seminar for leaders of relevant vocational schools introducing the project's aims and results, mostly the vocational curriculas and the related teaching materials created in the framework of the project.
Beschreibung:	Organizing a seminar for leaders of relevant vocational schools introducing the project's aims and results, mostly the vocational curriculas and the related teaching materials created in the framework of the project. In addition, leaders of the authorities and organizations dealing with the applications to the National Teaching Resister also participated in the conference.
Zielgruppe:	Vocational shools who would start training courses based on the curriculas developed by the project.
Resultat:	Most of the potential educational institutions could get acquainted with the project's aims and results.
Anwendungsbereich:	Vocational education.
Homepage:	Seereuse.hu
Produktsprachen:	Ungarisch

Produkt 'Educational film'

Titel:	Educational film
Produkttyp:	Film
Marketing Text:	Creating an educational film about the construction of solar technologies (https://www.youtube.com/watch?v=zMmjENQWHS4&feature=youtu.be).
Beschreibung:	The film is about the construction of swimming pool absorbers.
Zielgruppe:	Vocational and adult education institutions, teachers and students.
Resultat:	Educational film.
Anwendungsbereich:	Practical trainings.
Homepage:	https://www.youtube.com/watch?v=zMmjENQWHS4&feature=youtu.be
Produktsprachen:	Ungarisch

Veranstaltungen

Closing conference

Datum	30.03.2015
Beschreibung	Organizing a seminar for leaders of relevant vocational schools introducing the project's aims and results, mostly the vocational curriculas and the related teaching materials created in the framework of the project. In addition, leaders of the authorities and organizations dealing with the applications to the National Teaching Resister also participated in the conference.
Zielgruppe	Vocational shools who would start training courses based on the curriculas developed by the project.
Öffentlich	Öffentliche Veranstaltung
Kontaktinformation	Seereuse.hu; Nakvi.hu
Zeitpunkt und Ort	30.03.2015. Budapest, Ministry of Agriculture

Seminar

Datum	10.12.2014
Beschreibung	Organizing a seminar for leaders of local authorities and rural developers introducing the project's aims and results, mostly the adult courses created in the framework of the project.
Zielgruppe	Leaders of local authorities and rural developers.
Öffentlich	Öffentliche Veranstaltung
Kontaktinformation	Seereuse.hu; Nakvi.hu
Zeitpunkt und Ort	10.12.2014. Budapest, Vajdahunyadvár

Veranstaltungen

OMÉK (National Agriculture and Food Exhibition)

Datum	18.09.2013
Beschreibung	Introducing the project (aims, method, partners, prospective products) to potential stakeholders at the National Agriculture and Food Exhibition.
Zielgruppe	Farmers, rural stakeholders, students, vocational institutions
Öffentlich	Öffentliche Veranstaltung
Kontaktinformation	http://seereuse.hu/esemenyeink/
Zeitpunkt und Ort	18-21. Sept, 2013. Budapest, HUNGEXPO.