Projects and Products Portal for Leonardo da Vinci

Développement de centres de connaissances pour l'apprentissage à vie en impliquant des spécialistes et des décideurs en matière de gestion des risques d'inondation à l'aide des outils avancés de Hydroinformatic.

2011-1-RO1-LEO05-15329

http://www.adam-europe.eu/adam/project/view.htm?prj=10376

Information sur le projet

Titre: Développement de centres de connaissances pour l'apprentissage à vie en impliquant des spécialistes et des décideurs en matière de gestion des risques d'inondation à l'aide des outils avancés de Hydroinformatic.

Code Projet: 2011-1-RO1-LEO05-15329

Année: 2011

Type de Projet: Projets de transfert d'innovation

Statut: Clôturé

Pays: RO-Roumanie

Accroche marketing: Pendant ce temps dans un passé récent des inondations graves se sont produits en Europe, les pays membres de l'UE ont travaillé sur la mise en œuvre de la directive cadre sur l'eau et la directive inondation. D'énormes investissements dans les infrastructures sont et seront en cours d'exécution. Il est nécessaire pour i) la bonne compréhension du système de la rivière et le comportement du paysage, la prévention et les mesures possibles, comment faire face à des dommages et des pertes potentiels; ii) ayant ingénieurs qualifiés dans le domaine lié au développement de l'infrastructure de gestion de l'eau ainsi que dans le système opération, qui connaissent aussi avec les dernières avancées technologiques, capables de développer des solutions zone ajustés par la compréhension des nationaux / nationaux spécifiques des processus environnementaux.

Résumé: Flood risk management plans, considered as a communicator and disseminator tool across the horizontal structures of governmental and non-governmental bodies dealing with flood protection, flood mitigation and flood struggle in general. They mainly include proposals on how to reduce the losses of lives, property and environmental through flood prevention, protection of vulnerable areas and increased flood preparedness in each river basin. The way of processing of this flood risk management plans on IT platforms changes the information stream flow. Future development plans of regions and cities will get a proper guidance and platforms for future feasibility studies. In Romania, each state institution wants to improve the skills of their employees. There is a lack of specialists who has enough knowledge about the hydroinformatics, thus in everyday work there is a very-very limited use of such tool, meanwhile the work with complex problems has generated recently a need to use valuable tool and proper training series and consultation center.

Description: The sector affected by surplus or scarcity of water requires proper understanding of river and landscape system behavior, what is possible to be done to prevent potential damages and losses; need skilled professionalist, who are familiar also with the newest technological achievements and thus possible solutions. An extensive programmes of APELE Romane (Water Authority of Romania) and VKKI in Hungary have been running to provide flood risk maps in all the main river basins across the both entire country, of which results will improve the understanding and general prediction of flooding on the major river systems and assist the governments to act (in time and space) in accordance with contingency planning based on flood risk management plans, moreover future development plans of regions and cities will get a proper guidance and platforms for future feasibility studies. However Flood Directive implementation has been ongoing in Romania and Hungary, `bridging and direct trainings` for relevant sectors as it is planned in this project have not been provided and have not been planned for future in Romania and Hungary. Thus the project goals are (i) establishment of Romanian and Hungarian training centers with human and IT infrastructure, (ii) training future Romanian and Hungarian trainers who will hand over the knowledge in national languages and develop educational materials; (iii) development country-specific, tailor made courses for hydro-informatics where active participation of water sector representatives is expected, (v) to reach not only water but other flood affected sectors (such as emergency rescue bodies, city planners, etc.); (vi) establishment good framework to sustain project result and generate further co-operational actions.

Thèmes:
*** Marché du travail
*** Formation tout au long de la vie
*** Validation, transparence, certification

Information sur le projet

*** Égalité des chances
* Formation ouverte et à distance

Sectors: *** Construction
*** Production et Distribution d`Eau; Assainissement, Gestion des Déchets et Dépollution
*** Activités Spécialisées, Scientifiques Et Techniques
*** Enseignement

Types de Produit: CD-ROM
Matériel d'apprentissage
Transparence et certification
Site Internet

Information sur le produit: The main products of project are:
- training material for future national trainers
- training material in Romanian and Hungarian languages for national specialists
- up to 10 national trainers in RO and HU
- 57 RO and 128 HU trained national specialists
- Cex in VET in Timisoara, Romania

Page Web du projet: http://www.ct.upt.ro/centre/cchpm/knoch.htm

Contractant du projet

Nom:	Politehnica University Timisoara, Faculty of Civil Engineering, Department of Hydrotechnical Engineering
Ville:	Timisoara
Pays/Région:	Vest
Pays:	RO-Roumanie
Type d'organisation:	Université/école supérieure spécialisée/academie
Site Internet:	http://www.ct.upt.ro/

Personne de contact

Nom:	Ioan DAVID
Adresse:	Str. .George Enescu 1A
Ville:	Timisoara
Pays:	RO-Roumanie
Téléphone:	+40256404116
Fax:	+40256404117
E-mail:	Ioan.David@gmx.net
Site internet:	http://www.ct.upt.ro/hidro/hidro.htm

Coordinateur

Nom:	Politehnica University Timisoara, Faculty of Civil Engineering, Department of Hydrotechnical Engineering
Ville:	Timisoara
Pays/Région:	Vest
Pays:	RO-Roumanie
Type d'organisation:	Université/école supérieure spécialisée/academie
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Fax:	+40256404117
E-mail:	Ioan.David@gmx.net
Site internet:	http://www.ct.upt.ro/hidro/hidro.htm

Partenaire

Partner 1

Nom:	Közép-Duna-völgyi Vízügyi Igazgatóság
Ville:	Budapest
Pays/Région:	Közép-Magyarország
Pays:	HU-Hongrie
Type d'organisation:	Institution publique
Site Internet:	http://www.@kdvvizig.hu

Partner 2

Nom:	Budapesti Mszaki és Gazdaságtudományi Egyetem
Ville:	Budapest
Pays/Région:	Közép-Magyarország
Pays:	HU-Hongrie
Type d'organisation:	Université/école supérieure spécialisée/academie
Site Internet:	http://www.bme.hu

Partner 3

Nom:	DHI. a.s.,
Ville:	Praha
Pays/Région:	Praha
Pays:	CZ-Tchéquie
Type d'organisation:	Entreprise de petite et de moyenne taille (jusqu'à 250 employés)
Site Internet:	http://www.dhi.cz

Partner 4

Nom:	Nemzeti Kornyezetugyi Intezet
Ville:	Budapest
Pays/Région:	Közép-Magyarország
Pays:	HU-Hongrie
Type d'organisation:	Institution publique
Site Internet:	

Données du projet

MIKE 11+ECOlab description.pdf

http://www.adam-europe.eu/prj/10376/prj/MIKE%2011%2BECOlab%20description.pdf

flyer for MIKE 11 = ECOlab in english language

Organizational scheme RO Leonardo.doc

http://www.adam-europe.eu/prj/10376/prj/Organizational%20scheme%20RO%20Leonardo.doc

proiect organizational scheme

Project organization structure.doc

http://www.adam-europe.eu/prj/10376/prj/Project%20organization%20structure.doc

Proiect organisation structure

Project summary_Leonardo RO.doc

http://www.adam-europe.eu/prj/10376/prj/Project%20summary_Leonardo%20RO.doc

proiect summary

reclama MIKE11+ECOlab.pdf

http://www.adam-europe.eu/prj/10376/prj/reclama%20MIKE11%2BECOlab.pdf

flyer for Mike 11 = ECOlab in romanian

Produits

1 WEB page of project

2 Interim Report

3 Training centers development in Romania and Hungary

4 Training material in national languages

5 Training material for future trainers

Produit 'WEB page of project'

Titre:	WEB page of project
Type de Produit:	Site Internet
Texte marketing:	
Description:	WEBsite of the project is a method of disseminating the project, regularly updated, for the public concerned to be aware of the course of project. It is made in three languages: Romanian, English and Hungarian
Cible:	interested specialist in the field of water and environment, public authorities
Résultat:	
Domaine d'application:	
Adresse du site Internet:	http://www.ct.upt.ro/centre/cchpm/knoch_ro.htm
Langues de produit:	anglais

Produit 'Interim Report'

Titre:	Interim Report
Type de Produit:	Autres
Texte marketing:	
Description:	The interim report is asked to evaluate the course of project by ANPCDEFP, Romanian national Agency. The report covers activities performed in the first year of existence of the project, also includes a financial report. Based on this report ANPCDEFP decides if the partners have fulfilled its obligations under the project.
Cible:	
Résultat:	
Domaine d'application:	
Adresse du site Internet:	http://www.ct.upt.ro/centre/cchpm/knoch_ro.htm
Langues de produit:	anglais

Produit 'Training centers development in Romania and Hungary'

Titre:	Training centers development in Romania and Hungary
Type de Produit:	Autres
Texte marketing:	
Description:	Establishment of training centers in Timisoara and Budapest with i) all facilities (centers with based on already existing fixed IT facilities and `mobile center` made by the delivered tool installed on laptops); ii) training of local professionalists in English language, who will carry out the 2nd level of know-how and knowledge transfer to local end-users in Romanian and Hungarian languages. Partners purchased the equipments and P1 provided the modeling tools. Series of trainings of trainers were organized in this centers and in these centers will be held training sessions for national specialist.
Cible:	future trained national specialists in field of water resources management and environment protection
Résultat:	Romanian and Hungarian training centres with human and IT infrastructure
Domaine d'application:	training of specialists, students, research projects
Adresse du site Internet:	http://www.ct.upt.ro/hidro/hidro.htm
Langues de produit:	anglais

Produit 'Training material in national languages'

Titre: Training material in national languages

Type de Produit: Matériel d'apprentissage

Texte marketing:

Description: The project transfers the latest technology and knowledge in hydroinformatics in water management and environment, provides better understanding of system functions, cause-effect relations in development therefore contributes to objective based management decisions in processes where water in all aspects plays important role (such as flood risk assessment in flood prone areas, etc.). Courses are tailor-made, based on the level of participants skills -about which the P1 has some experience based on previous cooperations. Planned courses for specialists will consists presentations about the methodology, joint brainstormings and so on-job trainings where participants will work on examples to implement and test their knowledge and gain real `real-world` based experiences . On the training the host institutions` facilities will be used, means computers, delivered software, plus on the trainings the training materials will be available for the participants.
P0 and P2 has developed for each training teaching materials including presentations and on-job exercises, in Romanian and Hungarian languages.
These material are necessary for:
- to transfer DHI developed technology to local end-users in integrated water management in Romania and in Hungary
-to provide accessible course for professionals, a platform to obtain knowledge about the newest tehnological developments and IT technology (which is so far not accessible neither in Romania nor in Hungary in such a form and in such a content).
The beneficiaries are specialists from Romanian waters, land improvement and environment protection authorities; specialists from design, execution and exploitation firms in field of water construction, land improvement and construction for environment protection. These specialists are necessary for:
- implementation in Romania of EU Water Directives (www.rowater.ro)
-achievement the objectives stipulated in National Strategy of Land Reclamation (www.anif.ro)
-realization of national strategic objectives set out in the National Development Plan (NDP), National Strategic Reference Framework (NSRF) 2007-2013 and Environment Operational Programme (SOP).
-realization of risk maps for floods, stipulated in Government Decision HG 1854/22 December 2005
In Hungary the same EU Directives are to be implemented such as Flood Directive, water Directive, etc. where the activities are coordinated by the Hungarian Central Water Bureau (www.vkki.hu) in cooperation with Universities and Water Directorates, regional offices.

Cible: future trained specialists in field of water and environment sector

Résultat: CD with training material

Domaine d'application: in training sesions of national specialists

Adresse du site Internet: http://www.ct.upt.ro/centre/cchpm/knoch_ro.htm

Langues de produit: hongrois

Produit 'Training material for future trainers'

Titre:	Training material for future trainers
Type de Produit:	Matériel d'apprentissage
Texte marketing:	
Description:	The project transfers the latest technology and knowledge in hydroinformatics in water management and environment, provides better understanding of system functions, cause-effect relations in development therefore contributes to objective based management decisions in processes where water in all aspects plays important role (such as flood risk assessment in flood prone areas, etc.). Courses are tailor-made, based on the level of participants skills -about which the P1 has some experience based on previous cooperations. Planned courses for future trainers will consists presentations about the methodology, joint brainstormings and so on-job trainings where participants will work on examples to implement and test their knowledge and gain real `real-world` based experiences . On the training the host institutions` facilities will be used, means computers, delivered software, plus on the trainings the training materials will be available for the participants. P1 has developed for each training teaching materials including presentations and on-job exercises.
Cible:	future national trainers
Résultat:	training material in electrinical format
Domaine d'application:	in training sesions of future national trainers
Adresse du site Internet:	
Langues de produit:	anglais

Événements

8th project management meeting

Date	10.12.2013
Description	
Cible	
Public	Événement non public
Informations de contact	Dr. Zsuzsanna Nagy z.nagy@dhi.cz
Date et lieu	10 December 2013, Prague, Czech Republic

Closure conference

Date	03.12.2013
Description	
Cible	ublic, state administration, practicing engineers in water resources management, design engineers in hydrotechncal structures, biologist,urban&spatial planners
Public	Événement public
Informations de contact	Beilicci Erika beilicci_erika@yahoo.com
Date et lieu	3 December 2013, Timisoara, RO

7th project management meeting

Date	02.12.2013
Description	
Cible	
Public	Événement non public
Informations de contact	Beilicci Erika beilicci_erika@yahoo.com
Date et lieu	2 December 2013, Timisoara, RO

Événements

6th project management meeting

Date	13.11.2013
Description	
Cible	
Public	Événement non public
Informations de contact	Beilicci Erika beilicci_erika@yahoo.com
Date et lieu	13 November 2013, Budapest, Hu

Training for national specialists

Date	27.09.2013
Description	The series of training programme will result a set of specialists countrywide who are able to apply the most updated water management methodologies and tools in their job. This knowledge will enhance their ability to get job not only in the national but also in the European labour market. The impact of the introduction of DHI know-how in the Romanian and Hungarian water management will improve the quality of analyzes and not only forecast of events but consequences of system planning and optimization.
Cible	romanian and hungarian specialist in field of water and environment sectors
Public	Événement public
Informations de contact	Beilicci Erika beilicci_erika@yahoo.com
Date et lieu	18-27 April, 23-25 May,11-13 July 2013 Timisoara, Department of Hydrotechnical Engineering 19.09. 2013 Gyor, 25.09.2013 Debrecen, 26.09.2013 Budapest, 27.09.2013 Pecs, Hungary - road-show

Événements

Study visit in the Czech Republic

Date	29.08.2013
Description	The presentation of the tasks which may be performed by the hydrodynamic - modelling and the results achieved abroad shall be performed for the decision makers in August 2013 within the framework of a study tour. The aim of the study tour was to present the flood protection system of the Check capital and likewise the preceding planning process thereof. In 2002 Prague was flooded by a flooding rain, which left remaining ruins and a great devastation behind; therefore, the city administration decided to put their flood protection on some new basis. After the flooding the City Municipality immediately approached the Prague Office of DHI to prepare the hydrological and hydrodynamical modelling of the capital based on their modelling experience and to make proposals as for setting the flood protection levels providing the necessary safety. The Hungarian and Romanian delegations was informed about the development, the operation and the continual maintenance of the modelling system as well as the difficulties thereof. The engineer keeping the model up-to-date explained the difficulties of the model development and how effective they were in calculating the theoretically possible and protectable flood levels when they constructed the city water protection line. On the second day of the study tour the Prague Conduit System Institute was the host, who presented the drinking water and sewage line system of the city; the modernisation of the water supply and sewage system was likewise modelled and planned with the help of the DHI programs; however, the operation is performed under the management of their own programs and a modern dispatcher centre.
Cible	
Public	Événement non public
Informations de contact	Dr. Zsuzsanna Nagy z.nagy@dhi.cz
Date et lieu	29-30 August 2013, Prague, Czech Republic

5th project management meeting

Date	18.06.2013
Description	
Cible	
Public	Événement non public
Informations de contact	Beilicci Erika beilici_erika@yahoo.com
Date et lieu	18 june 2013, Timisoara, RO

Événements

4th project management meeting

Date	03.05.2013
Description	
Cible	
Public	Événement non public
Informations de contact	Zsuzsanna Nagy z.nagy@dhi.cz
Date et lieu	2-3 May 2013, Prague, Czech Republic

3rd project management meeting

Date	19.03.2013
Description	
Cible	
Public	Événement non public
Informations de contact	Zsuzsanna Nagy z.nagy@dhi.cz
Date et lieu	19 march 2013, Budapest, Hungary

Meeting with local authorities

Date	13.03.2013
Description	dissemination activities of the project, the authorities aware of the need of project
Cible	local authorities in fiel of water resorces management, environment protection
Public	Événement public
Informations de contact	Beilicci Erika beilicci_erika@yahoo.com
Date et lieu	13 March 2013, Timisoara, Romania, department of Hydrotechnical Engineering

Événements

Training session 5 on-job training

Date	07.09.2012
Description	-to transfer the newest know-how, the innovation , -to develop knowledge and VET centers for Hydroinformatics in Romania and in Hungary, fully equipped for the project purpuse /training materials, facilities, technology, knowledge etc./ -to foster discussion within the participating partners` experienced VET teachers and DHI`s teachers in order to reach best adaptation of know-how and the technology.
Cible	future national trainers
Public	Événement non public
Informations de contact	
Date et lieu	5-7 September 2012 Prague – Czech Republic

2nd project management meeting

Date	05.09.2012
Description	
Cible	
Public	Événement non public
Informations de contact	
Date et lieu	5 September 2012 Prague, Czech Republic

Événements

Training session 3+4

Date	29.06.2012
Description	-to transfer the newest know-how, the innovation , -to develop knowledge and VET centers for Hydroinformatics in Romania and in Hungary, fully equipped for the project purpuse /training materials, facilities, technology, knowledge etc./ -to foster discussion within the participating partners` experienced VET teachers and DHI`s teachers in order to reach best adaptation of know-how and the technology.
Cible	future national trainers
Public	Événement non public
Informations de contact	
Date et lieu	25-29 June 2012 Prague – Czech Republic

Training session 2

Date	17.05.2012
Description	-to transfer the newest know-how, the innovation , -to develop knowledge and VET centers for Hydroinformatics in Romania and in Hungary, fully equipped for the project purpuse /training materials, facilities, technology, knowledge etc./ -to foster discussion within the participating partners` experienced VET teachers and DHI`s teachers in order to reach best adaptation of know-how and the technology.
Cible	future national trainers
Public	Événement non public
Informations de contact	
Date et lieu	16-17 May 2012 Timisoara – Romania

Événements

Training session 1

Date	22.03.2012
Description	-to transfer the newest know-how, the innovation , -to develop knowledge and VET centers for Hydroinformatics in Romania and in Hungary, fully equipped for the project purpuse /training materials, facilities, technology, knowledge etc./ -to foster discussion within the participating partners` experienced VET teachers and DHI`s teachers in order to reach best adaptation of know-how and the technology.
Cible	future national trainers
Public	Événement non public
Informations de contact	
Date et lieu	20-22 March 2012 Budapest, Hungary

Training session 0

Date	15.03.2012
Description	-to transfer the newest know-how, the innovation -to develop knowledge and VET centers for Hydroinformatics in Romania and in Hungary, fully equipped for the project purpuse /training materials, facilities, technology, knowledge etc./ -to foster discussion within the participating partners` experienced VET teachers and DHI`s teachers in order to reach best adaptation of know-how and the technology.
Cible	future national trainers
Public	Événement non public
Informations de contact	
Date et lieu	First half of March 2012 Timisoara – Romania, Budapest – Hungary

Événements

1st project management meeting

Date	07.03.2012
Description	
Cible	
Public	Événement non public
Informations de contact	Zsuzsanna Nagy z.nagy@dhi.cz
Date et lieu	7 March 2012, Prague, Czech Republic