Projects and Products Portal for Leonardo da Vinci

EuroGIS-GPS: Test d'un cadre de compétence pour la biodiversité de collecte de données.

UK/11/LLP-LdV/TOI-463

http://www.adam-europe.eu/adam/project/view.htm?prj=8302

Information sur le projet

Titre:	EuroGIS-GPS: Test d'un cadre de compétence pour la biodiversité de collecte de données.
Code Projet:	UK/11/LLP-LdV/TOI-463
Année:	2011
Type de Projet:	Projets de transfert d'innovation
Statut:	Accordé
Pays:	UK-Royaume-Uni
Accroche marketing:	Savoir comment la localisation des plantes et des animaux changements au fil du temps est au cœur de la compréhension des effets du changement climatique. La technologie peut aider. Ce projet permettra d'uniformiser la formation et les qualifications de l'UE dans ce domaine.
Résumé:	La directive européenne Habitats (1992) est la pierre angulaire de la politique européenne conservation de la nature, la protection des sites Natura 2000 menacés et les espèces menacées et les habitats. Enregistrement de l'emplacement de ce dernier est au cœur de la directive et est utilisé pour mesurer le taux de changement climatique. La faune ne connaît pas de frontières et de l'information à l'échelle européenne montre des tendances au fil du temps. Rangers Campagne (gestionnaires de la biodiversité et les gens pour les autorités locales, les successions public et privé et ONG) et les bénévoles de recueillir et d'archiver ces informations. La technologie offre l'intégration de la main Systèmes de positionnement global (GPS) avec système d'information géographique (SIG). Formation et qualifications des praticiens ne sont pas standard à travers l'Europe et ne pas lier les deux technologies. L'objectif de ce projet est de transférer des compétences et des qualifications, de les adapter à un ensemble commun de normes et ensuite tester ces sur les Rangers Campagne / bénévoles. Ce projet permettra d'analyser les programmes de formation existants et les intégrer aux qualifications pour la livraison sur les 5 pays partenaires. Les formateurs et les stagiaires seront impliqués dans la co-création (avec des praticiens) de contenu d'apprentissage qui reliera la livraison des GPS et des compétences SIG. Un sentier menant à une qualification européenne seront identifiés. Innovantes webinaire (séminaire en ligne) la technologie de soutien aux apprenants. Un local existant SIG-GPS qualification (Open College Network) existe (écrit par Ambios) et il ya une qualification nationale (QCF QIT) qui accrédite l'utilisation de logiciels spécialisés. Les deux seront transférées et adaptées aux besoins des pays partenaires. Cela soutient le plan LIFEWATCH européenne qui a identifié le besoin pour les données sur la biodiversité de manipulation des modules de formation. Le projet fournira des modules de formation aux Rangers Campagne / bénévoles (actuels et éventuels) leur permettant de diffuser leur apprendre à co-travailleurs (en étendant la portée du projet) - et d'utiliser directement leurs nouvelles compétences dans le travail avec effet immédiat. Le partenariat réunit éducatifs, professionnels et technologiques écologiques du non-profit, d'instituts de recherche, les universités et les organismes de bienfaisance. Le partenariat est nouveau avec tous avoir travaillé séparément avec Ambios sur d'autres sociétés à responsabilité limitée européenne.
Description:	The need to manage the natural world, particularly with global climate change, using reliable science based strategies is important. Collecting electronic location records is the first step. This requires a recording system and a competent operator. The former is a hand held Global Positioning System (GPS) which records location. Linking the GPS to a Geographic Information System (GIS) enhances observations and data archiving by making analysis swift and seamless. This project has transferred existing non-accredited GPS-GIS training materials and adapted them to different EU situations before testing their delivery. This has demonstrated a pathway to future accreditation under the European Qualifications Framework (EQF).

Information sur le projet

The project has produced a standardized European training package for Countryside Ranger/Volunteers.

This ToI project has transferred current learning delivery on the practical and integrated use of GPS-GIS systems for collecting biodiversity data and adapted them in order to produce and pilot a standardised competency framework disseminating the results to user groups, decision makers and future trainees.

Thèmes:
*** Qualité
*** TIC
*** Formation tout au long de la vie
*** Validation, transparence, certification
*** Formation ouverte et à distance
*** Écologie
** Étude interculturelle
** Développement durable
** Orientation professionnelle
** Formation continue
* Utilisation et diffusion de résultats
* Marché du travail

Sectors:
*** Activités Spécialisées, Scientifiques Et Techniques
*** Autres Activités de Services
** Enseignement
* Information et Communication
* Agriculture, Sylviculture et Pêche

Types de Produit:
Programme/curriculum
Enseignement à distance
Modules
Méthodes d'évaluation
Film
Matériel d'apprentissage
Site Internet

Information sur le produit:

The project was divided into 7 Work Packages with tasks and subtasks against which task-and-finish actions would be monitored.

Contracts and IPR agreements were produced and signed off at an early stage. 7 full project partner meetings (4 face-to-face) and 3 on-line Webinar/Skype meetings were held over the life of the project. Four additional one-to-one partner meetings (UK+HU, UK+PT and UK+HU and UK+NO) also supported partners and progressed the project tasks. Numerous one-to-one on-line (Skype) meetings were held between the project coordinator and individual partner organizations.

During the spring and summer of 2012 the project developed the EuroGIS-GPS training materials including: online trainee skills scan survey, pre-training activities and video introduction to GPS Unit, face-to-face training materials – PowerPt slides on use of GPS / GIS, GPS survey task, GIS data manipulation task, signposting to further information and support - post training survey task, post-training webinar virtual meeting, final online skills scan. The same model GPS Units were purchased by each partner and the same version of QGIS open source software was used. This consistency of equipment made training delivery consistent across all EU countries.

An initial trial of the delivery of accreditation linked to the UK Information Technology Qualification took place during the UK Test 1 training delivery but was considered to be too onerous within the learning timeframe and was dropped for all subsequent partner learning delivery.

The project design template has been established and distributed. Dissemination products (T-shirts, Website, Trainee recruitment video – translated to local languages - Memory sticks, Display banners and 2x project newsletters) were produced. Needs analysis, trainee recruitment information and dissemination products were

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distributed via local partner email networks. On-line project information publications were achieved.

Project evaluation captured data from trainers, trainees and project partners and a project external evaluator (Dr David Knight, Open University, UK) monitored the project throughout and contributed to the final project evaluation report (available at www.eurogis-gps.eu). Monthly update reports were sent to Ecorys. By late 2012 all partners had successfully undertaken their first training package delivery (1st Test - WP5) and results were presented at a full partner meeting in Portugal in early October.

Feedback from trainers, trainees and project managers for Test 1 informed Test 2 and by late spring 2013 all partners had completed their Test 2 delivery. A full partner meeting in the UK in the summer of 2013 heard the results along with amalgamated data from Test 1 on the learner confidence. Trainees had been asked to complete pre-training online 'skills scan' surveys and then 3 month post-training to repeat the survey. Data revealed significant increases in learner confidence in the three areas of learning (GIS, GPS and field surveys) and across all countries.
Statistical analysis of results showed an average 36% increase in learner confidence across the three main areas investigated - 48% GPS, 49% GIS and 30% field survey skills. The results were consistent across all learners and all countries.

Evaluation of the project culminated in a positive final report (www.eurogis-gps.eu). Dissemination newsletters (March and July 2013) were produced. A final Dissemination event (trainers and trainees attending) was held in Poland in September 2013 just before the project end date at which the project dissemination video (www.eurogis-gps.eu) was shown and subsequently distributed via partner networks and social media (Twitter). All partners have focused dissemination works on promoting the project via in-country specialist publications/networks relevant to the sector.

All partners have actively explored their own in-country pathways to accreditation for EuroGIS -GP competencies with UK achieving approved as National Occupational Standards (NOS) as part of this project in March 2012. Exploitation plans have been articulated and the project partners have now identified potential ways forward into commercial exploitation and a ToI2 project that could address vocational skills needs at different levels and follow through on the accrediation pathways identified during this project to produce a tangible and achievable timeline to new in-country EuroGIS-GPS vocational qualification as part of the European Qualification Framework (EQF).

Page Web du projet: http://eurogis-gps.eu/

Contractant du projet

Nom:	Ambios Ltd
Ville:	Crediton
Pays/Région:	South West (UK)
Pays:	UK-Royaume-Uni
Type d'organisation:	Association/organisation non gouvermentale
Site Internet:	http://www.ambios.net

Personne de contact

Nom:	Simon Roper
Adresse:	
Ville:	
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Fax:	
E-mail:	simonroper@ambios.net
Site internet:	

Coordinateur

Nom:	Ambios Ltd
Ville:	Crediton
Pays/Région:	South West (UK)
Pays:	UK-Royaume-Uni
Type d'organisation:	Association/organisation non gouvermentale
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Site internet:	

Partenaire

Partner 1

Nom:	LANTRA Sector Skills Council, UK
Ville:	
Pays/Région:	West Midlands
Pays:	UK-Royaume-Uni
Type d'organisation:	Organisation d'employeurs
Site Internet:	http://www.lantra.co.uk

Partner 2

Nom:	Høgskolen i Hedmark, avd. skog og utmarksfag, Norway
Ville:	
Pays/Région:	Hedmark Og Oppland
Pays:	NO-Norvège
Type d'organisation:	Institution de formation continue
Site Internet:	http://www.hihm.no

Partner 3

Nom:	Universidade de Evora, Portugal
Ville:	
Pays/Région:	Alentejo
Pays:	PT-Portugal
Type d'organisation:	Institution de recherche
Site Internet:	

Partner 4

Nom:	Instytut Biologii Ssaków Polskiej Akademii Nauk, Poland
Ville:	
Pays/Région:	Podlaskie
Pays:	PL-Pologne
Type d'organisation:	Institution de recherche
Site Internet:	http://www.zbs.bialoweiza.pl

Partenaire

Partner 5

Nom:	Gyöngybagolyvédelmi Alapítvány, Hungary
Ville:	
Pays/Région:	Észak-Magyarország
Pays:	HU-Hongrie
Type d'organisation:	Association/organisation non gouvermentale
Site Internet:	http://www.gyongybagoly.hu

Données du projet

Euro-GIS-GPS_Banner_Mapping_(trans).pdf

http://www.adam-europe.eu/prj/8302/prj/Euro-GIS-GPS_Banner_Mapping_%28trans%29.pdf

Project banner 1

EuroGIS-GPS_Newsletter_Summer2012.pdf

http://www.adam-europe.eu/prj/8302/prj/EuroGIS-GPS_Newsletter_Summer2012.pdf

Newsletter 1

EuroGIS_GPS_Tshirt_Final.pdf

http://www.adam-europe.eu/prj/8302/prj/EuroGIS_GPS_Tshirt_Final.pdf

Project T-shirt design

Evaluating the impact of the skills training.docx

http://www.adam-europe.eu/prj/8302/prj/Evaluating%20the%20impact%20of%20the%20skills%20training.docx

Evaluating the impact of our skills training

handprint_vivid_green_flat_935x927.png

http://www.adam-europe.eu/prj/8302/prj/handprint_vivid_green_flat_935x927.png

Project Logo

NA_final_report UK version.pdf

http://www.adam-europe.eu/prj/8302/prj/NA_final_report%20UK%20version.pdf

Project Needs Analysis - final report

Organisational Chart.ppt

http://www.adam-europe.eu/prj/8302/prj/Organisational%20Chart.ppt

Organisational chart

Personal_Journey_Hungary_Eng.pdf

http://www.adam-europe.eu/prj/8302/prj/Personal_Journey_Hungary_Eng.pdf

Trainee case study - Hungary

Personal_Journey_Portugal_Eng.pdf

http://www.adam-europe.eu/prj/8302/prj/Personal_Journey_Portugal_Eng.pdf

Trainee case study - Portugal

TOI Final Evaluation report- for web.pdf

http://www.adam-europe.eu/prj/8302/prj/TOI%20Final%20Evaluation%20report-%20for%20web.pdf

Final Evaluation Report

UK NOS Jan 2011 Using geospatial data etc pdf version.pdf

http://www.adam-europe.eu/prj/8302/prj/UK%20NOS%20Jan%202011%20Using%20geospatial%20data%20etc%20pdf%20version.pdf

National Occupational Standards UK - GIS/GPS

Données du projet

Wordle Cloud Poland Meeting.pdf

http://www.adam-europe.eu/prj/8302/prj/Wordle%20Cloud%20Poland%20Meeting.pdf

Word cloud feedback from participants at final dissemination meeting Poland September 2013

Produits

1 EuroGIS-GPS Training recruitment film

2 EuroGIS-GPS Training Dissemination film

3 Learning Materials

4 EuroGIS-GPS website

5 EuroGIS-GPS dissemination materials

Produit 'EuroGIS-GPS Training recruitment film'

Titre:	EuroGIS-GPS Training recruitment film
Type de Produit:	Film
Texte marketing:	Short promotional film to recruit trainees to 2-day project training course - various versions translated into English, Polish, Hungarian and Portugese
Description:	Short promotional film to recruit trainees to 2-day project training course - various versions translated into English, Polish, Hungarian and Portuguese. Introductory training course will provide skills in use of GPS and GIS for biodiverstiy mapping
Cible:	Countryside Rangers and volunteers interested in using GPS to locate species / habitats and GIS to map results - thereby monitoring biodiversity over time.
Résultat:	
Domaine d'application:	ICT in the workplace
Adresse du site Internet:	http://www.youtube.com/watch?v=VsRfn95m0No&feature=player_detailpage
Langues de produit:	polonais portugais anglais hongrois norvégien

Produit 'EuroGIS-GPS Training Dissemination film'

Titre:	EuroGIS-GPS Training Dissemination film
Type de Produit:	Film
Texte marketing:	This project dissemination video is a multi-language (sub titled) explanation of the project and includes feedback from trainers, trainees and project partners as well as comments from the project external evaluator. http://vimeo.com/75707513
Description:	A nine and half minute duration project video
Cible:	Anyone with an interest in skills training in the context of biodiversity mapping using combined GPS and GIS technologies
Résultat:	
Domaine d'application:	
Adresse du site Internet:	http://vimeo.com/billryley
Langues de produit:	hongrois anglais portugais polonais norvégien

Produit 'Learning Materials'

Titre:	Learning Materials
Type de Produit:	Matériel d'apprentissage
Texte marketing:	Current protected under project IPR agreement. A set of learning materials for delivering combined GPS and GIS training in the context of biodiversity mapping
Description:	
Cible:	
Résultat:	
Domaine d'application:	
Adresse du site Internet:	www.eurogis-gps.eu
Langues de produit:	anglais

Produit 'EuroGIS-GPS website'

Titre:	EuroGIS-GPS website
Type de Produit:	Site Internet
Texte marketing:	A multi-language website that holds much of the project information including final reports and videos
Description:	
Cible:	
Résultat:	
Domaine d'application:	
Adresse du site Internet:	www.eurogis-gps.eu
Langues de produit:	anglais

Produit 'EuroGIS-GPS dissemination materials'

Titre:	EuroGIS-GPS dissemination materials
Type de Produit:	Autres
Texte marketing:	Examples of promotional materials used during the project
Description:	
Cible:	
Résultat:	
Domaine d'application:	
Adresse du site Internet:	
Langues de produit:	anglais

product files

Dissemination plan appendices.pdf

http://www.adam-europe.eu/prj/8302/prd/5/1/Dissemination%20plan%20appendices.pdf

Événements

EuroGIS-GPS Dissemination Seminar

Date	17.09.2013
Description	EuroGIS-GPS project final dissemination seminar was held at the Mammal Research Institute, Biaowiea, Poland, 17 and 18 September 2013. A series of presentations from the project included a summary of results, personal testimonials from Trainees and feedback from partners.
Cible	Potential trainees and organisations wishing to engage with GIS-GPS learning in the context of biodiversity mapping as a tool for understanding species and habitat ecology and the effects/management of these in the context of global climate change
Public	Événement public
Informations de contact	info@ambios.net
Date et lieu	17 and 18 September, Mammal Research Institute, Biaowiea, Poland