Projects and Products Portal for Leonardo da Vinci

Online training cours en Biomécanique, appereil médical et réglement conforme de Européen

DE/13/LLP-LdV/TOI/147604

http://www.adam-europe.eu/adam/project/view.htm?prj=10926

Information sur le projet

Titre: Online training cours en Biomécanique, appereil médical et réglement conforme de Européen

Code Projet: DE/13/LLP-LdV/TOI/147604

Année: 2013

Type de Projet: Projets de transfert d'innovation

Statut: Clôturé

Pays: DE-Allemagne

Accroche marketing: En raison de la hausse des coûts de main-d'œuvre dans les pays de l'UE , le secteur de la fabrication traditionnelle est dans une phase difficile. Donc les sociétés de production sont à la recherche de nouveaux et différents marchés de produits à plus forte valeur ajoutée . Un de ces domaines est l' industrie des dispositifs médicaux . Les entreprises peuvent, grâce à la connaissance de spécialiste, développer de nouveaux produits médicaux à valeur ajoutée plus élevée .
Pour assurer la réussite de la migration dans cette région , il est important que l'entreprise et les employés apportons dans les domaines de la vaste base de connaissances suivants :
- Connaissance des dispositifs médicaux
- Principes et exigences des dispositifs médicaux
- Connaissances de base concernant la biomatériel

Résumé: The main objective of the ToHealth project was to transfer and update the knowledge of specification and regulatory framework of medical devices. The project is aimed at companies and organizations involved in production, development and Placement of medical devices on the market. However, the course is also for employees of a company which would like to establish in the medical device sector. Therefore, a computerized learning system was generated with the following contents:
• Medical device specifics
• Medical devices regulation
• Biomaterials
Therefore, ToHealth provides and enhances skills and knowledge of European manufacturing professionals which are planning to diversify to the healthcare technology sector and also to those which are already in the sector.

Description: Result 1 (TRAINING CONTENTS FOR ALL THE COURSE MODELS:
A questionnaire about the course contents was developed and was send as an online survey to potential stakeholders. The responses to the questionnaire were reviewed by the partners and the data were analysed and processed (work package 1).Thereupon, a course guide was developed which included the structure of the course. The structure described the number of modules, sessions and a set of resources for the sessions. The course contents were defined with the help of the analyzed questionnaires. For that reason, a draft of a training development plan was created. After the approval of the development plan the objectives of the training modules, sessions and units were developed. Subsequently, a pilot course was generated and evaluated by students. After the validation of the course, the course contents were translated into the national languages (work package 2)

Result 2 (ONLINE TRAINING COURSE):
The online course can be visited at the lms platform https://lms.tohealth.eu/

Result 3 (RESULTS GENERATED IN THE VALUATION PLAN):
A project logo was developed to increase the recognition of the project. The project logo is involved at every document, website etc. A link to the ToHealth program is included at the websites of the partners companies (work package 5). The ToHealth project was presented at different conferences, for example the European Workshop on Advanced Technologies for Training in Minimally Invasive Surgery (Caceres, ES) and Medica (Düsseldorf, Germany)(work package 5). Leaflets about the ToHealth Project were distributed at these conferences, meetings and in partners companies.
To improve the dissemination of the project a ToHealth Twitter account and LinkedIn Group was created. Furthermore, an Exploitation and Valuation Plan was developed

Information sur le projet

and signed by all partners. This plan includes amongst others the Valorization Plan and IPRs (work package 5).
To guarantee the quality of the project (work package 6, result 1,2,3) quality reports were composed every six months. There, every partner evaluated the quality of deliverables of the previous period. Furthermore, a Quality Plan was created, which determines the quality aims of the project.

The steering committee, which was composed by at least one representative of each partner, met each other every 3-4 months (videoconference or in person meetings) (work package 6, result 1,2,3).
For a better exchange among the partners and a better control of the project status the management tool Admin Project was used.

Thèmes:
*** Divers
*** Formation ouverte et à distance
** Formation tout au long de la vie
** Enseignement supérieur
** Formation initiale
* Utilisation et diffusion de résultats
* Qualité
* Étude interculturelle
* Formation continue

Sectors:
*** Enseignement
** Activités Spécialisées, Scientifiques Et Techniques
* Activités de Services Administratifs et de Soutien
* Information et Communication

Types de Produit:
Matériel pour l'enseignement
Site Internet
Matériel d'apprentissage
Enseignement à distance
Programme/curriculum

Information sur le produit:
An e-Learning course in five different languages (English, German, Spanish, Polish, Italien) was developed.
The course contents support companies, which want to establish in the healthcare technology sector and those which are already in this sector.

Page Web du projet:
www.tohealth.eu

Contractant du projet

Nom:	Berufsgenossenschaftliche Unfallklinik Murnau
Ville:	Murnau
Pays/Région:	Bayern
Pays:	DE-Allemagne
Type d'organisation:	Autres
Site Internet:	http://www.bgu-murnau.de

Personne de contact

Nom:	Peter Augat
Adresse:	Professor-Küntscher-Str. 8
Ville:	Murnau
Pays:	DE-Allemagne
Téléphone:	+ 49 (0) 8841 48 4563
Fax:	+ 49 (0) 8841 48 4573
E-mail:	biomechanik@bgu-murnau.de
Site internet:	

Coordinateur

Nom:	Berufsgenossenschaftliche Unfallklinik Murnau
Ville:	Murnau
Pays/Région:	Bayern
Pays:	DE-Allemagne
Type d'organisation:	Autres
Site Internet:	http://www.bgu-murnau.de

Personne de contact

Nom:	Peter Augat
Adresse:	Professor-Küntscher-Str. 8
Ville:	Murnau
Pays:	DE-Allemagne
Téléphone:	+ 49 (0) 8841 48 4563
Fax:	+ 49 (0) 8841 48 4573
E-mail:	biomechanik@bgu-murnau.de
Site internet:	

Partenaire

Partner 1

Nom:	Instituto de Biomecánica de Valencia
Ville:	Valencia
Pays/Région:	Extra-Regio
Pays:	ES-Espagne
Type d'organisation:	Institution de recherche
Site Internet:	http://www.ibv.org

Partner 2

Nom:	University d'Annunzio New Enterprise Technology
Ville:	Torrevecchia Teatina
Pays/Région:	Abruzzo
Pays:	IT-Italie
Type d'organisation:	Université/école supérieure spécialisée/academie
Site Internet:	http://www.udanet.it

Partner 3

Nom:	Danmar Computers
Ville:	Rzeszów
Pays/Région:	Podkarpackie
Pays:	PL-Pologne
Type d'organisation:	Institution de formation continue
Site Internet:	http://www.danmar-computers.com.pl

Partner 4

Nom:	Tecno-Med Ingenieros
Ville:	Barcelona
Pays/Région:	Cataluna
Pays:	ES-Espagne
Type d'organisation:	Autres
Site Internet:	http://www.tecno-med.es

Partenaire

Partner 5

Nom:	Federación Española de Empresas de Tecnología Sanitaria
Ville:	Madrid
Pays/Région:	Comunidad De Madrid
Pays:	ES-Espagne
Type d'organisation:	Autres
Site Internet:	http://www.fenin.es

Données du projet

Agenda_28_07_2014.pdf

http://www.adam-europe.eu/prj/10926/prj/Agenda_28_07_2014.pdf

Agenda Final meeting.pdf

http://www.adam-europe.eu/prj/10926/prj/Agenda%20Final%20meeting.pdf

Agenda Final Meeting

Anschreiben Fragebogen.pdf

http://www.adam-europe.eu/prj/10926/prj/Anschreiben%20Fragebogen.pdf

Course_guide.pdf

http://www.adam-europe.eu/prj/10926/prj/Course_guide.pdf

DSC_2314.jpg

http://www.adam-europe.eu/prj/10926/prj/DSC_2314.jpg

Kick-off meeting Murnau December 2013

Logo_partners.JPG

http://www.adam-europe.eu/prj/10926/prj/Logo_partners.JPG

Logo_ToHealth.jpg

http://www.adam-europe.eu/prj/10926/prj/Logo_ToHealth.jpg

Minimally_Invasive_Surgery_Centre_adam.ppt

http://www.adam-europe.eu/prj/10926/prj/Minimally_Invasive_Surgery_Centre_adam.ppt

Presentation of the ToHealth Project - Workshop in Caceres(ES)

ToHealth Brochure.pdf

http://www.adam-europe.eu/prj/10926/prj/ToHealth%20Brochure.pdf

Leaflet ToHealth

ToHealth Medica 2015.pdf

http://www.adam-europe.eu/prj/10926/prj/ToHealth%20Medica%202015.pdf

ToHealth at Medica

Workshop-Programme_draft.pdf

http://www.adam-europe.eu/prj/10926/prj/Workshop-Programme_draft.pdf

European Workshop on Advanced Technologies for Training in Minimally Invasive Surgery

Produits

1 Training contents for all the course modules.

2 Online Trainings Course

3 Results generated in the valuation plan

Produit 'Training contents for all the course modules.'

Titre:	Training contents for all the course modules.
Type de Produit:	Matériel d'apprentissage
Texte marketing:	ToHealth provides an online e-learning course on medical devices focusing on regulatory affairs and requirements for placing medical devices on the market within the European Union. The ToHealth online course include contents on the following: EU Medical Device Regulatory Overview Medical Device Quality System and Process Requirements Medical Device Technical Specifics
Description:	Development of the course contents.
Cible:	Professionals from the traditional manufacturing industry. Professionals from the medical device industry.
Résultat:	Training contents for all the course modules. Results of WP1 (Needs analysis and definition of contents) and WP2 (Integration and adaptation of training contents). WP1 has been completed. WP2 has been completed.
Domaine d'application:	ToHealth is being developed for companies or organizations which are involved in the design, the development, manufacture or distribution of medical technologies and medical devices, as well as companies or organizations seeking to expand their business into the medical device sector.
Adresse du site Internet:	
Langues de produit:	espagnol anglais allemand italien polonais

product files

Course_guide.pdf

http://www.adam-europe.eu/prj/10926/prd/1/1/Course_guide.pdf
Course Guide

Produit 'Online Trainings Course'

Titre:	Online Trainings Course
Type de Produit:	Site Internet
Texte marketing:	The traditional manufacturing sector in the EU faces a crisis due to the increasing labor costs in comparison to non EU countries. Thus manufacturing companies must find new markets with products with a higher added value. One of these sectors is Healthcare Technology. In this sector, companies can develop new healthcare products with high added value by applying advanced knowledge and expertise. In order to successfully diversify to that sector and to do it in a relatively short period of time, one of the key points is the training of companies' staff in three main topics: Moreover, due to the continuous changes in the medical device regulations (EC Directives, standards), it is necessary to provide training in these issues also to staff of those companies which are already in the healthcare technology sector.
Description:	Validated revised online training course
Cible:	Professionals from the traditional manufacturing industry. Professionals from the medical device industry.
Résultat:	A validated e-Learning course in five different languages (English, German, Spanish, Polish, Italien) was developed.
Domaine d'application:	The main objective of the project was the transfer and update of knowledge in biomechanics, regulatory affairs, and medical devices through an online training course for the staff of those companies interested in diversifying to the healthcare technology sector, and those companies which are already in the sector but need to update its knowledge in this field.
Adresse du site Internet:	https://lms.tohealth.eu/
Langues de produit:	italien polonais espagnol allemand anglais

Produit 'Results generated in the valuation plan'

Titre:	Results generated in the valuation plan
Type de Produit:	Autres
Texte marketing:	The traditional manufacturing sector in the EU faces a crisis due to the increasing labor costs in comparison to non EU countries. Thus manufacturing companies must find new markets with products with a higher added value. One of these sectors is Healthcare Technology. In this sector, companies can develop new healthcare products with high added value by applying advanced knowledge and expertise. In order to successfully diversify to that sector and to do it in a relatively short period of time, one of the key points is the training of companies' staff in three main topics: Moreover, due to the continuous changes in the medical device regulations (EC Directives, standards), it is necessary to provide training in these issues also to staff of those companies which are already in the healthcare technology sector.
Description:	Results generated in the valuation plan. Planned diffusion, exploitation and marketing actions after the project finishing
Cible:	The course contents support companies, which want to establish in the healthcare technology sector and those which are already in this sector.
Résultat:	Results generated in the valuation plan.
Domaine d'application:	The main objective of the project is the transfer and update of knowledge in biomechanics, regulatory affairs, and medical devices through an online training course for the staff of those companies interested in diversifying to the healthcare technology sector, and those companies which are already in the sector but need to update its knowledge in this field.
Adresse du site Internet:	www.tohealth.eu
Langues de produit:	italien allemand espagnol polonais anglais

product files

Dissemination activities

DISSEMINATION_template_Danmar.pdf
http://www.adam-europe.eu/prj/10926/prd/3/2/DISSEMINATION_template_Danmar.pdf

DISSEMINATION_template_Udanet.pdf
http://www.adam-europe.eu/prj/10926/prd/3/2/DISSEMINATION_template_Udanet.pdf

ToHealth_DISSEMINATION_P0_(Murnau).pdf
http://www.adam-europe.eu/prj/10926/prd/3/2/ToHealth_DISSEMINATION_P0_%28Murnau%29.pdf

ToHealth_DISSEMINATION_P1_(IBV).pdf
http://www.adam-europe.eu/prj/10926/prd/3/2/ToHealth_DISSEMINATION_P1_%28IBV%29.pdf

product files

ToHealth_DISSEMINATION_P2_(TMI).pdf

http://www.adam-europe.eu/prj/10926/prd/3/2/ToHealth_DISSEMINATION_P2_%28TMI%29.pdf

ToHealth_DISSEMINATION_P3_(Fenin).pdf

http://www.adam-europe.eu/prj/10926/prd/3/2/ToHealth_DISSEMINATION_P3_%28Fenin%29.pdf

Événements

MEDICA

Date	17.11.2015
Description	The project was disseminated at Medica Trade Fair 2015. A specific presentation about the ToHealth course was made on the 17th of November.
Cible	Healthcare professionals attending the Medica Trade Fair at Düsseldorf (Germany)
Public	Événement public
Informations de contact	
Date et lieu	17.11.2015 10:30-11:00h

OTA San Diego

Date	07.10.2015
Description	The project was introduced to participants of the annaul meeting of Orthopaedic and Trauma Association
Cible	Employes of the mediacl sector and surgeons.
Public	Événement non public
Informations de contact	
Date et lieu	20.-23.October 2015

Medical schools conference

Date	23.09.2015
Description	The platform was presented to the audience. In addition, a stand with ToHealth leaflets was organsied as well as direct distribution of leaflets to the conference participants
Cible	Staff and learners of medical schools.
Public	Événement public
Informations de contact	
Date et lieu	23.09.2015

Événements

TMI’s training courses

Date	18.09.2015
Description	During TMI’s training courses, the ToHealth coure is presented. A brochure about the curse is given along with the course documentation. Approximately
Cible	Professionals working within the medical technologies industry
Public	Événement public
Informations de contact	
Date et lieu	18.09.2014

Final Meeting Murnau GER

Date	04.09.2015
Description	
Cible	
Public	Événement non public
Informations de contact	
Date et lieu	09:00 - 14:00 Murnau, Germany

Événements

Videoconference

Date	17.07.2015
Description	Agenda • Course Contents • Pilot Course • Translation Course Contents • Results - Progress report • Quarterly Payment Timesheets • Final meeting- Murnau • Discussion
Cible	Partners
Public	Événement non public
Informations de contact	
Date et lieu	17.07.2015

ESB Congress

Date	05.07.2015
Description	Presenting the product idea and gain potential users at congress of the European Society of Biomechanics
Cible	Employes of the medical manufacturing sector and surgeons.
Public	Événement public
Informations de contact	
Date et lieu	5.-8.July 2015

Événements

3rd Course of Biomedical Engineering Degree (UPV)

Date	14.04.2015
Description	During IBV's training courses, the ToHealth course is presented. A brochure about the course is given along with the course documentation. IBV offers training courses annually.
Cible	Students of 3rd Course of Biomedical Engineering Degree, Universidad Politécnica de Valencia
Public	Événement public
Informations de contact	
Date et lieu	14.04.2015

Videoconference

Date	10.04.2015
Description	Agenda • Course Contents • Pilot Course • Translation Course Contents • Dissemination Activities • Interim Report • Second Payment • Quarterly Payment Timesheets • Discussion
Cible	Partners
Public	Événement non public
Informations de contact	
Date et lieu	10.04.2015

Événements

EAAR (European Assotiation Authorized Representatives) Meeting

Date	26.03.2015
Description	A presentation was made at the European Association of Authorized Representative, an organization that provide European Authorised Representative services to non-European manufacturers of medical devices and in-vitro diagnostic medical devices
Cible	Surgeons, Manufacturer
Public	Événement public
Informations de contact	
Date et lieu	26.03.2015

Midterm Meeting Valencia ES

Date	21.10.2014
Description	Topics of the meeting: -Project management -Integration and adaption of training contents -Management and Financial Aspects -Future Tasks and Pilot Course -Dissemination plan & activities. -Other Issues
Cible	Partners
Public	Événement non public
Informations de contact	
Date et lieu	21.10.2014 9:30-17:00 IBV in Valencia

Événements

Presentation of the ToHealth Project - European Workshop

Date	12.09.2014
Description	Presentation of the ToHealth Project - European Workshop - Advanced Technologies for Training in Minimally Invasive Surgery
Cible	Doctors, Researchers
Public	Événement public
Informations de contact	
Date et lieu	12.09.2014 10 a.m. Caceres (ES)

Videoconference

Date	28.07.2014
Description	Update of the current state of work Agenda: -Welcome & Introduction -Management and financial aspects -Current Status of the Homepage -Content for Training Modules -Dissemination plan & activities -Copyright Issues -Future Tasks -Other issues
Cible	Partners
Public	Événement non public
Informations de contact	
Date et lieu	28.07.2014

Événements

Videoconference

Date	27.03.2014
Description	Update of the current state of work Agenda: -Welcome & Introduction -Management and financial aspects -Current Status of the Homepage -Results Focus Groups -Results Questionaire -Quality Plan -Dissemination plan & activities -Future Tasks -Other issues
Cible	Partners
Public	Événement non public
Informations de contact	
Date et lieu	27.03.2014

Kick-Off Meeting Murnau GER

Date	03.12.2013
Description	Topics of the meeting: -Introduction -Management and Financial Aspects -Workpackages -Deliverables for the first financial year -Discussion
Cible	Partners
Public	Événement non public
Informations de contact	
Date et lieu	03.12.2013 10:30 Uhr - 15:00 Uhr Berufsgenossenschaftliche Unfallklinik Murnau

Événements

Training in Danmar Computers

Date	10.10.2013
Description	The project was presented to the participants of EFS training organised by Danmar Computers.
Cible	Administrative staff of various SMEs in the region, including medical sector.
Public	Événement non public
Informations de contact	
Date et lieu	10.12.2013