Projects and Products Portal for Leonardo da Vinci

Theoretical Knowledge Course for Category A Aircraft Technicians including Interactive Multimedia Content

2013-1-NO1-LEO05-06344

http://www.adam-europe.eu/adam/project/view.htm?prj=11842

Project Information

Title:	Theoretical Knowledge Course for Category A Aircraft Technicians including Interactive Multimedia Content
Project Number:	2013-1-NO1-LEO05-06344
Year:	2013
Project Type:	Transfer of Innovation
Status:	granted
Country:	NO-Norway
Marketing Text:	Complete e-learning training system for Category A Aircraft Technicians - theoretical knowledge part.

Summary: The European Aviation Safety Agency (EASA) published a syllabus for the training of aircraft technicians in 2003, which was last revised in 2011. There is locally developed training material available that follows this syllabus to some degree, but standardized and modernized training material that is common for the entire European region is not currently available. Aircraft technician training organizations suffer from a lack of resources for adapting, revising and developing proper training material and training systems. The quality of the aircraft training has a distinct impact on flight safety. In 1996 and 2008 Nordian and its partners received funding from the Leonardo da Vinci Programme to develop a standardised training solution for pilots (aeroplane pilots in 1996, helicopter pilots in 2008) to be used all over Europe, consisting of books, Computer-Based Training (CBT) animations and Study Guides. The output of the project is now in use by flight training organisations in Norway, Sweden, Iceland, Greece, England, Holland, Belgium, Austria, Switzerland, Spain, Portugal, Italy, Turkey, Denmark, Poland, Estonia, Finland, Croatia, UAE and Serbia, and is continuously updated. Furthermore, Nordian took part in another project under the Leonardo da Vinci Programme in 2009, the purpose of which was to define and pilot test an integrated learning environment (made up of ICT based systems, learning methodology, E-learning contents and services) that could deliver and manage innovative Blended Learning Paths (BLPs) leading to the basic knowledge and skills for obtaining an Aircraft Maintenance License (AML). The aim and objective of the proposed project is to offer a standardised training solution for the training of aircraft technicians in Europe by adapting the output of the previous projects. The new project will make use of new technology by adapting an optional distance learning feature to enhance the dissemination and exploitation of the outcome. Out of the existing aeroplane and helicopter pilot training books and interactive multimedia material from the 1996 and 2008 projects, much of the material can be used as-is, and it will be consolidated (and modified as necessary) into an E-book. Additionally, a substantial amount of new interactive multimedia material will be developed to bridge the gap between pilot training and aircraft technician training as necessary. The partner organisations together form a strong entity with qualified and experienced human resources: Nordian is a well known developer of aviation training systems which traces its roots back to the government funded National Flight Academy of Norway. Most aircraft technician training organisations have limited resources, and the project output will help them to quickly adapt to stay in line with the EASA aircraft technician training syllabus, to improve flight safety and to improve their competitive position in relation to the non European aircraft technician training market.

Description: The aim and objective of the project is to offer a standardised training solution for the theoretical knowledge part of the aircraft technicians training cat A, by adapting the output of the previous projects related to pilot training. The new project will make use of new technology by adapting an optional distance learning feature to enhance the dissemination and exploitation of the outcome.

Themes:
- *** Utilization and distribution of results
- *** Recognition, transparency, certification
- *** Open and distance learning
- *** Vocational guidance
- *** Enterprise, SME
- *** Equal opportunities

Project Information

	*** Initial training ** Labor market ** ICT ** Continuous training
Sectors:	*** Education
Product Types:	teaching material open and distance learning evaluation methods DVD CD-ROM
Product information:	The products to be developed are: -Full colour Textbooks suitable for Category A aircraft technician training -Multimedia content to enhance the learning process -Study Guides with reading assignments -Self Assessment- and Progress tests -llustrations for use during tuitions All course content adapted to e-learning
Projecthomepage:	www.nordian.net

Project Contractor

Name:	Nordian AS
City:	Sandefjord
Country/Region:	Sor Ostlandet
Country:	NO-Norway
Organization Type:	SME - small and medium-sized enterprise (up to 250 employees)
Homepage:	http://www.nordian.net/

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Partner

Partner 1

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City:	Bardufoss
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Country:	NO-Norway
Organization Type:	others
Homepage:	http://www.hogtun.vgs.no/

Partner 2

Name:	LASFORMAÇÃO - Prestação de Serviçiões de Formação, Unipessoal, Lda.
City:	Prior Velho
Country/Region:	Lisboa
Country:	PT-Portugal
Organization Type:	others
Homepage:	http://www.las.pt/

Partner 3

Name:	Morson International
City:	Manchester
Country/Region:	South West (UK)
Country:	UK-United Kingdom
Organization Type:	others
Homepage:	http://www.morson.com/