Projects and Products Portal for Leonardo da Vinci

E-Learning system for GMDSS VET (Global Maritime Distress and Safety System)

142173-LLP-1-2008-1-SI-LEONARDO-LMP

http://www.adam-europe.eu/adam/project/view.htm?prj=4246

Project Information

Title: E-Learning system for GMDSS VET (Global Maritime Distress and Safety System)

Project Number: 142173-LLP-1-2008-1-SI-LEONARDO-LMP

Year: 2008

Project Type: Development of Innovation

Status: running

Country: EU-Centralised Projects

Marketing Text: Global Maritime Distress and Safety System (GMDSS) has been fully implemented worldwide since February 1999, specifying the GMDSS communication equipment for marine vessels, and rescue procedures for vessels and humans at sea with the objective to maximise safety at sea. People working in marine areas – mariners, i.e. seafarers, fishermen, yacht captains, sailing boat skippers, marina workers, nautical science students/cadets, etc. must be qualified through different VET to operate the specified equipment.
All mariners must obtain the appropriate type of GMDSS certificate, however, the access to the required knowledge is limited (traditional VET is expensive and distance learning is not feasible except for the SRC course) which doesn't encourage regular refreshing of knowledge – lifelong learning even when it is crucial to ensure safety of the crew, passengers and freight (even though this is not a legal requirement).
GMDSS VET providers can't offer distance learning, because they do not use appropriate technology to be able to do that. Beside that they are dependent on expensive computer simulators of the GMDSS communication devices without royalty free licenses.
The aim of the project is to offer online GMDSS courses to mariners and to offer dedicated e-learning system to GMDSS VET providers to be able to maintain such courses.
To achieve the objectives, the consortium will develop complete online LRC course with all the GMDSS communication devices simulators needed because all the GMDSS courses overlap with the SRC course (already exists) and LRC course, but on different knowledge levels and enhance the existing GMDSS e-learning system. All results will be available on multilanguage www.egmdss.com in at least 10 language versions.
The products of this project are focused on 2 target groups: mariners and GMDSS VET providers. The prevised impact on mariners is to increase their interest in initial GMDSS VET and knowledge updating. The prevised impact on GMDSS VET providers is usage of the GMDSS e-learning system to offer their GMDSS courses online. All that should improve safety at sea resulting in lower loss of human lives and material damages.

Summary:

Description:

Themes: *** ICT
*** Lifelong learning
*** Open and distance learning
** Higher education
* Labor market
* Recognition, transparency, certification
* Continuous training

Sectors: ** Education
* Accommodation and Food Service Activities
* Professional, Scientific and Technical Activities
* Other Service Activities
* Agriculture, Forestry and Fishing

Product Types: open and distance learning
website

Product information: 1. Improved GMDSS e-learning system, which will:
- be accessible on the internet web site www.egmdss.com (note that the current

Project Information

system is already accessible on the same internet web site),
- include at least the SRC and LRC course,
- target all mariners and those people who aspire to become one (several million in EU alone),
- enable GMDSS VET providers to add all GMDSS courses to the e-learning system,
- enable GMDSS VET providers to improve any GMDSS course from the e-learning system when needed,
- enable GMDSS VET providers to use any available GMDSS communication devices simulator and any available multimedial content in any GMDSS course,
- have multilanguage support for any language,
- include user manual for GMDSS VET providers in English,
- have some social network elements, at least forum and chat.

2. The GMDSS LRC course, which will:
- be a part of the GMDSS e-learning system,
- include the GMDSS communication devices simulators (MF/HF DSC radio and Inmarsat-C terminal) - putting a learner into an active role - instead of answering questions the learner actively practices and verifies his knowledge on a simulator,
- be available in English, Slovenian, Turkish, Italian, French, Polish, Finnish, Spanish, Norwegian and Dutch (and possibly other languages),
- include real-life animation of the GMDSS communication device operation (conveying to the learner how a device operates),
- include separate quizzes for each chapter,
- be developed considering the harmonised examination procedures for maritime radio operator's certificates (CEPT/ERC/RECOMMENDATION 31-05 E) issued by European Radiocommunication Office,
- be certified with a BTEC vocational education certificate by world renowned awarding body EDEXCEL.

Projecthomepage: http://www.egmdss.com/

Project Contractor

Name:	Spinaker d.o.o.
City:	Portorož
Country/Region:	Slovenija
Country:	SI-Slovenia
Organization Type:	SME - small and medium-sized enterprise (up to 250 employees)
Homepage:	http://www.spinaker.si

Contact Person

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Coordinator

Name:	Spinaker d.o.o.
City:	Portorož
Country/Region:	Slovenija
Country:	SI-Slovenia
Organization Type:	SME - small and medium-sized enterprise (up to 250 employees)
Homepage:	http://www.spinaker.si

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Partner

Partner 1

Name:	Satakunnan Ammattikorkeakoulu
City:	Pori
Country/Region:	Länsi Suomi
Country:	FI-Finland
Organization Type:	university/Fachhochschule/academy
Homepage:	http://www.samk.fi/

Partner 2

Name:	UNIVERZA V LJUBLJANI
City:	Portorož
Country/Region:	Slovenija
Country:	SI-Slovenia
Organization Type:	university/Fachhochschule/academy
Homepage:	http://www.fpp.uni-lj.si/

Partner 3

Name:	Akademia Morska w Szczecinie
City:	Szczecin
Country/Region:	Zachodniopomorskie
Country:	PL-Poland
Organization Type:	National Agency
Homepage:	http://www.wsm.szczecin.pl

Partner 4

Name:	AdaptA d.o.o.
City:	Ljubljana
Country/Region:	Slovenija
Country:	SI-Slovenia
Organization Type:	SME - small and medium-sized enterprise (up to 250 employees)
Homepage:	http://www.adapta-solutions.si

Partner

Partner 5

Name:	UNIVERSIDAD DE CÁDIZ
City:	Puerto Real – Cadiz
Country/Region:	Andalucia
Country:	ES-Spain
Organization Type:	university/Fachhochschule/academy
Homepage:	http://www.uca.es/

Partner 6

Name:	Maritiem Instituut Willem Barentsz van de Noordelijke Hogeschool Leeuwarden
City:	Terschelling West
Country/Region:	Friesland
Country:	NL-Netherlands
Organization Type:	university/Fachhochschule/academy
Homepage:	http://www.miwb.nl/

Partner 7

Name:	ANTEK AE
City:	Piraeus
Country/Region:	Attiki
Country:	EL-Greece
Organization Type:	SME - small and medium-sized enterprise (up to 250 employees)
Homepage:	http://idec.gr/

Partner 8

Name:	Centre for Factories of the Future Ltd.
City:	Coventry
Country/Region:	West Midlands
Country:	UK-United Kingdom
Organization Type:	SME - small and medium-sized enterprise (up to 250 employees)
Homepage:	http://www.c4ff.co.uk/

Partner

Partner 9

Name:	Offshore BVBA
City:	Deinze
Country/Region:	Oost-Vlaanderen
Country:	BE-Belgium
Organization Type:	SME - small and medium-sized enterprise (up to 250 employees)
Homepage:	http://www.offshore-navigation.be/

Partner 10

Name:	Türk Deniz Eitim Vakf Deniz Eitim Merkezi
City:	Istanbul
Country/Region:	Istanbul
Country:	TR-Turkey
Organization Type:	university/Fachhochschule/academy
Homepage:	http://www.tudev.com.tr

Partner 11

Name:	SE.MA.2 s.r.l.
City:	Torre Del Greco
Country/Region:	Campania
Country:	IT-Italy
Organization Type:	SME - small and medium-sized enterprise (up to 250 employees)
Homepage:	http://www.sema2.com/

Project Files

2008_1933_FR_E-GMDSSVET_Public_part.pdf

http://www.adam-europe.eu/prj/4246/prj/2008_1933_FR_E-GMDSSVET_Public_part.pdf

Final report

2008_1933_PR_E-GMDSSVET_Public_part.pdf

http://www.adam-europe.eu/prj/4246/prj/2008_1933_PR_E-GMDSSVET_Public_part.pdf

Progress report

Products

1 GMDSS e-learning system

2 GMDSS LRC course

3 Progress report

4 Final report

Product 'GMDSS e-learning system'

Title:	GMDSS e-learning system
Product Type:	website
Marketing Text:	1. Improved GMDSS e-learning system, which will: - be accessible on the internet web site www.egmdss.com (note that the current system is already accessible on the same internet web site), - include at least the SRC and LRC course, - target all mariners and those people who aspire to become one (several million in EU alone), - enable GMDSS VET providers to add all GMDSS courses to the e-learning system, - enable GMDSS VET providers to improve any GMDSS course from the e-learning system when needed, - enable GMDSS VET providers to use any available GMDSS communication devices simulator and any available multimedial content in any GMDSS course, - have multilanguage support for any language, - include user manual for GMDSS VET providers in English, - have some social network elements, at least forum and chat.
Description:	
Target group:	
Result:	
Area of application:	
Homepage:	www.egmdss.com
Product Languages:	Turkish Spanish Slovenian Polish Italian Hungarian Greek French Finnish English Dutch Croatian

Product 'GMDSS LRC course'

Title:	GMDSS LRC course
Product Type:	open and distance learning
Marketing Text:	2. The GMDSS LRC course, which will: - be a part of the GMDSS e-learning system, - include the GMDSS communication devices simulators (MF/HF DSC radio and Inmarsat-C terminal) - putting a learner into an active role - instead of answering questions the learner actively practices and verifies his knowledge on a simulator, - be available in English, Slovenian, Turkish, Italian, French, Polish, Finnish, Spanish, Norwegian and Dutch (and possibly other languages), - include real-life animation of the GMDSS communication device operation (conveying to the learner how a device operates), - include separate quizzes for each chapter, - be developed considering the harmonised examination procedures for maritime radio operator's certificates (CEPT/ERC/RECOMMENDATION 31-05 E) issued by European Radiocommunication Office, - be certified with a BTEC vocational education certificate by world renowned awarding body EDEXCEL.
Description:	
Target group:	
Result:	
Area of application:	
Homepage:	www.egmdss.com
Product Languages:	Dutch English Finnish French Greek Italian Slovenian Polish Turkish Spanish

Product 'Progress report'

Title:	Progress report
Product Type:	others
Marketing Text:	
Description:	
Target group:	
Result:	
Area of application:	
Homepage:	
Product Languages:	English

product files

2008_1933_PR_E-GMDSSVET_Public_part.pdf

http://www.adam-europe.eu/prj/4246/prd/3/1/2008_1933_PR_E-GMDSSVET_Public_part.pdf
Progress report

Product 'Final report'

Title:	Final report
Product Type:	others
Marketing Text:	
Description:	
Target group:	
Result:	
Area of application:	
Homepage:	
Product Languages:	English

product files

2008_1933_FR_E-GMDSSVET_Public_part.pdf

http://www.adam-europe.eu/prj/4246/prd/4/1/2008_1933_FR_E-GMDSSVET_Public_part.pdf
Final report