



Lifelong Learning Programme

Innovative eLearning Tool for Quality Training Material in VET

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EU Life Learning Programme

Leonardo da Vinci 3.2: Multilateral project for transfer and development innovation

Priority: Innovative eLearning content



iQTool aims



Objectives

- Support improvements in quality and innovation in eLearning
 Innovative aim
- Softver tool, integration of evaluation system and LMS





Lifelong Learning Programme

- Hungary: SZÁMALK Education and Information Technology Ltd.
- Norway: The Research Foundation TISIP
- Greece: Technical University of Crete, Laboratory of Distributed Multimedia Information Systems and Applications
- Hungary: MTA SZTAKI (Computer and Automation Research Institute, Hungarian Academy of Sciences)
- **Germany**: f-bb (Research Institute for Vocational Training)
- **Portugal**: CENFIM (Vocational Training Centre for Metallurgy and Metalwork Industry)



Target Groups



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- VETs and other eLearning institutions
- Users, managers, tutors, trainers
- Content developers
- Service providers



Duration: 2 yearsBegin on 01-12-2007

Total eligible cost EUR 618.728





Parts of the project



I. Part: Setting up working groups Research work, evaluating results

II. Part: Software and content development

III. Part: Testing, feedback Dissemination, exploitation





- WP1 Management (SZÁMALK)
- WP2 Research (TU Crete)
- WP3 Software Development (SZTAKI)
- WP4 Educational Content Development (f-bb)
- WP5 Testing and Pilot Training (CENFIM)
- WP6 Quality and Evaluation (TISIP)
- WP7 Dissemination (SZÁMALK)
- WP8 Exploitation (SZÁMALK)



WP1. Workshops



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Project workshops
January 2008 Lisbon
June 2008 Chania (HE)
November 2008 München
May 2009 Trondheim (NO)
November 2009 Budapest

+ netmeetings





WP1. iQTool websites

Websites

- 1. Project website
- www.iqtool.eu
- Public
 - Summary, research reports, eLearning contents
- Working area
 - for partners
- 2. Website for software development
- www.iqtool.com



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Project Summary - Windows Internet Explo	orer	×
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Innovative eLearning Tool for Quality Training Material in VET	Project Summary Events Partners Profile Contacts	^
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NEWS Trondheim Meeting The fourth partner meeting of the iQTool project was held in Trondheim, Norway on 28-29 May 2009. The main topics of the meeting were the project evaluations (one from Brussels, and the other from the external evaluator), WP3, WP4, WP5, WP6 and finally WP7 on dissemination.	Quality is becoming a strategic issue for web-based learning providers and users. The need for quality management in web-based learning has risen in European educational policy discussions as well as quality surveys and questionnaires targeted at students and teachers. The aim of the project is to develop an open source software tool integrated in LMS (s), which is suitable to assess the teaching quality management of eLearning training programs and training materials for supporting the application of the quality measurement tool for institutions dealing with vocational training and which therefore can promote the establishment and development of quality culture. The project implementation integrates testing of software and pilot training of the training material as well. Thus the aims of the project are: 1. to elaborate an eLearning quality tool which can be applied at European level and which enables the teaching of quality management, 2. to provide the management and quality assurance of vocational training with an effective tool.	
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WP2. Research



Coordinator: TUC (EL)

- Evaluation of open-source eLeraning platforms
- Evaluation of quality management systems applicable in VET



1. Open Source LMS Research



- Research plan
- Work out criteria system
- Research: Open source LMSs
- Identification of related projects, surveys, open source LMS's
- Evaluation the results
- Research report





- • Fle3 1.5.0 http://fle3.uiah.fi/
- • eFront 3.1.2 http://www.efrontlearning.net/
- • Ilias 3.9.1 http://www.ilias.de/
- • Moodle 1.8.4 http://moodle.org/
- ATutor 1.5.5 http://www.atutor.ca/
- Sakai 2.4.1 http://www.sakaiproject.org/
- • dotLRN 2.3.1 http://dotlrn.openacs.org/
- Claroline 1.8.8 http://www.claroline.net/
- • OLAT Online Learning And Training 5.2.3 - http://www.olat.org/

- LON-CAPA 2.6.2 http://www.loncapa.org/
- • KEWL.NextGen 1.3.0 http://kngforge.uwc.ac.za/
- • Docebo 3.5.0.3 http://www.docebo.org/
- • Dokeos 1.8.4 http://www.dokeos.com/
- . Interact 2.4.1 http://www.interactole.org/
- Metacoon 1.9.5 http://www.metacoon.de/
- • OpenElms 5.0 http://www.openelms.org/
- • Bodington 2.8.0 http://bodington.org/



iew criteria



- Active Development Community
- Existence of Stable Versions
- Support English Language (at least)
- SCORM compliance
- Support Learning Objects as Minimum
- Granularity of Learning Content
 - Support Core LMS Functionality

- Availability of Information about their User Base
- Existence of Organization to and derived works.
- Review Result
- Support
- Further Development
- Availability of Third Party Reviews
- OSI approved license or, if they use a different license, ensure that it allows modifications

Tool

2. Quality Assurance Research



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- Research plan
- Work out criteria system
- Research: Quality management systems
- Identification of related projects, surveys, open source LMS's
- Evaluation the results
- Research report
 - Suggestions of Quality assurance systems in iQTool
 - Suggestions to QM material of iQTool





WP3. Software development



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Coordinator: MTA SZTAKI Partner: TUC (EL) Partner: SZÁMALK (ILIAS plugin)



WP4 Content Development



Coordinator: f-bb (DE) eLearning materials:

A. Quality Management in Vocational Training and eLearning

B. Web-based Training IQTool Users Manual







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	Quality Management in Vocational Training and eLearning page 6 of 26
	Exercise: User roles Administrators
(1)	Publishers
111	Quality assurance managers
	can create and edit questions and questionnaires and are able to define evaluations as well. Besides, they can create, edit and view: questions, combined statistics or questionnaire statistics.
	can edit the organizations, manage user accounts and they can delete questions or questionnaires.
14	can inspect and revise questions and questionnaires and they can view: questions, combined statistics or questionnaire statistics.
	Please drag the statements with your mouse to the area they belong HU 20:47
Start	► ►



WP5. Tests



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Coordinator: CENFIM (PT) Tests on ILIAS platform of SZTAKI A (Quality) B (Manual)

8 eLearning materials / each partners

Evaluation by test groups



Quality Assurance and Evaluation

i<mark>QTo</mark>ol

Innovative eLearning Tool for Quality Training Material in VET Leonardo da Vinci, development of innovation by



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www.iqtool.org April 2008



WP6. Quality assurance and monitoring

Internal monitoring

- web-based questionnaires,
- Reports, minutes of meetings

External evalutor (PT)

• External reports (interim, final)

Reports for Brussels (EACEA)

Evaluation: good



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Education, Audiovisual & Culture Executive Agency



Project Outcomes & Results



- Research reports
 - **Open-source eLearning LMSs**
 - Quality management systems
- Software for evautaion of quality of eLearning courses, contents
- eLearning training materials
 - Quality management
 - Manual



WP6.-7 Dissemination



- Project website
- EU ADAM database
- Project leaflets 5 languages (EN, HU, NO, GE, GR, PT)
- Conference papers, newsletters, (national and international)
- Final conference, Budapest, November 2009







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Tank you for your attention

www.iQTool.eu