Projects and Products Portal for Leonardo da Vinci

Innovation Laboratories for the quality assurance of vocational education and training

2012-1-PL1-LEO05-27430

http://www.adam-europe.eu/adam/project/view.htm?prj=10093

Project Information

Title: Innovation Laboratories for the quality assurance of vocational education and training

Project Number: 2012-1-PL1-LEO05-27430

Year: 2012

Project Type: Transfer of Innovation

Status: granted

Country: PL-Poland

Marketing Text: The major objective of the project was improve the quality of vocational education and training through the use of i-Labs in the didactic processes. This objective was reached by: setting up new laboratories in the partner countries; training of the staff of VET institutions in the use of i-Labs; implementation of the i-Labs in everyday practice of vocational education.

Summary: Employers expect from vocational schools graduates', among others, creativity and innovativeness, abilities to solve problems, team work, efficient use of information-communication technology tools. The experience proves that the innovative combination of the environment, IT and moderation techniques is an effective support for all kinds of team work. It contributes to create innovative problem solutions in the area of management, organisation and education. The implementation of i-Labs in the vocational education process will help their users to achieve skills, which are most required /needed at the present labour market from graduates looking for a job.
The major objective of the project was to improve the quality of vocational education and training through the use of i-Labs in the didactic processes. This objective was reached by: setting up new laboratories in the partner countries; training of the staff of VET institutions in the use of i-Labs; implementation of the i-Labs in everyday practice of vocational education.
The Partnership was composed of 6 institutions. The project was coordinated by the leader ITeE-PIB (PL), whose structure encompasses already an i-Lab. The leader was also a supplier of the unique software "Virtual Brainstorm" (VBS), which is planned to be used in the new i-Labs. The project partners: School Centre Ptuj (SI), SBG Dresden (DE), University of Rzeszów (PL), University Dunarea de Jos din Galati (RO) have a long experience in the implementation of vocational education processes on different levels. The Polish and Romanian partners were specially involved in theoretical and practical works concerning the use of IT in vocational education, including innovative technologies and tools. The Greek partner IDEC (EL) is well experienced institution in the field of monitoring and evaluation of the European projects.
As a result of the project, the teachers, trainers and managers of VET institutions achieved new competences in application of an innovative education technology (i-Lab).
Activities undertaken in the project, especially development and application of the original, innovative software supporting i-Lab sessions, had a significant impact on the increase of competences of VET teachers, trainers and VET institution managers in using information-communication technologies. The project contributed to improve the quality and the efficiency of vocational education through the implementation of innovative work group methods .
The case studies was also the outcome of the project which were described the use of innovation laboratories in new, so far unknown areas and constitute a vital contribution into the development of Innovation Laboratories Good Practice Guide. Through the creation of three new i-Labs, project contributed to the development of the International Net of i-Lab Users, which was a support for i-Lab sessions facilitators.

Description: Many factors have the influence on the quality of education, among others: house-equipment base, including the equipment and the availability of specialist laboratories, school curricula, education programmes, teaching methods, processes of the management and the organization of the school. The i-Lab application in the process of educating contributed to the development of mentioned factors affecting the increase of the quality of education.

Project Information

Moreover, the results of research carried out by The American Partnership for 21st Century Skills and the National Council for Social Studies (a map of 21st century social skills), European documents and outcomes of research done in the Institute for Sustainable Technologies – National Research Institute in Radom (Strategic project: Innovative Systems of Technical Support for Sustainable Development of Economy, Task: Training and Improvement of Innovation Economy Workers), show that first of all employers expect from graduates creativity and innovativeness, ability to solve problematic situations, team work skills, analysing and managing information, using digital media, efficiency in using information -communication technology tools.
The strength of innovation laboratories that we are going to develop in our project is a unique, proved in many situations, approach for innovative and creative thinking process. The innovation laboratories are geared towards supporting many kinds of team work aimed at seeking innovative solutions to problems appearing in various areas of human activity. It is possible thanks to applied moderation techniques and to unique specialised software used in i -Labs. Innovation laboratories develop in participants (in the case of our project these are vocational subject teachers and vocational schools students) those abilities that are most needed on modern labour market.

The major objective of the project was to improve the quality of vocational education and training through the use of i-Labs in the didactic processes. This aim was accomplished by achieving intermediate activities:
• transfer of the innovative solution (i-Lab) to EU countries (DE, SI, RO) and its adaptation to the new conditions of VET
• development of an original software supporting i-Lab sessions
• development of competences of employees of newly established Innovation Laboratories (VET teachers, trainers and VET institution managers) in the area of facilitation of i-Lab sessions and applying innovative computer software supporting sessions organisation.
• development of competences of students through pilot application of Innovation Laboratories in vocational education practice
• identification of new applications for Innovation Laboratories in vocational education and training (development of Good Practice Guide)
• development of the International Innovation Laboratories Users Net (www.ilab.eu.com) through including in the Net the laboratories established as a result of our project

The dissemination and aplication of Innovation Laboratories in vocational education and training contributed to the development of innovativeness of vocational education and training, the improvement of the access to these Laboratories and the inclusion in the education process of people facing social exclusion.

Themes: *** Quality
*** Others
*** Continuous training
** ICT
** Lifelong learning
** Higher education

Sectors: *** Education
* Information and Communication

Product Types: others
teaching material
program or curricula
website

Product information: The subject of the transfer was the Innovation Lab (i-Lab) concept implemented for the first time in the GB by the Royal Mail in Rugby in response to the need of addressing various problems in an innovative way as well as a follow-up of a universal trend promoting innovative thinking and creative methods of decision-making process fostering the improvement of effectiveness of meetings and team work.

Project Information

The i-Lab is an inspiring, innovative solution designed in order to transfer the users from their everyday environment to the extraordinary environment contributing to creative thinking and problems solving. The i-Lab is an excellent support for any type of the team work.
The innovative idea of i-Lab assumes the co-existence and mutual interpenetration of three elements: environment, technology and moderation (facilitation) techniques.
The team work methodology in innovation labs is based on the wellknown brain storming process. The innovative character and the supremacy of solutions applied in i-Lab result from using specially designed computer software supporting the brain storming process.
For years i-Labs have been applied in educational activities in the Great Britain, Finland and Germany. An important step towards the promotion of the innovation laboratories idea was a Leonardo da Vinci pilot project UK/06/B/F/PP/162-564 European i-Lab Competence Development Programme (i-Lab1) (2006-2009) carried out with the participation of the two institution being involved in this project (ITeE-PIB and IDEC S.A.). As a result of this programme, the first i-Lab was established in Poland, whose idea and elements will be the subject of the transfer. A lot of case studies have been identified and described where i-Labs have been used while looking for solutions to problems related to the company management. The effectiveness of these cases which is emphasised each time is inducing us to take activity aimed at increasing the quality of education and vocational training course by using i-Lab in the education processes. It isn't using the possibility of the i-Lab applications because it could be used in the any sector.
The subject of the transfer was also the Innovation Laboratory - Good Practice Guide developed in the framework of the i-Lab1 project. GPG was actualized by possibilities of using i-Labs in the new areas. Three new languages versions (DE,SI,RO) were created. Polish and English version were actualised.

Projecthomepage: http://www.ilab2.eu/

Project Contractor

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Country/Region:	Mazowieckie
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Partner

Partner 1

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City: Dresden
Country/Region: Sachsen
Country: DE-Germany
Organization Type: continuing training institution
Homepage: http://www.sbgdd.de

Partner 2

Name: Solski Center Ptuj
City: Ptuj
Country/Region: Slovenija
Country: SI-Slovenia
Organization Type: continuing training institution
Homepage: http://www.scptuj.si

Partner 3

Name: Aintek Symvouloi Epicheiriseon Efarmoges Ypsilis Technologias Ekpaidefsi Anonymi Etaireia
City: PIRAEUS
Country/Region: Attiki
Country: EL-Greece
Organization Type: others
Homepage: http://www.idec.gr

Partner 4

Name: Uniwersytet Rzeszowski
City: Rzeszów
Country/Region: Podkarpackie
Country: PL-Poland
Organization Type: university/Fachhochschule/academy
Homepage: http://www.univ.rzeszow.pl

Partner

Partner 5

Name:	Universitatea "Dunarea de Jos" din Galati
City:	GALATI
Country/Region:	Sud Est
Country:	RO-Romania
Organization Type:	university/Fachhochschule/academy
Homepage:	http://www.ugal.ro

Project Files

A_Dlugosz The use of the innovation laboratory.pdf

http://www.adam-europe.eu/prj/10093/prj/A_Dlugosz%20The%20use%20of%20the%20innovation%20laboratory.pdf

A_Koziorowska Problem method of teaching .pdf

http://www.adam-europe.eu/prj/10093/prj/A_Koziorowska%20Problem%20method%20of%20teaching%20.pdf

I-Lab in the education.pdf

http://www.adam-europe.eu/prj/10093/prj/I-Lab%20in%20the%20education.pdf

Article: I-Lab in the education of health and safety at work
The article was presented during the I International scientific conference health and safety at work as a subject of work pedagogy research. 13–14.11.2013 Radom and also published: Sukowski T, Skoczylas K.: i-Lab in the education of health and safety at work. Sas-Badowska A. (edit.): Health and safety at work as a subject of work pedagogy research. Radom 2013. ISBN 978-83-7789-240-4. (91-98)

Innovation laboratories.pdf

http://www.adam-europe.eu/prj/10093/prj/Innovation%20laboratories.pdf

Article: Innovation laboratories for the quality assurance of vocational education and training

The article was presented during the International Scientific Conference & International Workshop. Present Day Trends of Innovations 2013. 23–24.05.2013. Dubnica nad Váhom
and also published: Sukowski T.: Innovation Laboratories for the quality assurance of vocational education and training. Varkoly L. (edit.): Present Day Trends of Innovations. Dubnica nad Vahom 2013. ISBN 978-80-89400-59-1. (16-23)

Innovation Laboratory – DPG in Polish version.pdf

http://www.adam-europe.eu/prj/10093/prj/Innovation%20Laboratory%20%E2%80%93%20DPG%20in%20Polish%20version.pdf

Innovation Laboratory – GPG in English version.pdf

http://www.adam-europe.eu/prj/10093/prj/Innovation%20Laboratory%20%E2%80%93%20GPG%20in%20English%20version.pdf

Innovation Laboratory – GPG in German version.pdf

http://www.adam-europe.eu/prj/10093/prj/Innovation%20Laboratory%20%E2%80%93%20GPG%20in%20German%20version.pdf

Innovation Laboratory – GPG in Romanian version.pdf

http://www.adam-europe.eu/prj/10093/prj/Innovation%20Laboratory%20%E2%80%93%20GPG%20in%20Romanian%20version.pdf

Innovation Laboratory – GPG in Slovenian version.pdf

http://www.adam-europe.eu/prj/10093/prj/Innovation%20Laboratory%20%E2%80%93%20GPG%20in%20Slovenian%20version.pdf

K_Skoczylas I-Lab in the education.pdf

http://www.adam-europe.eu/prj/10093/prj/K_Skoczylas%20I-Lab%20in%20the%20education.pdf

Project Files

K_Skoczylas Using of an innovation.pdf

http://www.adam-europe.eu/prj/10093/prj/K_Skoczylas%20Using%20of%20an%20innovation.pdf

Katarzyna Skoczylas: Using of an innovation laboratory in the searching for creative solutions. Polish Journal of Continuing Education No. 4(87)/2014.

The article was presented during the conference: Professional Development of Teachers. Teacher as a Creator of European Educational Innovations. Jedlnia Letnisko, 20-21.11.2014.
The conference was attended by vocational education teachers, academic teachers and lecturers from pedagogical high schools and universities.

Leaflet in English version.pdf

http://www.adam-europe.eu/prj/10093/prj/Leaflet%20in%20English%20version.pdf

Leaflet in German version.pdf

http://www.adam-europe.eu/prj/10093/prj/Leaflet%20in%20German%20version.pdf

Leaflet in Polish version.pdf

http://www.adam-europe.eu/prj/10093/prj/Leaflet%20in%20Polish%20version.pdf

Leaflet in Romanian version.pdf

http://www.adam-europe.eu/prj/10093/prj/Leaflet%20in%20Romanian%20version.pdf

Leaflet in Slovenian version.pdf

http://www.adam-europe.eu/prj/10093/prj/Leaflet%20in%20Slovenian%20version.pdf

Wall calendar in English version.pdf

http://www.adam-europe.eu/prj/10093/prj/Wall%20calendar%20in%20English%20version.pdf

Wall calendar in German version.pdf

http://www.adam-europe.eu/prj/10093/prj/Wall%20calendar%20in%20German%20version.pdf

Wall calendar in Polish version.pdf

http://www.adam-europe.eu/prj/10093/prj/Wall%20calendar%20in%20Polish%20version.pdf

Wall calendar in Romanian version.pdf

http://www.adam-europe.eu/prj/10093/prj/Wall%20calendar%20in%20Romanian%20version.pdf

Project Files

Wall calendar in Slovenian version.pdf

http://www.adam-europe.eu/prj/10093/prj/Wall%20calendar%20in%20Slovenian%20version.pdf

Products

1 New laboratories of innovation

2 New language version of Virtual Brainstorm software (VBS)

3 Qualified facilitators staff with proven skills

4 Good Practice Guide expanded by new descriptions and examples of i-lab applications in new

5 Innovative methods of training and education

6 Expanded network of i-lab users

7 Project website

8 Local dissemination seminars

9 Final conference

Product 'New laboratories of innovation'

Title: New laboratories of innovation

Product Type: others

Marketing Text: The i-Lab is an inspiring, innovative solution designed in order to transfer the users from their everyday environment to the extraordinary environment contributing to creative thinking and problems solving. The i-Lab is an excellent support for any type of the team work.
The innovative idea of i-Lab assumes the co-existence and mutual interpenetration of three elements: environment, technology and moderation (facilitation) techniques.
The team work methodology in innovation labs is based on the wellknown brain storming process. The innovative character and the supremacy of solutions applied in i-Lab result from using specially designed computer software supporting the brain storming process.

Description: P1, P2, P3, P5 partners launched Innovation Laboratories (i-Labs), the concept of which is constituted by the subject of transfer in that project. i-Lab is an inspiring, innovative solution designed to move the users from their everyday environment to an extraordinary space conducive to creative thinking and problem solving. i-Lab is the perfect support for any teamwork.
The innovation of i-Labs involves the use of three coexisting and mutually permeable elements: environment (interior design of an i-Lab), technology and moderation (facilitation) techniques.

Target group: VET teachers, trainers and VET institution managers

Result: Implementation of the Innovation Laboratories shall result in improved quality of vocational education.

Area of application: This project aims at improved quality of education and vocational training through the i-Lab use in the educational processes. Developed laboratories enable to use new activating methods in the educational process, contribute to development and accessibility of specialist laboratories, equipment, curricula, processes of school management and organisation, therefore factors affecting quality of education. Therefore, i-Lab launch is a key project activity.

Homepage: http://www.ilab2.eu/ (Our i-Labs)

Product Languages:

Product 'New language version of Virtual Brainstorm software (VBS)'

Title: New language version of Virtual Brainstorm software (VBS)

Product Type: others

Marketing Text: The software is one of the essential elements of an i-Lab. It allows for assistance in realisation of brainstorming processes in an i-Lab (collecting ideas, voting on ideas, reporting). Virtual Brainstorm (VBS) software, developed in the Institute for Sustainable Technologies – National Research Institute in Radom, is used there in the i-Lab. In the course of the project, the software was upgraded with new language versions (English, German, Slovenian, and Romanian) and made available to the project partners for the purposes of new i-Labs. Software implementation was preceded by a training course in software operation and administration for the partner institutions' representatives.

Description: VBS is installed on the Institute's servers, while its access is granted via a web browser (www.multivbs.itee.radom.pl). The system provides three groups of users. Administrator – manages all users, sets up and removes sessions, assigns a tutor and participants to a selected session, has the power of a moderator and a participant. The system can run multiple administrator accounts. Each of them has access only to those sessions and participants' accounts that it introduced. Tutor – has access to tools used to open and close sessions, groups the ideas, defines voting methods, generates reports, has the power of a participant. Participant – adds entries and comments, attaches files to a session, participates in voting, and has access to final reports.
Brainstorming using the VBS software takes place in four stages: registration of ideas, grouping of ideas (optional), voting (choosing the best solutions). Following the voting stage, the software automatically generates four reports: Ranking by ideas (ideas by the number of points obtained); Ranking by groups of ideas (groups of ideas by the number of points obtained); All ideas (without taking into account the scoring results); Ideas in groups (without taking into account the scoring results). All reports can be exported to a PDF file.

Target group: VET teachers, trainers and VET institution managers i-lab users

Result: assets created with the intention to be used by the participants or targets

Area of application: Software is one of three co-existing and interpenetrating i-Lab elements: environment, moderation techniques, technology. Each of three mentioned elements is equally important for i-Lab functioning and full functionality of the Innovation Laboratory is impossible without it. Therefore, software is necessary to launch the Innovation Laboratory.

Homepage: http://multivbs.itee.radom.pl/

Product Languages: English
German
Romanian
Polish
Slovenian

Product 'Qualified facilitators staff with proven skills'

Title: Qualified facilitators staff with proven skills

Product Type: others

Marketing Text: The main tasks of a moderator (facilitator) of sessions realised in an i-Lab include planning and preparation of a session in a way to ensure the optimum use of resources available in an i-Lab, execution of sessions using available supporting techniques, reporting. The moderator shall understand the i-Lab concept and know the capacity of use of the i-Lab environment, capacity of use of the specialised software and available elements of technology. Qualified facilitators staff was necessary for the further stages of the project implementation, when i-Labs were introduced to the vocational education practice, but also for the functioning of an i-Lab in an organisation's structure.

Description: A training course on planning, preparation and moderation of the i-Lab session, as well as on administration and operation of the VBS software, was organised for the partner institutions' representatives. 16 people attended the training course (three from Poland, three from Slovenia, two from Germany, one from Greece and seven from Romania). The training course was conducted by the facilitators from the Institute for Sustainable Technologies – National Research Institute in Radom. It was organised by the P0 Project Leader and P5 partner (University of Galati). It took place in Romania from 24 to 25 September 2013. A set of teaching materials containing i-Lab Facilitation Training – Guide for Trainers and VBS – Virtual BrainStorm – Software Instruction Manual was prepared for the purposes of the training course. Electronic and printed versions of the materials were given to the training participants.
An element of the workshops organised as a part of the project included study visits in the Innovation Laboratories, during which the facilitators taking part in the training course prepared and conducted sessions for the partner institutions' representatives. Those sessions were aimed at improving the skills acquired during the training course.

Target group: VET teachers, trainers and VET institution managers

Result: As a result of described activities, selected employees of partner institutions shall enhance their knowledge and skills concerning moderation of the i-Lab session. They shall use these skills during conducting demonstrative and pilot sessions. After the project completion, they shall use them within the scope of i-Lab use in education and management.

Area of application: Providing training for education staff

Homepage:

Product Languages:

Product 'Good Practice Guide expanded by new descriptions and examples of i-lab applications in new language versions'

Title: Good Practice Guide expanded by new descriptions and examples of i-lab applications in new language versions

Product Type: teaching material

Marketing Text: Good Practice Guide presents the i-Lab concept; it includes information on principles of i-Lab use, presents possible areas of implementation of the Innovation Laboratory.

Description: An original version of the Guide (issue I) was developed and published in 2008 by the Partnership of the Leonardo da Vinci Project Competence Development Program for Innovation Laboratories. That project aimed at development of practice and promotion of the i -Lab use in Europe. Under the project, there were developed three innovation laboratories operating to this day (in Poland, Turkey and Romania). Selected outcomes of this project (i.a. Innovation Laboratory – Guide to Good Practice) constitute an element of transfer in the project, which is the subject of this report.
Under the project, the issue I of the Guide included update of the content concerning principles and guidelines of designing innovation laboratories, as well as the moderator's role and tasks. The section IT technologies supporting the innovation laboratory's work was extended with a description of the VBS software developed under the i-Lab2 project. The information about the completed i-Lab2 project were published. The section Case studies of the use of innovation laboratories was extended with descriptions of sessions executed under the project – nine sessions in all. Moreover, a description of brainstorming as a basic method applied in an innovation laboratory was added. An attachment, including the detailed data concerning selected innovation laboratories, was updated and extended.

Target group: VET teachers, trainers and VET institution managers, potential i-Lab users.

Result: Innovation Laboratories – Guide to Good Practice was conceived as a publication to help understand what an innovation laboratory was, how its potential might be used, how to use the operating i-Labs efficiently, design and create one's own i-Lab. Besides, the Guide was published also as a promotional, dissemination and information material of the project. It was handed over to the final conference's participants. It is also distributed among institutions cooperating with partners and related to vocational education.
The Guide constitutes the compendium of knowledge about innovation laboratories, so it may be applied at each stage of planning and use of innovation laboratories. Under the project, it performed mainly the role of promotional, dissemination and information materials concerning the executed project, achieved outcomes, capacity of the i-Lab use and its potential.

Area of application: Good Practice Guide shall be applied as a manual for i-Lab users, guide within the scope of i-Lab designing and organising its sessions, as well as a material disseminating the project outcomes.

Homepage:

Product Languages: English
German
Slovenian
Polish
Romanian

Product 'Innovative methods of training and education'

Title: Innovative methods of training and education

Product Type: others

Marketing Text: Application of i-Lab in the educational process shall contribute to generation of new methods of work with a student and it shall affect the way of organising educational activities.

Description: In the literature on the subject, a teaching method is defined as the ways of teacher's operation, aiming at introduction of changes in students' knowledge or skills, controlling them. In the completed project, i-Lab was applied for the first time within the scope of vocational education. Technologies, ways of moderation and environment applied in an i-Lab, in the light of the above-mentioned definition, create a new, innovative teaching method. As compared with traditional methods, it activates all the session participants to joint action. Use of the software ensuring anonymity enables to minimise the communication barriers experienced by persons socially withdrawn and of low self-esteem. The lab environment impacts stimulation of imagination and search for non-standard solutions of posed issues, enables to use computers on theoretical classes, thus involving in action to a greater degree, and is positively perceived by the session participants. Experience from sessions organised under the project shows that specific, interesting outcomes were managed to be developed in a relatively short time. It would be impossible with use of traditional methods, or would require more time and work.

Target group: VET teachers, trainers and VET institution managers, potential i-Lab users.

Result: The project's innovation was constituted by the use of a laboratory in a new, previously non-applied area of vocational education. It was assumed that innovation laboratories should contribute to the improved quality of vocational education. New, appropriately selected teaching methods have a significant impact on the quality of education, apart from many other, above-mentioned factors. New teaching methods, available due to the launch of innovation laboratories, contribute to the improved quality of vocational education. From this point of view, the possibility of using new teaching methods in vocational education is very important, as it corresponds with priorities concerned by the project.

Area of application: Innovative methods of training and education shall constitute an inspiration and a sample of i-Lab use in development of the quality of vocational education.

Homepage:

Product Languages:

Product 'Expanded network of i-lab users'

Title:	Expanded network of i-lab users
Product Type:	others
Marketing Text:	i-Lab user network is a voluntary organisation associating institutions that involve i-Lab moderators and users in their activities.
Description:	The project completion contributed to the increased number of users of innovation laboratories. They include mainly representatives of the partner institutions, but also persons who participated in sessions, participants of dissemination seminars and conferences summing up the project. Many of those persons expressed their great interest in an i-Lab, therefore the project partnership established the i-Lab fanpage on facebook.com. It shall constitute a place associating moderators, users, enthusiasts of an i-Lab, thus starting the establishment of an informal network, forum of mutual support and exchange of experience related to the use of innovation laboratories, as well as taking up initiatives related to development and dissemination of innovation laboratories.
Target group:	Representatives of institutions that have i-Lab, i-Lab session moderators, i-Lab users, their customers.
Result:	Establishment of the network of cooperation of the i-Lab users is significant for several aspects of the completed project: 1. Fanpage on one of the most popular social networking sites in the world shall perform a promotional function, disseminating the idea of the i-Lab and of the completed project. 2. The partnership was searching for solutions, which would enable the exchange of experience within the scope of use of innovation laboratories after the completed project. 3. A social character of that undertaking shall enable to create the fanpage content by all the project partners, thus contributing to a greater dynamics of its development. 4. The Facebook profile shall enable one to interact with potential i-Lab users, thus to create new areas of use of innovation laboratories.
Area of application:	Experience of other i-Lab users shall be an inspiration within the scope of defining new areas of use of acquired Innovation Laboratory.
Homepage:	
Product Languages:	

Product 'Project website'

Title:	Project website
Product Type:	website
Marketing Text:	The website was developed in national languages of the project partners (Polish, German, Romanian, Slovenian) and in English. The website contains information on the project, partnership implementing the project, project outcomes and information on i-Labs developed under the project. Through the whole period of the project, this website shall be developed and updated with current project information.
Description:	The website was developed in native languages of the project partners (Polish, German, Romanian, Slovenian) and in English. It contains the information concerning the project, the partnership executing it, planned project outcomes, as well as i-Labs developed under the project. The website operates under the domain http://www.ilab2.eu. In the course of the project, the website was extended by adding descriptions of the outcomes produced within the framework of the project.
Target group:	Representatives of the project partnership, vocational education teachers and students, potential i-Lab users.
Result:	The website constitutes an element of promotion and dissemination of the project outcomes. It presents the selected produced project outcomes.
Area of application:	Project website is applied at promotion and dissemination of the project outcomes.
Homepage:	http://www.ilab2.eu
Product Languages:	Slovenian Romanian Polish German English Greek

Product 'Local dissemination seminars'

Title:	Local dissemination seminars
Product Type:	others
Marketing Text:	Local dissemination seminars contribute to promotion of the i-Lab concept in a local community.
Description:	Dissemination seminars were organised by the partners that launched an i-Lab under the project: P1, P2, P4, P5. Seminars aimed at popularisation of the project's idea in local environments, i.a. among teachers of vocational education, universities, local enterprises, cooperating institutions. In the course of seminars, the idea and the genesis of innovation laboratories were demonstrated. In addition, its potential, capacity of use and areas of application were presented. A study visit in an innovation laboratory constituted a part of each seminar. It included a demonstrative session aiming at practical demonstration of the capacities and principles of work in an i-Lab. In total, 143 persons participated in seminars (42 in Poland UR, 28 in Slovenia, 32 in Romania, and 41 in Germany).
Target group:	VET teachers, trainers and VET institution managers, potential i-Lab users.
Result:	Organisation of seminars was significant with regard to the planned use and operation of innovation laboratories after the project completion. Representatives of institutions constituting potential i-Lab users participated in a seminar. Innovation laboratories cannot be accessible online, remotely. Their potential may be used only in a stationary way, so it is important to concentrate the promotional and information operations in the first period of operation of the laboratories on local institutions, for which the laboratory use shall not entail expensive and time-consuming travels.
Area of application:	Local dissemination seminars correspond with planned activities aiming at dissemination of the project outcomes.
Homepage:	
Product Languages:	Slovenian Polish Romanian German

Product 'Final conference'

Title: Final conference

Product Type: others

Marketing Text: This conference shall sum up the completed project and present its developed outcomes.

Description: The conference, constituting the project's summary, was organised on 3 December 2014 at the P4 partner (University of Rzeszów, Poland). In its course, the following elements were presented: idea and mission of innovation laboratories, capacity of their use in vocational education, and previous experience of the i-Lab operation in other EU countries. A part of the conference took place in three parallel groups, during which the participants took part in a demonstrative session presenting the i-Lab at the University of Rzeszów, workshops concerning development of creativity, a session presenting experience of partner institutions resulting from the implementation of innovation laboratories in the vocational education process. The conference participants included teachers of vocational education, representatives of universities and enterprises, employees of various faculties of the University of Rzeszów. The conference participants received the set of materials, including Innovation Laboratory – Guide to Good Practice and a project brochure (in Polish language version for representatives of Polish institutions, in English language version for foreign conference participants), stationery: pendrive, notebook with pen and marker with the Lifelong Learning Programme logotype and a logotype of the completed project, a conference bag with the Lifelong Learning Programme logotype and a name of the completed project.

Target group: Representatives of educational authorities, headmasters, and teachers

Result: Organisation of the conference contributed to promotion of the innovation laboratory's idea in a wider environment than the local dissemination seminars described above. The conference participants found out not only about the completed project experience, but also about the wide context of operation of innovation laboratories in Europe and experience related to their use not only within the scope of vocational education. The conference was significant in relation to dissemination. Some persons expressed their interest in further cooperation within the scope of use of innovation laboratories in various areas, as well as in use of the software itself, which is possible, though it is hard to talk about an innovation laboratory in such an event.

Area of application: Final conference constitutes an element of promotion and dissemination of the project outcomes.

Homepage:

Product Languages: Polish
English

Events

5th meeting in Dresden

Date	04.12.2014
Description	Purpose • Study visit in the Innovation Laboratory at the University of Rzeszów • Review and presentation of the works carried out from June to December 2014 • Discussion and division of tasks related to the preparation of a final report
Target audience	11 persons – representatives of six institutions – participated in the meeting.
Public	Closed event
Contact Information	kasia.skoczylas@itee.radom.pl
Time and place	04-12-2014, Poland, University of Rzeszów

Final conference

Date	03.12.2014
Description	In its course, the following elements were presented: idea and mission of innovation laboratories, capacity of their use in vocational education, and previous experience of the i-Lab operation in other EU countries. A part of the conference took place in three parallel groups, during which the participants took part in a demonstrative session presenting the i-Lab at the University of Rzeszów, workshops concerning development of creativity, a session presenting experience of partner institutions resulting from the implementation of innovation laboratories in the vocational education process.
Target audience	The conference participants included teachers of vocational education, representatives of universities and enterprises, employees of various faculties of the University of Rzeszów.
Public	Closed event
Contact Information	kasia.skoczylas@itee.radom.pl
Time and place	05-12-2014, Poland, University of Rzeszów

Events

4th meeting in Dresden

Date	05.06.2014
Description	Purpose • Study visit in German ilab, Dresden, Sachsische Bildungsgesellschaft fur Umweltschutz und Chemieberufe Dresden mbH. • Review the activities March-June • Interim Report – presentation the NA feedback, recommendations and improvements • Final Conference – preparing the draft Agenda, organizational issues • Next steps – Schedule for the next months
Target audience	10 people– representatives of the 5 partnership institution.
Public	Closed event
Contact Information	kasia.skoczylas@itee.radom.pl
Time and place	05-06-2014, Germany, Dresden, Sachsische Bildungsgesellschaft fur Umweltschutz und Chemieberufe Dresden mbH

3rd meeting in Ptuj

Date	11.03.2014
Description	Puropose • Study visit in the Innovation Laboratory in Šolski Center Ptuj • WP3 Setting up of innovation laboratories – review and progress • Presentation the financial feedback from Leonardo da Vinci National Agency – good points, recommendations, comments • Presentation the Interim Report – finances, comments, threats, recommendations • Implementation and coordination of the next tasks
Target audience	12 people – the representatives of all partner institution
Public	Closed event
Contact Information	kasia.skoczylas@itee.radom.pl
Time and place	11-03-2014, Šolski Center Ptuj, Slovenia

Events

2nd meeting in Galati

Date	26.09.2013
Description	Purpose of the meeting: • Review and presentation the actual Progress in each Work Pacages especially WP3 Setting up of innovation laboratories. • Feedback from financial reports – actual state, recommendations, remarks, threats • Presentation the feedback of the project's monitoring visit – feedback from the Polish National Agency of Leonardo da Vinci Programme – strengths, recommendations, remarks • Establish the next steps and activities in the project, schedule, work plan.
Target audience	14 participants – representatives of the project consortium institutions.
Public	Closed event
Contact Information	kasia.skoczylas.itee.radom.pl
Time and place	26.09.2013, Universitatea "Dunarea de Jos" in Galati, Romania

Training session on the use of VirtualBrainstorm (VBS) software

Date	25.09.2013
Description	Training within the scope of i-Lab session moderation and VBS software service was organised for representatives of the partner institutions. In total, 16 people participated in it (three people from Poland, three from Slovenia, two from Germany, one from Greece and seven from Romania). Training was conducted by facilitators from the Institute for Sustainable Technologies – PIB in Radom.
Target audience	Training within the scope of i-Lab session moderation and VBS software service was organised for representatives of the partner institutions. In total, 16 people participated in it (3 people from PL, 3 from SI, 2 from DE, 1 from EL, 7 from RO).
Public	Closed event
Contact Information	kasia.skoczylas@itee.radom.pl
Time and place	25.09.2013, Universitatea "Dunarea de Jos" in Galati, Romania

Events

Training session of the i-labs` facilitators

Date	24.09.2013
Description	Training within the scope of i-Lab session moderation and VBS software service was organised for representatives of the partner institutions. In total, 16 people participated in it (three people from Poland, three from Slovenia, two from Germany, one from Greece and seven from Romania). Training was conducted by facilitators from the Institute for Sustainable Technologies – PIB in Radom.
Target audience	Training within the scope of i-Lab session moderation and VBS software service was organised for representatives of the partner institutions. In total, 16 people participated in it (3 people from PL, 3 from SI, 2 from DE, 1 from EL, 7 from RO).
Public	Closed event
Contact Information	kasia.skoczylas@itee.radom.pl
Time and place	24.09.2013, Universitatea "Dunarea de Jos" in Galati, Romania

Kick off meeting in Radom

Date	26.02.2013
Description	Presentation the puropses and assumptions of the project in the following issues: - responsblilities of the each partner in the Work Packages - the financial rules - presenting the reporting templetes - the project realisation schedule
Target audience	15 participants (representatives of the partner institutions) were attended in the first project meeting. The list of participants is attached below.
Public	Closed event
Contact Information	kasia.skoczylas@itee.radom.pl
Time and place	26,27.02.2013, Institute for Sustainable Technologies – National Research Institute K. Puaskiego 6/10 Str., 26-600 Radom, POLAND