Project Tempus ECOMMIS

ECOMMIS
2012   2013   2014
Joint Project Curricula Reform

Two cycle E-Commerce curricula to serve Information Society in RU, UA and IL

Tempus   www.ecommis.eu

EU countries: 3 universities; spin-off enterprise

Partner countries: 9 universities, Alumni Association, Chambers of Commerce Samara region, Crimean branch of Union of Entrepreneurs, 3 Governmental

Consortium as a whole

- Vilnius Gediminas Technical Universiy **VGTU** (Vilnius, Lithuania)
- Technische Universität Berlin **TUB** (Berlin, Germany)
- Engineering Consulting and Management Office **ECM-Office** (Berlin, Germany)
- FONTYS University of Applied Sciences (Eindhoven, the Netherlands)
- National Mining University **NMU** (Dnepropetrovsk, Ukraine)
- Odessa State Economic University **OSEU** (Odessa, Ukraine)
- Taurida National University **TNU** (Simferopol, Crimea, Ukraine)
- Moscow State University of Economics, Statistics, Informatics **MESI** (Moscow, Russian Federation)
- Povolzhskiy State University for Telecommunication and Informatics **PSUTI** (Samara, Russian Federation)
- Siberian State University for Telecommunication and Informatics **SibSUTI** (Novosibirsk, Russian Federation)
- Technion - Israel Institute of Technology (Haifa, Israel)
- University of Haifa (Israel, Israel)
- Ruppin Academic Center (Israel, Israel)
- Ministry of Education and Science of Samara Region (Samara, Russian Federation)
- Ministry of Education and Science, Youth and Sports of Ukraine (Kyiv, Ukraine)
- Chamber of Commerce and Industry of Samara Region (Samara, Russian Federation)
- Crimean Republican Branch of the Ukrainian Union of Manufactures and Entrepreneurs (Simferopol, Crimea, Ukraine)
- Ministry of Industry, Trade and Labor of Israel
- Technion Alumni Association (Haifa, Israel)

Project Workplan

The First Year of the Project (Start Phase)

1. Review / analysis of the current curricula closely related to the field of "E-Commerce"

2. Upgrading the selected current curricula including ECTS.

3. Developing teaching materials for 4 new core curricula and 5 modules, and based on them, a set of curricula and modules. Developing three practice oriented business games.

4. Developing 4 additional training programmes for other social groups interested in "E-Commerce". This activity will not be completed during the first year, but continued in the second year.

5. Starting to develop, publish and purchase an interdisciplinary manual, handbooks and syllabi.

6. Arranging a set of documentation for PC pools and EBO, purchase / installing the equipment.

During the first year of the Project implementation (28-30 November 2011) the Kick-Off conference was held at the National Mining University at Dnipropetrovsk, Ukraine, where the following decisions were made:

- To approve for implementation the Project Workplan

- To approve instructions on the budget distribution and preparation of accounting documents for covering the costs incurred during implementation of Project activities.

- To approve the Board, responsible for the Project management, consisting of contact and key representatives from each organization - Consortium member.

- To prepare a list of indicators/questions for analysis of the status quo of the existing curricula in the field of Business Informatics/Applied Informatics, Economics/Economic Cybernetics (including preparation of the current curricula lists, identification of faculties and departments responsible for these curricula, fixing the date of accreditation, the number of students involved and employed staff, the balance between practical/theoretical / individual working hours, availability of technical equipment, licensed software, computers /production year/ obligatory or non obligatory placement) and set a schedule of the current curricula review and modernization.

- To prepare in due time, computer classrooms for new equipment and EBO, and demonstration of master classes by the academic staff from VGTU, TUB, Fontys. Standard layout of premises and basic requirements for them are to be presented to target universities before February 1, 2012. (Responsible – ECM office)Target universities will be informed about the equipment delivery time before 30 April 2012. (Responsible ECM Office).

The Second Year of the Project (Working out Phase)

1. Completion of upgrading of the selected current curricula including ECTS.

2. Accreditation of a set of curricula and modules on institutional level.

3. Completion of developing 4 additional training programmes for non academic social groups.

4. Completion of developing, publishing and purching the interdisciplinary manual, handbooks, syllabi.

5. Completion of purchasing/installing the equipment for PC pools and EBO.

6. Trainings: training academic teachers in new curricula, methodology / and additional training programmes. Tentatively: 3 or 4 retraining courses in 4 curricula (duration of each: two or three weeks) will be prepared, organized and held by VGTU

(Vilnius, LT), TUB (Berlin, DE), Fontys (Eindhoven, NL). One training course for teachers for non academic social groups (about 24 teachers, duration: 12 days in Ukraine). Administrative staff training for EBO will take place in TUB, prepared and arranged by ECM Office.

7. Master Classes: minimum 16 Master Classes on operation of new PC pools will be prepared and delivered in target universities.

During the second year of the Project (28-30 November 201) several conferences were held:

✓ **Coordination Conference at the Berlin Institute of Technology (02-04 April 2012), Berlin, Germany**, including:

- Presentations of reports on the implementation of the Project plan during the first 6 months (from October 2011 to April 2012) by Consortium partners;

- Arranging a study visit to the Innovation Centre Connected Living;

Conducting:

- A cross project training focused on the exchange of experience between representatives of "ECOMMIS" and "PROMENG" projects;

- A seminar on the methodology of ECTS calculation and application by the Lithuanian University and description of curricula;

- Presentation of reports within the framework of methodical session on the exchange of experience on the topic ‚The use of multidisciplinary research for the introduction of new training programs/modules and/or new methods of teaching in the field of E- Commerce‘;

- Publishing a compilation of reports.

✓ **Coordination Meeting at the University of Haifa (13 June 2012) in Haifa, Israel,** including:

- Presentation of reports by the Israeli partner Universities on the implementation of Project activities;
- Dissemination of the Consortium information and attraction of new members to ECOMMIS Plus

- Purchasing the equipment: a list of the required equipment and books/literature.
- Development/printing of your own studying material, e. g. books;
- Providing information on the trainings in European Universities. Setting a plan for trainings in 2013;
- Sharing experience of European universities on implementation of the ECTS system.
- Discussing administration issues: filling in the convention of staff and other reporting documents.

✓ **Regional Meeting at the Moscow State University of Economics, Statistics and Informatics (3 July 2012) in Moscow, Russia**

✓ **Project Meeting / Online Conference (2 December 2012)**

Due to the fact that the conference in Haifa scheduled on 19 – 20 November 2012 was cancelled, electronic conferences between the Consortium members were held, including:

- Presentation of brief reports;

- Presentations of the Consortium partners on implementation of the Project plan for the period October 2011 – November 2012.

✓ **Training at Fontys (8-19 April 2013) in Eindhoven, the Netherlands**

✓ **Trainings at the Vilnius Gediminas Technical University (26 June - 11 July 2013) in Vilnius, Lithuania**

✓ **Trainings at the Berlin Institute of Technology (15 - 29 July 2013) in Berlin, Germany**

The Last (Third) Year of the Project (Final Phase)

1. Accreditation of a set of curricula and modules on national level.

2. Pilot teaching /operation: teaching students in new curricula /modules. The courses offering new curricula / modules will involve approximately 30 students from each target university.

3. Continuing the Pilot operation of EBO/ international net, involving universities and stakeholders outside the Project. This activity is targeted to assure sustainable operation.

✓ ***Coordination Meeting at the Ruppin Academic Center*** **(23 April 2014) in Emek Hefer, Israel**

✓ **Coordination Meeting at the Moscow State University of Economics, Statistics and Informatics (26 - 27 May 2014) in Moscow, Russia**

The principal outcomes and outputs

- Upgraded current curricula 'E-Commerce' in accordance with recent advances in the target field
- 4 newly developed curricula (Fascinating Basic E-Commerce skills (for 15 year-old students at school); Intensify E-Commerce Skills (for working population); How to Survive in the Hard IT World (for retirees); Efficient Family Investor and Manager of Family Budget (for ladies));
  5 modules (Customer-oriented Systems (CRM); Internet Marketing; Electronic Systems of Document Turnover; Legal Issues for E-Commerce; Advanced Security for E-Commerce);
  3 business games (Online Trading; Electronic Systems of Document Turnover; Business Process Modeling).
- Retrained academic staff in new curricula methodologies/in additional training programmes
- Pilot teaching/operation
- E-Business Offices (EBO) and the International Education Net in the field of "E-Commerce" in operation.