**PUBLIC: Promotion of University-Business Collaboration on Central Asian Countries in ICT**

*Duration: 3 years.*

*Budget: about 450 000 Euro.*

**Wider objective** is to consolidate relations between employers and universities in central Asian countries and improving the quality of human resources.

**Specific Objectives of the project:**

The PUBLIC project highlights some of the most important aspects in developing successful university-business partnership:

* Reconsideration of Master curricula on ICT based on the joint work between representatives of education and business;
* Adapting of several syllabi within ICT Master specialty to the evolving needs of the labour market;
* To create information platform in order to facilitate the labour market research on the relevance of graduates and postgraduates competencies on ICT

The PUBLIC project concentrated on collaborative research between universities and external partners from industry, enterprises and regional authorities. An experience of EU universities on forming and development relations with employers will be analysed, and special Guidelines for CA countries (with translation into corresponding national languages) will be published. After wide discussion in all participants, National Methodology of academics and professionals joint work on adaptation of Master curricula and syllabi on ICT will be prepared and presented to the Ministries. Specialized subdivisions on collaboration with ICT companies (SCIC) will be opened on the base of universities for implementation of the Methodology. The SCIC centres will promote experience exchange within the countries, organizing joint conferences, etc.

At the national level it will be created the web platforms both for the involvement of new stakeholders to the project and for permanent research of the labour market needs and the corresponding adjustment of Master curricula on ICT. In this way implementation of PUBLIC project will help to increase an educational level of CA countries on ICT and to improve the quality of human resources.

WP 1. Deep analysis of “university-business” relations in EU and CA countries

WP 2. Guidelines on Cooperation programme for the Subdivisions on relations with employers

WP 3. Subdivisions on collaboration with ICT companies (SCIC)

WP 4. Development of CA ICT Competences Framework Portal

WP 5. Adjustment of Master courses on ICT to the labour market needs

WP 6. Reconsideration of curricula and syllabi for the relevant priorities

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Partners** | **Country** | **Type** |
| **P1** | **University of Patras** | **Greece** | **UNI / coordinator** |
| **P2** | Bath Spa University | United Kingdom | **UNI / EU** |
| **P3** | Link Campus University | Italy | **UNI / EU** |
| **P4** | Koblenz-Landau University | Germany | **UNI / EU** |
| **P5** | Stiching Network University | Netherlands | **UNI / EU** |
| **P6** | Tashkent State Technical University | Uzbekistan | **UNI / CA** |
| **P7** | Karshi State University | Uzbekistan | **UNI / CA** |
| **P8** | Association of Employers | Uzbekistan | **ASSOTIATION** |
| **P9** | Ministry of Education | Uzbekistan | **MINISTRY** |
| **P10** | Kyrgyz State Technical University | Kyrgyzstan | **UNI** |
| **P11** | BAFE | Kyrgyzstan | **UNI** |
| **P12** | Osh Technological University | Kyrgyzstan | **UNI** |
| **P13** | Bishkek Business Club | Kyrgyzstan | **ASSOTIATION** |
| **P14** | Ministry of Education | Kyrgyzstan | **MINISTRY** |
| **P15** | Khujand State University | Tajikistan | **UNI** |
| **P16** | Khorog State University | Tajikistan | **UNI** |
| **P17** | Tajik Pedagogical University | Tajikistan | **UNI** |
| **P18** | Sogd Broadcast Company | Tajikistan | **ASSOTIATION** |
| **P19** | Ministry of Education | Tajikistan | **MINISTRY** |
| **P20** | KIMEP | Kazakhstan | **UNI** |
| **P21** | Al-Farabi Kazakhstan National University | Kazakhstan | **UNI** |
| **P22** | Association of high-tech energy eff. & innovative companies | Kazakhstan | **ASSOTIATION** |
| **P23** | Academy of Pedagogy | Kazakhstan | **ASSOTIATION** |
| **P24** | Ministry of Education and Science | Kazakhstan | **MINISTRY** |

WP 1. Deep analysis of “university-business” relations in EU and CA countries

1. Establishment of an Academic Board on university-business relations evolvement
2. Regional stakeholders analysis
3. Criteria selection for the deep analysis of University-Business cooperation system
4. Questionnaires for entrepreneurs on the needed alumni competences
5. Deep analysis of the best “university-business” collaboration practices in EU

WP 2. Guidelines on Cooperation programme for the Subdivisions on relations with employers

1. Draft version of guidelines on “University-Business cooperation" on based on deep analysis and questionnaires
2. Workshop on guidelines with business representatives
3. Online conferences on each life stage of guidelines development
4. Final version of guidelines
5. Presentation of the new Cooperation Programme between universities and ICT companies in National Ministries

WP 3. National agencies on collaboration with ICT companies (UBNA)

1. National agencies on university-business relations in ICT establishment (UBNA)
2. Retraining of UBNAs' staff in EU for getting experience on UBC
3. Content management of the ICT Competences Framework Portal
4. Regional Network of UBNA

WP 4. Development of CA ICT Competences Framework Portal

1. Requirements documents for the ICT CF Portal
2. Lust of IT developers based on a requirements analysis
3. Detailed System Design document
4. Development of the new CF Portal and its’ integration
5. Testing Analysis Report
6. CFP manual and product documentation

WP 5. Adjustment of Master courses on ICT to the labour market needs

1. List of enrolled Master students and topics of Master theses assignment by supervisors from academic and entrepreneurial sides
2. Internship and externship of pilot groups
3. Presentations of achieved research results with attendance of National Ministries representatives
4. Report on needed improvement of educational programme by UBNA based on labour market research and presentations results

WP 6. Exploitation

1. Round table of Academic Board and stakeholders on an UBNAs advancement
2. National Job Fairs
3. Annual conference of Ministries with UBNAs representatives
4. Polling of Master students after presentations of achieved research results

WP 7. Dissemination

1. Project web-site
2. Promotion in mass-media
3. Publishing materials on project activities
4. Annual conferences
5. Recommendations on UBC improvement

WP 8. Quality plan

1. Quality control and monitoring
2. Quality Control Commission (QCC)
3. Internal semi-annual evaluation of the project
4. Analytical reports on UE relations changes
5. Annual experts' review

WP 9. Management

1. Management of the project
2. General and Local Project Management Group
3. Day-to-day management
4. Project documentation keeping and analysing
5. Quarterly reports on project progress and implementation of activities
6. Coordination meetings