

ERASMUS+ PROGRAMME

KEY ACTION2: CAPACITY BUILDING IN THE FIELD OF HIGHER EDUCATION (CBHE)

Title of the project: Engineering lifelong learning and education

Type of project: Joint project – national project

Type of activities: Strengthening of relations between higher education and the wider economic and social environment;

Lifelong learning, continuing education;

University-enterprise cooperation, employability of graduates;

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Partners from Montenegro: University of Montenegro (Faculty of Architecture and Faculty of Civil Engineering) – grant applicant, Engineers Chamber of Montenegro, Center for Vocational Education (Ministry of Education), Employment Agency of Montenegro.

Programme countries partners: Brno University of technology, University of Ljubljana

Project description: The goal of this project is to provide further vocational education through relevant institutions, according to market demands. The priority is vocational education of engineers, in line with economy trends highly rising development of technologies, materials, informatics etc. The goal is to enable young engineer's specializations which will follow modern trends.

As we, like initiators of this project, are focused on specifics of civil engineering and architecture, we propose educations from these areas:

- Design of sustainable and energy efficient objects,
- Design in BIM technologies,
- Management in civil engineering,
- Practical courses and organization of construction sites,
- Management in BIM technologies,
- ArchiCad and design of energy efficient objects,
- Softwares for project management,
- Sustainable and organic food production in technologically sustainable objects,
- Euro codes and design of objects,
- Estimation of real estate's values,
- Calculation and dynamic planning,
- Facility Management,
- Etc.

Representatives of University of Montenegro discussed with colleagues from Center for Vocational Education and Engineers Chamber of Montenegro and agreed this project is very interesting and the work on its development should be continued. Other engineering chambers could join and this short report is just a basis for further exploring.

Our proposal is that duration of education is one semester and after completion engineers would receive the certificate. Except vocational and permanent education, certificates will have the value in the Engineers Chamber of Montenegro, Center for Vocational Education, University of Montenegro and other subjects.

Our intention is to apply in the European project ERASMUS + in the Capacity Building in Higher Education. Deadline is 10. February 2015. and due the short term we have to be efficient. Maybe the best idea it so apply in the civil engineering and architecture on the national level, and on the next call we can apply in the other engineers professions. In this project, stakeholders will be University of Montenegro (Faculty of Architecture and Faculty of Civil Engineering), Engineers Chamber of Montenegro, Center for Vocational Education (Ministry of Education), a should think about involvement of Employment Agency of Montenegro.