



REAdy for BUSiness - REBUS

Integrating and validating practical entrepreneurship skills in engineering and ICT studies

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WELCOME TO THE SECOND REBUS PROJECT NEWSLETTER

We are happy to announce that the 2nd Rebus project Newsletter is now available!

In this issue, you will find all recent updates about our project **“REAdy for BUSiness – REBUS; Integrating and validating practical entrepreneurship skills in engineering and ICT studies”!**

This newsletter is issued at the end of the project’s first year. During the first year, the REBUS project partners have had many activities and results. On the next pages you can find more information regarding the project’s progress, the second steering committee meeting in Sarajevo, the main outcomes and project activities during second half of the first project’s year.

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REBUS PROJECT ON BUSINESS FORUM

IN SARAJEVO, CHAMBER OF COMMERCE OF
FEDERATION OF BOSNIA AND HERZEGOVINA



Chamber of Commerce of Federation of Bosnia and Herzegovina, on 12th of December 2017, organized business forum in Sarajevo, with focus on needed alignment of the B&H education system to the labour market, brain drain in the country, and public-private partnership opportunities. Forum was opened by the Prime Minister of FB&H, Mr. Fadil Novalić.

Special panel discussion on the education system adjustments introduced 5 panellists, coming from both education and business sector. Values of entrepreneurship skills development within the formal education system, including higher education, were emphasized by prof. Branko Vučijak, who also introduced main goals and objectives of the REBUS project which are fully in line with the forum discussions and conclusions.

“The higher educational system should be organized in such a way that in addition to training for specific occupations also more focus should be put on the competence framework and entrepreneurial competences - skills, knowledge and attitudes of students (for example Faculty of Mechanical Engineering and Faculty of Economics in Sarajevo).”

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LEADERSHIP AND ENTREPRENEURIAL COMPETENCIES

EVALUATED BY THE ACADEMIC COMMUNITY
(CONFERENCE PAPER)



On the 15th of September 2017., the team of SibSUTIS made a report at the Conference “Socio-economic and Academic Leadership for Sustainable Development of Business and Education in the Future” that took place in Prague.

SibSUTIS Professors Tatyana Monastyrskaya, Natalia Mikidenko and Svetlana Storozheva presented their paper “Leadership and Entrepreneurial Competencies Evaluated by the Academic Community”. The paper is focused on the analysis of entrepreneurship education problems and forming entrepreneurial competencies in Russian educational system, which was made within the framework of the project “REady for BUSiness”. The paper discusses that more and more attention is devoted to the development of entrepreneurship education, as well as entrepreneurial and leadership competencies of students, at Russian universities. Students’ and professors’ opinions, regarding the importance of certain leadership and entrepreneurial competencies, are also considered. Questionnaire method and document analysis were utilised in the exploration. Research results provided insight to the necessity of entrepreneurship education and effective methods of training. Comparison of the leadership and entrepreneurial competencies and differentiation of these, depending on their significance for the students, will enable one to make allowance for students’ educational needs when creating syllabi, as well as define the criteria of maturity of the competencies in a better way.

The paper will be published by Springer in May 2018. in the Business and Economy Series in English and indexed in the Web of Science Conference Proceedings Citation Index (Web of Science Core Collection).

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THE REBUS PROJECT WAS MONITORED IN GJILAN

The Director of Erasmus+ Office in Prishtina has done the monitoring visit to the Faculty of Computer Sciences of Public University "Kadri Zeka" in Gjilan on October 5 of 2017. The activities within REBUS project was presented by local Coordinator prof. asoc. dr. Xhevdet Thaqi. The visit covers the following elements:

The monitoring of the project implementation:

This part of the meeting assess the implementation and management strategy followed by the project team (Xhevdet Thaqi, Ekrem Halimi, Artan Dermaku, Dukagjin Leka and Arbenita Kosumi) in order to reach the project's objectives, and the progress made in the project's implementation in the University "Kadri Zeka" in Gjilan.



CBHE aims to promote voluntary convergence of HEI systems in the partner countries with EU policies and processes in higher education. Therefore special attention is paid to the European dimension of the project and how it addresses the Bologna action lines (European Credit Transfer System—ECTS, Diploma supplement, learning outcomes, three-cycle system, etc.).

The participation will include the key actors in the project team as well as stakeholders and/or target groups if relevant (in particular for projects involving student/staff mobility and training).

The addressed issues concern:

- The organisation of the project team within the partnership in terms of decision making bodies (composition, periodicity of meetings, coverage of the partnership agreement), distribution and monitoring of tasks (responsibility for the different work packages),

stability of the teams (changes as compared to key actors in the application), communication methods, etc. The involvement of all project team in implementing different work packages, and not only for what they are responsible for.

- Presentation of the activities carried out and results achieved as compared the original application in terms of timing (the original calendar been respected and if not, why and how will the delays be addressed), nature and quality of the outputs produced so far, involvement of the different stakeholders and target groups, etc. The methodology of project implementation that should be agreed on at either the kick-off meeting, or at a separate methodology workshop.
- Particular attention is given to the impact (visibility) of the project to the Students and academic staff of the Public University "Kadri Zeka" in Gjilan. Aspects related to the project, dissemination and sustainability strategy, and to the activities carried out so far in this respect (including a presentation of the project website) are addressed.

The project team prepared a folder with key documentation related to project management, including:

- Meeting agenda with the list of participants
- Copy of the Partnership agreement(s) signed within the partnership?
- Organogram of the project organisation with the identification of the responsible persons for what concerns the project management and the implementation of the different work packages;
- Minutes of the last coordination meetings.
- Copy of the most relevant pages of the project website and any other dissemination material/results (e.g. leaflet poster, brochure, media coverage, etc).

Special attention is paid to presenting the project activities and achievements to date in terms of the overall project.

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THE REBUS PROJECT WAS MONITORED IN NOVOSIBIRSK

In early November, 2017, our university received a notification that SibSUTIS will be visited by the Deputy Director of National Erasmus+ Office in Russia, Anna Muraveva. The purpose of such annual visits is to monitor the implementation of the REBUS project by the Siberian State University of Telecommunications and Information Sciences.



The project coordinators in SibSUTIS prepared a presentation in which the goals and objectives, concrete results and compliance with the schedule were presented. The web site of the project is required to contain up-to-date information, it must be updated regularly and reflect specific results.

Mrs. Muraveva was interested in the project management plan: how often the coordination council meets, what issues are discussed, how remote interaction is built, how the quality of the developed training programs is ensured.

The evaluator was especially interested in the equipment procurement procedure and in disseminating information about the project - on what resources, web sites, portals, the information about the project is placed.

SibSUTIS was greatly assisted by the European coordinator of the project - Branko Vucijak, who was constantly in touch with Novosibirsk and provided timely information to the evaluator.

During the monitoring of the project, the quality of its implementation and the full compliance with the schedule of work was highly appreciated at SibSUTIS.

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THE STATE OF ENTREPRENEURSHIP AND INNOVATIVENESS

IN MONTENEGRO (CONFERENCE PAPER)

This paper is focused on the results of research in the field of entrepreneurship and innovativeness in Montenegro, realized through REBUS project.



The international conference Quality Fest 2017 is organized by the University of East Sarajevo, Faculty of Mechanical Engineering. The conference was held on the Olympic mountain Jahorina, 26-28.10.2017. In the context of Quality Fest 2017 were organized six conferences:

- 1st National Conference on Quality of Bosnia and Herzegovina
- 1st International Conference for Quality Research (B&H)
- 44th National Conference on Quality of Serbia
- 11th International Quality Conference (Serbia)
- 21st SQM 2017 (Montenegro)
- 11th International Conference ICQME (Montenegro)

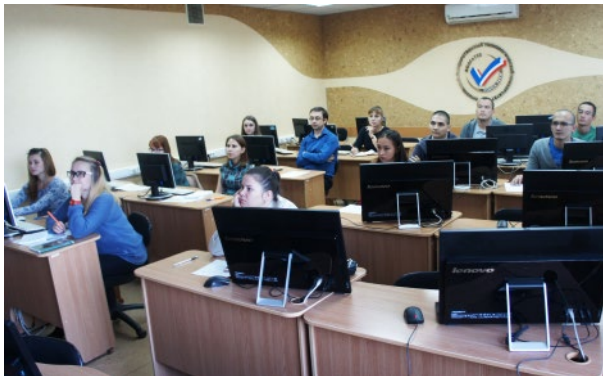
There were more than 80 participants, with 54 papers, from 11 different countries. Paper "THE STATE OF ENTREPRENEURSHIP AND INNOVATIVENESS IN MONTENEGRO" by the authors Jelena Jovanović, Zdravko Krivokapić, Sanja Peković and Aleksandar Vujović, from the University of Montenegro, was presented at the conference. The paper focused on the results of research in the field of entrepreneurship and innovativeness in Montenegro, realized through Erasmus + REBUS project. Through this paper the REBUS project was promoted to all participants at the Conference. The paper is also published in the Conference Proceedings.

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THE REBUS COMPETENCE-BASED ENTREPRENEURSHIP

LEARNING APPROACH AT MASTER STUDY IN VOLGA TECH

First 14 students were admitted to the international master program "International Cooperation in the Forestry and Nature Management" (in Russian) at the Institute of "Forestry and Nature Management" of Volga Tech. The curriculum of the program is designed to train students for the international relations and companies. The program is based on teaching methods for a comprehensive analysis of the development of international cooperation in the field of forestry and nature management.



Important element of their master study is going to be the REBUS Competence-based entrepreneurship learning approach:

Contribute to development of entrepreneurship learning activities, contribute to entrepreneurship competence inventory, reference systems and framework, as well as to creation of learning objects and modules.

The magistrates are citizens of the Russian Federation and the Republic of Uzbekistan. The master students will take training in the countries of the European Union, in the framework of REBUS, in a project oriented way, and after all, their acquired key competences will be validated, together with their supervisors.

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SOFTWARE AND HARDWARE (PC) PROCUREMENT

FOR REBUS PROJECT



Note: This procurement process is closed.

The University of Sarajevo (Faculty of Mechanical Engineering) has been carrying out the project: „REBUS (REady for BUSiness - Integrating and validating practical entrepreneurship skills in engineering and ICT studies)” in the framework of the ERASMUS+ programme.

For this project the University of Sarajevo was tendering total of 210 computers, 15 desktop and 15 notebook computers for each of the seven partners from Albania (2 universities), Bosnia and Herzegovina (2 universities), Kosovo (2 universities) and Montenegro (1 university). Each of these seven partners, will thus have a fully equipped laboratory with 15 desktop computers, for an open learning environment with validation software, and additionally 15 notebook computers with the same software environment, aimed to be used as mobile laboratory and more specifically for the project purposes of training of the most advanced students during their visits to partners from programme countries. Tender documents were published on 29.9.2017. with Announcement number: 3129-1-1-212-3-5/17 on the website www.ejn.gov.ba.

Both partners from Russia also purchase the equipment (15 desktop and 15 notebook computers for each of partners) but in a separate procedure.

The equipment for all nine partners should be delivered by the end of February next year.

For this project, University of Sarajevo, was also tendering 270 licenses (for nine partners from partner countries, 30 licenses for each), for an open learning environment which is multilingual and multifunctional and provides a seamless learning space consisting of an LMS, e-portfolio and connected validation software. The software will contribute to fully equipped laboratory for an open learning environment with validation software. Tender documents were published on 29.9.2017 with Announcement number: 3129-1-1-213-3-6/17 on the website www.ejn.gov.ba.

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EACEA INSTITUTIONAL VISIT TO UNIVERSITY OF MONTENEGRO

The European Commission and its Education, Audiovisual and Culture Executive Agency (EACEA) have developed a comprehensive field monitoring policy that places special emphasis on the sustainability of the projects and on dissemination and exploitation of the results. During the visit and monitoring, some of the Tempus and Erasmus projects were presented. The REBUS project was presented by Prof. Jelena Jovanović.

Programme of the visit included general introductory meeting with the university management (Rector, Vice-rector for International Relations, Vice-rector for Academic Affairs, etc.), administration and project coordinators. It also included meeting with university units deans, horizontal services involved in the internationalization activities of UoM (students Parliament, Library, Center for Information System), visit to IRO, QA office and Department of Finance, as well as meetings with students and other internal or external stakeholders.



SECOND STEERING COMMITTEE MEETING IN SARAJEVO

The second Steering Committee Meeting of REBUS project was held at the University of Sarajevo (Mechanical Engineering faculty), Sarajevo, Bosnia and Herzegovina on Jun 8 and 9, 2017. The Steering Committee Meeting was attended by representatives of the all 14 partners.



Registration of the participants of the Steering Committee Meeting was started at 9:00 am on the first day. The SC Meeting was opened by the Project manager, prof. dr. Branko Vučijak, at 9.30 am. After official opening and warm welcome to all participants prof. dr. Branko provided logistics information and presented Meeting agenda which is adopted.

Besides, during the first day of meeting the following activities took place:

- **WP 1 a:** Research and needs analysis, presentation of the results of the online survey
- **WP 1 b:** Research and needs analysis, presentation of the results of the partners' desk research based on the report related to:
 - o Entrepreneurial situation, incl. contact partners, business connection
 - o Entrepreneurial education in HE and other sectors
 - o Degree of innovative learning approaches incl. learning technologies
- **WP 1 b:** results of the partners' desk research cont.
- **WP 1 c:** Research and needs analysis: Presentation and Discussion of the desk research reports, presentation on interview template.

- Guidelines for finalizing drafted deliverables:
 - o D1.2 Five national Research reports (based on desk research and interviews)
 - o D1.3 Transnational research report (comprising national reports and online questionnaire)
- **WP 2:** Presentation of the learning and validation approach
- **WP 2:** Competence-based entrepreneurship learning approach incl. validation, adoption of D2.3 Entrepreneurship competence definition, incoming tasks
- **WP 2:** Competence-based entrepreneurship learning approach incl. validation, Guidelines for finalizing drafted deliverables D2.1 to D2.9

The working part of first day of the meeting ended at 6:00 pm. In the evening, the participants enjoyed joint dinner.

The second day of the second Steering Committee Meeting of REBUS project started at 9:30 am. During the second day of the meeting the following activities took place:

- Update on equipment procurement process, discussion and next steps
- **WP3:** Training and counselling of HE staff & **WP4:** Piloting, accreditation and certification, review on future activities and expectations from all partners
- **WP 6** Dissemination and exploitation, progress report and next tasks
- Final remarks
- Financial reporting obligations
- Q&A
- Conclusions, tasks & responsibilities, quality evaluation for the SC meeting

These activities were completed at 2:00 pm and the participants spent the rest of the day for joint shooting and team building activities.

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IN MEDIA: SECOND STEERING COMMITTEE MEETING IN SARAJEVO

The second Steering Committee Meeting of REBUS project was held on Jun 8 and 9, 2017 at the University of Sarajevo (Mechanical Engineering faculty), Bosnia and Herzegovina. The representatives of 14 partner institutions attended the meeting. Many of news portals, television channels and radio stations in Bosnia and Herzegovina reported about the Project and the Meeting:

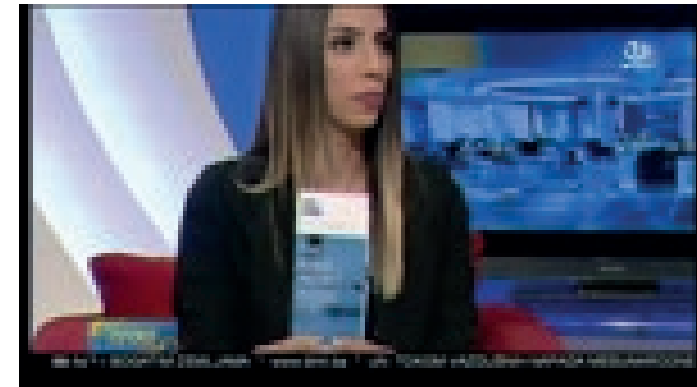
- Rebus Project in TV show on BHT1 (BHT1 is a Bosnian national public mainstream TV channel operated by Radio and Television of Bosnia and Herzegovina - BHRT)
- News about the Rebus project and the Meeting on TVSA portal (TVSA portal operated by Televizija Sarajevo)
- News about the Rebus project and the Meeting on Avaz portal (Avaz portal operated by Dnevni avaz - the largest newspaper in Bosnia and Herzegovina).
- News about the Rebus project and the Meeting on FENA.ba (Federal News Agency (FENA) was established by a regulation of the Government of the Federation of BiH in 2000 to supply news reports that hold significance for FBiH. FENA publishes around 250 news reports in official languages of BiH and in English language on a daily basis. FENA is convincingly the most cited source in media space of BiH).
 - News about the Rebus project and the Meeting on FENA.ba in English language.
 - News about the Rebus project and the Meeting on Narod.ba.
 - News about the Rebus project and the Meeting on business portal PoslovniSvijet.ba.
 - News about the Rebus project and the Meeting on students' portal studomat.ba.
- Rebus Project in TV show on AlfaTV (AlfaTV operated by Dnevni avaz - the largest newspaper in Bosnia and Herzegovina).
- News about the Rebus project and the Meeting on Faktor.ba.



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REBUS PROJECT WAS PRESENTED IN THE TV SHOW "JUTRO ZA SVE"

REBUS project was presented on the TV show "Jutro za sve" (eng. "Morning for everyone"), which was broadcasted on 15th of Jun, 2017 on BHT1 (BHT1 is a Bosnian national public mainstream TV channel operated by Radio and Television of Bosnia and Herzegovina - BHRT). The picture and video coverage are available below.



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REBUS PROJECT WAS PRESENTED IN THE TV SHOW "NEŠTO NOVO"

REBUS project was presented on the TV show "NEŠTO NOVO" (eng. "Something new"), which was broadcasted on 9th of Jun 2017 on Alfa TV (Alfa TV channel operated by Dnevni avaz - the largest newspaper in Bosnia and Herzegovina). The picture and video coverage are available below.



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THE EXCHANGE OF IDEAS AND EXPERIENCES: REBUS PROJECT AND QIMSEE PROJECT

From 22nd to 24th of May, 2017 the project Quality Improvement Of Master Programs in Sustainable Energy and Environment (QIMSEE) organized a final conference on Higher Education for Sustainable Development in Sarajevo. The project aims to contribute to educating a national work force at WBC that has adequate innovative qualifications in the energy sector by building sustainable capacity of higher education institutions, and the final conference was the opportunity to further explore ideas for improvement of the education system and bring together industry, education and public sector.



The first conference day was devoted to developing of future skills in higher education, what was a good opportunity to exchange ideas and experiences with the REBUS project. REBUS project coordinator Branko Vučijak had an introductory presentation named "**Building entrepreneurship skills in engineering studies**" and later he moderated the morning panel discussion. Many conference participants, coming from Norway, Bosnia and Herzegovina, Croatia, FYR of Macedonia, Montenegro and Serbia, took active role in the discussion, thus providing added value also to the REBUS project.

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