



Naziv radionice:

RAZVOJ ODRŽIVIH ENERGETSKIH INFRASTRUKTURA

Organizatori radionice su: Univerzitet u Istočnom Sarajevu, Mašinski fakultet, Univerzitet u Banjoj Luci, Mašinski fakultet, Savez Opština i Gradova Republike Srbije

PROGRAM RADIONICE SE REALIZUJE U ZAJEDNIČKOM IZVOĐENJU TEMPUS projekata SD TRAIN i ENERESE

„Training courses for public services in sustainable infrastructure development in Western Balkans“, broj projekta: 530530-TEMPUS-1-2012-1-SE-TEMPUS-JPHES.

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„Energy Efficiency, Renewable Energy Sources and Environmental Impacts“ – master study, “ENERESE“ broj projekta: TEMPUS PROJECT JPCR 530194-2012

Istočno Sarajevo, Jahorina, Hotel Bistrica 04.12.2014



AGENDA

11:00 – 11:30	Opening the workshop, welcoming address by the Dean of the Faculty of Mechanical Engineering in Eastern Sarajevo, About the project implementation SDTRAIN, Addressing representatives of the Association of Municipalities and Towns of the Republic of Srpska	Prof. dr Ranko Antunović (Dean of Faculty of Mechanical Engineering in Eastern Sarajevo), UES Prof. dr Petar Gvero coordinator of project SDTRAIN for BiH, UBL Predrag Pajić, Association of Municipalities and Towns of the Republic of Srpska Senior Ass. Vladimir Vujović, IT support, UES Prof. dr Đorđe Vojinović, UBL
11:30– 11:40 11:40– 11:55 11:55 – 12:10 12:10 – 12:25	Software support to development sustainable infrastructure for local communities in the Western Balkans http://www.sdtrain.rs.ba/ Practical application of back casting method of selection the scenario in the preparation of local development plans "Master study of energy efficiency in buildings at the University of Banja Luka," developed within the framework of ENERESE project. The curriculum in the field of energy efficiency and renewable energy sources at the SUNP in the light of modern demands of higher education	Prof. dr Petar Gvero, UBL prof. dr Ćemal Dolićanin, prof. dr Božidar Stanić, Bojan Kovačić, MSc, prof. dr Edin Dolićanin, State University of Novi Pazar MSc. Ranka Gojković, UES
12:25-12:35	Increasing energy efficiency by using waste heat in buildings by the heat pump, Master work of the project HERD	
12:35 – 13:00	Coffee break	
13:00 – 13:15	From data to the management	Aleksandra Stanivuković, Principal Energy Efficiency Expert - Energy Efficiency Project in Bosnia & Herzegovina Senior Ass. Srđan Vasković, UES Prof. dr Petar Gvero, UBL Doc. dr Vlado Medaković, UES Senior Ass. Msc. Davor Milić, UES Marko Ikić, MSc., UES Prof. dr Slobodan Lubura, UES Saša Prodanović, MSc., UES
13:15 – 13:25	Analysis of savings potential in replacing heating gas heated pellet (eg object Elementary School Sveti Sava Lukavica)	
13:25 – 13:40	The application of software tools HOMER in the design of hybrid power systems	

13:40 – 13:55	The main problems (barriers) in the use of renewable energy and sustainable energy infrastructure development in the local communities of the Republic of Srpska	Doc. dr Vlado Medaković, UES Senior Ass. Srđan Vasković, UES Prof. dr Ranko Antunović
13:55 – 14:10	The development of local communities using biomass	Senior Ass. Srđan Vasković, UES Zoran Radović, student, UES Doc. dr Vlado Medaković, UES
14:15	Round table: Open issues and opportunities for cooperation between the University and local communities towards sustainable development	

Minutes

From the Workshop "Development of sustainable energy infrastructures"

Date of workshop: 04.12.2014.

Place of meeting: Jahorina mountain (Eastern Sarajevo), Bosnia and Herzegovina.

SDTRAIN project is implemented within the TEMPUS program and aims to improve the capacity of public local actors in the Western Balkans, dealing with sustainable development, including local government. The project recognized the role of universities in the process of providing training services of these actors, who will continue after project completion. The program objective of the workshop is implemented in a joint performance of TEMPUS projects SDTRAIN (<http://www.webforum.com/sdtrain>) and ENERESE (<http://enerese.np.ac.rs/>):

„Training courses for public services in sustainable infrastructure development in Western Balkans“, No.: 530530-TEMPUS-1-2012-1-SE-TEMPUS-JPHES.

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„Energy Efficiency, Renewable Energy Sources and Environmental Impacts“ – master study, “ENERESE“, No.: TEMPUS PROJECT JPCR 530194-2012.

At the meeting in Jahorina is stressed the compatibility with ENERESE project, coordinated by the State University of Novi Pazar (SUNP), and that involves the Faculty of Mechanical Engineering in Banja Luka, that is a participant in the project SDTRAIN. The project ENERESE introduces the Masters program in the field of energy efficiency and renewable energy resources in the universities in WB region that are participants in the project. Professors and staff at the newly introduced objects can be successfully included in the training of local actors, as it is predicted by the project SDTRAIN or legal obligations in the field of energy efficiency and renewable energy in the countries of the region.

As part of the workshop on Jahorina after each presentation there was a constructive thematic discussion, and conclusions can be summarized as follows:

- Energy efficiency and renewable energy are one of the most important areas of sustainable development and have great potential for development in the countries of the Western Balkans.

- A special role and responsibility in improving the energy efficiency have the public sector and local government.
- The energy efficiency projects and renewable energy sources should use modern tools, such as software support SDTRAIN, HOMER software, backcasting methods, etc.
- Universities should follow modern trends in the field of sustainable development and to adapt their programs to new circumstances.
- Universities should play an important role in the education of experts who will address energy efficiency and renewable energy.
- Universities should cooperate with relevant state and local governments authorities in the implementation of training programs for local actors.
- Mutual cooperation between universities in the region and cooperation with European universities enable to exchange experiences and improve teaching- educational and scientific activities.
- TEMPUS projects SDTRAIN and ENERESE contribute to the overall efforts of societies and countries in the WB region in order to improve energy efficiency and wider use of renewable energy sources. They are mutually compatible according to its content and outcomes.

Note made by:

Bojan Kovačić, MSc

