



TAIEX Regional Workshop on Renewable Energy Sources

organised in co-operation with
Ministry of Civil Affairs of Bosnia and Herzegovina

Venue:

Hotel Park, Petog korpusa 3, 77000 Bihać, Bosnia and Herzegovina

15 – 16 November 2018

Beneficiaries:

Albania, Bosnia and Herzegovina, Kosovo*, Montenegro, the Former
Yugoslav Republic of Macedonia and Serbia

ETT65377

*this designation is without prejudice to positions on status, and is in line with UNSCR 1244/1999 and the ICJ Opinion on the Kosovo Declaration of Independence.

Aim of the workshop:

The aim of the workshop is to provide advice to the participants from the Western Balkan countries on activities regarding the trending application and research of renewable energy sources. Guidance in the field of solar thermal applications, wind energy, biomass and smart grids, with emphasis on energy storage technologies, economics and commercialisation in the field will also be provided.

Day 1: Thursday, 15 November 2018

Chair: Prof. Aljo **MUJIC**, University of Tuzla

09:30 – 10:00	Registration of participants
10:00 – 10:45	Welcome speeches Delegation of the European Union to Bosnia and Herzegovina Bosnia and Herzegovina Medical and Biological Engineering Society Ministry of Civil Affairs
10:45 – 11:30	Renewable Energy Sources: Photovoltaics, Solar Thermal Applications, Wind Energy and Biomass Mr. Dimitris Al. KATSAPRAKAKIS , Technological Educational Institute of Crete, Wind Energy and Power Plants Synthesis Laboratory, Department of Mechanical Engineering
11:30 – 12:00	<i>Coffee Break</i>
12:00 – 12:45	Energy storage technologies Mr. Jose A. AGUADO , University of Malaga, Electrical Engineering Department
12:45 – 13:45	<i>Lunch Break</i>
13:45 – 14:30	Electric vehicles in smart grid system Mr. Jose A. AGUADO , University of Malaga, Electrical Engineering Department
14:30 – 15:15	Biomass supply for bioenergy markets - General overview with technology roadmap, bioenergy markets, prices and technology readiness levels Ms. Biljana KULISIC , Energy Institute Hrvoje Požar, Department for Renewable Energy Sources, Energy Efficiency and Environmental Protection
15:15 – 15:45	<i>Coffee Break</i>
15:45 – 16:15	Biomass supply for bioenergy markets - continuation Ms. Biljana KULISIC , Energy Institute Hrvoje Požar, Department for Renewable Energy Sources, Energy Efficiency and Environmental Protection

16:15 - 17:00	Utilising agro-prunings for bioenergy - Biomass source specific to make aware that burning biomass on open field is lost income Ms. Biljana KULISIC , Energy Institute Hrvoje Požar, Department for Renewable Energy Sources, Energy Efficiency and Environmental Protection
17:00 – 17:30	Summary and Conclusions of Day 1
17:30	End of Day 1

Day 2: Friday, 16 November 2018

Chair: Prof. dr. Dusanka **BOSKOVIC**, University of Sarajevo

09:00 – 09:45	Farmers' positions in bio economy and energy markets - How can farmers participate in bio economy/bioenergy markets Ms. Biljana KULISIC , Energy Institute Hrvoje Požar, Department for Renewable Energy Sources, Energy Efficiency and Environmental Protection
09:45 – 10:30	Power System with Large Share of Renewable Energy Source and Role of Electric Vehicles in Increasing Power System Flexibility. Mr. Zeljko TOMSIC , Faculty of Electrical Engineering and Computing, Department of Energy and Power Systems
10:30 – 11:00	<i>Coffee Break</i>
11:00 – 11:45	Demand side management and flexibility services Mr. Dimitris Al. KATSAPRAKAKIS , Technological Educational Institute of Crete, Wind Energy and Power Plants Synthesis Laboratory, Department of Mechanical Engineering
11:45 – 12:45	Renewable energy economics and trends in renewable energy commercialization and investment Mr. Zeljko TOMSIC , Faculty of Electrical Engineering and Computing, Department of Energy and Power Systems
12:45 – 13:45	<i>Lunch Break</i>

13:45 – 14:30	<p>New CEN (European Organisation for Standardization) calculation methods within frame of Energy Performance of Buildings Directive (EPBD) for assessment of energy performance of buildings with focus on Nearly Zero-Energy Buildings (nZEB) employing renewables (solar, biomass)</p> <p>Mr. Damir DOVIC, University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture</p>
14:30 – 15:15	<p>New trends in solar hot water collector design with focus on more affordable polymer collectors</p> <p>Mr. Damir DOVIC, University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture</p>
15:15 – 15:45	<i>Coffee Break</i>
15:45 – 16:45	<p>The introduction of RES technologies for the social and economic development of local communities - The example of Greece; the potential of energy cooperatives; Success stories from Europe</p> <p>Mr. Dimitris Al. KATSAPRAKAKIS, Technological Educational Institute of Crete, Wind Energy and Power Plants Synthesis Laboratory, Department of Mechanical Engineering</p>
16:45 – 17:30	Summary of the workshop - Conclusions and Next Steps
17:30	End of the workshop

This meeting is being organised by the
Technical Assistance Information Exchange Instrument
of the European Commission

http://ec.europa.eu/neighbourhood-enlargement/tenders/taiox/index_en.htm



TAIEX on Twitter: [#EUTaiox](https://twitter.com/EUTaiox)
NEAR-TAIEX@ec.europa.eu; Telephone: +32-2-296 73 07