

STREAMLINING PROJECT DEVELOPMENT IN RENEWABLE ENERGY AND ENERGY EFFICIENCY

BOSNIA AND HERZEGOVINA

**Center for Energy Efficiency
Lena Bratic**

INTERNATIONAL OBLIGATIONS

- According to the EU legislation B&H is obliged to save 20% of energy and produce 20% from renewable energy sources by 2020 (EC, 2004)
- Energy Community Treaty 2005.
- Ratified Energy Charter
- Ratified UNFCCC in 2000 and Kyoto Protocol in 2007
- Due to the complex political structure BiH is facing many challenges in meeting set goals



B&H RES POTENTIAL

- Small hydro: 2,500 GWh
- Biomass: 50% covered by wood, ca. 1 mil cubic meters of wood residuals-waste
- Wind 600MW
- Geothermal: 33 MWt ca. 45 locations identified
- Solar: 2500 - 2700 sunny hours per year in southern part



PRESENT STATE IN EE AND RES

- Small amount of energy comes from renewable energy sources (around 5%)
- Two times more energy is spent per product unit than in EU countries which makes companies less competitive (energy is still considered a part of the production cost and is included in the price)
- Much more energy is used per square meter in the buildings (in average 200 kWh/m² annually)



CITIZENS FOR EUROPE INITIATIVE

- Civil society initiative (VESTA with 38 organizations)
- Supported by SIDA and the Office of the High Representative and EU Special Representative to BiH
- Bilateral consultations done with over 35 civil society organizations
- Document "Recommendations of the Civil Society for the faster EU Accession – Energy and Environment"
- Public debate organized
- Dialog with policy makers: May 24th Sarajevo



BOTTLENECKS FOR THE IMPLEMENTATION OF EE AND RES

INSTITUTIONAL FRAMEWORK, STRATEGIC PLANNING

STATISTICS

LEGISLATION: LAWS AND SUB LAWS

CAPACITY BUILDING AND PUBLIC AWARENESS



PROJECT IMPLEMENTATION GOOD PRACTICE

EBRD WESTERN BALKAN SUSTAINABLE ENERGY FINANCING FACILITY (WEBSEFF):

- 15 Mil EURs available for EE and RES projects for private companies
- Loans up to 2 mil EURs (free TA and incentive fee of 15-20% of the loan size)
- 20 projects financed and implemented in the course of 2 years
- More info at: www.webseff.com



WESTERN
BALKANS
FUND



PROJECT IMPLEMENTATION GOOD PRACTICE

- KfW: 71 MIL EUR WIND PARK PODVELEZJE, CREDIT LINE FACILITY
- FIRST SOLAR THERMAL POWER STATION:

ITM Controls
installed at a children's care centre in Mostar
power of 3.9 KW



PROJECT IMPLEMENTATION GOOD PRACTICE



PROJECT IMPLEMENTATION GOOD PRACTICE



THANK YOU!



CENTAR ZA ENERGETSKU EFIKASNOST
BJELASNICKA 15, 71000 SARAJEVO
BOSNA I HERCEGOVINA
Tel: +387 33 417 715, +387 61 977 809, E-mail: lena@rerc.net, sanja@rerc.net
Web: www.rerc.net

