



UNECE EE 21

16th Meeting of the Group of Experts on Energy Efficiency
Investments for Climate Change Mitigation,
Geneva, October 2010

“Financing Energy Efficiency Investments for Climate Change Mitigation”

Review of progress in implementation of grants by Bosnia and Herzegovina

Prepared by

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Ministry of Foreign Trade and Economic Relations of BiH

Geneva, 20 -22 October 2010



General information about the Project

- **Project Title:** Financing Energy Efficiency Investments for Climate Change Mitigation
- **MOU for grant No.:** ECE/GC/2008/030
- **National Participation Institution (NPI):** Ministry of Foreign Trade and Economic Relations of Bosnia and Herzegovina (MoFTER)
- **National Project Coordinator (NC):** Biljana Trivanovic, Head of the Department for Secondary Energy and Projects



National Participating Institution Assignments

- **National Project Website**
- **National Energy Policy Information for Regional Analysis**
- **National Case Study**



National Project Website

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MoFTER provided all necessary information needed for establishing a network of energy efficiency managers

<http://www.feei.info/database>

Web site sections filled by the NPI (on English and BiH) :

- Legal Regulation of the Energy Sector in BiH
- Profile of Bosnia and Herzegovina
- National Coordinator and NPI for BiH: contact details
- Bosnia and Herzegovina: Energy Overview
- Policy Reforms in Bosnia and Herzegovina



National Project Website

- In June 2010 MoFTER as NPI established online communication with EnEffect
- Main information about the UNECE FEEI project, as well as expected NPI's activities in the third year of the Project duration will be presented on the MoFTER's web page.
- The information will be available on:
http://www.mvteo.gov.ba/org_struktura/sektor_prirodn_i_resursi/odjel_sekundarna_energija/?id=1814



National Energy Policy Information for Regional Analysis

- Even before signing MoU, NPI filled in and delivered to UNECE requested questionnaire
- First assessment mission in BiH has been organized 21 -24 October 2008 when various meetings were organized in both entities in order to enable UNECE to access environment for implementation of the Project
- NPI was directly engaged in revision of UNECE's draft report of Investor Interest and Capacity building needs
- MoFTER established very close cooperation with Pöyry, and filled in Request for Information from NPI (February 2009)



National Energy Policy Information for Regional Analysis

- During the Pöyry's first visit 14-16 April 2009, NPI has organized numerous meetings with all relevant policy makers from the energy and environment sectors in BiH
- NPI revised Minutes of meetings prepared by Poyry
- The additional necessary information for preparation of regional analysis of policy reforms to promote EE&RES investments was provided by MoFTER
- NPI reviewed all draft versions of Regional Analysis of Policy Reforms to Promote EE&RES Investments



National Energy Policy Information for Regional Analysis

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- NC participated at Seminar on Policy reforms to promote energy efficiency and renewables investments in Geneva, 7 – 9 October 2009 and gave presentation regarding Bosnia and Herzegovina
- During the UNECE and Conning Asset Management Limited representatives visit in the period 21 – 24 June 2010, MoFTER has organized various meetings with all relevant policy makers in energy sector, as well as with international donors, IFIs and commercial banks
- NPI collected all projects proposals regarding EE and renewable energy that could be financed through fund

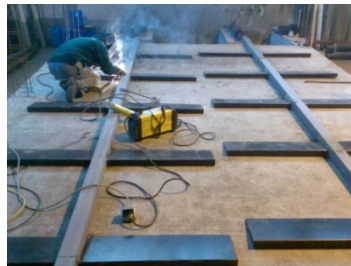




National Case Study

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District heating company	ESCO eco energija d.o.o Livno
Owner of DH company	Municipality of Livno & Dvokut pro d.o.o Sarajevo
Location	Livno, Herceg-Bosanski Canton, BiH





National Case Study

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Project ESCO Eco Energy Livno

Reasons:

- There is a potential for District Heating (DH) expansion in Livno
- By the end of 2009 the biggest part in heating of Livno had individual small furnaces and small power plants which run on fossil fuels. Big part of spent electrical energy in winter was used for heating



National Case Study

Main information about the Project:

- Project **was designed in 2007**, when all available documentation and state at the field have been examined and preliminary researches have been done
- All indicators pointed **on adequacy of entry in investment**
- Project is presented to municipal council which gave it full support
- Company ESCO Eco Energy has been established by the model of **private-public partnership** with 90% share of private capital



National Case Study

Technical description of the Project:

- In late 2009, completely automatic power plant was put in work with installed power of 2 MWth which supplies heat energy to the school, the kindergarten and housing objects.
- The network has been designed and partly performed so it can transmit energy in the first stage of 10 MWth and later 20 MWth and up to 40 MWth (20 kW wind and 26kW sun)
- Project envisaged new location for facility with cogeneration plant with power of 5 MWeI and 20 MWth exclusively on biomass
- Total length of main backbone line is up till 4 km





National Case Study

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Contribution to Community:

- Project has global effect in the way of CO2 emission reduction
- Direct positive effects on local community:
will get reliable and convenient heating energy source, new working places and will decrease gas emission
- Livno project is developed as example for future projects in Bosnia and Herzegovina as well in the Region with application in small and medium sized municipalities
- ESCO eco energija Livno has potential to become Energy and education center for renewable energy and energy efficiency for the Region



Conclusions on the progress of the project implementation

- Relevant institutions (including NPI) of Bosnia and Herzegovina have joined the Project with a delay
- Implementation of project in the initial phase took place quite slowly in BiH
- Today there is great interest in the project, both in ministries and in the private sector, NGOs and international donors, which could be seen both by the number of those present at the meetings and by the large number of submitted project proposals
- After finalizing a National Case study, BiH will fulfill all obligations undertaken by signing the MoU



Thank you for your attention!

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