




Role of NGOs in Promoting Energy Efficiency in BiH

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Who we are..

Center for Education and Raising Awareness of Energy Efficiency - ENERGIS

- **Our mission is to facilitate the transition to an energy efficient future in Bosnia and Herzegovina through education, advocacy and tangible community projects.**

www.energis.ba



Capacity Building for Renewable Energy Resources and Energy Efficiency in Southeast Europe



General Approach

- Project builds on a commonly felt need for modernizing the communal energy systems
- Focus on small and medium sized municipalities as they are neglected in international know-how transfer and investments
- Regional approach and the existing problems and solutions in the municipalities are comparable



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Main Expected Project Outputs

- **Communal Energy Concepts/ Strategies developed and communicated – Energy Roadmaps** -Municipalities enabled to produce a comprehensive planning for short, middle and long term actions and projects to modernize their energy systems
- **Feasibility studies for projects in energy efficiency and renewable energy sources prepared**
- **Access to financing sources for communal energy investment pilot projects achieved** -Municipalities enabled to produce bankable documents for projects of increased EE and URER in municipal facilities (transport, street lighting, public buildings, traffic etc.)
- **Experiences and lessons learnt regionally available and sustaining the modernization process**



Theory is fine but does it really work?



The metal processing company wants to lower the heating costs for 1,000 m² office space as a part of increase of overall efficiency of the plant. Plant has gas powered boiler for heating which is not in operation, and they were using electric heaters to heat the offices. Intervention includes placing of a heat-recovery system onto compressor unit and linking it to the modified boiler. Result of the intervention: complete elimination of all heating costs of office spaces and utilization of excessive heat produced by compressor unit.

"With changing weather and the state of our office building we faced extreme rise in electricity costs over 3,5 month heating season. In addition, we had a contractual obligation to our partner from Sweden that we utilize energy efficiency and renewable energy as much as possible. With this project we achieved both! Our heating system is used as a showcase for other companies in the country that have similar set-up"
Company CFO



Sector	Metal Processing (automotive)
Goals	Reduce heating costs of office spaces
Investments	<ul style="list-style-type: none"> Heat-recovery add-on to compressor unit Modification of existing gas burner
Energy Savings	285,500 kWh per annum (heating season lasts 3,5 months)
Financial Savings	<ul style="list-style-type: none"> Monthly savings of approximately 5.000 EUR
Other Benefits	Increased reliability from own energy supply
CO2 Reduction	212.6 CO ₂ e tons per annum

Strategy and Product Development



This assignment is directed at Technical Assistance for Strategy and Product Development. The bank is committed to Energy Efficiency lending and due to its retail loans in the area of construction and home improvement the bank has a good basis for the development of a strategy and products.

- Strategy and product development
- Strategy and product implementation preparation
- Strategy and product implementation
- Marketing
- Loan portfolio



Role for the OSCE

- Support development of strategic partnership with Aarhus Centers in BiH
- Large field presence provides access to local information
- Political assistance from OSCE is crucial



Thank you!

Energis – Initiating Energy Efficiency

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