

# UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT

## Enterprise Energy Efficiency (3E) Project

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Task Order # 12

## ***ENERGY EFFICIENCY FACT SHEET***

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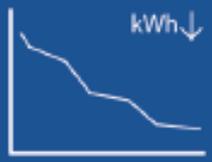
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## Ekonomija energetske efikasnosti - 3E Enterprise Energy Efficiency - 3E

3E



+KM +€  
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**ENERGY EFFICIENCY** in buildings includes a wide spectrum of activities which lead to increased efficiency of energy consumption (heating/cooling, electricity and water) within a building or facility. By implementing energy efficiency measures in buildings or facilities, people reduce unnecessary waste and overuse of energy. Thus, users of the building or facility achieve direct financial savings and improvement of the quality of living. Besides saving energy, energy efficiency measures will improve the living environment of the people who live or work in the building. Furthermore, energy efficiency measures reduce greenhouse gases, including CO<sub>2</sub>.

Considering the reduced need for primary energy, energy efficiency is like a new source of energy. The European Union emphasizes the importance of energy efficiency, and has introduced energy efficiency into the key energy goals of the European Union by 2020. These goals are 20% increase of energy efficiency, 20% increase usage of renewable energy sources and 20% decrease in carbon emissions.

The key areas where energy efficiency measures can be implemented are:

- Thermal insulation of buildings – insulation of building envelopes (walls, roofs and floors), windows, shutters;
- Heating;
- Cooling and ventilation;
- Preparation of hot water;
- Use of electricity in households – lighting systems that save energy, household electrical appliances, including refrigerators, washers and dryers, dishwashers, and small household appliances such as TVs, DVDs, stereos, computers, printers, microwaves, mixers, hair driers.

The possibilities of financial savings are significant; depending on the type of energy efficiency measures implemented, generally 20-30% can be saved with a small investment. It is possible to save between 5-10% just by using energy in a wise and rational way.

Once a consumer recovers the investment originally put into energy efficiency measures, that amount of money continues to accrue to the consumer.

[www.eee.ba](http://www.eee.ba)