



**projects with innovative
energy technologies and
supply options**

DESCRIPTION OF PROJECTS WITH INNOVATIVE ENERGY TECHNOLOGIES AND SUPPLY OPTIONS

ZagEE	
Purpose of the element	<p>Implementation of the ZagEE project (Zagreb – Energy efficient City) serves to achieve significant energy savings via economically justified, energy efficient technologies and measures in 87 public buildings. The energy refurbishment programme includes city administration buildings, primary and secondary schools, kindergartens, home for elderly and disabled persons, health care homes and local self-government buildings owned by the City of Zagreb, and the modernisation of 3,000 public lightings units through their replacement with LED lights and a control management system.</p>
Description of the element	<p>The project ZagEE – Zagreb Energy Efficient City supports the realization of energy savings through the implementation of economically justified, energy efficient technologies and measures on objects owned by the City of Zagreb.</p> <p>The project objectives are:</p> <ul style="list-style-type: none"> • to reduce total energy consumption of the city administration through increasing energy efficiency and using renewable energy sources on objects owned by the City of Zagreb; • to find and use financing models for energy efficiency applicable to the city administration; • to acquire knowledge and experience necessary for all participants of the energy refurbishment process through examples of energy efficiency implementation on a large number of objects of various purposes; • to influence positive changes in legislation, regulations etc and to influence the improvement of the existing financing instruments, based on experiences acquired through the implementation of the ZagEE project; • to educate the city administration employees in the implementation of large energy projects, • to educate the building managers on efficient use of objects; • to encourage experts to undertake additional education on specific skills in connection with energy refurbishment; • to influence positive changes in the economy; • to share the acquired skills and experiences and influence energy efficient development in other cities of the region and beyond; • to contribute to climate protection and sustainable development through a reduction of greenhouse gas emissions.



More info	http://zagee.hr/?lang=en
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E2STORMED	
Purpose of the element	Reduction of water use
Description of the element	The project E2STORMED is aiming to reduce use of potable water, hence, energy consumed by acquisition-frequently by pumping and treatment of drinking water, even higher where desalination is used and/or water is imported. Reducing storm water-inflow into sewer systems is also of importance, hence, energy consumed by treatment of wastewater and pumping of surface and foul water can be saved. The reduction of local temperatures and the shading of the building surfaces lessen the cooling and heating demand of buildings, reducing energy needs and decreasing emissions from power plants.
More info	http://www.eko.zagreb.hr/default.aspx?id=565

