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Energy efficient rehabilitation – improvement of buildings and energy supply infrastructure

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WP 4 Energy Supply











Item	Data	Trend
Number of Inhabitants	97,6 thousand people	→
Number of Buildings	6767	
One apartment living houses	3982	
Multi-apartment living houses	2217	
Hostels	51	→
Public Buildings	517	—
State owned housing stock	14,4 %	
Private housing stock	85,6 %	→
Buildings older than 55 years	31 %	\rightarrow
Buildings older than 10 years	39 %	
Buildings less than 20 years	30 %	







Major Challenges and Potentials of the Target Area regarding urban, social, economic and administrative structure

Challenges:

- Increasing the number of parking spaces.
- Increasing private and public management.
- Creation of sufficient number of public spaces.
- Creation of places for recreation and entertainment of the young.

Potentials:

- There are many lakes and forests not far from the Target Area
- Good transport connection of the Target Area with surrounding regions.
- Many possibilities for informing the population of the Target Area about important issues(Local TV channel, Two Local Newspapers)







Challenges and potentials regarding energy related issues

Challenges:

- Increasing involvement and participation of residents in EER.
- Heat insulation of housing stock.
- Installation of the systems of individual measurement of district heating system.
- Modernization of heat supply system.

Potentials:

- The State support of improvement of existing heat supply system.
- Many potentially fit places for solar panels installation (The roofs of the majority of multi-apartment living buildings are flat).
- Possibility of pressing the necessary measures on residents through administrative and legislative mechanisms.







Major Objectives and Measures of IUDC

- Energy Efficient Refurbishment of Housing Stock.
- Use of Local energy sources and other sources of renewable energy.
- Modernization of heating units in the district heat supply system.
- The use of economic measures for refurbishment.
- Replacement of pipes of heat supply system.
- -Enhancement of living conditions around the buildings
- Improvement of social Infrastructure



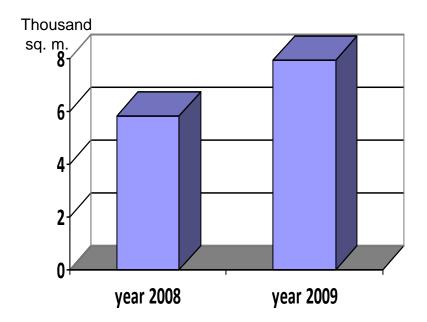




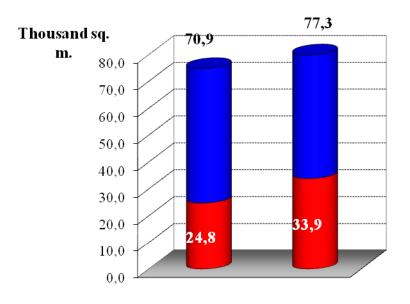
Process of Planning and Implementation

Republican Program of Energy Saving for 2006-2010
Resolution of the Council of Ministers from the 2-nd of February 2006 №137
About the Republican Program of Energy Saving for 2006-2010

The Amount of Major Refurbishment of Houses in LIda



Total area of houses after major refurbishmenta



■ Major Repairs

Including Heat Isolation









For Preparation of the sites of Festival «Dazhynki-2010« in Lida 66 250 000 EUR was spent

The preparation plan anticipated implementation of 220 measure of construction, repairs and modernization for buildings, engineering infrastructure, streets and roads, as well as the improvement of the territories

During the preparation for the "Dazhynki" festival a series of objects of social, cultural, sports and historic significance were reconstructed. 29 streets were reconstructed in accordance with the latest requirements, 280 thousand sq. m. of asphalt covering were replaced, Water supply nets were modernized. The fronts of 123 living and public buildings were modernized.

One of the most significant objects is ICE PALACE 1 mln. EUR was spent for the construction of ICE PALACE. Hockey field, dressing rooms, saunas, gyms and 1000 seats were built

The district house of Crafts and Folklore Traditions was opened.

The reconstruction of Lida Castle was started. The end of the Lida Castle Reconstruction is planned in 2012.



















Participation and Communication

- Seminars on the possibilities of energy efficiency.
- Meetings with the residents.
- Information work with the population through Mass Media (Newspapers, radio, TV).
- Assistance in organizing of public events.
- Detailed informing of residents about the possibilities of financing of Energy Efficient Refurbishment.
- Demonstration of the area of energy efficiency.

