



**Baltic Sea Region**  
Programme 2007-2013

Part-financed by the European Union  
(European Regional Development Fund  
and European Neighbourhood and  
Partnership Instrument)



# UrbEnergy project activities in Belarus

Project objectives and implementation plan

**Leonid Mastyugin**

***Grodno Oblast Executive Committee, Housing Department***

16 June 2009 – Kick-Off-Conference, Potsdam

# STATUS QUO

- *Energy efficiency is one of the main priority directions for state Belarusian policy. There are a lot of standard dwelling houses in Grodno Region of Belarus with a high energy consumption. Housing economy development Conception was elaborated where modernisation and rehabilitation for housing stock are planned. Energy efficient projects implementation in housing stock are necessary for improvement of the residential environment and energy consumption reducing.*
- *Grodno Oblast Executive Committee, Housing Department follows Housing economy development Conception which have common objectives and activities with UrbEnergy project.*

## Project within Urb.Energy – Content (1)

- *selection of a housing area in Grodno Region for the potential modernization (3 houses of different types were selected for refurbishment);*
- *German specialists support and Belorussian specialists participation for refurbishment documents elaboration for selected houses;*
- *Financial scheme study and elaboration for selected houses refurbishment with German specialists support;*
- *Start of refurbishment and financial plan implementation for selected houses refurbishment;*

# Selected houses for rehabilitation



*Brick house*



*panelling houses*



## **German support in:**

- *refurbishment cost calculation*
- *renovation variants elaboration with years dividing*
- *taking into account of town planning, economical, social, ecological and other features as well as a property economy*

# Project within Urb.Energy – Results

- *Perspective urban development principles for Grodno region based on elaborated Urban development concept by all project partners;*
- *Refurbishment plan and documents elaborated for selected houses with German specialists support;*
- *Instruments and financial sources for selected houses refurbishment with German specialists support;*
- *German experience application for other refurbishment projects;*
- *Video materials for public demonstration and refurbishment awareness increasing*

## Activities in WP3

- Searching and gaining of information regarding urban planning principles in Belarus Republic, analysis of existing materials;
- Elaboration of concept for integrated urban development in Grodno region with Belarussian institutes and specialists participation: gaining of basic dates and necessary information;
- input experience evaluation and elaboration of concept for integrated urban development with obtained from German specialist materials analysis
- Reflection of Belarussian urban development approaches in relation to EU experiences during WP 4 workshop in Grodno

*Outputs from Belarus can be used for common integrated urban development concept elaboration*

## Activities in WP4

- *Analysis on energy efficiency for selected buildings within urban development concept in Grodno region (with support of German experts);*
- *Renovation plan documentation elaboration;*
- *Start of refurbishment plan implementation.*

*Project activities regards to the aim of WP 4. Project activities contribute to the aim of WP 4 and EU goals of reduced energy waste and climate protection*



## Activities in WP5

- *Study on available financial mechanisms for energy efficient housing refurbishment in Grodno region (with German specialists support);*
- *Elaboration of financial scheme and business plan for renovation measures in the Belarusian housing stock;*
- *Realization of developed financial schemes and business plan for renovation measures in the Belorussian housing stock;*

*WP 5 activities in Belarus regards to projects WP 5 aims; outputs and refurbishment financial scheme maybe contribute to the project financial concept.*