



# Urb. Energy

Energy Efficient and Integrated Urban Development Action

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# Urb.Energy

## Transnational Cooperation Project



- Part-financed from Structural Funds (ERDF and ENPI) within the framework of the Baltic Sea Region Programme 2007-2013
- Duration: 2009 – 2012 / Budget: 3.8 Million Euro
- Lead Partner: German Association for Housing, Urban and Spatial Development (DV e.V.)
- Project Coordination: Housing Initiative for Eastern Europe (IWO e.V.)

# Partnership Structure

- Network of 15 Project partners – 7 municipalities, 2 ministries, 1 funding institution and 5 associations from the fields of housing and urban development
- Supported by 20 associated organisations – national and regional ministries, national funding institutions, associations from the housing and energy sector
- Partnership composition reflects the integrated, cross-sectoral and implementation-focussed approach of the project.

15 Partners  
from five EU member states



and from Belarus



# Project Background – General

- Ongoing and pressing need to improve the structural and thermal efficiency of the multi-family housing stock, especially in the new EU member states.
- Necessity to embed housing renovation actions into integrated concepts for the revaluation of urban quarters
- Increased EU support to reduce energy consumption in the residential sector, e.g.:
  - opening of Structural Funds
  - funding programmes in the 2007 – 2013 period (Intelligent Energy Europe, Interreg IV)
  - recast of the EPBD
  - EU Strategy for the Baltic Sea Region



# Project Background – Experiences made

- German experiences in energy efficient refurbishment (EER) of large housing estates and integrated urban development
- Transfer of Know-how: Experiences made in German-Latvian Cooperation projects
- Results of the BEEN Project:
  - Strategies and tools – technical, legal, institutional and financial – that promote EER in the Baltic Sea Region
  - Implementation of Best-Practice Projects
  - Policy paper with political recommendations
  - Results Manual



# Key Project Topics

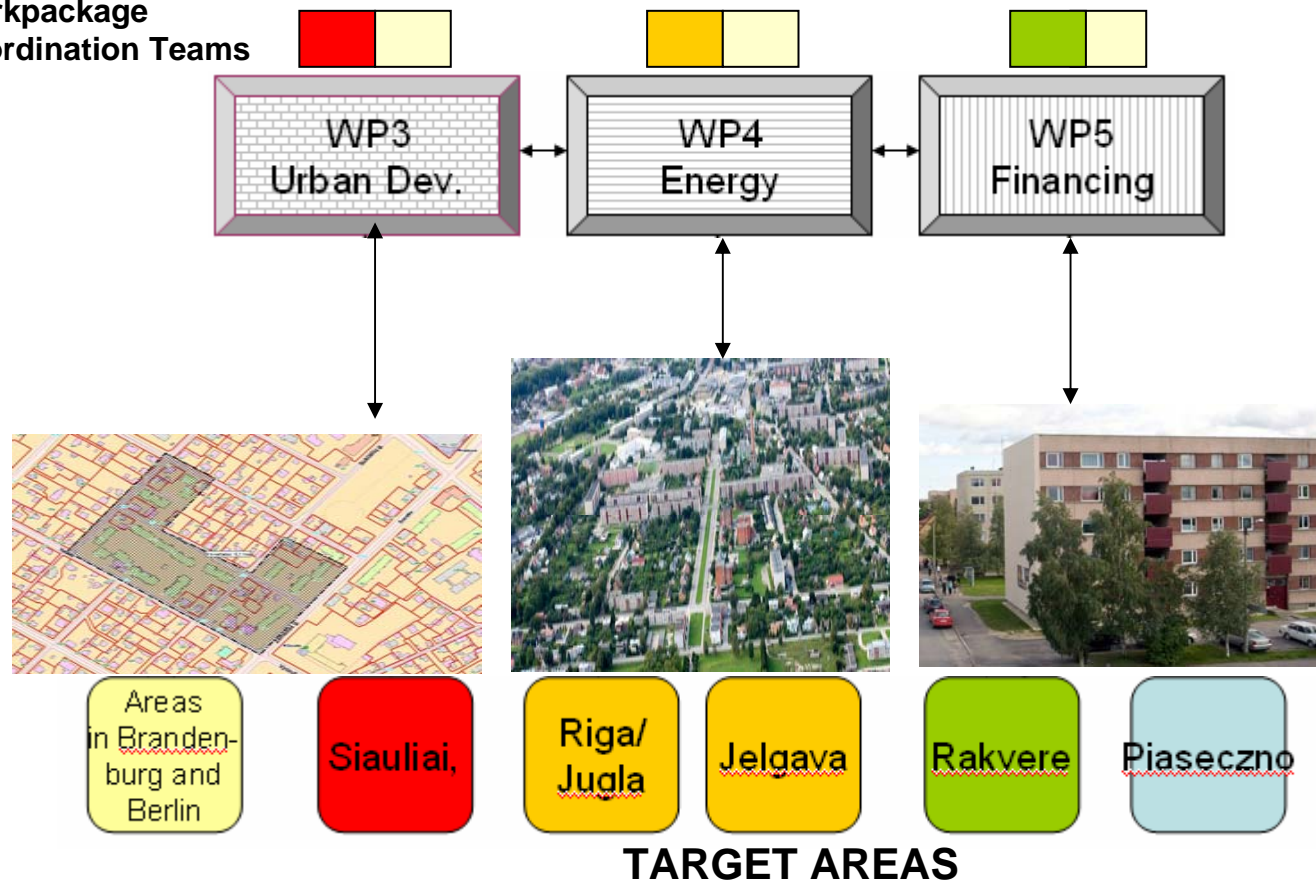
- Integrated Urban Development
  - increased energy performance of urban quarters
  - improvement of the residential environment
  - involvement of owners/residents
  
- Increased Energy Efficiency in Buildings and Supply Infrastructure
  - new conceptions for district heat energy supply
  - use of renewable energy
  
- Intelligent financing concepts
  - funding possibilities via structural funds





# Working Structure

Workpackage  
Coordination Teams



Estonia

Latvia

Lithuania

Poland

Germany

Belarus

# Activities

## WP3 – Integrated Urban Development

- Joint analysis of existing urban development approaches in the partner countries
- SWOT-analyses for the five target areas
- Involvement of residents and relevant social and economic stakeholders in the target areas
- Integrated urban development concepts for the target areas
- Analyses on realised integrated urban development concepts in Berlin and Brandenburg



# Activities

## WP4 – Energy Efficient Improvement of Buildings and Supply Infrastructure

- Analyses of energy efficiency in typical buildings and of the state of the energy supply infrastructure
- Concepts for EER of buildings and renewal of energy supply systems (incl. renewable energy) in urban residential areas.
- Surveys and evaluation of most suitable renewable energy resources and technologies for selected areas in Brandenburg.

# WP5 – Financial Instruments: Improved Affordability of Investments

- Identification and analysis of existing funding possibilities (national and e.g. EU structural funds)
- Description of appropriate financing schemes for energy efficient urban development measures based on the concepts for the target areas.
- Case study on the financing of energy efficient urban development measures in Berlin districts.
- Development of sustainable financing mechanisms for EER of buildings and integrated urban renewal.

# Planned Project Outputs

- Compendium on national framework conditions regarding urban planning
- Manual on integrated urban development approaches and implementation strategies
- Manual on strategies to optimise the energy efficiency in buildings and supply structure
- Guideline for innovative use of EU funds for measures in housing and deprived urban areas
- Integrated urban development concepts for the five target areas
- Strategy to increase energy efficiency in urban development projects in Brandenburg
- Analysis of realised integrated urban development concepts in Berlin

**More information on the project:**

**[www.urbenergy.eu](http://www.urbenergy.eu)**

**Thank you very much for your attention!**