



**Baltic Sea Region**  
Programme 2007-2013

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



# Energy Efficient and Integrated Urban Development Action

**Ineta Vintere**

Jelgava City Council

16 June 2009 – Kick-Off-Conference, Potsdam

# STATUS QUO (I)

- National planning documents in regard to energy policy:
  - Energy Development Conception for 2007-2013,
  - Guidelines of Energy Sector Development for 2007-2016,
  - National Energy Efficiency Action Plan for 2008-2010,
  - The Strategy for the Utilization of Renewable Energy Sources 2006-2013 etc.
- Main objectives of energy policy in Latvia:
  - **safety of energy supply (continuity and sufficiency),**
  - **preservation of environmental quality.**

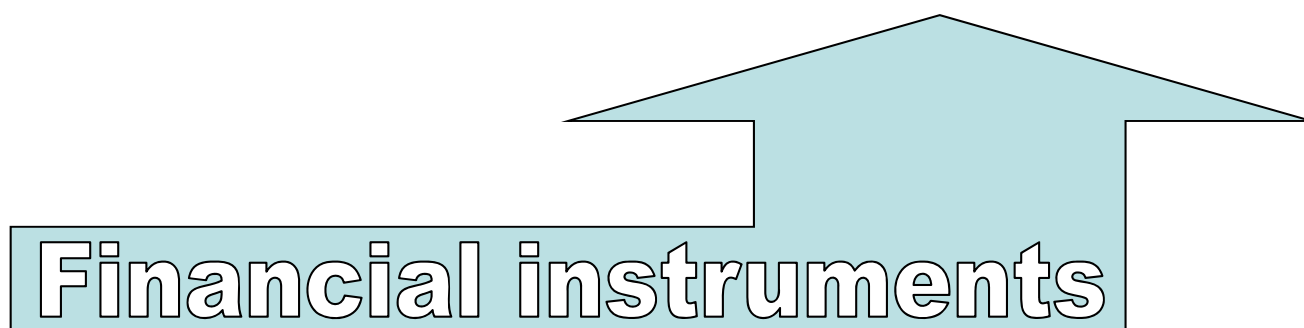
## STATUS QUO (II)

- Guidelines of Energy Sector Development for 2007-2016
  - To preserve and increase effective use of renewable energy resources and production of energy in the process of cogeneration,
  - To increase the average efficiency level of thermal energy production equipments from 68% till 80-90% until 2016,
  - To reduce the average loss of thermal energy in thermal energy distribution networks from 18% to 14% until 2016.
- Energy efficiency measures in residential sector
  - Zemgale Regional Energy Agency (2008),
  - The Covenant of Mayors (2009),
  - Investments in infrastructure.

# Project within Urb.Energy – Content (1)

- Urb.Energy activities in Jelgava –  
an instrument of management and coordination of energy efficiency by municipality to increase the energy efficiency of multi-apartment residential buildings in order to ensure an effective use of energy resources

## Project within Urb.Energy – Content (2)



# Project within Urb.Energy – Results

- Education seminar for residents of Jelgava (WP 2),
- 2 brochures as informative material (WP 2),
- Collected information on national framework conditions regarding urban planning principles (WP 3),
- SWOT-analyses of Jelgava (WP 3),
- Integrated urban development concept of Jelgava (Study of many-storey apartment blocks/ External expertise for technical inspection of 30 apartment buildings (WP3),
- Concept for EER of buildings and modernization of supply infrastructure in Jelgava (WP4),
- 3 Standard projects for improvement of energy efficiency in buildings (WP4),
- Financial instrument (WP 5).

## Activities in WP3

- Collection of information on framework conditions regarding urban planning principles in Latvia → **Manual on integrated urban development,**
- Elaboration of SWOT-analyses and Integrated urban development concept **based on architectural competitions for the improvement of public space** in Jelgava → **Integrated urban development concepts for the 5 target areas.**

## Activities in WP4

- Analyses of EE in typical building types and the state of the energy supply infrastructure, information of residents, elaboration of 3 standard technical projects for improvement of energy efficiency in buildings →  
**Manual on optimized approaches for district energy strategies and measures for EER of buildings,**
- Elaboration of EER concept in Jelgava →  
**Concepts for EER of buildings and modernization of the supply infrastructure for the 5 target areas.**

## Activities in WP5

- Description and analysis of existing funding sources on national level in Latvia →

**Report on financing source (part 1),**

- Development of financing schemes of the concepts developed in WP3 and WP4 →

**Report on appropriate financing schemes for energy efficient urban development measures based on concepts of the target areas**

# Thank you very much for your attention!