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# Riga City Council activities in Urb.Energy project

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# STATUS QUO

- **The existing policies:**
  - concerning urban public areas:
    - a general development plan of Riga 2006-2008.
  - concerning energy efficiency:
    - energy efficiency law on buildings (April 16, 2008);
    - law on management of residential buildings, (January 1, 2010)
- **The existing problems**
  - concerning urban public areas :
    - no specific normative acts or development plans for particular districts.
  - concerning energy efficiency:
    - two high energy consumption of multi-apartment buildings;
    - insufficient national financial support for building renovation;
    - lack of knowledge and interest of apartment owners.

# Project within Urb.Energy – Content (1)

- **Project Urb.Energy considers neighbourhood of Jugla:**
  - Area -14 km<sup>2</sup>;
  - Population – 27 250;
  - Population density – 1 900 res./km<sup>2</sup> ;
  - Energy consumption of buildings 211kWh/m<sup>2</sup>;
  - Energy supply system losses approximately 13% (other Jugla specific supply system parameters will be detected during the project).
- **Riga City Council participates in the project in form of:**
  - SIA “Pilsetbuvnieks” (management, WP4 coordination team, EER of buildings);
  - Riga Energy Agency (energy supply systems and financial schemes);
  - City Development Department (urban public area problems).

# Project within Urb.Energy – Content (2)

- Public area; unrefurbished and new project buildings of Jugla



# Project within Urb.Energy – Results

- **Outputs:**

- integrated urban development concept for Jugla including:
  - public area improvement plan,
  - concept for improved heating supply system;
  - concept for energy efficient renovation of buildings.

- **Targets to achieve:**

- increased building renovation rate in Riga (improved apartment owner knowledge and activity);
- clear political guidelines for urban public area improvements, and energy efficiency of building and energy supply system.

# Activities in WP3

- **Elaboration of concept:**

- Urban public area improvement plan for Jugla (Riga City Council, City Development Department)
  - *survey on the main public area problems of Jugla;*
  - *setting the goals to be achieved in Jugla;*
  - *development of urban public area improvement plan for Jugla.*

## Activities in WP4

- **Elaboration of concepts:**
  - Concept for improved heating supply system of Jugla (Riga City Council, Riga Energy Agency);
  - Concept for energy efficient renovation of the building stock of Jugla (Riga City Council, SIA “Plsetbuvnieks” in cooperation with building experts in Latvia).
- **Awareness activities:**
  - Organization of educational seminars and lectures about renovation and comfort level in apartments for apartment owner associations' leaders, accountants, building experts (external experts);
  - Development of an internet portal for on-line monitoring of indoor climate and consumption parameters of renovated and not renovated buildings in Latvia (external experts).

## Activities in WP5

- **Elaboration of concepts:**
  - Financial concept for urban public area improvements in Jugla (Riga City Council, City Development Department);
  - Financial concept for improved heating supply system of Jugla (Riga City Council, Riga Energy Agency);
  - Financial concept for energy efficient renovation of the building stock of Jugla (Riga City Council, SIA “Pilsetbuvnieks” in cooperation with building experts in Latvia).

Thank you!