

# RUŽOMBEROK SLOVAKIA

## Information about the municipality

**Location:** central Slovakia, westernmost part of the Sub-Tatras Basin  
**Altitude:** 496 m  
**Inhabitants:** 30,000  
**Expected development of the municipality:**  
 Expected increase of detached and multi-storey houses; planned refurbishment of 75% of the existing building stock until 2015.



## Miniproject title

# ENERGY CONCEPT OF THE CITY AS A GENERAL BINDING REGULATION

## SHORT DESCRIPTION

### 1. Project background & goal

Due to massive reconstruction of existing buildings, building up new residential areas and national legislation requirements, creation of a general legally binding regulation will ensure most energy efficient direction of such activities in the city. Construction of new or reconstruction of existing buildings will need to be in compliance with this regulation, which will be legally binding for all inhabitants and companies in the city. The regulating document will include three main parts:

- > Analysis of present status;
- > Description and application of best efficient technologies;
- > Direction of land use planning related to energy supply.

### 2. Main project aspect/topic

- > Setting most efficient general standards in terms of energy for construction companies planning to build/reconstruct residential areas or buildings, services and facilities;
- > Setting most efficient general standards in terms of energy for inhabitants consumption and energy supply in new or existing houses/apartments;
- > Zoning of the city and specification of power sources for areas in question;
- > Optimization of existing power sources (pulp mill) in the city, usage of existing technological power sources.

### 3. Main Energy Efficiency aspects

- > Energy saving in new and old buildings;
- > Most effective way of energy supply and energy consumption.

### 4. Miniproject activities

- > Assembling the experts team;
- > Collection and analysis of background data on current energy consumption and potential of the use of renewables in the city territory;
- > Draft energy concept preparation;
- > Conducting public consultation process; processing comments from inhabitants and municipal deputies;
- > Implementing comments into the draft document;
- > Acceptance of final document by the city council;
- > Implementing the regulation.

### 5. Main challenges

- > Compiling the necessary data for the analytical part of the energy concept;
- > Involving the public in the consultations about the energy concept.

### 6. Key actors and their role

- > State of Slovakia: Setting the scope of regulation via legislation;
- > Ružomberok municipality: Providing local specifications and technical data; project coordination.
- > Team of legal and technical experts: Creating concept of regulation related to technical and local matters; harmonization with national legal requirements;
- > Local stakeholders: inhabitants, municipal deputies consulted in the drafting process.

**Responsibility for implementation:** The regulation will be binding for the inhabitants, investors, companies, all building activities and the municipality itself.

### 7. Main steering instrument(s) used by municipality

- > National legislation,
- > General land use plan of the city.

### 8. Concrete miniproject results

As part of the general land use plan of the city, the regulation is binding for any person/organization performing construction work which may have influence to the energy consumption of the building(s) within the city area.

### 9. Added values/lessons for transfer and dissemination:

Information not available.

## AFTER INTENSE

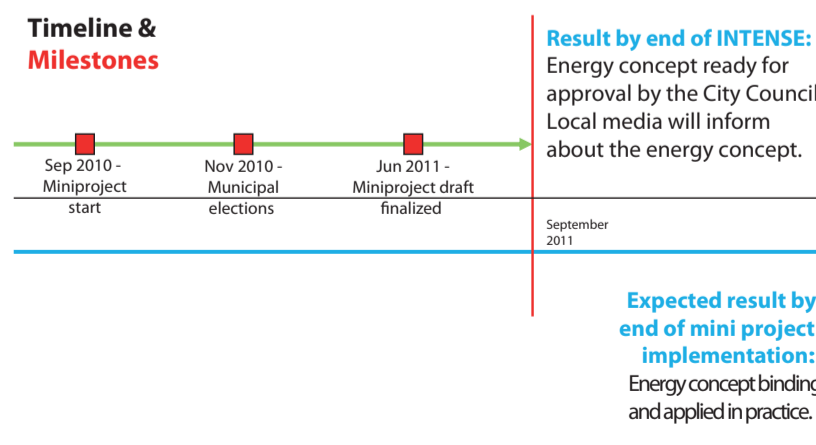
### 10. Financing plan

- > The costs will be covered from the budget of Ružomberok municipality in the first phase; later on through the energy savings achieved from implementing the regulation.

### 11. Expected result by end of the total project

- > Most effective usage of heat sources available;
- > Lower impact of building activities and operation of buildings to environment;
- > New environmentally friendly heating systems.

### Timeline & Milestones



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