

# VESZPRÉM HUNGARY

## Information about the municipality

**Location:** 110 km from Budapest, 15 km north of Lake Balaton  
**Altitude:** 47 m  
**Inhabitants:** 60,000  
**Expected development of the municipality:**  
 Municipality's policy is to attract new inhabitants interested in good living quality and reducing consumption of energy.



## Miniproject title

# ENERGY STRATEGY OF THE TOWN

## SHORT DESCRIPTION

### 1. Project background & goal

Based on the results of the citizen survey on energy-related behavior, Veszprém decided to develop a comprehensive energy strategy for the town, as a document which will guide all future energy-related activities of its institutions and inhabitants, thus contributing to climate change mitigation. All activities in the municipality were reviewed with special regard to emissions (water and heat supply, health care, education, social system, leisure activities ect.); also, Veszprém as a geographical area was assessed to be able to propose actions to reduce consumption of energy and the emissions caused by the households, industry, transport and trade. Special focus was put on improvement of the performance of the heating system of private building stock, as the biggest contributor to energy consumption.

### 2. Main project aspect/topic

- > Accounting and reporting on CO2 emissions
- > Analyses of reduction potentials
- > Analyses of consequences - CO2 results expected, investments, savings
- > Proposal for target and activities - Scenario analyses
- > Financing and action plans

### 3. Main Energy Efficiency aspects

- > Energy saving in buildings
- > Renewables as energy supply
- > Energy efficiency of central systems

### 4. Miniproject activities

- > Establishing a working group for elaboration of the strategy
- > Data collection and measuring of energy consumption and CO2 emissions
- > Analysis of data, drafting the strategy concept, discussing finance options
- > Public consultation to agree about vision & goals of energy strategy & action planning with manifold groups: action group, public debate, Energy Forums and Energy Councils; info days organised for other local governments
- > Decision on draft strategy
- > Scenario analysis; setting goals and tools
- > Developing sub-strategies, action plans
- > Dissemination of results; promotion of intelligent user behavior – saving campaigns among households, environmental awareness actions for citizens
- > Monitoring, reporting, collecting feedback and verification

### 5. Main challenges

- > Data collection on emissions and energy consumption, especially from companies
- > Involvement of the general public into the discussion on the strategy

### 6. Key actors and their role

- > Veszprém Community Services (VKSZ): Management of district heating; Incineration with energy recovery; waste prevention activities; public lighting system; experience, expertise, provision of data; campaigning

- > Pannon University (PU): Expertise, innovation technologies
- > Ökopolis Cluster Management Ltd.: Energy rationalization
- > ÖKORet Ltd.: Reporting on data, monitoring
- > NGOs, transport company, Chamber of Engineers

**Responsibility for implementation:** Local action group including members of internal municipal departments, and stakeholder representatives (community services, academia)

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

- > Energy efficiency indicators proposed in EU regulations (rate of primary energy consumption, rate of renewables, heat and energy performance of buildings, environmental impacts, etc.)

### 8. Concrete miniproject results

Final version of the energy strategy ready and approved by the City Assembly  
 Action group created in order to implement the Energy strategy  
 Energy strategy evolved into a comprehensive climate strategy, first of its kind in Hungary

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

Comprehensive approach to strategy planning, by involvement of all actors through intensive communication and consultation activities. Experience with Local Energy Forum (providing publicity and transparency to strategy making, includes all interest groups) and Local Energy Council (steering and advisory body supervising the technical work).

## AFTER INTENSE

### 10. Financing plan

- > Draft ideas for financing of project implementation: ERDF, bank loan

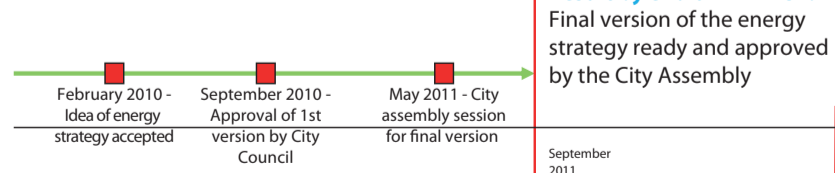
### 11. Expected result by end of the total project

- > Rehabilitation of public spaces
- > Refurbishment of multi storey houses
- > Development of the road system
- > Renovation of public buildings
- > Development of the touristic attractions and accessibility
- > Structural city plan adjusted to take climatic criteria into account that would be applied in the building permits.

### 12. CO<sub>2</sub> reduction potential of the project:

CO<sub>2</sub> emission will be reduced by 10% by energy rationalization overall, incl. all public building stock.

#### Timeline & Milestones



**Expected result by end of mini project implementation:**  
 25% CO<sub>2</sub> reduction by end of 2025.



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