

BEST PRACTICE IN SLOVENIA – ENERGY EFFICIENT CITIES

BASIC INFORMATION

Title of the Best Practice

Energy renovation of Swimming pool Velenje

Energy efficiency measures implemented in the building:

Swimming pool Velenje

- Energy management system (installation of a central control system for monitoring the energy use of the building and the main consumers)
- Thermal insulation of external walls, roof and ceiling
- Building furniture replacement
- Renovation of pool water heating
- Renovation of preparation hot sanitary water
- Indoor lighting renovation
- Installation of an ultra-filtration system for the preparation of pool water

Location:

City: Velenje

Region:

Country: Slovenia

GoogleMaps link:

Swimming pool Velenje

<https://www.google.com/maps/place/Bazen+Velenje/@46.358045,15.1170208,17z/data=!3m1!4b1!4m5!3m4!1s0x476566d16f91b04f:0x6da1399ff6c12183!8m2!3d46.358045!4d15.1192095>

Partners involved:

Public partners:

Republic of Slovenia, Ministry of Infrastructure, Langusova ulica 4, 1000 Ljubljana; gp.mzi@gov.si
Municipality of Velenje, Titov trg 1, 3320 Velenje; info@velenje.si;

Private partner:

RESALTA družba za upravljanje energetskih storitev d.o.o., Šlandrova ulica 4b, 1231 Ljubljana – Črnuče;
info.si@reaalta.com;

Implementation year: 2019

Photos:

Swimming pool Velenje



[Source: Municipality of Velenje]

SYSTEM CHARACTERISTICS

Brief Description :

Renovation of Velenje Pool is a project that represents a complete energy renovation of building in accordance with sectoral laws, guidelines and rules. The measures were select in the light of the current state of building and the potential energy savings.

Duration: April 2019 –October 2019

FINANCIAL SOURCES AND FINANCING DETAILS

Total investment value: 1.100.000,00 € (tax excluded)

Sources of financing:

Public partners:

Municipality of Velenje: 85.062,25 € (tax excluded) - own sources

RS, Ministry of infrastructure: 373.824,00 € (tax excluded) - European cohesion fund

Private partner:

RESALTA d.o.o.: 641.013,75 € (tax excluded)

Electricity savings: 189.421,02 kWh/year

Reducing CO₂ emissions: 50.745,00 t/year

PROJECT IMPLEMENTATION BENEFITS

Energy renovation of the Velenje Pool is an example of good practice of comprehensive energy renovation of publicly owned facilities implemented in the Municipality of Velenje. The financing method for renewal includes co-financing of the European Cohesion Fund and a public-private partnership. The project pursues the goal of efficient use of energy with reduction of heating, electricity and water costs. This good practice example can also be implement on other objects and other cities or regions.