

Pilot action 5



CROATIA

- **Kontinentalna Hrvatska**

Eco-friendly SPA management in region and guidance for sustainable use of local thermal and mineral groundwater resources



Coordinator of pilot action:
City of Križevci



Associated partner:
Toplice Sveti Martin d.d.

Background

In Međimurje County, water has a crucial role due to agricultural needs, but also due to the activities of the Sveti Martin thermal spa, which is well-known abroad. The motivation for the pilot action is the activities related to the exploration and exploitation of additional mineral resources, including geothermal resources, and the sustainable management of the water resources of the Sveti Martin thermal spa complex.

Main aim

To investigate the environmental impact of using and managing groundwater sources which are used (or will be used) in a different ways





TAKING COOPERATION FORWARD



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Main products

-  Multidimensional study on the circular way of using existing resources of thermal and mineral water with a view to depletion of groundwater
-  Report on results of the tool application for assessing the impacts and environmental capacity in Kontinentalna Hrvatska
-  Study (AP Terme Sveti Martin) on the effectiveness of the applied techniques for research and monitoring of natural resources and groundwater flow in the region in areas where boreholes are located
-  Management plan for sustainable use of thermal mineral water in the City of Krizevci

Indicators



-  **29** Involved institutions
-  **1** Regional ECO-SPA conference in Sveti Martin
-  **3** Main reports
-  **2** Institutions adopting project strategies and/or action plans
-  **2** Institutions applying project tools and services



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Step by step



Solutions for other SPAs

- Magnetotelluric research can be used in any country, regardless of the area where boreholes are (e.g. Natura2000 etc), because it has no impact on the environment and can give useful and accurate information and data

