

Elaboration of a project with preliminary design for directing part of Smiljanska River in Mantovo accumulation



Changing climate conditions have a direct impact on the condition of water sources over a long period of the time. The development of economic activities, infrastructure and habits of the population in this micro-region face many problems regarding the regular water-supply for drinking and irrigation. They depend on the season and daily water consumption.

This project will provide a solution for water-supply for drinking water, irrigation and provision of technical water for the economy and industry.



Short description of the project:

Competent:

Centre for development of the South-East planning region

Partners:

- Municipality of Konche, Radovish and Vasilevo
- Water-supply company Radovishko Pole

Duration:

October 2010 – January 2011

Financed by:

- Bureau for Regional Development
- Centre for development of the South-East planning region
- Municipality of Konche, Radovish and Vasilevo

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Objectives of this project

- Directing the water of Smiljanska River and construction of a pipeline over a length of 28.95 km to the reservoir dam Mantovo to increase the quantity of water for 7-8 million cubic meters
- Irrigation depending on the needs of crops planted in an area of 5200 ha of the municipality of Radovish, Konche and Vasilevo
- Providing quality water-supply of drinking water to residents of the municipality and surrounding municipality Radovish
- Provision of water for technical needs of the economy in the municipality Radovish
- Opportunities for using the capacities of the reservoir dam Mantovo to produce electricity
- Enabling conditions for tourism development at the artificial lake Mantovo and the micro-region
- Enhancing biological balance between flora and fauna
- Improving the living conditions of the population

Results of the project

- Carried out geodetic measurements of the alignment
- Carried out geological surveys of the route
- Elaborated project
- Performed revision of the main project for Directing the water of Smiljanska River in Mantovo accumulation

