

The capital of Tajikistan, Dushanbe, has been facing with reduction of water for years. The city is supplied with water from two river water intakes (projected capacity 3.5 m3/s) and 130 wells with a total capacity of 5.6 m3/s. The total capacity of all 9.1 m3/s springs is three times bigger than required for a proper supply of a population of 1.2 million inhabitants which are currently living in Dushanbe, which is a clear indication that the NRW amount is extremely high.

The World Bank approved $35 million loan for the reconstruction of the system managed by the state-owned company "Vodokanal", and $ 2.8 million for the NRW analysis project in the water supply system of Dushanbe. Within this project, it is envisaged to execute and define:

- System zoning and establishment of District metered areas,
- Establishment of the quality control of water delivered in the project area, especially in terms of blur;
- Water Balance Analysis calculation using bottom-up approach,
- Determinations the possibility of achieving a high reduction in NRW, with particular attention to defining pipelines and system elements that need to be replaced or reconstructed,

- Improvement of the commercial management of the water supply system;
- Definition of mechanisms for monitoring and evaluating work and maintenance.
- The planned start of the project is in November of this year.