



GEORGIA

TA FOR THE FEASIBILITY STUDY AND DESIGN FOR WATER INVESTMENTS IN 6 TOWNS



Client United Water Supply Company of Georgia (UWSCG)

Financing European Investment Bank (EIB)

Duration of Services 11/2012 - 05/2015

Value of Services 1 668 497 Euro

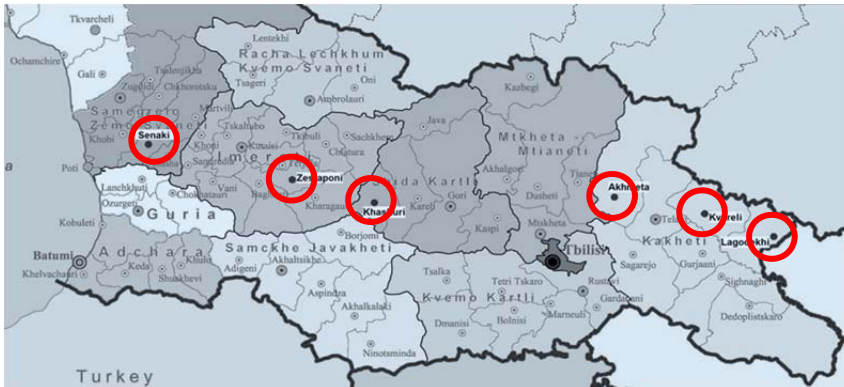
Scope of Services

For each of the six towns the following documents need to be prepared:

- Field investigations, flow measurements and water and wastewater quality analyses
- Long term forecast (20 years) of population development, water demand and wastewater generation for each town
- Feasibility studies including water supply, wastewater collection and treatment
- A procurement plan for implementation
- Selection of priority investment options for upgrading water supply and wastewater collection and disposal facilities
- Detailed design documents of water supply and sewerage facilities, water and wastewater networks, transmission mains and sewage collectors suitable for construction under FIDIC 1999 Red Book
- Conceptual design documents for water and wastewater treatment plants suitable for construction under FIDIC 1999 Yellow Book
- Tender dossiers for works contracts under FIDIC 1999 Red Book and FIDIC 1999 Yellow Book for implementation of corresponding designs prepared under the contract
- Establishing a programme for fellowships and internships and monitoring of its execution

Brief Project Description

Following decades of underinvestment, conflict and political turmoil, much of Georgia's infrastructure is in urgent need of upgrading and rehabilitation. Most urban water supply systems are more than 40 years old. Most of the pumps and equipment are at the end of their usable life. None of the biological wastewater treatment plants are in operation. Many cities discharge raw sewage into nearby and surrounding water bodies, while residents in several secondary cities and towns use pit latrines and septic tanks, raising a serious public health issue. The quality and coverage of water supply are thus of serious concern in all cities in Georgia. Rehabilitation and improvement of water supply and wastewater collection and treatment are hence urgently required.



The overall objective of the Technical Assistance operation was to support the United Water Supply Company of Georgia to implement the water sector investment schemes and improve the performance of the water supply and wastewater infrastructure assets within Georgia.

The identified investments resulting from the Feasibility Studies require a total investment of approx. 95 million EUR for improvement measures in the water supply sector and approx. 100 million EUR for wastewater collection and treatment facilities. The beneficiary population in the six towns (as of 2033) is 119,250 inhabitants.

Design and Tender documents have been prepared for priority measures with a total investment volume of approximately 11.3 million EUR.

The second component of the project was to improve the institutional capacity of the United Water Supply Company of Georgia through a fellowship and paid internship programmes in the key fields of water supply and wastewater operations, water service management and administration as well as specific technical and project management topics, including procurement.



Kvareli Nakhechiskhevi Pipe Bridge



Senaki Pumping Station

Based on an organisational survey and capacity development needs assessment of UWSCG the following activities were undertaken.

- Appraisal of educational programme for University courses and short-courses/distance learning courses, facilitating contacts for identification of internships, selection of candidates
- Identification and implementation of 28 trainings for 55 staff members of UWSCG with a total training budget of 254.000 EUR