



# WATER MANAGEMENT IN THE SOUTH CAUCASUS

## *Prefeasibility evaluation of water, wastewater, and solid waste of Stepanavan town*

**Country.** Republic of Armenia  
**Client.** USAID, DAI  
**Period.** April - September, 2003

### Terms of Reference

1. Description of the current situation of water supply, wastewater and solid waste removal systems.
2. Identification of the problems existing in the systems.
3. Identification of population's attitude to the services.
4. Proposing the systems' improvement projects, bill of quantities and cost estimates.



### ***Brief description of project and services provided***

- ✓ An evaluation of the engineering systems and the operation and maintenance services in each sector was conducted. The present condition was indicated and the requirements and drawbacks were identified.
- ✓ Based on the studies and analysis of the results the problems were defined, solution of which is essential for development and proper activity of the mentioned three systems.
- ✓ As a result of studies and discussions proposals for rehabilitation, reconstruction and development of the systems were proposed. Based on feasibility substantiation, the most efficient options were identified.
- ✓ Comprehensive calculations of the selected alternatives were completed with engineering-technical indicators, bill of quantities and costs estimates for the recommended investments for the selected proposals were carried out.
- ✓ Steps of complex development of the mentioned three sectors with corresponding actions and time and cost values were worked out.
- ✓ Related to the issues on Stepanavan's master plan development, public awareness raising and identifying public opinion (inquiry conduction) on the activities of water supply, wastewater and waste removal services was carried out.



### **Project objective**

Develop substantiated proposals for rehabilitation, reconstruction and development of the water, wastewater, and solid waste systems of Stepanavan town.