



ROMANIA

TECHNICAL ASSISTANCE FOR PROJECT PREPARATION IN THE WASTEWATER AND DRINKING WATER SECTOR (5 counties - Teleorman, Giurgiu, Brasov, Tulcea and Calarasi)



Client	Ministry of Public Finance Bucharest, Romania	Scope of Services
Financing	EU-ISPA	<ul style="list-style-type: none"> • Technical assistance • Overall project management and coordination of all stakeholders on national, regional and local level • Masterplans (submitted and approved 10/2006) • Feasibility studies • Preparation of 5 industrial wastewater assessment studies • Preparation of 5 sludge disposal strategies • Preparation of EIA incl. socio-economic impact assessment, institutional analysis and economic and financial analysis for all technical feasibility studies • Preparation of EU-Cohesion Fund applications • Preparation of detailed design and tender documents (FIDIC Red Book for networks, FIDIC Yellow Book for WWTPs, WTPs and PS) • Support in procurement and tendering (National Procurement Law) • Training of beneficiaries in FIDIC contract administration, project cycle management, operation arrangements (completed)
Duration of Services	03/2006 - 03/2010	
Cost of Implementation	400 000 000 Euro	
Cost of Services	5 000 000 Euro	

Brief Project Description

The Key Objective of the Project is to assist the 5 counties Teleorman, Giurgiu, Brasov, Tulcea and Calarasi and corresponding water and wastewater operators in the preparation of projects for investment in water and wastewater infrastructure within their respective territory aiming in the improvement of the environmental conditions in the project area in full compliance with the EU Standards.

The 5 Masterplans cover a population of 1,458,300 inhabitants and consider an investment volume of 2.1 billion EUR in the wastewater sector and 1.1 billion EUR in the water sector as necessary.

Based on the Masterplans 24 Feasibility Studies were prepared with investments in all 5 counties covering a budget of 500 MEUR.

Detailed Design and Tender Dossiers for works contracts were prepared: 28 sets acc. to FIDIC Yellow (263 MEUR) and 21 sets acc. to FIDIC Red (211 MEUR). Further 10 Tender Documents for service contracts were established.

Teleorman:

Drinking Water Sector:

- 159 Groundwater Wells
- 49 km Transmission Mains
- 51 km Distribution Mains
- 6 Water Reservoirs
- 7 Treatment Plants
- 7 Pumping Stations
- 12 Booster Stations



Wastewater Sector:

- 28 km WW Collection System
- 6 Pumping Stations
- 4 Waste Water Treatment Plants
(1 = 75,000 PE,
3 < 50,000 PE)

Giurgiu:

Drinking Water Sector:

- 41 Groundwater Wells
- 9 km Transmission Mains
- 84 km Distribution Mains
- 6 Water Reservoirs
- 3 Treatment Plants
- 4 Pumping Stations



Wastewater Sector:

- 139 km WW Collection System
- 10 Pumping Stations
- 3 Waste Water Treatment Plants
(1 = 82,000 PE,
2 < 50,000 PE)

Brasov:

Drinking Water Sector:

- 50 km Transmission Mains
- 161 km Distribution Mains
- 5 Water Reservoirs
- 3 Treatment Plants
- 2 Pumping Stations
- 2 Booster Stations
- Installation of SCADA-Systems



Wastewater Sector:

- 178 km WW Collection System
- 10 Pumping Stations
- 5 Waste Water Treatment Plants
(1 WWTP = 500,000 PE,
1 WWTP = 142,000 ,
3 < 50,000 PE)

Tulcea:

Drinking Water Sector:

- 9 Groundwater Wells
- 20 km Transmission Mains
- 96 km Distribution Mains
- 4 Water Reservoirs
- 2 Treatment Plants
- 1 Pumping Stations
- 3 Installation of SCADA-Systems



Wastewater Sector:

- 111 km WW Collection System
- 12 Pumping Stations
- 3 Waste Water Treatment Plants
(1 WWTP = 100,000 PE,
2 WWTPs < 50,000 PE)

Calarasi:

Drinking Water Sector:

- 36 Groundwater Wells
- 22 km Transmission Mains
- 57 km Distribution Mains
- 7 Water Reservoirs
- 5 Treatment Plants
- 3 Pumping Stations
- 5 Installation of SCADA-Systems

Wastewater Sector:

- 80 km WW Collection System
- 12 Pumping Stations
- 5 Waste Water Treatment Plants
(1 WWTP = 83,000 PE,
4 WWTPs < 50,000 PE)

