



POLAND

WASTE TREATMENT PLANT (WTP) LEZYCE



Client	ZUO Waste Association, (Lezyce)
Financing	National Fund (Warschau) EU-ISPA
Duration of Services	05/2003 - 05/2007
Cost of Implementation	15 Mio. €
Remuneration	1.1 Mio. €

Scope of Services

- Supervision acc. to FIDIC Conditions of Contract (yellow), ISPA (Prag) regulations and polish construction law of construction works for the two Works and two Supply Contracts
- Technical assistance
- Assistance in procurement
- Contract management

Project Background

The targets of the ISPA support for investments in the environmental sector are focussing on the preparation of Poland's accession to EU in the year 2004 and to achieve an adequate environmental standard in the country.

The ISPA programme comprises projects in the sectors of water supply, waste water treatment, waste management, energy and traffic.

Brief Description of the Project

The project region (1,500 km²) encloses around 400,000 inhabitants. At present, 95% of the waste produced is deposited at the municipal landfill in Lezyce which will be closed in 2003. An extended waste treatment plant including a new sanitary landfill located next to the existing landfill in Lezyce will be constructed which will meet Polish and EU standards.

The introduction on large scale of waste minimisation through sorting, recycling and composting is the major target of the project. Initial separation of waste streams will take place in the Polish municipalities by separate waste collection.

The site at Lezyce will include:

- Sorting facility for recyclable waste (capacity 50,000 t/year, by two shift operation)
- Sorting facility for construction waste
- Facility for dismantling bulky waste and a facility for dismantling refrigerators and electronic equipment
- Temporary storage for hazardous waste from households (e.g. fluorescent tubes, expired medicines, batteries etc.) before disposal at specialised incinerators
- Site for individual delivery of waste
- Composting facility for green waste (15,000 t/year)
- Construction of a new landfill (4 ha size) and gas collection / gas utilisation
- Treatment plant for landfill leachate



The existing landfill will be closed and covered, degassing and drainage of leachate will be carried out and the site will be monitored after closure. Both landfills will provide sufficient gas to be used for energy generation.

The WTP complex covers 60 ha and a total of 30 facilities.

The Consultant provides Technical Assistance and supervision of construction works for all project components according to FIDIC Conditions of Contract including procurement for the supply contracts of all technical equipment according to PRAG-Guidelines of the EU.