

ERITREA

REHABILITATION OF WATER SUPPLY SYSTEMS IN WESTERN ERITREA

Location	Region Gash Barka
Client	Ministry of Land, Water and Environment, Water Resources Department (WRD), Asmara
Financing	German Technical Cooperation / GTZ
Period	2004 – 2006
Value of own Services	0.105 million US \$

Project Description

The project concerns the rehabilitation and extension of potable water supply and sanitation systems of the four towns Agordat, Barentu, Haikota and Tesseney, which are located in the western lowlands of Eritrea. All four towns have experienced a very high population growth rate since 1997 caused by returnees. The expected total population in 2020 is 150,000.

The project continues Phase I of the earlier GTZ executed water supply project, which had been stopped in 1997 leaving the water supply systems of all four towns uncompleted. The present project will develop reliable water sources, extend the rudimentary distribution systems and improve the sanitary facilities.

The Project measures include in all four towns:

- Construction of new water abstraction facilities (large diameter dug wells and boreholes)
- Construction of transmission pipelines and water storage tanks
- Rehabilitation and extension of reticulation systems
- Rehabilitation and extension of decentralized sanitation systems
- Improvement of workshop facilities

Scope of Services

- Socio-economic survey
- Hydrogeological and geo-physical surveys, exploration drilling
- Topographic survey
- Feasibility study
- Final design and tender documents
- Institutional restructuring component

(in association)