



Water and wastewater management

CIID provides a spectrum of services and sector expertise in water and wastewater management; to modernise and improve implementation capability for water authorities and companies.

Our support services cover areas including:

- Management; engineering management and organisational management
- Water harvesting
- Water purification and desalination
- The use of renewable energy in the engineering management of water supply, purification and desalination, and wastewater treatment
- Regulation
- Public procurement including Public Private Partnerships (PPP)
- Funding
- Business case support to determine the most appropriate organisational structure and the optimum relationship between public and private sectors

Methodology

CIID's methodology for water and wastewater management follows the topics summarised in the accompanying document "Infrastructure development support programmes".

Following an interactive discussion with the government ministry, department or agency responsible for water and wastewater, CIID will develop a comprehensive programme to guide the sector towards international standards of best practice, including:

- Up-to-date engineering practice
- Good husbandry of water supply, including conserving resources, enhancing water harvesting, implementing technologies for desalination and purification
- Implementing best practice in wastewater treatment and recycling
- Interactive advice on the most appropriate organisational structures for water authorities, including prospects for PPP, investment, public sector management governance and relationships with the private sector
- Utilising expertise from water authorities and companies from the UK to modernise water and wastewater management and optimise water supply for the community, industry, tourism and agriculture

Capacity building for improving implementation capability

In consultation with the senior management of the ministry, department or agency, CIID will construct a series of workshops and longer training programmes to introduce international best practice at all levels and in all main aspects of activity of the water authority. This process will generally commence with one or two short interactive workshops, which will serve two main purposes:

- Introduce managers and engineers to international standards of best practice
- Inform CIID about the main priorities and challenges facing the sector

Implementation

CIID will then create a comprehensive programme, in consultation with the senior management of the water authority, to put in place all necessary stages of project implementation. This will include creating the necessary levels of expertise for sustainable development in the sector, and implementation of the most appropriate methods of project funding.