



## Water Capability Profile

Global Engineering Solutions











Bosch Projects is a leading multi-disciplinary infrastructure and industrial consulting engineering and project management company providing value added packaged solutions for Clients in the public and private sectors.

As a strategic growth initiative in late 2016, the company was restructured by consolidating the infrastructure and industrial operating companies within Bosch Holdings (originally founded in 1961) into a single company offering more integrated professional services.

Bosch Projects operates from regional offices across South Africa and from our international offices in Kenya and Brazil, focusing on assignments within South Africa, Africa and on other continents.

Our company has a proud record of serving both public and private sector Clients in terms of technical excellence, and has received recognised product export and project excellence awards including SASTA, CESA, SAICE and IMESA utilising our ISO-certified Quality Management System. We have also successfully completed projects in more than 45 countries.

## **Capabilities**

Water projects undertaken by Bosch Projects range from feasibility studies and consulting services, to engineering and project management of large water sector infrastructure projects.

The unit offers a wide range of engineering services delivered by experienced teams. These cover the full spectrum of water sector projects including water resource studies, hydrology and flood control, river abstraction, dams, water treatment, distribution, storage and pump stations. Projects cater for urban and rural water supply as well as large-scale irrigation schemes.

Bosch Projects is able to undertake the following types of projects:

- Water resources planning and studies
- Hydrological studies and flood control
- Flood protection works
- · Feasibility and planning studies
- River abstraction works
- Water treatment works
- Bulk water pipelines
- Reservoirs
- Pumpstations
- · Water reticulation networks
- Upgrading and refurbishment of existing water infrastructure
- Urban and rural water schemes
- Non-revenue and water demand management
- · Hydraulic analysis of water distribution networks
- Water hammer analysis of bulk water schemes
- · Water recycling infrastructure
- Project planning, management and cost controls





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