



SUSTAINABLE IMPLEMENTATION

Rural areas are being targeted for the project as they have been poorly serviced in the past

the completion of comprehensive feasibility studies for clients.

This systematic approach is then applied to all activities on site, including drilling, yield testing and equipping of the boreholes, which includes implementation of strict measures to avoid contamination of exposed groundwater resources.

“The wealth of experience that JG Afrika’s geohydrologists have acquired over the years, especially in KwaZulu-Natal and the Eastern Cape, augurs well for the management of this complex water and sanitation project.”

In February, JG Afrika acquired Geowater IQ, which Schapers believes significantly bolsters JG Afrika’s existing capabilities in groundwater infrastructure.

Schapers concludes that the company’s role in “demystifying the hidden water resource” and in bringing a sustainable water supply to the surface, ensures that it is ready to participate in the steady and growing pipeline of related work that emerges as African policy-makers continue to prioritise access to groundwater supply. ■

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and separate them into the different stages of development.

Other Projects

Some of the projects Hatch ESSG has been working on, in partnership with the company’s engineering teams, include a route alignment sensitivity analysis for a greenfield railway line in West Africa and a similar study for a greenfield petroleum pipeline in South Africa.

Another project included the environmental and social management of authorisations and permit applications during the prefeasibility and feasibility studies and construction of 1 000 km of rail and a related greenfield export terminal in South Africa.

Hatch ESSG was also responsible for environmental management during the prefeasibility and feasibility studies for a manganese mine development of a greenfield mine site in South Africa.

Further, assistance with environmental and social management for a power project in Zimbabwe was also provided by Hatch ESSG and included the management of environmental services and compilation of a relocation action plan.

Hatch ESSG was also responsible for the implementation of a sustainable development

programme as part of the Dingleton town resettlement for iron-ore mining company Kumba Iron Ore, which included construction management and social development, capacity building and upliftment of the local community through their participation in construction contracts.

Jacobs explains that this project included assisting smaller businesses – that would in future become suppliers to the mine – in preparing and planning invoicing mechanisms to ensure their participation in the local economy.

He further adds that, in the last quarter of 2015, Hatch identified key opportunities that would require further expansion of its environmental and social services in, for example, Cape Town, Port Elizabeth and Durban, owing to a growing demand.

“Our traditional strength is in our project management capabilities, but this often means that we have to outsource more specialised services. Our aim is to develop our specialised services to bring a more integrated and centralised approach to environmental management, from where we can draw on different experiences and skills to ensure that our projects are delivered successfully and on time,” he concludes. ■

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