

Centre of Expertise in Durban, South Africa



Context

The Centre of Expertise is an initiative by eThekweni Water & Sanitation (EWS) in Durban and various Dutch partners. Under the general framework a series of pilot projects will be executed to showcase the implementation of new technologies and knowledge at EWS. For these individual pilot projects contribution and support from various partners will be combined. The Centre of Expertise is an umbrella, under which numerous projects will be carried out. EWS and the Dutch partners are aiming to establish a long-lasting co-operation. The partnership program proposes a four-year program that will act as a general framework for the individual activities, projects and pilots within the Centre of Expertise. The four pilot projects above have been identified and executed, but many more ideas are waiting to be transformed into pilot projects in the near future.

Proposal

The Centre of Expertise aims to match the South African water knowledge and technology needs with the Dutch water knowledge and innovations. Targets for the Centre of Expertise are to improve the performance of Southern African peer utilities and assist them in implementing these innovations, best practices and technologies.

The **World Water Academy** (WWA) was one of the founding fathers of CoE. The role of WWA is the capacity development component of the outcomes of the implemented projects. Meanwhile the concept of World Water Academy is showed in the South African practice, while developing courses with the Dutch and South-African partners.

Realization

AquaDactics executes several capacity development and training development and delivery during the Center of Expertise project (2012-2017):

- Pilot Training of Trainers for Basics Wastewater Treatment
- Course development Wastewater Treatment for Process Controllers 3 years Training Plan for Process Controllers in KwaZulu Natal
- Audit course materials like Carbon Footprint calculation, Asset management game, Trenchless technologies and UV Treatment
- 1 day didactical training for managers in the Netherlands
- Various Masterclasses on didactical topics, like development, logistics and assessment
- Course Development Water Distribution for first level response officers
- Process Controller exchange programme

Location:

Durban, Cape Town and Johannesburg, South Africa

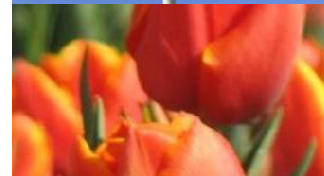
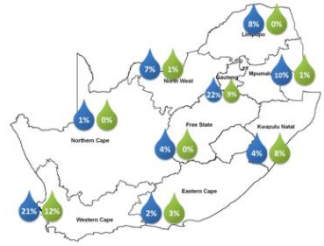
Period:

2012-2017

Partners:

Dutch Embassy in Pretoria & Transition Facility (NL/*financer*)

Vitens-Evides International (NL), eThekweni Water & Sanitation (SA), City of Cape Town (SA), Johannesburg Water (SA), World Water Academy (NL), AquaDactics (SA), World Waternet (NL) and Your Man on Site (SA)



For more information, please visit our website:

www.worldwateracademy.nl