

Speaker Presentation Profile

1. PRESENTER'S INFORMATION

FULL NAME	Lindani Gumede		
DESIGNATION	Head of Information Systems and Technology		
COMPANY	Trans-Caledon Tunnel Authority (TCTA)		
TEL	012 683 1200	FAX	012 683 1300
CELL	083 530 8363		
EMAIL	lgumede@tcta.co.za		

2. PRESENTER'S BACKGROUND

Lindani has more than 10 years experience in ICT, most of which has been in the water sector. He has been in management positions at Water Research Commission, Magalies Water and currently Trans-Caledon Tunnel Authority. Lindani understands the water challenges in SA and how technology can be used to minimize chances of a similar situation with Eskom happening in the water sector. This will not only ensure sustainable water supply, but it will also improve citizen's quality of life. TCTA is a State owned specialized liability management entity responsible for financing and implementing bulk raw water infrastructure. The most popular project being the Lesotho Highlands Water Projects which bring water from Lesotho to the Gauteng province.

3. TITLE/TOPIC OF PRESENTATION

Water and ICT: An Unlikely Combination?

4. PRESENTATION SYNOPSIS/ABSTRACT

State the focus of the presentation:

The main focus of this presentation is on the use of technology, especially ICT, to improve the way we manage our water resources in a water stressed country. Many people have been concerned about all the Eskom blackouts, but don't realise that without water no electricity can be generated. Water is a key resource.

The challenge we face is manifold: SA is a water stressed country and, at the same time, access to clean drinking water is one of the basic human rights. Can we use technology (especially ICT) to better manage our water resources to ensure sustainable water supply?

This session will examine the various technologies and means of managing and monitoring water resources and citizen education.

Key points for discussion include:

- Technologies available and currently in use to better manage water resources.
- TCTA's success stories in using ICT to deliver world class and award winning bulk raw water infrastructure within budget and time.