

# Sanitation in Durban, South Africa

Neil Macleod

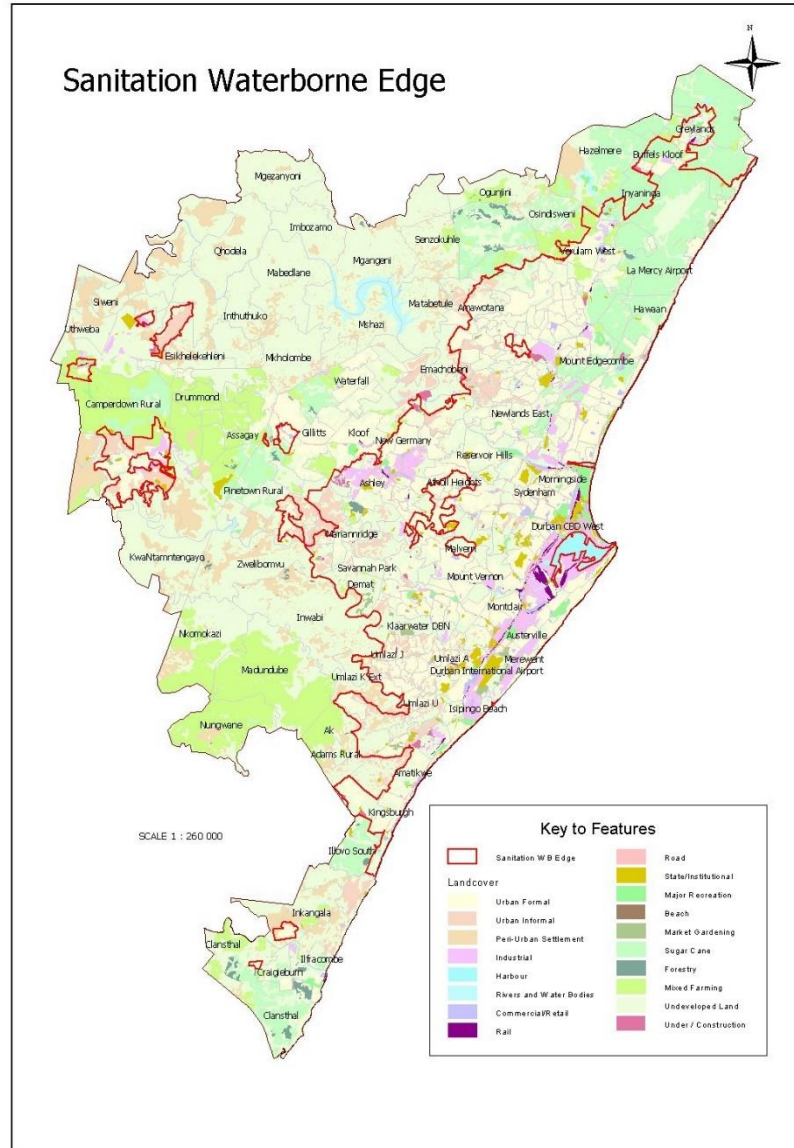
# Sanitation is not only about technology: the 5 box matrix

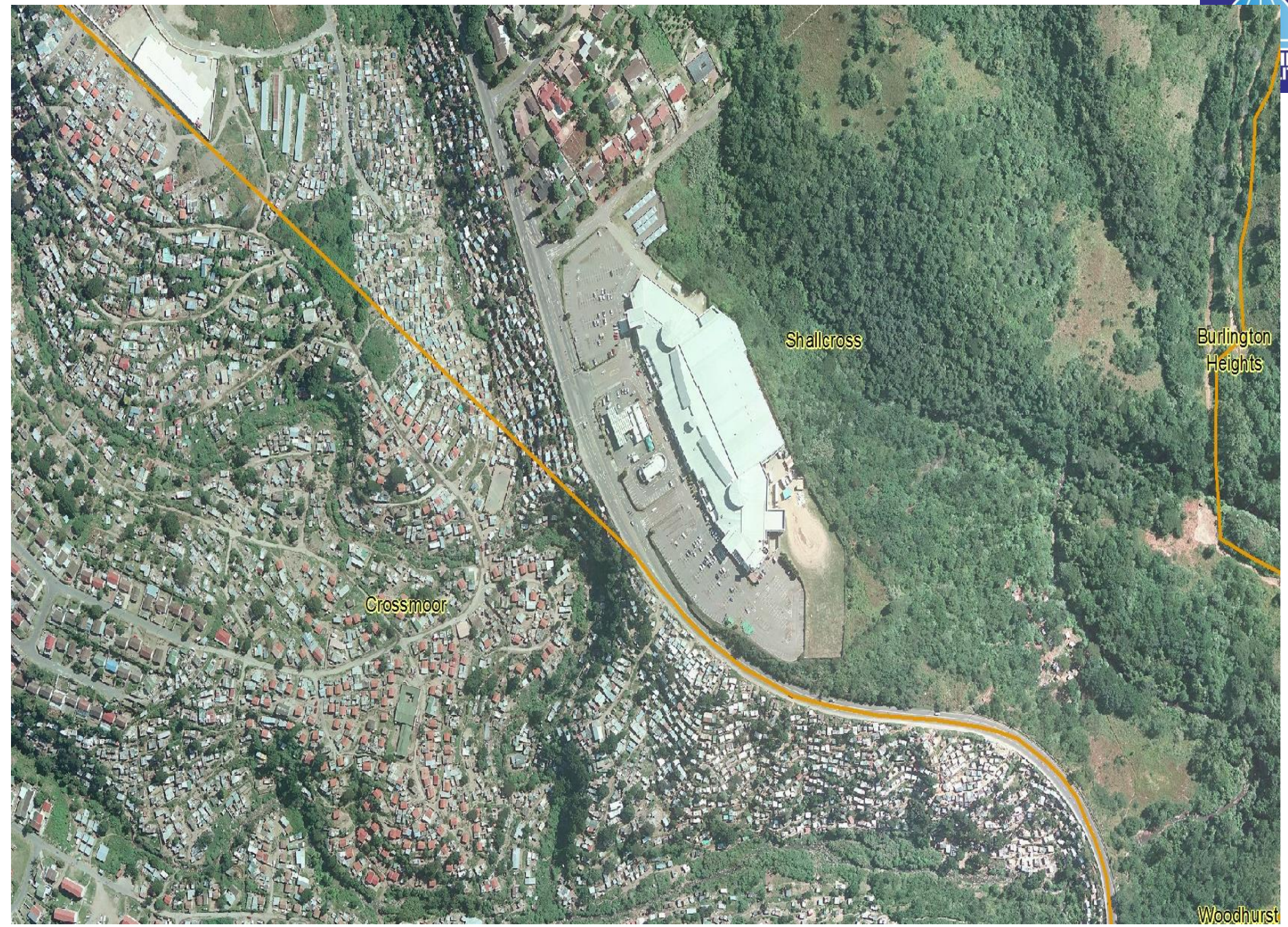
Legislation, policy and regulation

Asset Management (includes O and M)	Customer and Stakeholder Management
New Infrastructure Delivery Management	Revenue Management
Human Resources Management	

Institutional, Governance and Climate change

# One sanitation solution for everywhere does not work







# PROJECT POO

Percy Shangase

# Expectations from a toilet

- Based on a survey of hundreds of informal settlement residents
  - A place of refuge and contemplation
  - A place to be private and read, sing, cry, etc
  - A clean place that does not smell
  - Safe to use
- 
- Means the toilet must be private, clean, odour free, well lit and safe to access and use

# Community Ablution Blocks (CABs) - interim solution



# Modified Shipping Container





# Design model

- one block per 50 households
- Separate showers and toilets for male and female, with handbasins
- Storeroom for cleaning materials



## Design model (contd.)

- Urinal
- Washing facility for clothes
- Overhead lighting for safety at night



# Design advantages

- Easy to install
- Can be moved to new areas when area upgraded

