



## **water & sanitation**

Department:  
Water and Sanitation  
REPUBLIC OF SOUTH AFRICA

# **Continuation of the Reconciliation Strategy of the KZN Coastal Metro Areas – Phase 2**

## **WC/WDM in KZN**

July 2014  
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# WC/WDM in KZN

## WC/WDM Master Plan Overview

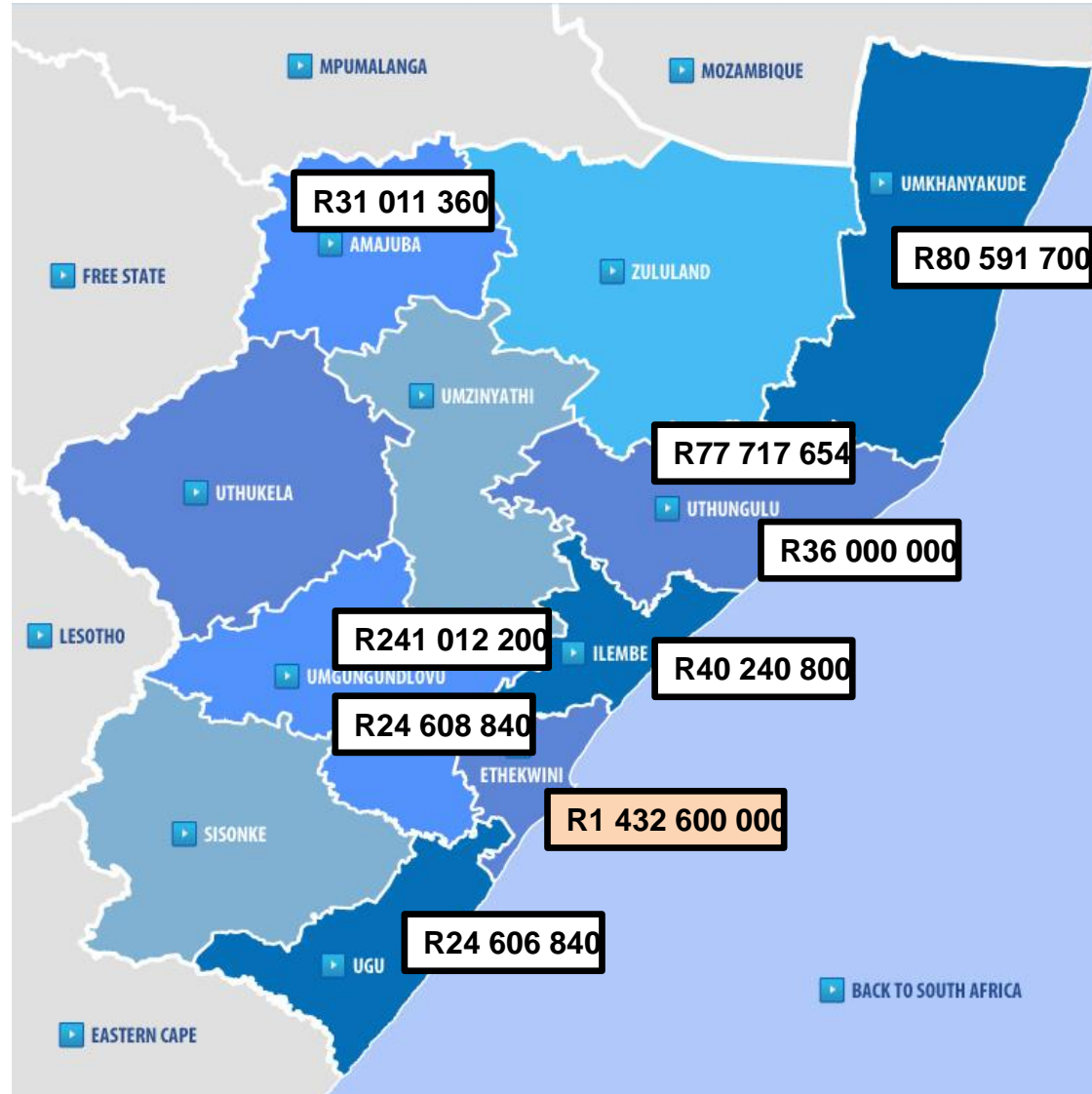
- 5-year forecast period
- Target setting (what could be achieved)
- Selection of appropriate KPI's
- Budget determination (best achievable and most probable scenarios)
- Human resource and system requirements

# WC/WDM Status

Inside CMRS, the following WSA's are included:

- eThekwini – update of master plan completed (July 2014)
- Ugu – update of master plan underway (completion anticipated mid-August 2014)
- iLembe – update of master plan underway (completion anticipated mid-August 2014)
- Msunduzi – not required (current master plan)
- uMgungundlovu – not required (current master plan)

# WC/WDM Budget Requirements



# Predictive Modeling Tool

- Unique NRW forecasting model used in study
- Proprietary software of consultant
- Determine baseline and future scenario water balances per water supply system
- Determine budget requirements depending on choice of selected scenarios (specified target, available budget, etc)
- Intervention prioritisation tool



Thank you