

Urban Water Management Program

Integrated Water Use Authorisations

IWRM Challenges - Strategic Perspective

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Crocodile Marico Water Management
Area

Crocodile (west) Marico Water Management Area

Vision Statement

- **Integrated Water Resource Management**
- *Batho pele* Service Delivery
- Excellence in **Catchment Management**



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Goal and Objective

- Improved Regulatory Framework
- Influence land use to ensure **Environmental Sustainability**
- Create linkages between **Water, Environment and Social responsibilities**



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Strategic Objectives

- Improve the Legal and Regulatory Framework
- Improve **Catchment Management** within Crocodile Marico WMA by implementing Integrated Water Resource Management (**IWRM**)
- Strengthen Linkages between Catchment Management Strategy and Environmental Policies
- Improve information acquisition, Management and Dissemination
- **Endorse Environmental Awareness, Education and Training**
- Promote Public Participation



Strategic Objective 1

- Improve the Legal and Regulatory Framework
 - Harmonize environmental legislation
 - Setting of (preliminary) **Resource Quality Objectives** (RQO's)
 - Enforcement of Standards (monitoring & auditing)
 - Provide framework for prosecution and dispute settlement (develop MoU's for leading sectors)



Strategic Objective 2

- Improve Catchment Management within Crocodile Marico WMA
 - Improve capability of Water Resource Management Staff to implement IWRM
 - Improve regional management
 - Improve inter sectoral planning
 - Strengthen Catchment Management Forum's



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Strategic Objective 3

- Strengthen Linkages between Catchment Management Strategy and Environmental Policies
 - Consider **economic values and most beneficial use of water**
 - Establish concepts of **recycling, recovery, reuse** and introduce **multiple water use**
 - **Water conservation**
 - Balance water resource demand and supply



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Strategic Objective 4

- Improve information acquisition, Management and Dissemination
 - Align monitoring programmes
 - Assessment of monitoring methods
 - Improve access to information
 - Capacitating data basis on WMS
 - Prioritise **electronic data input** on WMS



Strategic Objective 5

- Endorse Environmental Awareness, Education and Training
 - Share environmental knowledge
 - ID best environmental practices
 - **Initiate educational & awareness programmes**
 - Development of sustainable training programmes



Strategic Objective 6

- Promote Public Participation
 - Update Stakeholders contact details
 - **Develop a communication strategy**
 - Ensure effective stakeholder participation
 - Empower Catchment Management Forum's
 - Communicate compliance & audit reports with Forums



Challenges

- Ensure proper linkages and dynamic interaction between
 - Water Resource Management & Water Services
 - development and planning - IDP, WSDP & EIA's
- Improve & facilitate **co-oporative governance** and institutional arrangements
- **Capacity building, environment awareness, training & education**



Desired Outcome

- Alignment of strategies through **cooperative governance**
- Co-ordinated, uniform, coherent and consistent **Water Use Authorisation processing & management**
- Protection of water resources through improved regulatory approach
- Sustainable development through **Best Environmental Options**
- Cooperation and participation of Stakeholders
- Integrated Licenses



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