

DIRECTORATE: SOCIAL & ECOLOGICAL SERVICES

STRATEGIC PLAN 2001/2002

MISSION

TO ENSURE THE DEVELOPMENT AND IMPLEMENTATION OF WATER RESOURCE PROTECTION MEASURES AND A COMPREHENSIVE APPROACH TO SUSTAINABLE INTEGRATED ENVIRONMENTAL MANAGEMENT (SOCIAL & ECOLOGICAL) IN THE DEPARTMENTAL FUNCTIONS.

FOCUS AREAS

- A. *TO ENSURE THE IMPLEMENTATION OF INTEGRATED ENVIRONMENTAL MANAGEMENT (IEM) PRINCIPLES*
- B. *TO CREATE AN EMPOWERED, SKILLED AND REPRESENTATIVE STAFF TO ACHIEVE RESOURCE PROTECTION AND INTEGRATED ENVIRONMENTAL MANAGEMENT (SOCIAL & ECOLOGICAL)*
- C. *TO ENSURE MANAGEMENT AND CONTROL OF ACCESS AND USE OF GOVERNMENT WATERWORKS*
- D. TO ENSURE THE IMPLEMENTATION AND REGULATION OF S21(c), (i) & (k) WATER USES OF THE NWA (ACT 36 OF 1998).
- E. TO IMPLEMENT ENVIRONMENTAL MONITORING AND AUDITING.

FOCUS AREA				
A: TO ENSURE THE IMPLEMENTATION OF INTEGRATED ENVIRONMENTAL MANAGEMENT (IEM) PRINCIPLES				
STRATEGIC OBJECTIVES	Output	Measures	TARGET DATE	ACTIVITIES
			2001/2	
1. Development of environmental policies, strategies and mechanisms to implement 'IEM'	Environmental Management framework	Implementation of IEM framework, policies, tools, processes and procedures	<p>IEM framework: December 2001</p> <p>Implementation of IEM tools: Ongoing</p> <p>Ongoing</p> <p>December 2001</p> <p>Ongoing</p> <p>September 2001</p> <p>December 2001</p> <p>December 2001</p>	<p>1. Development of environmental policies, strategies & mechanisms to implement 'IEM':</p> <p>1.1 Align and integrate the principles of IEM, the EIA process and the Engineering Stages with the project life cycle approach applied by the DWAF.</p> <p>1.2 Assign engineering (technical) and environmental activities or deliverables to the DWAF IEM procedures / Engineering Stages, which will act as a forcing measure at each project phase.</p> <p>1.3 Align and integrate other Environmental Management Tools (EMP, ERA, EMS, EES, Monitoring and Auditing, etc.) with the project development life cycle and other water related activities that the DWAF embarked upon, which have a detrimental effect on the environment.</p> <p>1.4 Comparison and alignment between RDM activities and IEM procedures.</p> <p>1.5 Assign roles and responsibilities to each project life cycle phase and to other DWAF related projects/activities, concentrating especially on the role and functions of the environment.</p> <p>1.6 Revise standardised environmental specifications (general) to include in all civil engineering contract documents at the tender stage (align with SABS 1200).</p> <p>1.7 Revise and update of standardise Environmental Management Plan (EMP) for DWAF and ensure that the EMP and environmental specification document (rehabilitation) complement one another.</p> <p>1.8 Compile an "Environmental Management Framework for DWAF related Projects" to ensure that the environment is integrated with the engineering and other technical aspects of the DWAF related projects.</p>

FOCUS AREA				
A: TO ENSURE THE IMPLEMENTATION OF INTEGRATED ENVIRONMENTAL MANAGEMENT (IEM) PRINCIPLES				
STRATEGIC OBJECTIVES	Output	Measures	TARGET DATE	ACTIVITIES
			2001/2	
			January 2002	1.9 Compile a "Manual for the application of Environmental Management within the DWAF", containing procedures to be followed, environmental instruments to be applied and report content for project level development proposals and other activities leading to environmental impacts on the basis of the workshops and within the Environmental Management Framework for the DWAF.
			Draft: Feb 2002	1.10 Development and implementation of environmental indicators
			Ongoing	1.11 Environmental Awareness Course.
			December 2001	1.12 Provide interim support/operation to water resource management
			December 2001	1.13 Develop DWAF's Social Assessment Framework.
			January 2002	1.14 Develop guidelines, standards and norms for social impact assessment for DWAF functions
			January 2002	1.15 Develop guidelines for resettlement and relocation processes that promote social and economic development of the affected parties (link resettlement to development).
			February 2002	1.16 Develop procedures for resolving conflict and addressing complaints for water resource development (conflict resolution model).
			August 2001	1.17 Consolidate DWAF's generic public participation procedures and integrate this into the SIA process.

FOCUS AREA				
A: TO ENSURE THE IMPLEMENTATION OF INTEGRATED ENVIRONMENTAL MANAGEMENT (IEM) PRINCIPLES				
STRATEGIC OBJECTIVES	Outputs	Measures		ACTIVITIES
			2001/2	
2. Implementation of 'IEM'	Implementation Strategy for IEM and social frameworks	Ensure the implementation of IEM in the NWRS and CMS	March 2002 Ongoing Ongoing Ongoing	2 Implementation of IEM: 2.1 Develop a strategy on the implementation of the EMF and associated procedures and environmental management instruments. 2.2 Technical and Scientific Support for DWAF. 2.3 Review reports by environmental consultants. 2.4 Manage & monitor activities of environmental consultants appointed by water resource management.
3. Development of an Environmental Management System (EMS)	EMS for the DWAF compliance to environmental legislation	Compliance to Environmental Management Principles (Section 2 of the NEMA) Compliance to EIMP (Section 3 of the NEMA) Compliance to international conventions and protocols	Follow-up workshop: May 2001 Draft: March 2001/ Ongoing Ongoing	3 Development of an EMS: 3.1 Awareness Workshop for Management on Environmental Management Systems 3.2 Develop a "House in Order Manual for DWAF", which include the scope, objectives & targets, roles & responsibilities, identification of environmental aspects/impacts, deliverables (findings), process, report content (follow a similar EMS procedure) 3.3 EMS Awareness Course
4. Implementation of EMS (phased approach)	Implementation Strategy for EMS	Compliance to the relevant legislation	Draft: March 2002 Ongoing	4 Implementation of EMS. 4.1 Develop an implementation strategy for the EMS and associated procedures and environmental management instruments 4.2 Technical and Scientific Support for DWAF

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STRATEGIC OBJECTIVES	Outputs	Measures	TARGET DATE	ACTIVITIES
			2001/2	
5. Promote sustainable development and intergenerational equity in water resource development.	Social Assessment protocol to promote sustainable development and equity in water resources management and development	Implementa-tion of the aim and objectives of the NWA Social aspects are integrated in the project life cycle	Draft: Feb 2002/ Ongoing Ongoing June 2001 March 2002 Feb 2002/ Ongoing Ongoing Ongoing	5 Provide Social Service Support to Water Resource Management 5.1 Develop programmes to empower disadvantaged communities. 5.2 Social Impact Assessment of water resources management. 5.3 Develop Social Impact Assessment Checklist. 5.4 Develop mechanism for benefit sharing in water resource development. 5.5 Develop mechanism to ensure that water resource development do not build or widen the existing gender disparities. 5.6 Review SIA reports by social consultants. 5.7 Manage and monitor activities of social consultant appointed by water resource management

FOCUS AREA: B. TO CREATE AN EMPOWERED, SKILLED AND REPRESENTATIVE STAFF TO ACHIEVE RESOURCE PROTECTION AND ENVIRONMENTAL MANAGEMENT (SOCIAL & ECOLOGICAL)				
STRATEGIC OBJECTIVES	Outputs	Measures	TARGET DATE	ACTIVITIES
			2001/2	
1. Develop a strategy for capacity building within Social & Ecological Services and the Department of Water Affairs and Forestry.	Capacitated, skilled and empowered workforce/staff	Implementation of dam zoning, water resources protection, IEM sustainable development and RDM	June 2001/ Ongoing	1. Develop a strategy for capacity building: 1.1 Identify priorities for training in terms of Social & Ecological (Environmental) aspects/issues & development of courses
2. Capacity building initiatives for the DWAF	Skills Development Plan for D:SES	Successes, failures and obstacles of skills development Needs for future skills development	Dec 2001/Ongoing Dec 2001/Ongoing Jan 2002/Ongoing Feb 2002/Ongoing Ongoing Ongoing	2. Training courses on: 2.1 Recreational water use 2.2 Access and development at Government water works 2.3 Social Impact Assessment 2.4 IEM procedural awareness 2.5 RDM capacity building courses 2.6 Review of EIA (listed and unlisted activities for capacity building)
3. Development of instruments to empower and capacitate communities to participate meaningful in decision concerning Environmental matters (Social and Ecological)	Community development programme for resources use efficiency	Participation of communities in resources management and development	February 2002 August 2001 Ongoing Dec 2001/Ongoing	3. Development of instruments to empower communities 3.1 Development of communication strategy 3.2 Development of public participation 3.3 Promotion of social assessments 3.4 Strategy and participatory appraisals
4. Partnerships with tertiary institutions to ensure capacity building for staff members (new and existing).	Skills development programme	Recruitment of staff in highly skilled professional fields eg. Environmental Engineering	Ongoing	4. Development of internal & external partnership.
5. Implementation of capacity building programme.	Skills development implementation strategy	Interactions and technical support to other DWAF divisions and the Regions	Sep 2001/Ongoing Ongoing Ongoing Sep 2001/Ongoing	5. Implementation Strategy 5.1 Communication strategy 5.2 Technical support – RDM/IEM 5.3 Identify capacity requirements and skills 5.4 Develop procedures for establishing EM/ER in Regions

FOCUS AREA; C. TO ENSURE MANAGEMENT, CONTROL OF ACCESS AND USE OF GOVERNMENT WATERWORKS				
STRATEGIC OBJECTIVES			TARGET DATE	ACTIVITIES
	Outputs	Measures	2001/2	
1. To achieve and facilitate sustainable and equitable socio-economic utilisation (i.e. activities and facilities), management and control of State dams.	Sustainable use, Allocation and Development Plan for government water Works	Sustainable Environmental development Government water works	Ongoing Oct 2001/ Ongoing	1. Utilisation, management and control of state dams. 1.1 Interim/operational support 1.2 Develop and confirm a policy framework and identify performance areas with objectives and implementation strategies.
2. Recreational water use control and management.	Recreational water use policy and authorisation framework. National recreational water use classification system	Compliance and conformance to policy framework and classification system	Feb 2002/Ongoing Feb 2002/ Ongoing December 2001	3. Control and mechanisms:- 2.1 Development and implementation of recreational water use safety regulations 2.2 Financial charge system for recreational water use 2.3 Community or public access guidelines

FOCUS AREA: D. TO ENSURE THE IMPLEMENTATION AND REGULATION OF S 21(c), (i) AND (k) WATER USE OF THE NWA				
STRATEGIC OBJECTIVES			TARGET DATE	ACTIVITIES
	Outputs	Measures	2001/2	
1. To achieve and facilitate sustainable and equitable recreational water utilisation of all water resources	Recreational water use safety regulations and norms and standards	Development of water use on safety regulations and normal standards	Nov 2001	1 Facilitate sustainable and equitable recreational water utilisation: 1.1 Finalise and confirm a recreational water use policy framework and performance areas with objectives and implementation strategies
2. To control and manage the impact of water uses under section 21 (c), (i) and (k) through authorisations, registration, regulations, and other measures	Implementation of authorisations (licence), regulations and other measures for water uses.	Compliance to licence conditions and regulations	April 2001/final draft completed Ongoing Nov 2001 Ongoing January 2002	2 Mechanisms for control and management of the impact of water uses 2.1 Develop and confirm authorisation protocol (general authorisations and licences) 2.2 Interim/operational implementation of authorisation protocol (i.e. assessment of licence applications etc.) 2.3 Registration protocol for water uses of section 21(c), (i) and (k) 2.4 Interim/operational implementation of registration protocol 2.5 Implementation of safety regulation for recreational water use
3. Review licences processes	<ul style="list-style-type: none"> Licence review protocol 	Implementation of licence protocol	June 2001 May 2001 June 2001	3 Licence processes: 3.1 Revise and amend operational guidelines for section 21(c) and (i) (M1 – 5) 3.2 Revise, amend and finalise General Authorisations 3.3 Streamlining of application procedures [priority determination of mine categories under section 21(c) and (i)]
4. To facilitate provision of appropriate recreational water use infrastructure/facilities	Infrastructural development policy and protocol framework	Consultation and development of policy and protocol framework	Nov 2001	4 Recreational water use infrastructure: 4.1 Draft and confirm policy and protocol regarding appropriate and acceptable recreational water use infra structural development for water resources (excluding State dams which will be addressed under Focus Area C)

FOCUS AREA: E. TO IMPLEMENT ENVIRONMENTAL AUDITING AND MONITORING				
STRATEGIC OBJECTIVES			TARGET DATE	ACTIVITIES
	Outputs	Measures	2001/2	
1. To facilitate the auditing and monitoring of performance (iro recreational water use), section 21(c) and (i) and other water associated action.	Auditing and monitoring system and protocol	Development of Auditing and monitoring system and protocol	March 2002/ Ongoing	1. Develop a performance auditing, monitoring and management system, iro:- 1.1 Efficacy of policies and protocols
2. To manage information related to recreational water use	National Information Management System (NIMS)	Implementation of NIMS	Feb 2002/ Ongoing	2 Information management:- 2.1 Develop guidelines and mechanisms for storing, collation and dissemination of information regarding recreational water use
3. Statutory Environmental Reporting for: <ul style="list-style-type: none"> • Auditor General's Office • Consolidated Environmental Implementation and Management Plan • National Water Resources Strategy • Human Rights Commission 	Monitoring and auditing System and protocol	Development and implementation of monitoring and auditing system and protocol	Draft: Feb 2002 Feb 2002 Annually/ Ongoing When required/ Ongoing	3 Reporting 3.1 Development of environmental reporting for IEM 3.2 Reporting procedures and measurements for AG's office, CEIMP and NWRS 3.3 Compilation of reports 3.4 Environmental, social and economic rights under the constitution 5.5 International conventions and protocols.