

7.1 Programme 2: Water Resources

Purpose: Ensure that the country's water resources are protected, used, developed, conserved, managed and controlled in a sustainable and equitable manner for the benefit of all people.

Measurable objective: Ensure that water resources are allocated so that they promote social and economic development, maintain the reliable availability of water in sufficient quantities and of an appropriate quality to meet the needs of all consumers and meet international water-sharing agreements, while ensuring that water resources are protected to enable sustainable water use.

Sub-Programme (KFA)	Output	Selected Measure/Indicator	Target/Milestones
Equitable Supply Sustainable Supply <i>(KFA 6: Ensure reliable and equitable supply of water for sustainable economic and social development including the eradication of poverty)</i>	An integrated suite of policies and strategies developed and implemented.	Water Allocation Reform Programme implemented in Mhlathuze, Olifants and Nkomati water management areas	March 2008
		Construction of the Berg Water Project ready to commence with storage of water	June 2007
		Implementation of Olifants River Water Resources Development Project progressed. River diversion for De Hoop Dam achieved	June 2007
Protection Policies Protection Measures <i>(KFA 7: Ensure the protection of water resources)</i>	Measures to ensure that water resources are protected for sustainable utilisation developed and implemented	Water resources in 10 priority catchments classified, and Reserves and resource quality objectives determined	March 2009
Institutional Regulation Institutional Development <i>(KFA 8: Develop, implement and support effective water management institutions)</i>	Functional, financially viable and representative institutions for managing water resources and water resources infrastructure at national, catchment and local levels established, funded and supported	National Water Resource Infrastructure Branch fully established by ring-fencing all related functions in a self-sufficient unit	April 2006
		National Water Resources Infrastructure Agency established by a phased integration of the NWRI Branch and the TCTA	March 2008
		Nine more catchment management agencies established	March 2009
		98% of potential revenue from water use charges collected, including charges for waste discharge	March 2009
Strategic Alignment Stakeholder Empowerment <i>(KFA 9: Align staff, stakeholders and general</i>	Optimal management information from expanded monitoring systems and interlinked information management systems	Four major information systems interlinked and accessible via a common interface	March 2008
<i>public to a common vision for integrated water resource management and develop, capacitate and empower them in best practices)</i>			
<i>public to a common vision for integrated water resource management and develop, capacitate and empower them in best practices)</i>	Framework for capacity building in the water sector developed	Capacity-building strategy developed	March 2007
	Guidelines for catchment management agencies for the development of catchment management strategies	Guidelines developed and piloted	March 2007

Sub-Programme (KFA)	Output	Selected Measure/Indicator	Target/Milestones
African Co-operation (KFA 15: Promote integrated water resource management globally, particularly in Africa in support of NEPAD)	Improved cooperation with other countries in Africa and elsewhere.	River basin commissions operationalised by, <i>inter alia</i> , establishing secretariats - Orange River Basin Commission Limpopo Basin Commission	Mid-2006 Mid-2007
		Agreement to establish basin commissions (or a basin commission) for the Maputo and Nkomati basins	March 2008

7.2 Programme 3: Water services

Purpose: Ensure that all people in South Africa have access to an adequate, sustainable, viable, safe, appropriate and affordable water and sanitation service; use water wisely; and practise safe sanitation.

Measurable objective: Ensure effective, efficient and sustainable use and supply of water and sanitation services by institutions that are accountable and responsive to the community that they serve.

Sub-Programme (KFA)	Output	Selected Measure/Indicator	Target/Milestone
Provisioning Policies Water and Sanitation Services (KFA 10: Ensure provision of basic water supply and sanitation for improved quality of life and poverty alleviation)	Ensure the provision of sustainable basic and free basic water supply and sanitation services as stipulated in SFWS	Regular and reliable MIG reporting against specified KPIs	Quarterly on an annual basis.
	Increased access to basic water supply and sanitation services by the sector	Number of people provided with basic water supply	Additional 1 500 000 people annually have access to basic water supply
		Number of households with basic sanitation	Additional 350 000 households annually have access to basic sanitation
		Percentage of the population with access to free basic water and sanitation	85% of population with access to free basic water and 30% of the population with access to free basic sanitation by March 2007
Water Sector Policies Water Sector Support (KFA 11: Ensure effective and sustainable delivery of water services to underpin economic and social development)	Sound legislation, policies and strategies for the sector	Alignment of legislation with SFWS	Promulgation of revised Water services Act by June 2007
		Development and implementation of support policies and strategies	Free basic sanitation strategy developed by March 2006 Regulatory strategy completed by February 2006
	Sound planning culture established within sector	WSDPs submitted to and evaluated by DWAF	WSDPs submitted by 100% of WSAs and evaluated by March 2007
		Feasibility studies conducted for all projects	90% of WSAs undertaking project feasibility studies

Sub-Programme (KFA)	Output	Selected Measure/ Indicator	Target/Milestone
	Improved monitoring of sector performance	Key reporting	Annual report produced annually. Drinking water quality management system implemented by March 2007
		Functional management information systems	Regulatory monitoring system in place by March 2007
		Audits and assessments	Ongoing annual sector assessment report every March
	Ensure coordinated and improved sector performance.	Provincial sector forums	All forums operational by 2007
Institutional Policies Institutional Support <i>(KFA 12: Ensure effective water services institutions)</i>	Ensure efficient and sustainable water services institutions	Development and implementation of support policies and strategies	Strategy for institutional reform in place by October 2006 Sector Support Strategy in place by March 2006
		Annual performance measured against agreed KPIs	Improved functioning of 50% of WSAs, 70% of WSP's and 80% of Water Boards by March 2007:
		Funding agreements reflected in DoRA	All municipalities to be included for 2007 DoRA
		Capacity--building grants:-	All grants assessed by March 2007
		Skills development:-	Advocacy and training programmes implemented March 2007
		Reports on specific support activities to water services institutions	4 reports on quarterly basis on effect of support by March 2007
Transfer policies Transfer Functions <i>(KFA 13: Ensure effective local-level operations and management of DWAF water services schemes)</i>	Implementation of Transfer Policies	Reports produced on institutions compliance with transfer policies	Quarterly reports
	Effective transfer of water services schemes to appropriate institutions	Number of schemes transferred and agreements in place	317 schemes transferred by March 2007
		Monitor compliance with conditions of agreements	Implement 57 agreements by March 2007
Africa Initiative Africa Participation <i>(KFA 14: Promote and support sound policy and practice of water services to achieve millennium targets in Africa)</i>	Support to water services programmes in Africa in order to achieve in MDG and WSSD targets	Reporting framework	Ongoing WWAP report inputs
			Annual MDG target progress reports
	Ensure pro-active engagement with NEPAD and SADC water services initiatives	International water services forums.	Forums in all SADC countries by 2007

7.3 Programme 4: Forestry

Purpose: To promote the conservation of plantation and indigenous forests and their commercial and community use; to achieve optimal social and economic benefits. Promote rural development through policy development, regulation, facilitation, and monitoring and evaluation.

Measurable objective: Ensure the sustainable management of all forests and plantations, and enhance the contribution of forest resources to economic development and poverty eradication.

Sub-Programme (KFA)	Output	Selected Measure/Indicator	Target/Milestone
Forestry Oversight Forestry Governance (KFA 1: Create and promote an enabling regulatory environment for sustainable forest management)	National Certification Initiative, based on C, I and S, launched	Draft minimum standards agreed with the sector	March 2007
	2005 State of the Forest report published	2005 State of Forest report tabled in Parliament	August 2006
	Regulation of sustainable forest management	National system developed and in operation Regulations published	March 2007
Forestry Development Community Empowerment (KFA 2: Promote socio-economic growth through the development of the forestry sector)	Forest Enterprise Development, livelihood enhancement and institutional reform needed to support the foregoing are currently being considered	FED Strategy implemented	March 2007
	Co-operation and leadership within SADC	Regional collaboration on sustainable forest management	March 2007
	SADC forestry potential study initiated	Report on forestry potential in SADC	March 2008
	Community-based forestry	Eastern Cape forestry enterprise development initiative operative	March 2007
		Exploration completed on the establishment of forestry enterprise development offices in other relevant provinces	March 2007
Fire Regulation And Oversight Fire Governance (KFA 3: Create and promote an enabling regulatory environment for the prevention and management of veld and forest fires to support local and rural socio-economic development)	Establishment of all Fire Protection Associations (FPAs) in priority fire risk areas	60 registered FPAs that report to DWAF	March 2007
	National Veld-fire Information System (NVIS) in place to monitor and predict fire risk	NVIS Operational	March 2007
	Partnership agreements with DPLG and SAWS operational	Implementation of MoU agreements	March 2007
	Effective compliance with the requirements of the Act among all landowners in regions of High and Extreme wildfire risk	Extent of compliance with various requirements of NVFFA	March 2007
	Communication and awareness strategy on NVFFA implemented	Fire awareness campaigns implemented	March 2007

Sub-Programme (KFA)	Output	Selected Measure/Indicator	Target/Milestone
State Forest Transfer And Regulation State Forest Administration and Oversight <i>(KFA 4: Transfer and post-transfer administration of State forestry assets)</i>	To transfer DWAF plantations to beneficiaries through appropriate vehicles that promotes BEE and socio-economic development at local level.	Finalised transfer plans for each package and to conclude 50% of community resolutions with regard to class Cs	March 2007
	Review policy and strategy for transfer of remaining State forests to ensure that objectives of transfers will still be achieved	Appropriate strategy for rehabilitation of remaining assets to state of readiness for transfer	June 2006
	Leased plantation forests and delegated/-assigned natural forest managed in terms of the relevant agreement	Audit management systems in operation and corrective actions implemented	March 2007
State Forest Management Sustainable Forest Management <i>(KFA 5: Sustainable management of State forests to optimise social, economic and environmental benefits)</i>	DWAF responsibilities with regard to national wood energy strategy implemented	Extent of DWAF responsibilities executed according to strategy	March 2007
	DWAF's woodlands role implemented according to the policy	Extent of DWAF's responsibilities executed according to strategy	March 2007
	Management of State plantations and natural forests in accordance with Criteria and Indicators for sustainable forest management (C & Is)	Number of C & I Audit Queries addressed within specified time periods	March 2007

8 Financial resources

8.1 Budget structure

The arrangement of management units in the four areas of activity is as follows:

The department has four programmes, namely:

- Administration;
- Water Resource Management;
- Water services and
- Forestry

Table 2: Allocation of budget per programme/functional area

FUNCTIONAL AREA	BUDGET PER FUNCTIONAL AREA (R'000)
Administration	R436708
Water Resource Management	R2 179 186
Water services	R1 462 251
Forestry	R398 400
Exchequer Account: TOTAL	R4 476 545

Allocation per functional area, per economic classification and per standard chart of accounts

Table 3: Summary of allocation by functional area

Programme	Expenditure outcome (R' 000)				Medium-term expenditure estimate (R'000)			
	Audited		Preliminary outcome		Adjusted Appropriation		Revised estimate	
	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	
1 Administration	291,967	332,205	353,425	446,950	436,708	428,408	451,776	
2 Water Resource Management	1 073 992	1 116 208	1,476,264	1,632,045	2,179,186	2,416,291	2,961,631	
3 Water services	1 974 155	2,391,442	1,561,359	1,527,974	1,462,251	1,544,103	1,772,319	
4 Forestry	403 291	411 607	466,629	415,543	398,400	420,545	440,258	
Total	3,743,405	4,251,462	3,857,677	4,022,512	4,476,545	4,809,347	5,625,984	

Table 4: Summary of allocation per economic classification

Economic classification (R' 000)	2002/03	2003/04	2004/05	2005/06	2005/06	2006/07	2007/08	2008/09
				Adjusted appropriation	Revised estimate			
Current payments	1,315,584	1,355,759	1,749,664	1,790,332	1,790,332	2,635,794	2,733,292	2,930,949
Compensation of employees	646 661	598 203	602,656	789,612	789,612	1,180,269	1,234,699	1,333,563
Goods and services	667,735	742,487	1,117,231	999,115	999,115	1,453,824	1,497,875	1,596,633
Interest and rent on land	512	2 157	562	1,605	1,605	1,709	718	753
Financial transactions in assets and liabilities	676	12,912-	29,215-	-	-	-	-	-
Unauthorised expenditure	-	-	-	-	-	-	-	-
Transfers and subsidies to:	2 103 965	2,521,684	1,737,612	1,741,109	1,741,109	1,632,808	1,731,020	2,479,586

Table 4: Summary of allocation per economic classification (cont)

Economic classification	2002/03	2003/04	2004/05	2005/06	2005/06	2006/07	2007/08	2008/09
(R' 000)				Adjusted appropriation	Revised estimate			
Provinces and municipalities	1,700,361	2,111,105	928,264	1,069,985	1,069,985	501,900	550,000	600,000
Departmental agencies and accounts	403,604	381,505	669,103	649,298	649,298	1,001,999	1,044,272	1,733,639
Universities and technikons	-	-	-	-	-	-	-	-
Foreign governments & international organisations	-	-	-	-	-	-	-	-
Public corporations & private enterprises	-	-	84,254	-	-	-98,734	103,632	109,850
Non-profit institutions	-	-	-	-	-	-	-	-
Households	-	29,074	55,991	21,826	21,826	30,175	33,116	36,097
Payments for capital assets	323,856	374,019	370,401	491,071	491,071	207,943	345,035	215,449
Buildings and other fixed structures	306,471	356,921	327,753	445,773	445,773	136,851	268,086	133,173
Machinery and equipment	7,620	9,507	31,218	32,077	32,077	49,151	53,963	57,990
Cultivated Assets			90	25	25			
Software and other intangible assets	9,765	6,360	11,340	13,196	13,196	21,941	22,986	24,286
Land and subsoil assets		1,231						
Total	3,743,405	4,251,462	3,857,677	4,022,512	4,022,512	4,476,545	4,809,347	5,625,984

Table 5: Allocation per standard chart of accounts

	EXPENDITURE OUTCOME			MEDIUM TERM EXPENDITURE ESTIMATE			
		Audited	Preliminary Outcome	Revised Estimates	2006/07	2007/08	2008/09
	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09
	1,315,584	1,355,759	1,749,664	1,790,332	2,635,794	2,733,292	2,930,949
CURRENT PAYMENTS							
COMPENSATION OF EMPLOYEES	646,661	598,203	664,005	789,612	1,180,269	1,234,699	1,333,563
GOODS AND SERVICES	667,735	673,112	897,469	999,115	1,453,824	1,497,875	1,596,633
INTEREST AND RENT ON LAND	512	2,157	1,505	1,605	1,701	718	753
FINANCIAL TRANSACTIONS IN ASSETS AND LIABILITIES	676	-	-	-	-	-	-
TRANSFERS AND SUBSIDIES TO	2,103,965	2,521,684	1,737,612	1,741,109	1,632,808	1,731,020	2,479,586
PROVINCES AND MUNICIPALITIES	1,700,361	2,111,105	928,264	1,069,985	501,900	550,000	600,000
DEPARTMENTAL AGENCIES AND ACCOUNTS	403,604	381,505	669,103	649,298	1,001,999	1,044,272	1,733,639
PUBLIC CORPORATIONS & PRIVATE ENTERPRISES			84,254		98,734	103,632	109,850
HOUSEHOLDS		29,074	55,991	21,826	30,175	33,116	36,097
PAYMENTS FOR CAPITAL ASSETS	323,856	374,019	370,401	491,071	207,943	345,035	215,449
BUILDINGS AND OTHER FIXED ASSETS	306,471	356,921	327,753	445,773	136,851	268,086	133,173
MACHINERY AND EQUIPMENT	7,620	9,507	31,218	32,077	49,151	53,963	57,990
SOFTWARE AND OTHER INTANGIBLE ASSETS	9,765	6,360	11,340	13,196	21,941	22,986	24,286
LAND AND SUBSOIL ASSETS		1,231					
TOTAL	3,680,625	4,182,087	3,823,112	3,542,412	4,476,545	4,809,347	5,625,984

9 Organisational Management

9.1 Information Services Plan

Vision and Strategic Intent:

In a department such as the Department of Water Affairs & Forestry – where virtually the entire business value chain consists of the collection, collation, analysis and dissemination of sector - related information and knowledge in a highly distributed environment – it is imperative that systems and processes exist, which enables the free flow and exchange of information across the enterprise.

Therefore the role of Information Services in DWAF is being redefined, from a purely functional unit, dealing with narrow tactical issues, to a business unit involved in strategic issues and a broad involvement across the entire business value chain of DWAF. This involves a change:

- from IT management and governance to collaboration;
- from cost management to total value management;
- from data processing to knowledge management, and
- from being reactive to being proactive.

Information Services is therefore leading the development of an enterprise IS/IT Strategy, which will primarily be the compelling, business-led IT initiatives that will dominate IT spend over the coming years, i.e. an action-oriented deliverable, which is the IT response to the business strategy.

The IS/IT strategy will provide the overall vision and key principles by which IT solutions should be selected and delivered and by which Information Services will operate. It will demonstrate a direct linkage between IT plans and aspirations and those of the business it supports.

The initiative will therefore enable the Department to fulfil its obligations with respect to Information

Management in terms of the National Water Act as well as in terms of return of investment as required by the PFMA.

At the vision and principle level, at least, the IT Strategy will also be expressed in terms that the business can understand and will be very tightly coupled with the business' strategic plans, vision and principles. Therefore there is a direct relationship between:

- Dependency on business input
- The need for business input
- And the IT Vision and strategy

The Information Services Business Plan (included in the Appendix, Section 10) must therefore be seen in the context of the redefined role described above, i.e. in terms of:

- **Planning and Organisation:** Strategy and tactics and the identification of the way IT can best contribute to the achievement of the business objectives. Furthermore, the realisation of the strategic vision needs to be planned, communicated and managed for different perspectives.
- **Acquisition and Implementation:** To realise the IT strategy, IT solutions need to be identified, developed or acquired, as well as implemented and integrated into the business process. In addition, this domain needs to make sure that the life cycle is continued for these systems, and covers changes in, and maintenance of, existing systems.
- **Delivery and Support:** This domain is concerned with the actual delivery of required services, which range from traditional operations over security and continuity aspects to training. In order to deliver services, the necessary support processes must be set up.
- **Monitoring:** This domain is concerned with monitoring the processes, assessing internal control adequacy, obtaining independent assurance via Internal Audit and providing for independent auditing.

9.2 Structure of the Organisation

Chart 1: Department of Water Affairs and Forestry High-level Organogram

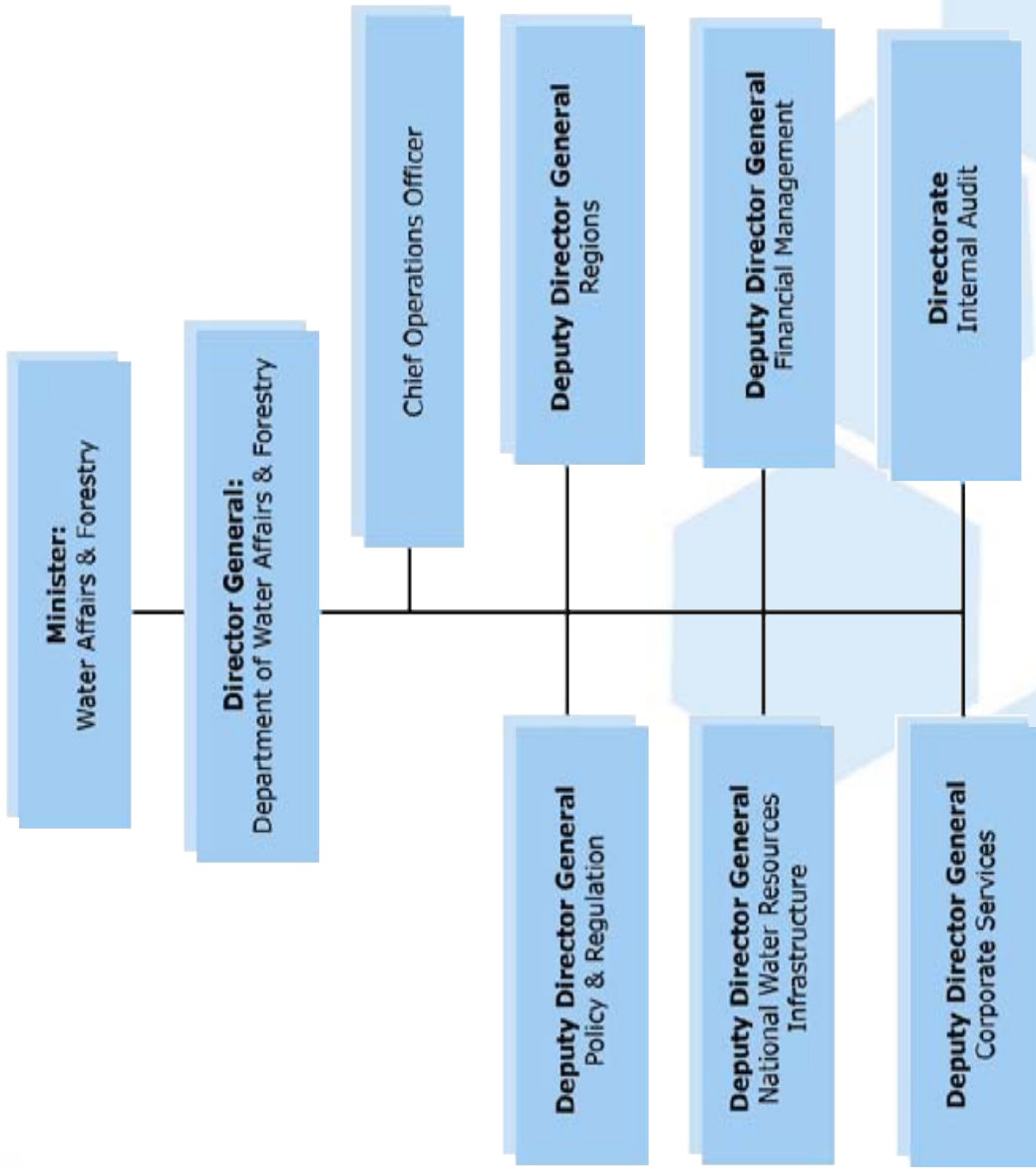


Chart 2: Chief Operations Office

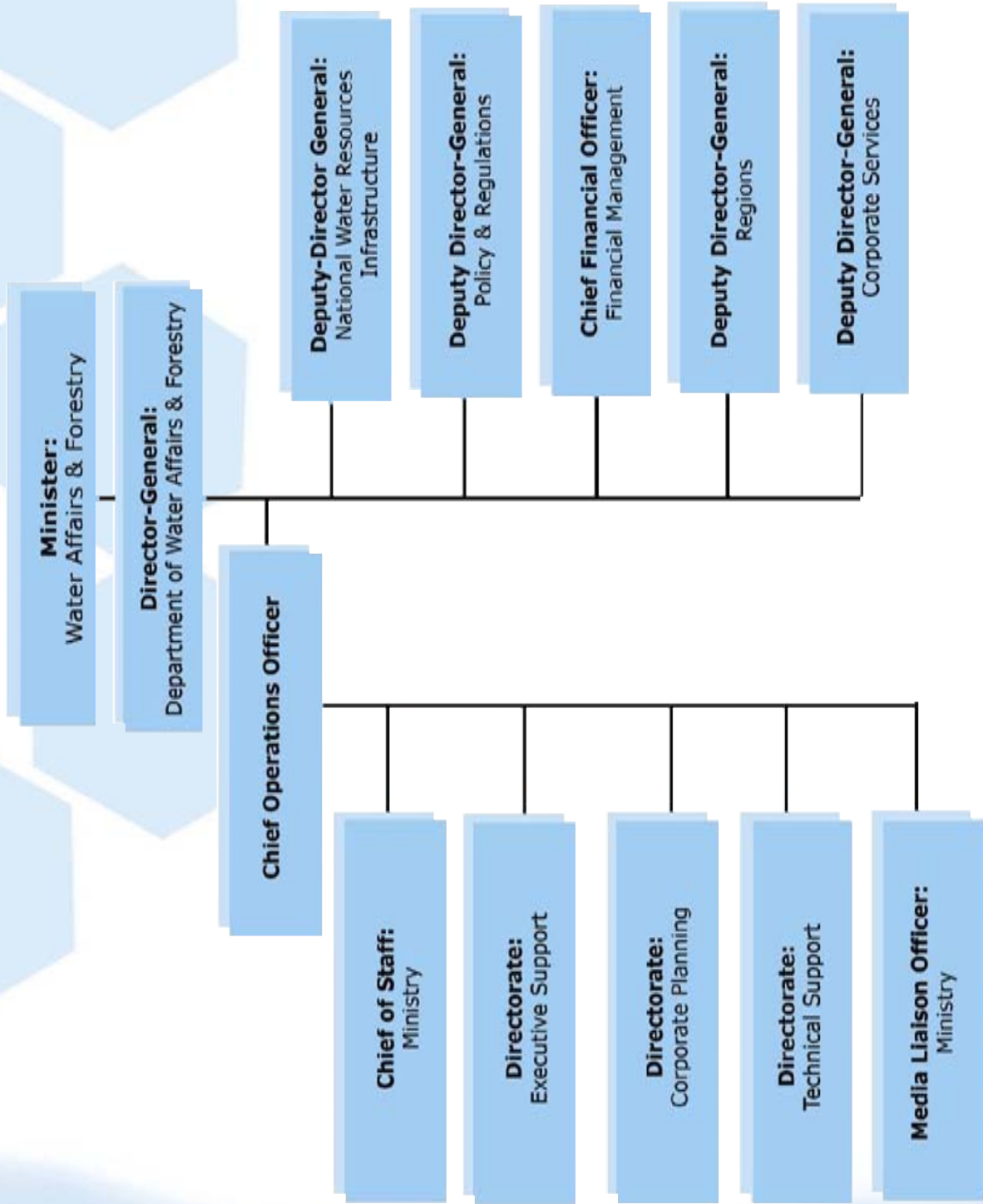


Chart 3: Policy and Regulation Branch

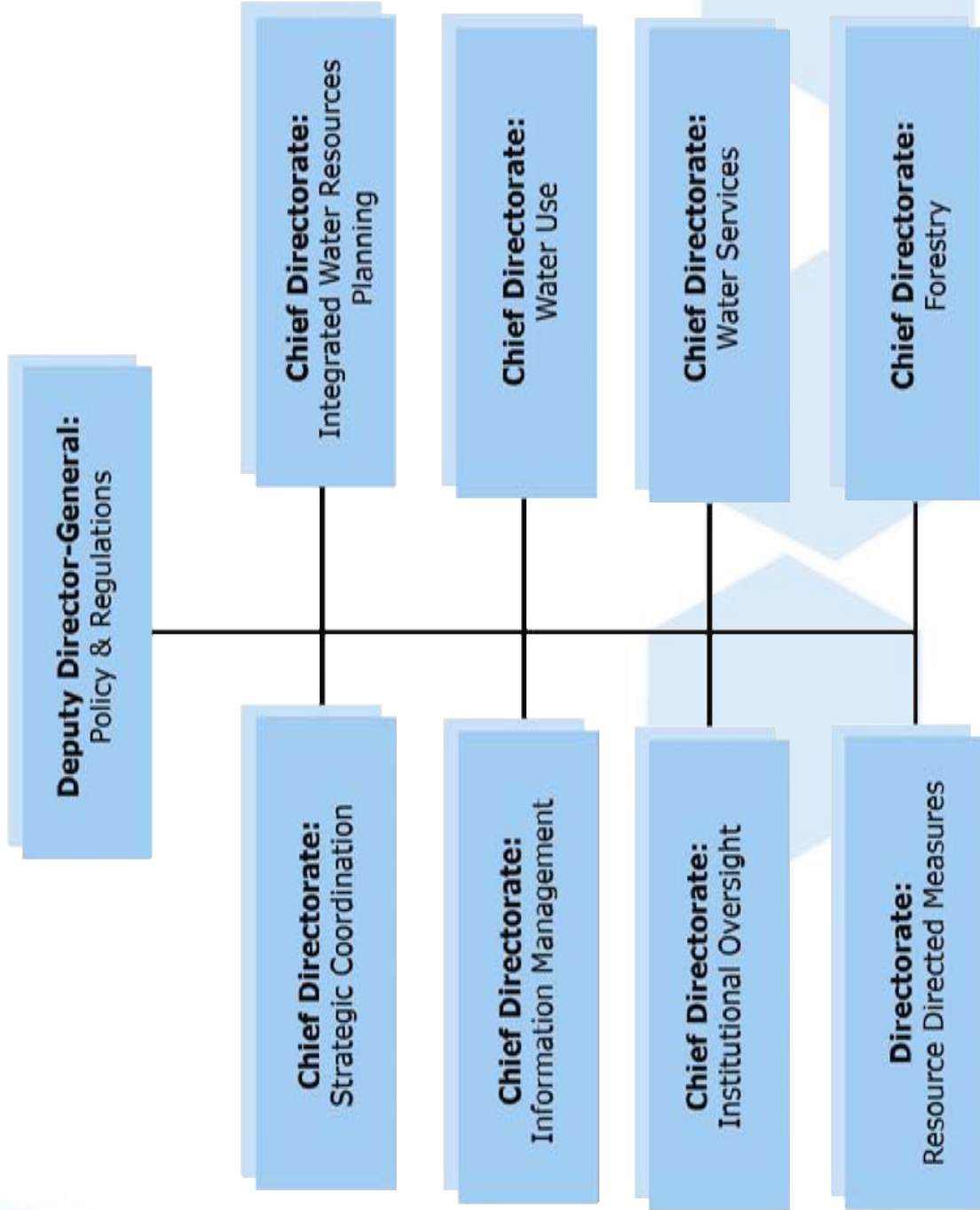


Chart 4: Regions Branch

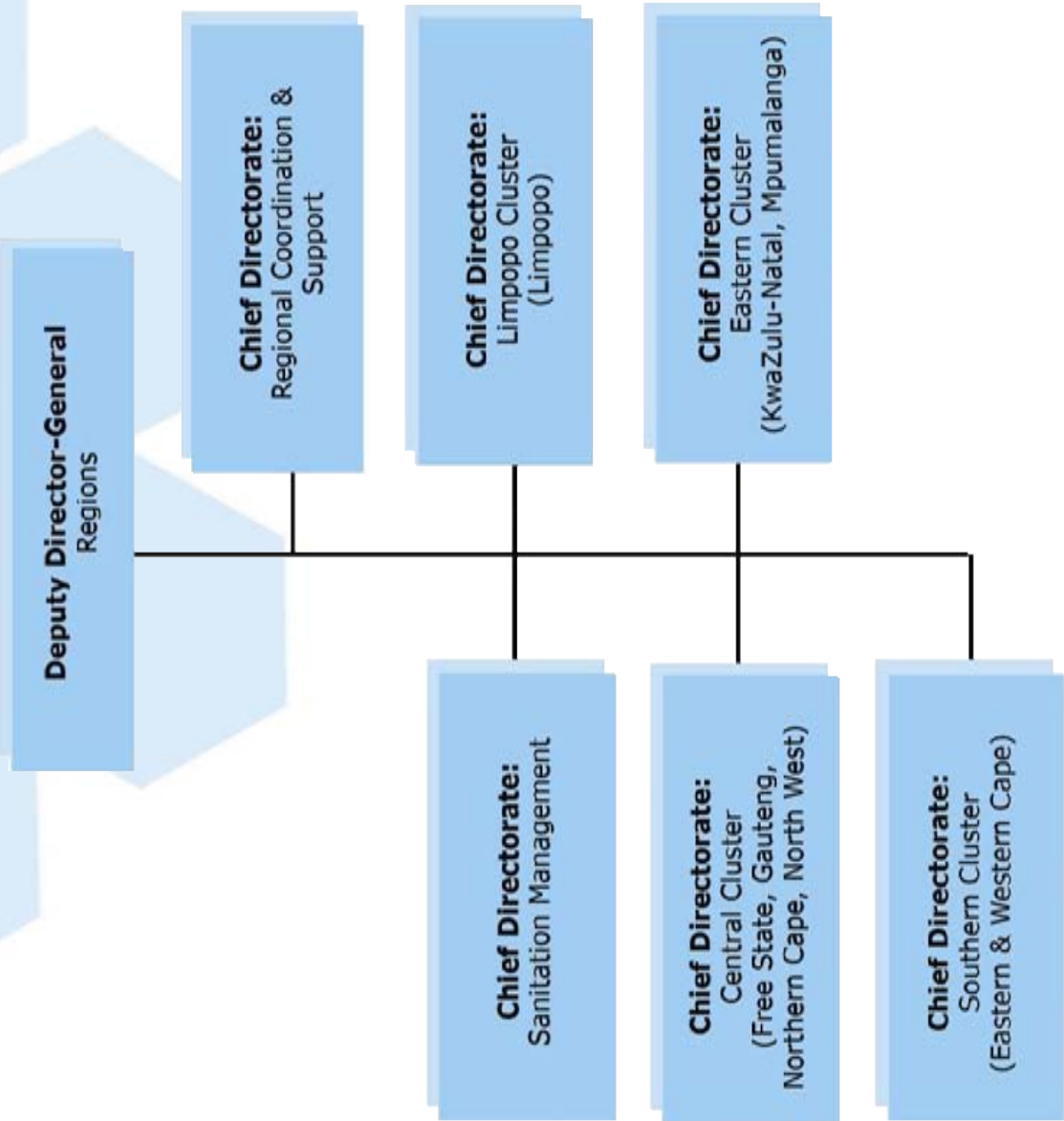


Chart 5: National Water Resources Infrastructure Branch

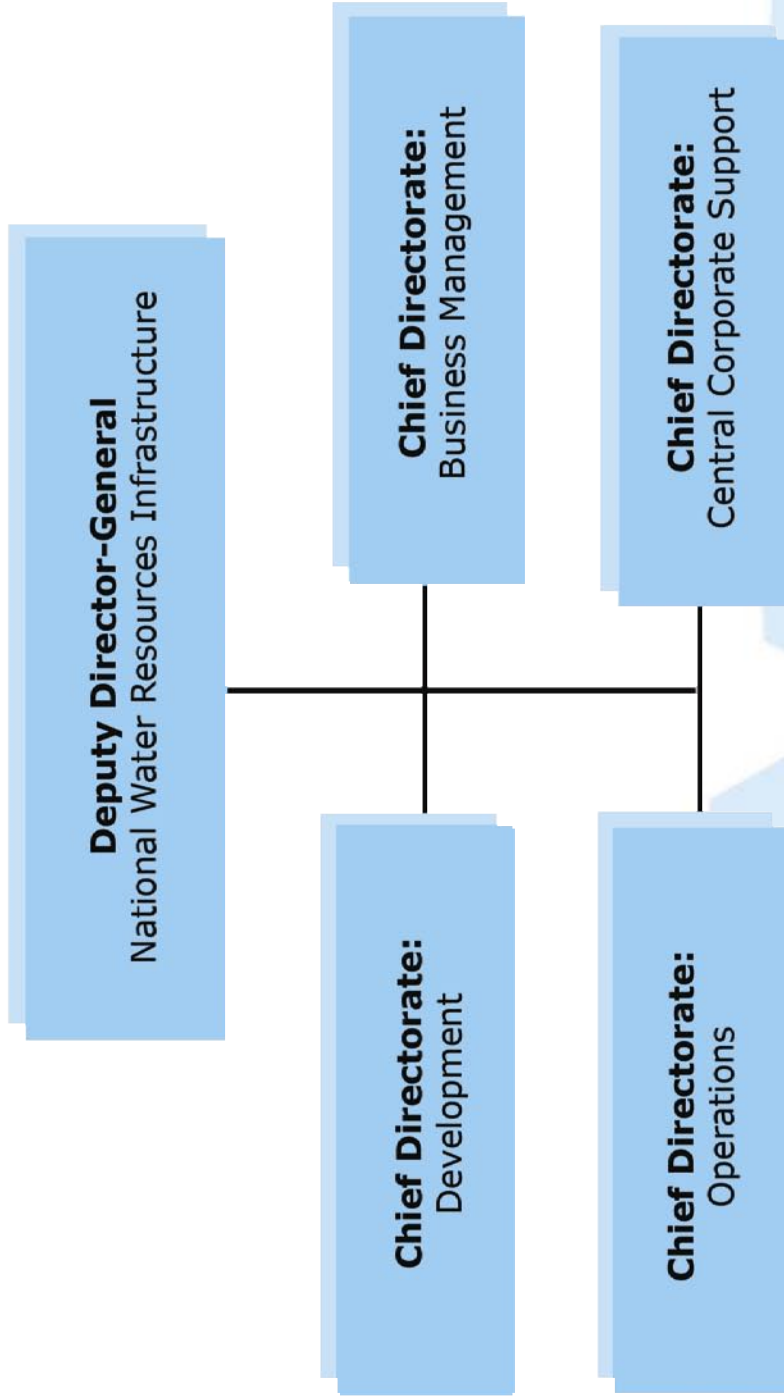


Chart 6: Corporate Services Branch

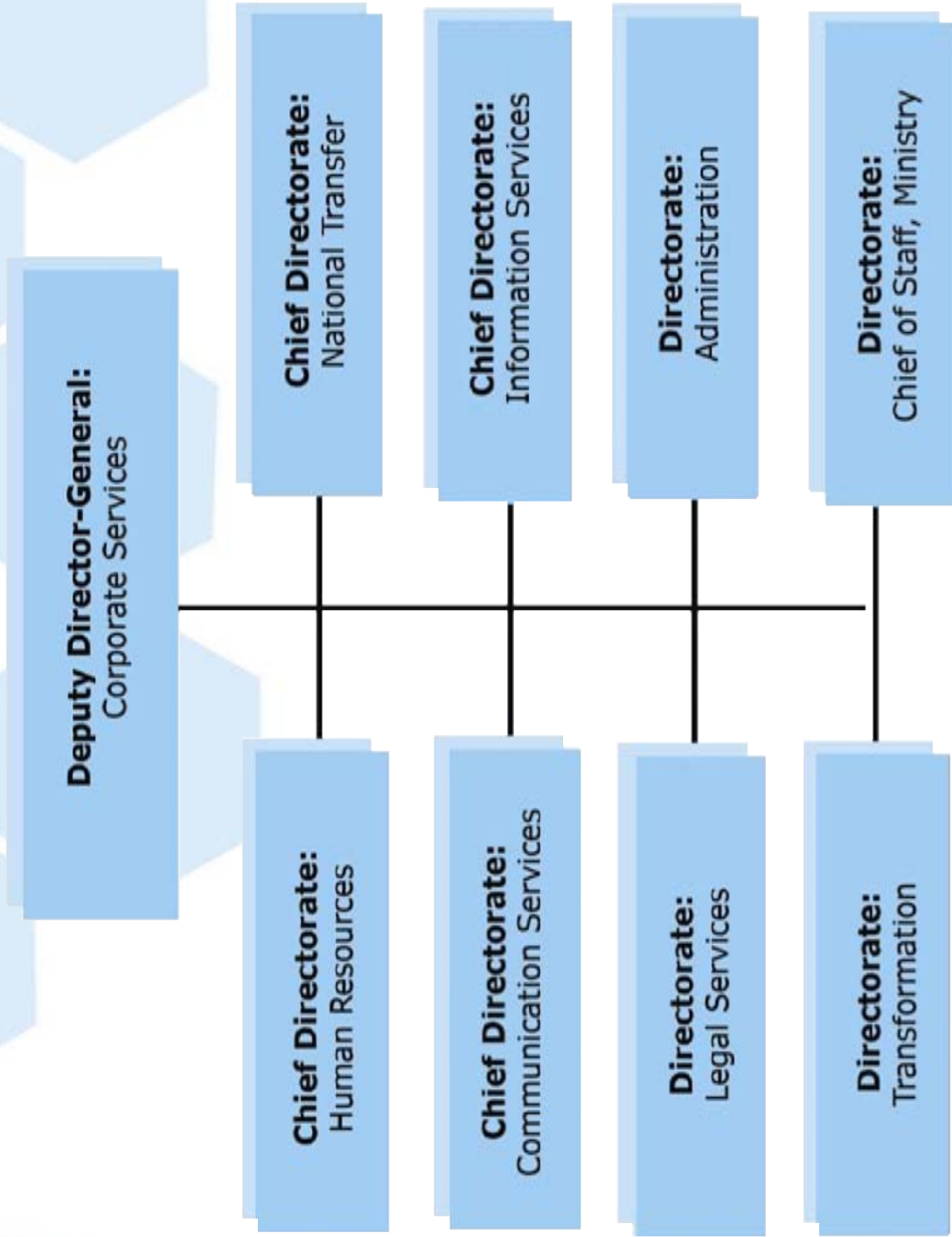


Chart 7: Financial Management Branch

