



**water & sanitation**

Department:  
Water and Sanitation  
**REPUBLIC OF SOUTH AFRICA**



# WQM POLICIES AND STRATEGIES FOR SOUTH AFRICA *WP 10978*

## **DWS Policy Environment**

M Brisley/T Rasikhanya  
Department of Water and Sanitation  
IWQM Symposium  
31<sup>st</sup> May 2017

# Presentation outline

- **Introduction: 20 year Review Report (snapshot)**
- **New Policy Developments to support IWQM:**
  - Sanitation
  - Climate Change
  - Water Stewardship
  - Mine Water Management
  - Hydropower, Wetlands
  - Rural Livelihood
- **Way Forward**

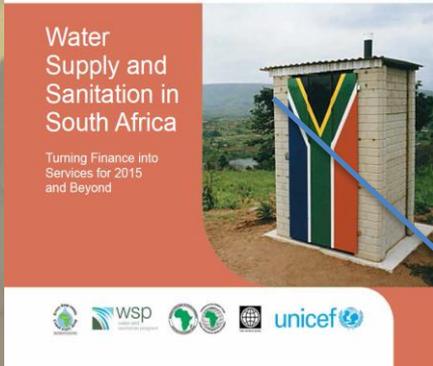


An AMCOW Country Status Overview

# RSA Policies and Strategies: **What have we learned?**

*RSA Water and Sanitation Policies and Strategies Approach*  
**is to continue in:**

**“Acknowledge the Past, Commit to the Future”** (Julio Frenk, 2008)



South Africa underwent a major transition to a full democracy in 1994. The new government embarked on an ambitious program to eradicate backlogs in water supply and sanitation, underpinned by development of **sound sector policies and legislation** [White Paper on Water Supply and Sanitation (1994), White Paper on National Water Policy for South Africa (1997), White Paper on Basic Household Sanitation (2001), Strategic Framework for Water Services (2003, National Water Policy Positions for redress equity and sustainability (2013). Water Services Act, 108 of 1997 and National Water Act, 36 of 1998)]



**Progress made in ensuring equitable access to water (President Jacob Zuma 2014).**

# 20 year Review Report: **Green Light**



## 20 year Review Report: Recognition

- **Water allocation** reform to ensure equitable access and through development of new water & sanitation legislation
- Past 20 years have seen a dramatic and *sustained process* of institution-building and restructuring, legislation and *policy development* and *domestic* and *international* engagement
- The Review noted a number of **new waste** water treatment schemes being **completed** and existing ones refurbished, in recent years.
- Strategies (**NWRS1 and 2**) have been developed to guide future water resource planning, management and investment requirements, based on an assessment of the country's water balance against projected future needs.
- Government has developed standards for basic **water supply and sanitation** that aim to reduce human health issues and environmental degradation. These standards have been implemented to varying degrees.

# 20 year Review Report: **business as usual?**



**PROCEED  
WITH  
CAUTION**



# 20 year Review Report: **Caution**

- Improving the **capacity, maintenance and operation** of waste water treatment systems must be a priority of government
- Deteriorating quality and security of supply of water **undermines** the ability of government to effectively address inequality and grow the economy
- Challenges remain around **ensuring equitable access to water and maintaining water quality.**



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## Response to Water Quality Challenge

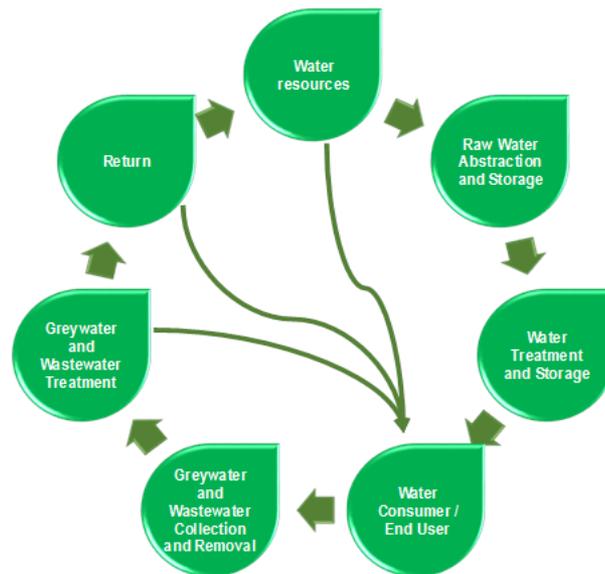


**and New Policy Developments to support IWQM:  
*Sanitation, Climate Change, Water Stewardship, Mine Water Management Hydropower, Wetlands Rural Livelihood***

# Rationale/Aim/Motivation for the policy review

## Purpose

- This policy deal with all sanitation issues across the entire sanitation value chain – namely – the collection, removal, disposal or treatment of human excreta and domestic wastewater, and the collection, treatment and disposal of industrial wastewater (Figure below).



**The Policy has been  
Approved by Cabinet  
December 2017  
Currently being rolled out  
while finalising  
implementation plan**

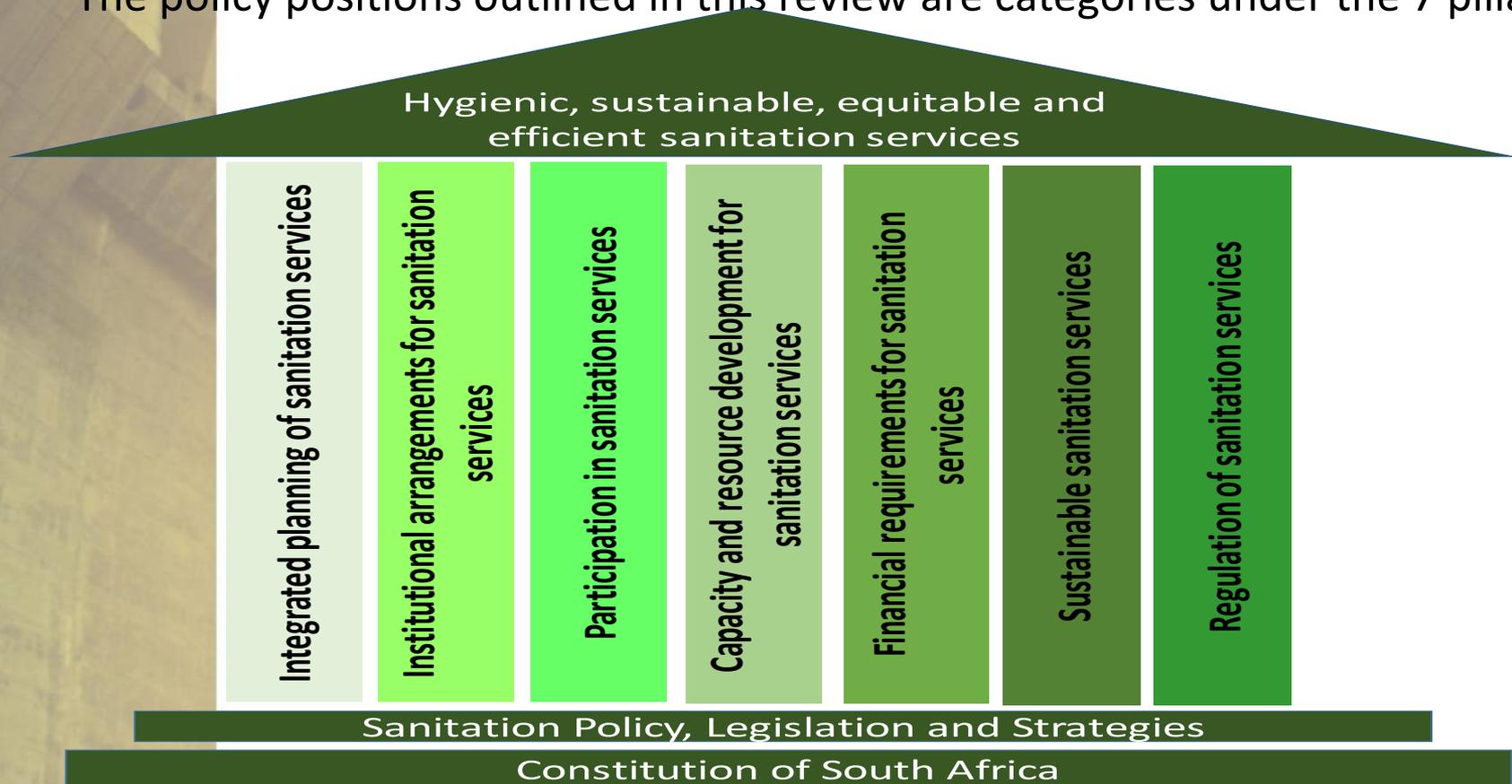
# Vision and Pillars of the policy

## Policy's Vision

- Sanitation services in South Africa contribute significantly to public health and is hygienic, equitable, sustainable and efficient for all people.

## Policy's Pillars

- The policy positions outlined in this review are categories under the 7 pillars of:



# WATER SECTOR CLIMATE CHANGE POLICY

To highlight and strengthen the linkages between the National Climate Change Response White Paper and water and sanitation sector responses.

To provide a framework for the implementation of the Climate Change Response Strategy for the water and sanitation sector.



**Current Status:**  
The Policy on its way to Minister for approval

To strengthen the development, implementation and enforcement of regulations that have implications for climate change.

To highlight the policy principles of the water and sanitation sector with regards to climate change.

# STEWARDSHIP POLICY: PURPOSE

- To define the policy framework conducive to fostering water stewardship partnerships, their respective implementation and management at the local, catchment and national level, aimed at collective responsibility towards the management and use of the nation's water resources.
- To overall advance the strategic imperatives as outlined in the NWRS2 to support the National Development Plan and Medium Term Strategic Framework.
- To make the water partners realise that internal efforts cannot address the problem of water risks alone, but that working beyond the factory fence can provide for effective water resource planning, management and use, and create accountability for water resource protection and associated actions.
- To provide policy framework and guidance to national, catchment and local water management institutions and water services institutions on their roles and responsibilities on the establishment and management of collective and collaborative actions in the water and sanitation sector.

## **Current Status:**

**The is ready for External consultations**

**The finalisation is anticipated in the end of the financial year.**

# MINE WATER MANAGEMENT POLICY

## Purpose of the Policy

- Provide the position of the DWS on Mine Water Management, including AMD and measures on protection of water resources from prospective, operational and historical mine activities that have negative quality impacts.

## Scope

- Mine Water Management, including Acid Mine Drainage (AMD) continues being a major threat to water resources.
- Mine water includes Acid Rock Drainage (ARD), Acid Mine Drainage (AMD), Neutral Mine Drainage (NMD), and Saline Drainage (SD)

### **Current Status:**

**The Policy has been by Cabinet for  
Gazetting for Public Consultation  
This Policy will be gazette in mid-late  
2017 together with the IWQM Policy**

# HYDROPOWER POLICY & PRINCIPLES

## Purpose

To provide policy position for DWS on the establishment and development of hydropower on **DWS owned infrastructure**, which include dams, barrages, wiers, irrigation systems (canals & conduits) as well as run-off river schemes as part of the long term interventions by the Department to support and contribute towards sustainable power supply in South Africa.

### **Current Status:**

**The Policy on its way to Cabinet for approval via different Clusters**

**The approval is anticipated before end of the financial year.**

# THE WETLAND POLICY

**Current Status:**  
The finalisation is anticipated before end of the next financial year 2017/18.

## Policy Principles

- **PRINCIPLE 1: WETLAND HIERARCHY OF DECISION MAKING / NO NET LOSS IN WETLAND FUNCTIONS AND VALUES**
- **PRINCIPLE 2: NO-GO AREAS**
- **PRINCIPLE 3: CATCHMENT SCALE WETLAND MANAGEMENT**
- **PRINCIPLE 4: SUSTAINABLE WETLAND SUBSISTENCE USE**
- **PRINCIPLE 5: DIFFERENTIATED WETLAND MANAGEMENT**
- **PRINCIPLE 6: CO-OPERATIVE WETLAND MANAGEMENT**
- **PRINCIPLE 7: WETLAND MANAGEMENT PARTNERSHIPS**
- **PRINCIPLE 8: PRIORITIZATION OF WETLANDS**
- **PRINCIPLE 9: TECHNICAL WETLAND EFFICIENCY**
- **PRINCIPLE 10: INFORMED DECISION MAKING./ SOUND WETLAND SCIENCE**
- **PRINCIPLE 11: WETLAND AWARENESS**
- **PRINCIPLE 12: EFFECTIVE WETLAND MONITORING**



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# **WATER FOR DEVELOPMENT: SUSTAINABLE LIVELIHOOD POLICY**

WATER IS LIFE, SANITATION IS DIGNITY

WATER IS LIFE - SANITATION IS DIGNITY

Toll Free: 0800 200 200 [www.dwa.gov.za](http://www.dwa.gov.za)

# WATER FOR DEVELOPMENT: SUSTAINABLE LIVELIHOOD POLICY

- To conduct the implementation evaluation of The Financial Assistance to Resource Poor Irrigation Farmers (FARPIF) Policy of this should be breakdown as per following major deliverables:
- Conduct an **Implementation Evaluation** study on the implementation of the financial support to Financial Assistance to Resource Poor Irrigation Farmers (FARPIF) Policy
- Conduct **feasibility study** on extending the scope of the policy to other income generation livelihood initiatives.
- Draft of the new Water for Development: Sustainable Livelihood Policy.

## **Current Status:**

**Undergoing Department of Monitoring and Evaluation appraisal process**

**Project to be commenced towards end of 2017/2018 financial year – is part of Response to recently held DAFF/ DRDLR Operation Phakisa 2016**

# REGULATION/ POLICY ON UNCONVENTIONAL GAS(INCLUDING FRACKING)

- Policy statement on unconventional gas (including fracking) will be articulated in the finalised IWQM policy in line with current Draft Regulation on unconventional gas (including fracking)
- Draft Regulation on unconventional gas (including fracking) scheduled to be gazetted in Q2.

## **Current Status:**

**The Policy Statement will be articulated on the IWQM in line with Current draft regulation which are scheduled to be gazetted in Q2.**

# Way Forward

- The Department recognises the amount of work that still needs to be done in aligning its Policy Environment, not only internally, but across Government and is working towards achieving this.
- National government must work parallel with local government in identifying community needs to ensure that they are reflected in Policy and Legislation.
- A **bottom** up approach of consultations on regular basis with stakeholders is in place to ensure responsive policies and legislation



**“Water is life” and “Sanitation  
is dignity”**