

# The Provision of Municipal Waste Management Services: *Quo Vadis?* (Uyaphi?)

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**Reece C Alberts**

**Centre for Environmental Management**  
**North West University**

Internal Box 150  
North-West University  
Potchefstroom Campus  
Private Bag X6001  
POTCHEFSTROOM  
2520

Tel: +27 (0) 18 299-1581

Fax: +27 (0) 18 299-4266

E-Mail: [12991805@nwu.ac.za](mailto:12991805@nwu.ac.za)

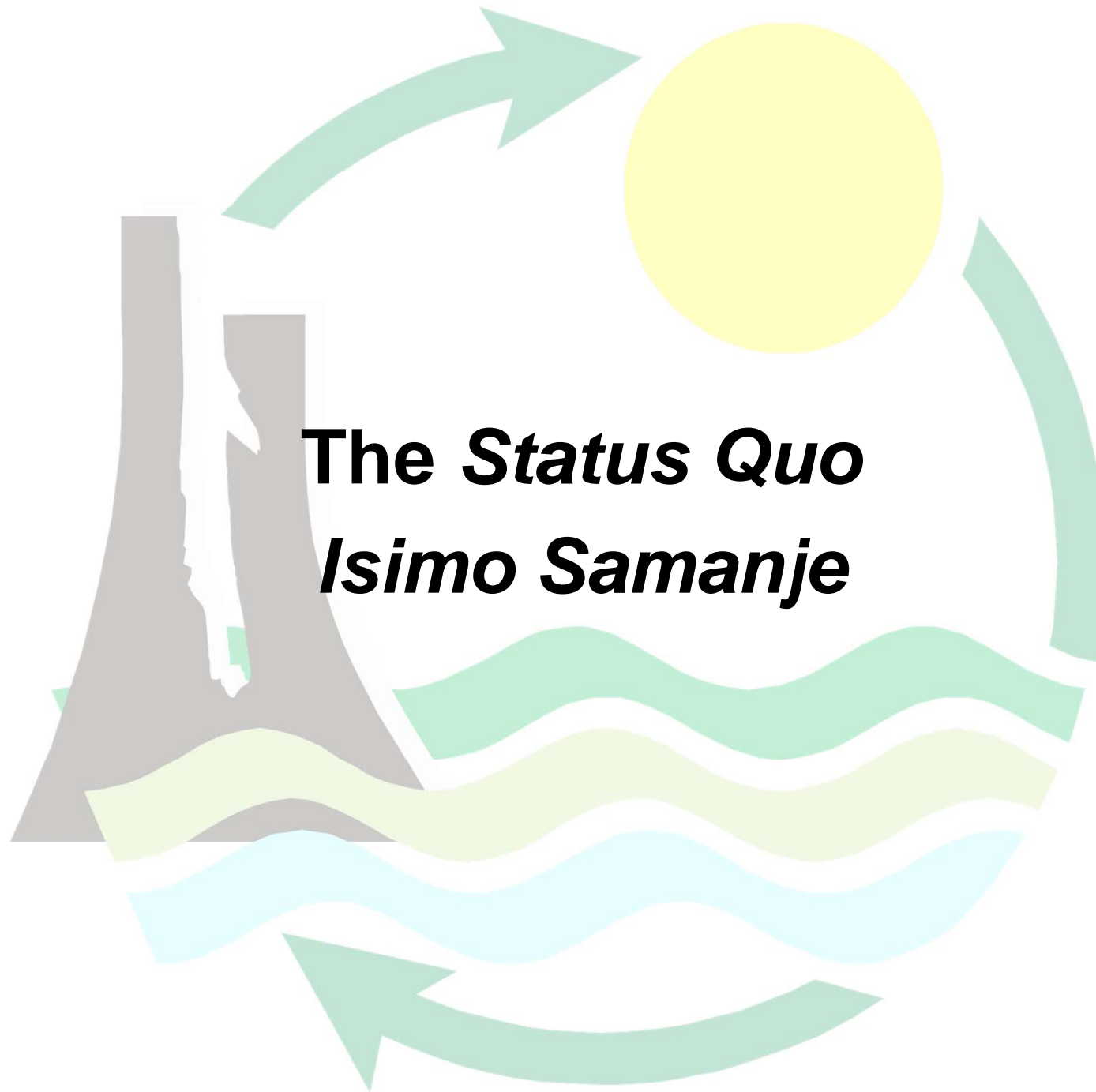
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# Presentation Outline

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- 🌐 **The *Status Quo***
  
- 🌐 **The way forward**
  - 🐟 **The National Waste Management Strategy**
  
- 🌐 **Conclusions**





# Status Quo

- 🌐 **Waste Management in SA faces numerous and wide ranging challenges**
  - 🐟 **Growing Population and Economy = Increased Waste**
  - 🐟 **Increased complexity of the Waste Stream = Complex management**
  - 🐟 **Historical backlog of waste management services**
  - 🐟 **Limited understanding of the main waste flows & nat. Waste balance**



# Status Quo

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- **Policy and Regulatory Environment that does not actively promote the waste management hierarchy**
- **Absence of recycling infrastructure**
- **Growing pressure on deteriorating waste infrastructure**
- **Persuasive under-pricing of waste management services**
- **Few options other than land filling**
- **Lack of adequate, compliant landfills and hazardous waste management facilities.**

★ *Department of Environmental Affairs, National Waste Management Strategy*





# Status Quo

- 🌐 **Specifically at a Local Government Level.....**
- 🌐 **Problems identified at Local Government level include but are not limited to**
  - 🐟 **39% of households (50% of population) are not receiving regular municipal waste collection services**  
🐟 *Stats SA, 2007*
  - 🐟 **DEAT 2007 Capacity assessment findings:**



# Status Quo

- 🌐 **Waste service function often unaccounted for in small rural towns**
- 🌐 **Few middle and top managers**
- 🌐 **Shift towards outsourcing of recycling function**
- 🌐 **87% of municipalities do not have capacity on infrastructure to pursue waste minimisation**
- 🌐 **Metros and secondary municipalities have to deal with 54% of national waste service backlogs**



# The Way Forward





# NEMWA

## National Environmental Management Waste Act 59 of 2008




 Section 2, Objects of the Act, include *inter alia*

- ★ Waste Management Hierarchy
- ★ Sec 2(a)(vii) – Promoting and ensuring the effective delivery of waste services
- ★ Sec 2(a)(ix) - Achieving integrated waste management reporting and planning



# The Strategy: Binding?

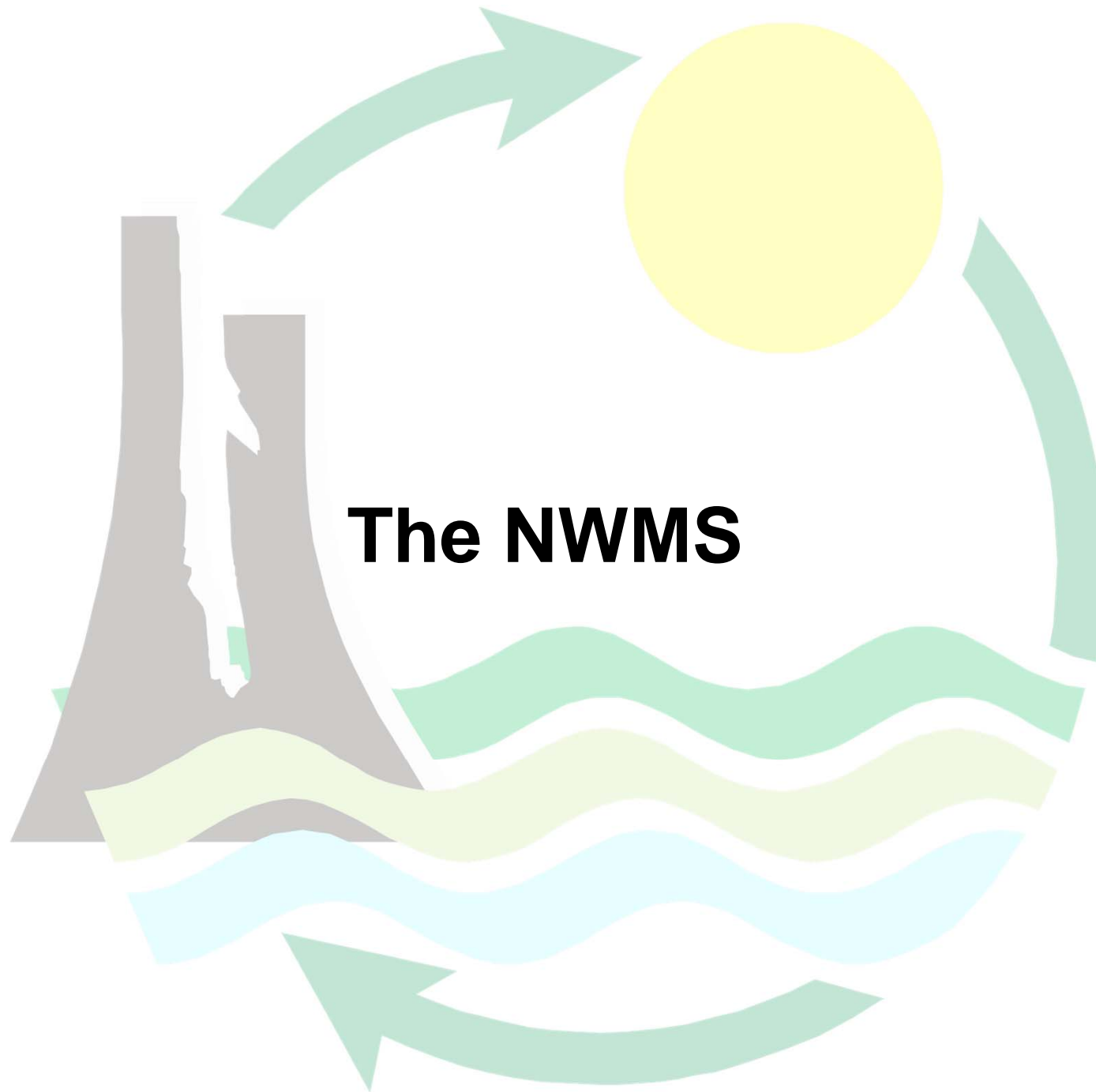
## National Waste Management Strategy

-  Legislative requirement in terms of the NEMWA, *Chapter 2 Part 1*.
  - ★ Published for immediate implementation May 4<sup>th</sup> 2012 in GG 35306
-  Overall purpose is to give effect to the objects of NEMWA
-  Binding on Local Government?
  - ★ Sec 3(a) of NEMWA: “binds all organs of state in all spheres of government, and all persons if and to the extent applicable..”
  - ★ Sec 4: “An organ of state must give effect to the NWMS when exercising a power or performing a duty in terms of this Act or any other legislation regulating waste management.”



# The Strategy: Binding?

- 🌐 **The NWMS itself states that:**
  - 🐟 *“Organs of state and affected persons are obliged to give effect to the NWMS”*
- 🌐 **NB to consider Beja and Others**
  - 🐟 Housing Code ito of the Housing Act 107 of 1997
- 🌐 **NWMS may thus be considered as being binding?**
- 🌐 **Secondary Legislation?**
  - 🐟 **Positive: Executive involvement**







# The NWMS

- 🌍 **The NWMS is structured around a framework of 8 goals, each with targets that must be met by 2016.**
- 🌍 **Goal 1**
  - 🐟 **Promote waste minimisation, re-use, recycling and recovery of waste.**
    - ★ **25% of recyclables diverted from landfill sites for re-use, recycling and recovery.**
    - ★ **All metropolitan municipalities and secondary cities and large towns to have initiated separation at source programmes.**





# The NWMS

## Goal 2

-  **Ensure the effective and efficient delivery of waste services**
  - ★ **95% of urban households and 75% of rural households have access to adequate levels of waste collection services.**
  - ★ **80% of waste disposal sites have permits**



# The NWMS

## Goal 3

-  **Grow the contribution of the waste sector to the green economy**
  - ★ **69 000 new jobs created in the waste sector**
  - ★ **2 600 additional Small Medium Enterprises and cooperatives participating in waste service delivery and recycling**



# The NWMS


## Goal 4

-  **Ensure that people are aware of the impact of waste on their health, well-being and the environment**
  - ★ 80% of municipalities running local awareness campaigns**
  - ★ 80% of schools implementing waste awareness programmes**



# The NWMS

## Goal 5


-  **Achieve integrated waste management planning.**
  - ★ All municipalities have integrated their Integrated Waste Management Plans (IWMPs) with their Integrated Development Plans (IDPs) and have met the targets set in the IWMPs**
  - ★ All waste management facilities required to report to the South African Waste Information System (SAWIS) and have waste quantification systems that report information to the Waste Information System (WIS)** © CEM





# The NWMS

## Goal 6


-  **Ensure sound budgeting and financial services for waste services**
  - ★ All municipalities that provide waste services have conducted full-cost accounting for waste services and have implemented cost reflective tariffs**





# The NWMS


## Goal 7

-  **Provide measures to remediate contaminated land.**
  - ★ **Assessment complete for 80% of sites reported to the contaminated land register.**
  - ★ **Remediation plans approved for 50% of the confirmed contamination sites.**



# The NWMS

## Goal 8

-  **Establish effective compliance with and enforcement of the Act.**
  - ★ **50% increases in the number of successful enforcement actions against non-complaint activities.**
  - ★ **800 EMI's appointed in the three spheres of government to enforce NEMWA.**



# Tools for Achieving the NWMS Goals

## Tools for achieving the NWMS Goals, include *inter alia*

-  ***The Waste Classification and Management System***
-  ***Norms and Standards***
  -  ***National Domestic Waste Collection Standards GN 21 in GG33935 of 21 January 2011***
    -  ***Enforceability of N&S***
-  ***The licensing of certain waste related activities***
-  ***Priority Wastes***
-  ***Economic Instruments***



# Other Considerations

- 🌐 **National Policy for the Provision of Basic Refuse Removal Services to Indigent Households**
  - 🐟 **GN 413 in GG 34385 of 22 June 2011**
    - ★ **Recognises differentiated capacities**
- 🌐 **National Environmental Management Waste Act: Municipal Waste Sector Plan: Challenges with Waste Service Provision in South Africa**
  - 🐟 **GN 270 in GG 35206 of 30 March 2012**





# Local Government and the Implementation the NWMS





# Implementing the NWMS

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- 🌐 **Provide Waste Management Services in pursuit of Goal 2**
  - 🐟 **Policy on Basic Refuse Removal**
  - 🐟 **Municipal Waste Sector Plan: Challenges with Waste Service Provision in South Africa**
  - 🐟 **National Domestic Waste Collection Standards**
- 🌐 **Collaboration with Industry into Hierarchy**



# Implementing the NWMS

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- 🌐 **Facilitate local solutions such as Material Recovery Centres and buy back centres, rather than trying to provide for the entire recycling infrastructure themselves.**
- 🌐 **Waste Management Officers**
  - 🐟 **Management of stakeholders in the implementation of NEMWA at a local level**
  - 🐟 **Liaising with EMI compliance monitoring activities in the municipality.**
  - 🐟 **IWMP's**
  - 🐟 **Reporting and Planning Cycles**
  - 🐟 **Monitor adherence to Norms and Standards**



# Implementing the NWMS

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- 🌐 **IWMP's incorporated into IDP's**
- 🌐 **May set local waste service standards for waste separation, compacting, management and disposal of solid waste.**
  - 🐟 **These standards must however be aligned with any provincial and national standards where these exist**
- 🌐 **Capacity Building**



# Implementing the NWMS



## Need for staff who

- Can undertake integrated waste management planning
- Competent EMI's across all three spheres to implement the Waste Act
- Manage internal waste service delivery
- Manage contracts with outsourced service providers
- Plan and establish recycling facilities
- Can undertake full cost accounting
  - ★ Ring fence waste service budgets, implement cost reflective volumetric tariffs
  - ★ Implement the free basic services policy for indigents through subsidies



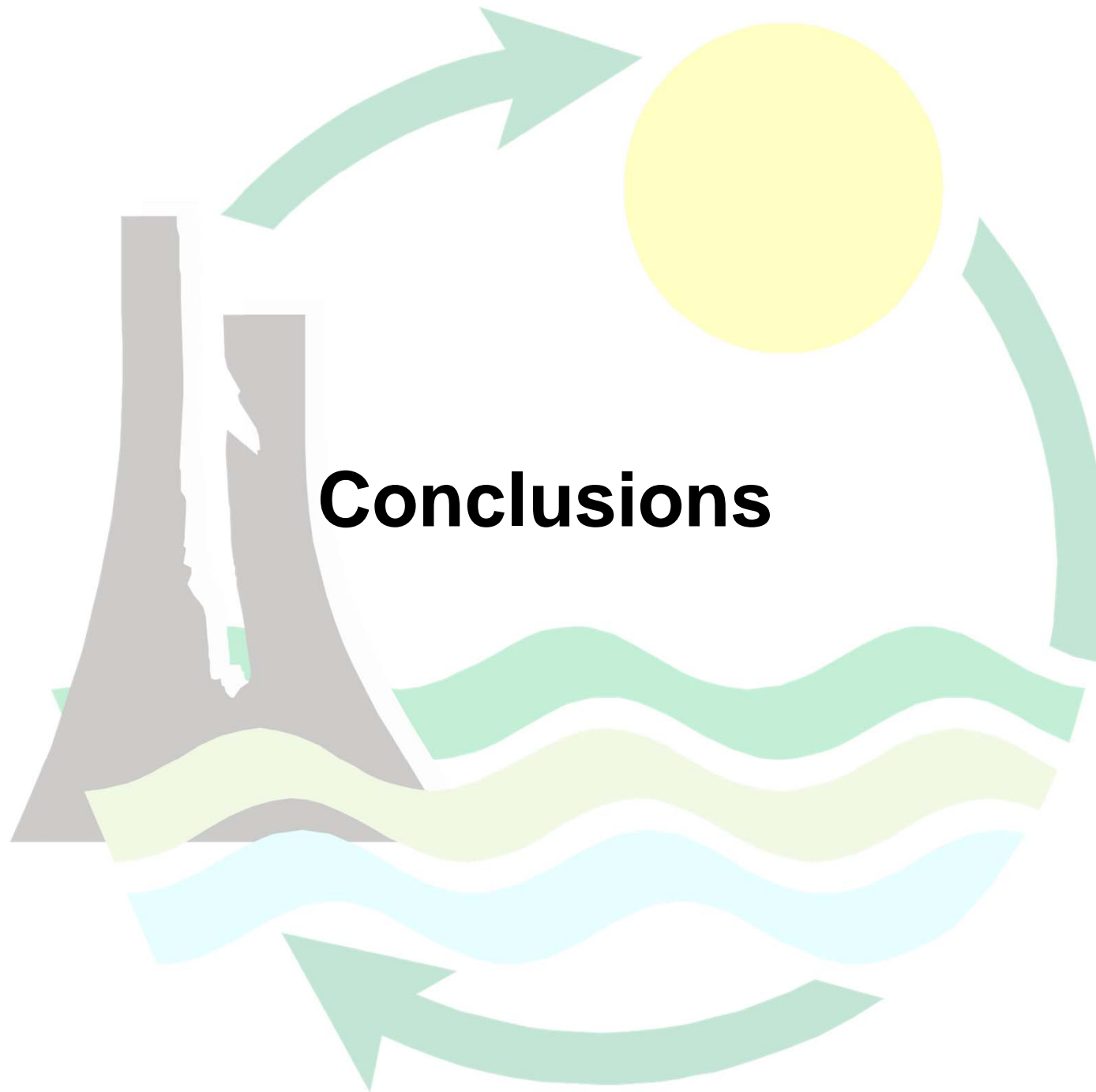


# Implementing the NWMS

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- **Need staff who in terms of financial planning can plan capital expenditure based on infrastructure modelling**
- **Staff who can effectively communicate with communities about proper waste management practices**
- 🌐 **Need for coordinated capacity building programme has been identified**
  - **DEA, SALGA and Provinces to initiate a training programme.**







# Conclusions

- 🌐 **NWMS, if binding, places numerous duties on Local Authorities**
- 🌐 **Questions abound**
  - 🐟 **Realistic timeframes? (5 year review)**
  - 🐟 **Reasonable expectations (95% service delivery by 2016)**
  - 🐟 **Fiscal Implications**
  - 🐟 **Enforcement of the NWMS**
  - 🐟 **NWMS requires that energy recovery options be explored should RRR not be viable**



# Questions?????

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PEOPLE



PLANET



PROFIT



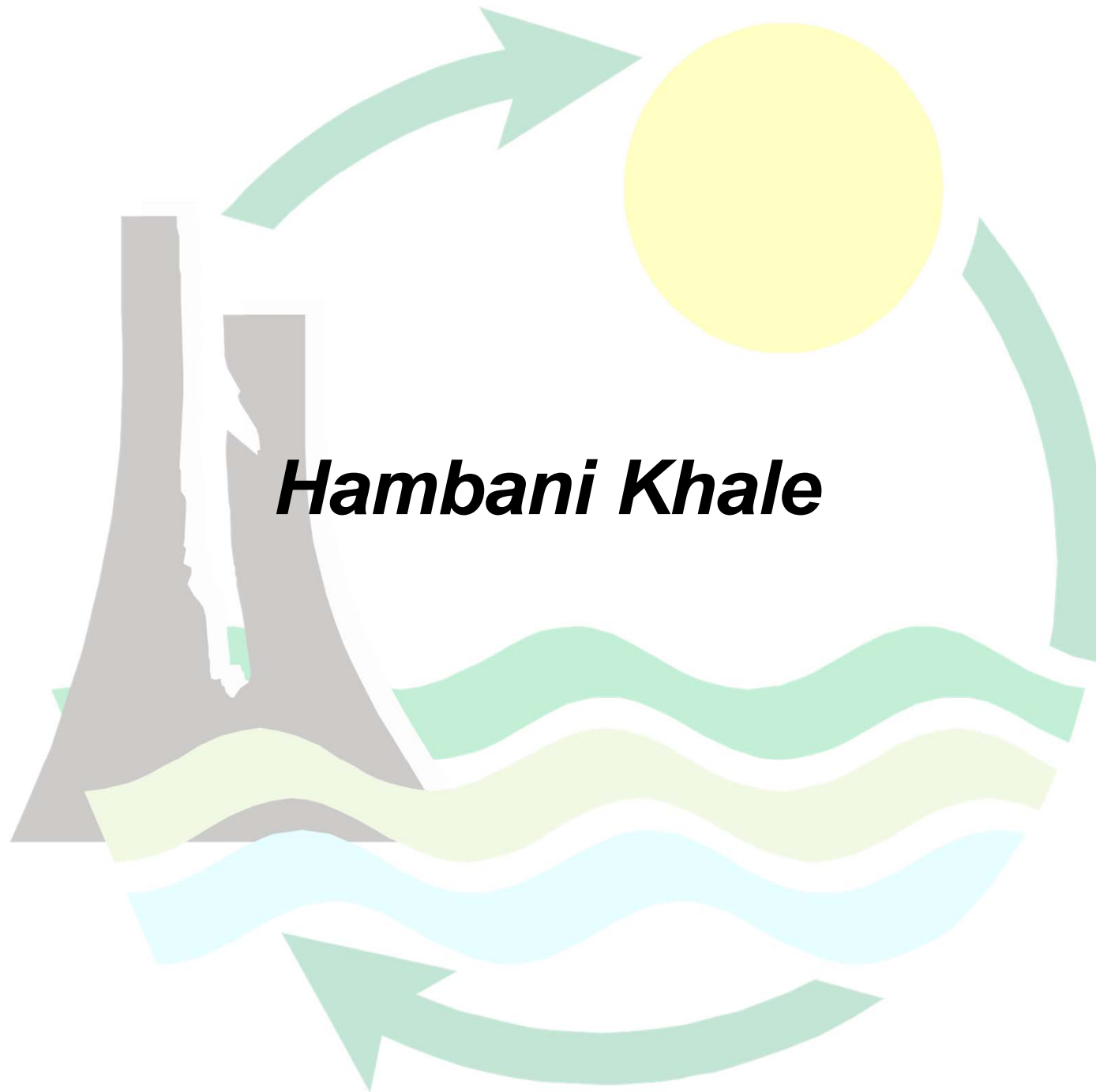
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training solutions  
for a  
sustainable future



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***Hambani Khale***