

4th WASTE MANAGEMENT OFFICER'KHORO

“MAKING THE MANAGEMENT OF WASTE A COLLECTIVE EFFORT”

NW PROGRESS REPORT ON IMPLEMENTATION ON NWMS

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NW DEDECT

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OUTLINE

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BACKGROUND OF THE NORTH WEST PROVINCE

- NWP Comprises of four District Municipalities and 19 Local Municipalities
- Has a total area of 104882km (roughly 8.59% of South Africa)
- Population of 3.5 million



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BACKGROUND Cont..

- Mining forms the backbone of the Provincial economy
- NWP generates 94% of South Africa's platinum production
- Agriculture is the 2nd most sector
- Tourism is widely considered to have a major growth potential



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North West: Implementation of NWMS

NWMS Goal 1	NW PIWMP Goal 4	Achievement	Challenges
Promote waste reuse, recycling and recovery of waste.	• Recycling - Reduction of waste to the landfill sites by 20 % .	<ul style="list-style-type: none"> •15% waste diverted from landfills. • Royal Bafokeng within Rustenburg Local Municipality (separation at source) 	<ul style="list-style-type: none"> • Double reporting (middle man e.g. Remade Co.)
NWMS Goal 2	NW PIWMP Goal 1	Achievement	Challenges
Ensure the effective and efficient delivery of waste services	Minimum service standard and cost recovery	<ul style="list-style-type: none"> • 100 % urban weekly collection in all municipalities (Kerb site). • Rural - Mafikeng 54%, Moses Kotane 100 %, Rustenburg LM 92%, Madibeng 70%. • 52 % of landfills permitted 	<ul style="list-style-type: none"> •Most municipalities that struggle a lot with revenue collection as a result waste services suffers as waste management requires infrastructure and operational costs.



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North West: Implementation of NWMS

NWMS Goal 3	NW PIWMP Goal 3	Achievement	Challenges
Grow the contribution of the waste sector to the green economy	Organic waste treatment/ composting	<ul style="list-style-type: none"> •Supporting the development of two buy back centres (Mfidikwe and Mahikeng) •Registered four cooperatives for waste recycling • 28 Jobs created •Job opportunities to be created is 25 for EPWP on waste this financial year •Waste learnership for 40 learners •Total budget for both EPWP and learnership is R2 million . 	<ul style="list-style-type: none"> •Delays in acquiring land.



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North West: Implementation of NWMS

NWMS Goal 3	NW PIWMP Goal 3	Achievement	Challenges
Grow the contribution of the waste sector to the green economy	Organic waste treatment/ composting	<ul style="list-style-type: none"> •Sun City started a Composting project within their premises. •Tlokwe (in partnership with NWU) piloted project on composting of sludge and garden refuse as manure . 	<ul style="list-style-type: none"> •Tlokwe project did not expand due to financial constraints



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North West: Implementation of NWMS

NWMS Goal 4	NW PIWMP Goal 8	Achievement	Challenges
Ensure that people are aware of the impact of waste on their health well-being and environment.	Education and awareness.	<ul style="list-style-type: none"> • Provincial Waste Forum : Stakeholders meet quarterly since Sep 2009. • Environmental Forum meet on quarterly basis • 43 Eco schools registered in 2012. • 64 active Environmental clubs established with total of 939 members • Communities: Two villages/group per District Municipality per month educated on sustainable utilisation of natural resources 	<p>Attendance not satisfactory</p> <p>Consistency in membership</p>



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North West: Implementation of NWMS

NWMS Goal 4 continues...	NW PIWMP Goal 8	Achievement	Challenges
<p>Ensure that people are aware of the impact of waste on their health well being and environment.</p>	<p>Education and awareness.</p>	<ul style="list-style-type: none"> • Developed a module on waste management to support environmental education at schools. • Four existing Environmental Education centers (Pilanesbrg, Lotlamoreng, Buxton and Madibeng). 	<p>The geographical spread is not responsive to the needs on the ground due to unavailability of suitable infrastructure</p>



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North West: Implementation of NWMS

NWMS Goal 5	NW PIWMP Goal 7	Achievement	Challenges
<p>Achieve integrated waste management planning</p>	<p>Monitoring, assessment and remediation</p> <p>(Annual Audit of Municipalities waste management against agreed service levels and IWMP's.)</p>	<ul style="list-style-type: none"> • Provincial IWMP (2008) on implementation stage and due for review. • All 4 district have first generation of IWMP but due for review. • 2 LMs submitted IWMP for approval (Mahikeng and Matlosana). • 6 LMs in process of development (Ramotshere, Ratlou, Venterdorp, Maquassi Hills, Tlokwe and Moretele.). • All municipal waste facilities have registered on SAWIS 	<ul style="list-style-type: none"> • Municipalities are faced with the challenge of meeting basic needs like water and electricity before they focus on waste management as result waste management suffers. • Capacity constraints at provincial and municipal levels. • Reporting on the system not done

North West: Implementation of NWMS

NWMS Goal 6	NW PIWMP Goal 1	Achievement	Challenges
Ensure sound budgeting and financial management for waste services	Minimum service standard and cost recovery	<ul style="list-style-type: none"> • 2 Training sessions for CFO's and Technical Directors on waste management was conducted in partnership with DEA. • Attendance was satisfactory except by CFOs as only 3 attended. 	<ul style="list-style-type: none"> • Waste management is not considered as a basic need as a result is suffers. • More efforts are directed on waster and electricity needs.



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North West: Implementation of NWMS

NWMS Goal 7	NW PIWMP Goal 6 and 7	Achievement	Challenges
Provide measures to remediate contaminated land	Hazardous waste management and monitoring, assessment and remediation	Compliance and enforcement section attend to all emergency incidents concerning spillages of hazardous substances as per NEMA section 30.	Lack of resources.



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North West: Implementation of NWMS

NWMS Goal 8	NW PIWMP Goal 7	Achievement	Challenges
Establish effective compliance with enforcement of the Waste Act	Monitoring, risk assessment and remediation 7.2 Identify serious non-compliances and problem areas and implement interventions	The following administration tools are issued to non-compliance: • Verbal warning, Warning letters, Pre – Directives, Directives, Pre – compliance Notice, Compliance Notice • 11 EMIs trained (province) and designated to enforce Waste Act. • EMI Implementation Protocol signed with BPDM and for other three District Municipalities the protocols are with the MEC for signature.	• Lack of capacity at provincial and municipal level.



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SUMMARY

1. Number of designated Waste Management Officers :- Four (4)

- Naledi LM
- Tlokwe LM
- Madibeng LM
- Matlosana LM



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SUMMARY CONT..

2. Provincial Waste Forum

- Established in 2009. Members meet once in a quarter.

3. Progress against outcome 10

- % of households with basic waste collection services**
- Province is at 50.1% waste collection service (Census 2011)



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SUMMARY CONT..

% of Licensed Landfill Sites

- 2012/13: 45%
- 2013/14: 52%

Number of Waste Licenses Processed

- 46 licenses have been issued since the promulgation of Waste Act.

%Waste Diverted/Reclaimed from Landfills for Reuse, Recycling and Recovery

- 15,63% : Recycled



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SUMMARY CONT....

4. Status of the development/review of IWMP

- All district (4) have IWMP but due for review.
- 2 LMs submitted IWMP for approval.
- 6 in process for development



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SUMMARY CONT..

5. Status and development/review of waste management By-laws

- All Municipalities have By- laws on refuse removal which are **outdated** and need to be revised
- Rustenburg – by-laws on waste management revised and gazetted by 12 June 2012.
- Tlokwe LM – Draft Bylaws (to be approved by Council)
- Naledi LM _ Draft Bylaws (to be approved by Council)



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SUMMARY CONT..

6. Status of public awareness initiated by the Province

- Provincial Waste Forum : Stakeholders meet quarterly
- 43 Eco schools: 5 schools per quarter
- School educators: once a month in 43 schools
- 62 Environmental clubs
- Communities: Two per District Municipality per month
- 4 Environmental Education centers



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SUMMARY CONT..

7. Provincial interventions and planned activities

- Audit of waste management facilities started.
- Annual audits of municipalities on bylaws and IWMPs
- Increase number of EMI's to address serious non-compliance within the waste sector.
- Fast-track the signing of EMI Protocols with the municipalities to enhance enforcement



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