

EASTERN CAPE PROVINCIAL REPORT 2019

WASTE KHORO KIMBERLY

2019



Province of the
EASTERN CAPE

ECONOMIC DEVELOPMENT,
ENVIRONMENTAL AFFAIRS & TOURISM

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Introduction

- The NWMS binds all spheres of government (**including municipality**) and all persons who must give effect to the NWMS when exercising a power or performing a duty in terms of NEM: WA or any other legislation regulating waste management.
- The NWMS is structured around a framework of eight (8) goals
- The Eastern Cape is the second largest province in South Africa in terms of geographical area covered. The Eastern Cape covers 168,966 km².
- It is comprised of six district municipalities, 31 local municipalities and two metropolitan municipalities.



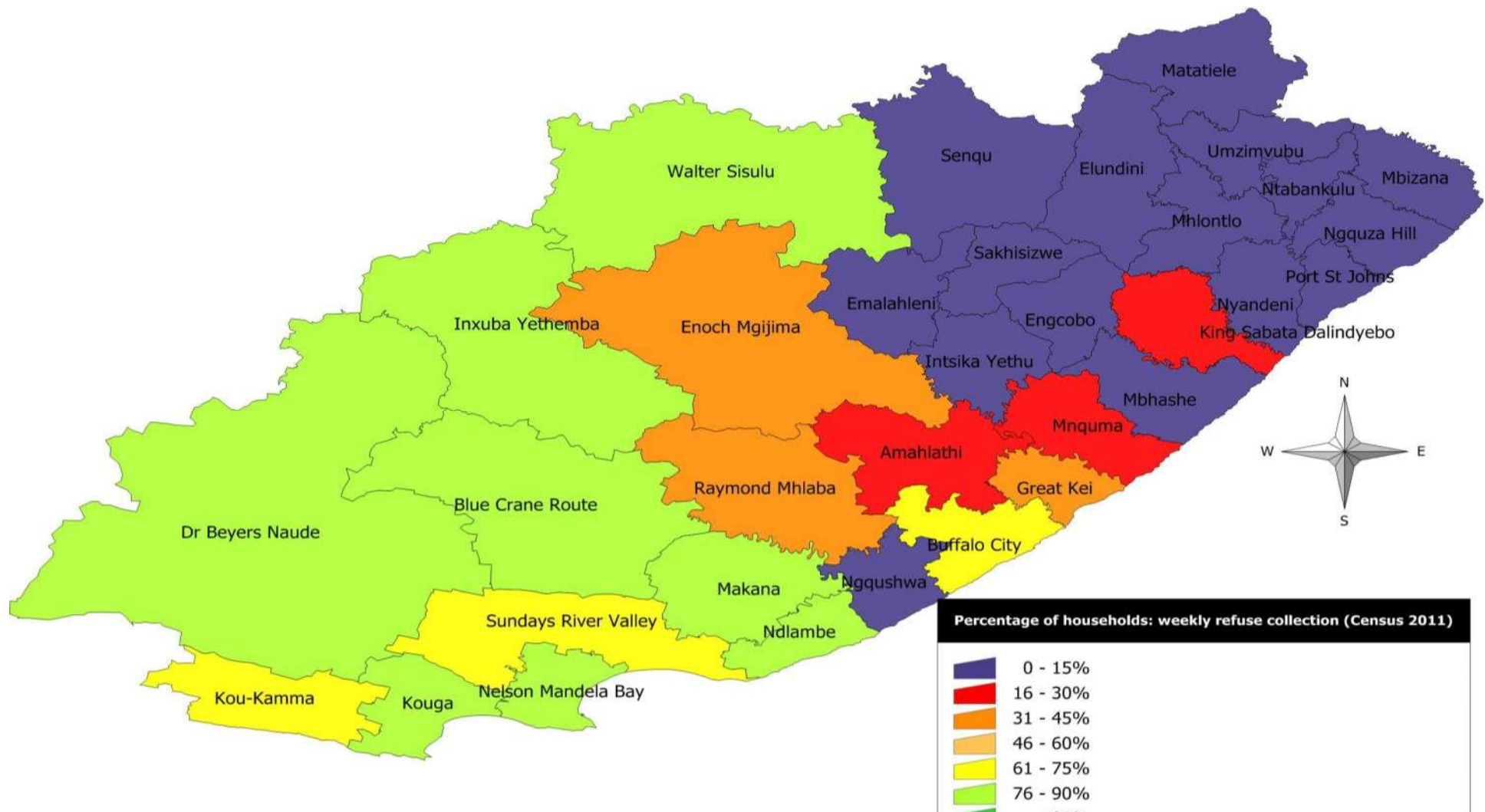
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Waste Generation & Service Provision

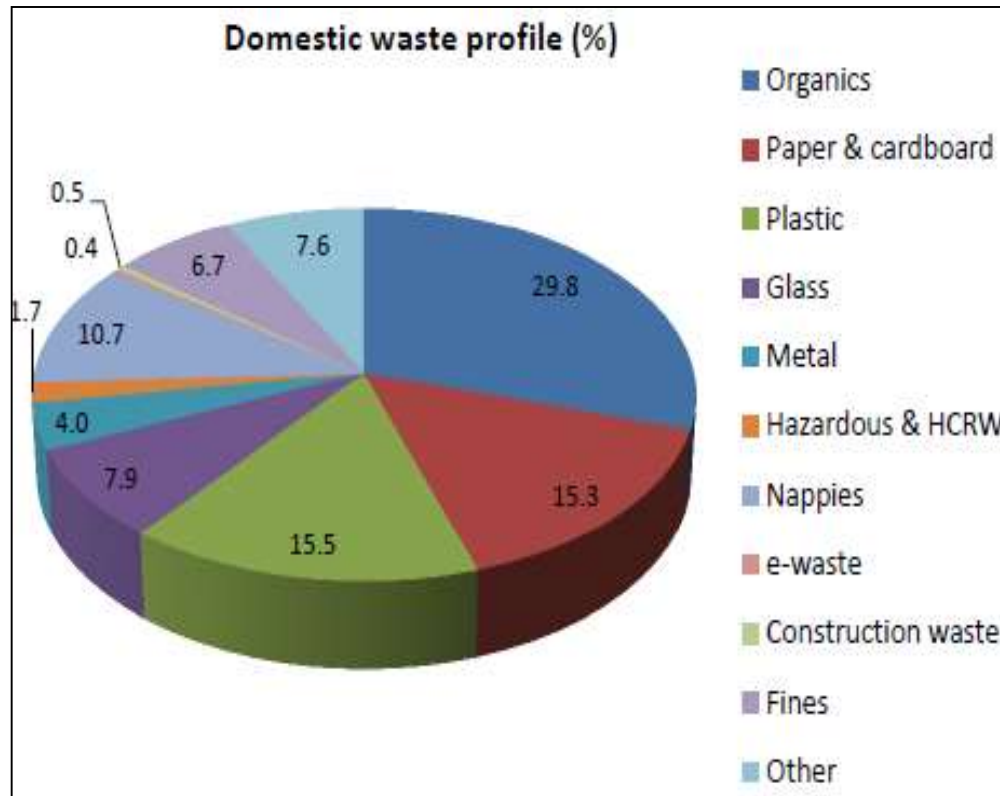
- EC domestic waste generation = **3,245.7 t/d**
- **1,184,668.4 tonnes/year**



Domestic Waste Stream Composition

43% of the Eastern Cape domestic stream is mainstream recyclables

Plastic – 15.5%
Paper & cardboard – 15.3%
Glass – 7.9%
Metal – 4.0%
E-waste – 0.4%



Goal 1: Promote waste minimization, reuse, recycling and recovery of waste

Targets:

- 25% of recyclables diverted from sites for re-use, recycling or recovery
- All metropolitan municipalities, secondary cities and large towns have initiated separation at source programmes

Measures	Location
Waste Separation at Source	A Nzo, Amathole, Sarah Baartman DMs
Material Recovery Facilities	Joe Gqabi, BCMM, NMBM, CHDM, SBDM
Buy-Back / Drop-Off Facilities	ORT, NMBM, CHDM, BCMM,
Composting Facilities	Amathole, CHDM, SBDM



Goal 2: Ensure the effective and efficient delivery of waste services

Targets:

- *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*
- 11 of the 31 municipalities have piloted S@S
- However, not all local municipalities have developed waste minimisation and recycling plans.



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Waste Disposal Facilities

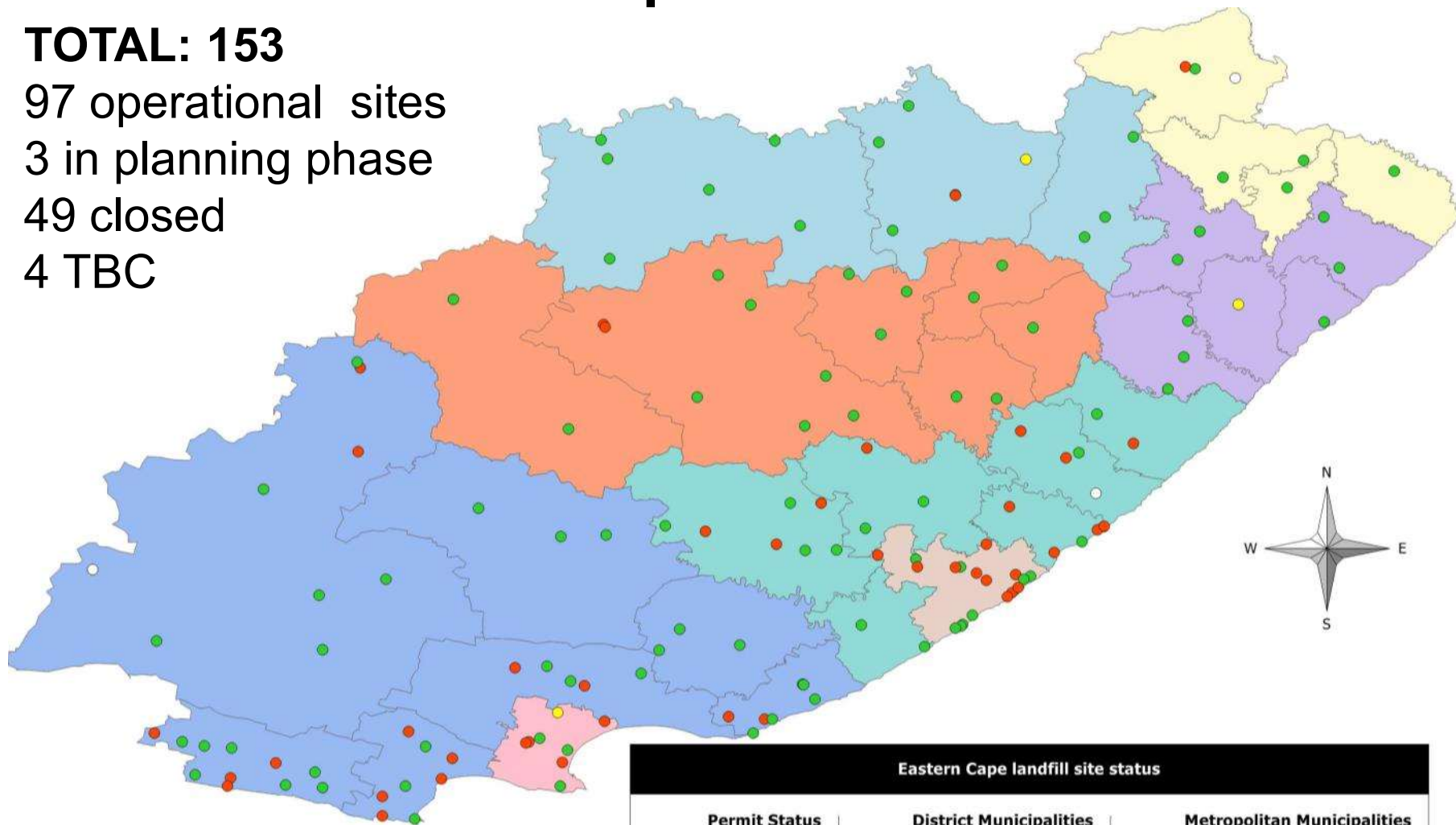
TOTAL: 153

97 operational sites

3 in planning phase

49 closed

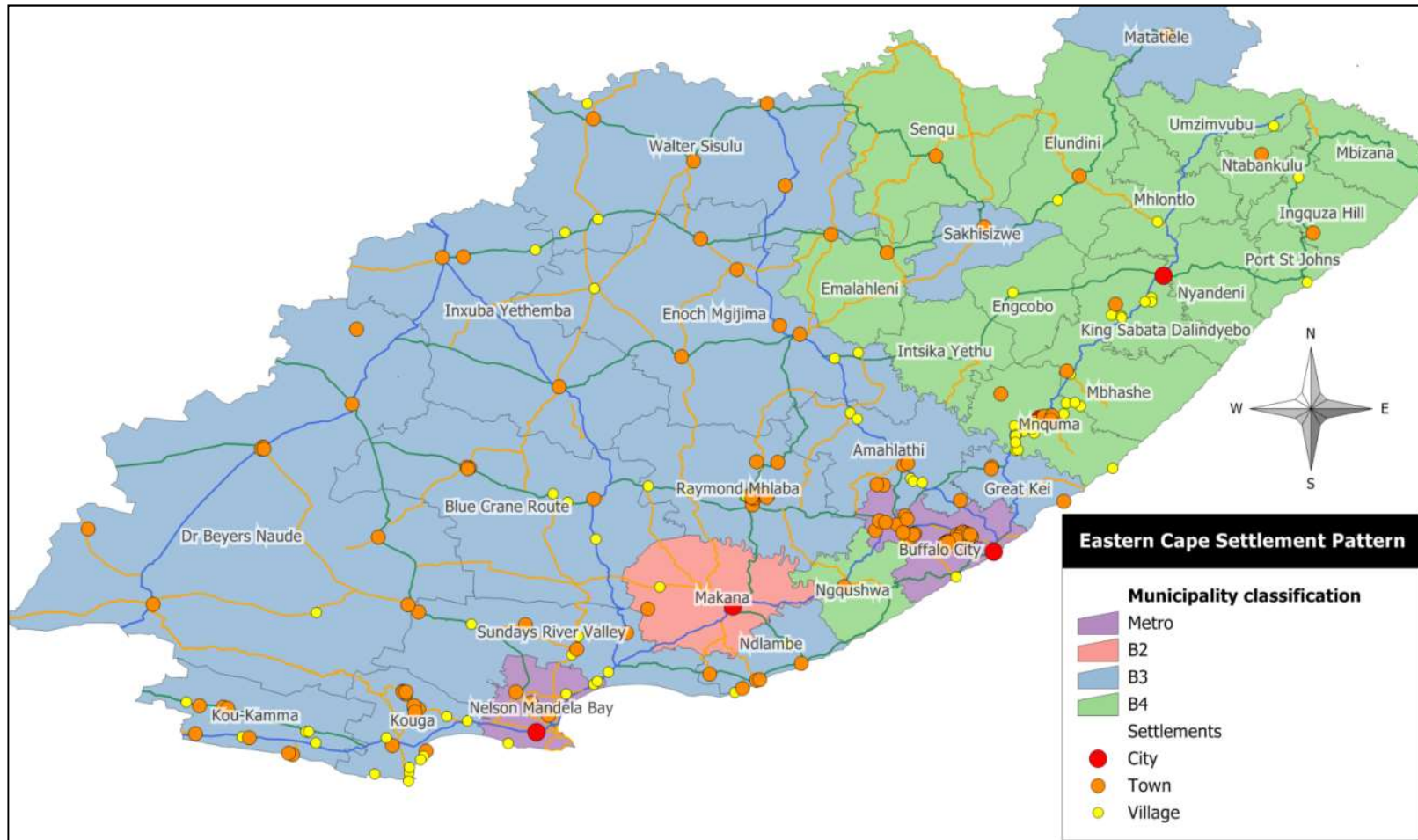
4 TBC



Recycling Challenges

Dispersed population

- Average population density of 39 persons/km²
- Large transportation distances to markets



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Goal 3: Grow the contribution of the waste sector to the green economy

Targets:

- *69 000 new jobs created in the waste sector*
- *2 600 additional SMEs and cooperatives participating in waste service delivery and recycling*
- DEDEAT funded waste projects to the value of R 28,577,000 spread out in all DMs in the past 5yr term
- Through the EPWP 566 jobs were created in the Eastern Cape.
- The beneficiaries were largely employed as landfill site assistants, waste collectors, administrators and environmental awareness educators



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Goal 4: Ensure that people are aware of the impact of waste on their health, well-being and the environment

Targets:

- *80% of municipalities running local awareness campaigns.*
 - *80% of schools implementing waste awareness programmes*
- DEDEAT is making use of the Waste Awareness Strategic Framework which specifies the number and type of events and sets targets for awareness raising through the EES Unit in collaboration with municipalities
 - 48% of municipalities are undertaking awareness campaigns
 - Waste awareness programmes have been incorporated into the school curriculum



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Goal 5: Achieve integrated waste management planning

Targets:

- *All municipalities have integrated their IWMPs with their IDPs, and have met the targets set in IWMPs*
- *All waste management facilities required to report to SAWIS have waste quantificationsystems that report information to WIS*

- 12 municipal IWMPs have been endorsed by MEC DEDEAT
- 2 IWMPs are outstanding – Ngqushwa and and Ingquza Hill
- 3 newly formed LMs still have to develop IWMPs:
 - Raymond Mhlaba
 - Walter Sisulu
 - Dr Beyers Naude
- 10 Municipal IWMPs are out of date
- Only 3 DMs (Alfred Nzo, Amathole & O.R. Tambo) have IWMPs



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Goal 6: Ensure sound budgeting and financial management for waste services

Target:

•All municipalities that provide waste services have conducted full-cost accounting for waste services and have implemented cost reflective tariffs

- Only 1 municipality has undertaken a full cost accounting exercise.
- Most municipalities increase waste tariffs in line with inflation, approximately 6% per year
- Payment of tariffs ranges from 13% - 80% of customers. Low payment rates are a concern as tariffs are one of the key mechanisms which municipalities use to fund waste management services



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SA Waste Information System

- Only 16/31 LMs are reporting on the SAWIS
- Only 25 landfill sites registered on SAWIS
- Majority of private companies are not registered or reporting on SAWIS



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Goal 8: Establish effective compliance with and enforcement of the Waste Act

Targets:

- *50% increase in the number of successful enforcement actions against noncompliant activities.*
- *800 EMIs appointed in the three spheres of government to enforce the Waste Act.*
- The majority of local municipalities have developed waste management by-laws.
- However, the enforcement of waste management by-laws is lacking.
- The key reasons is due to a lack of peace officers appointed to enforce by-laws.



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Some Achievements

- Piloting of plastic roads in the EC
- A typical road mix includes 10% bitumen which is extracted from crude oil – plastic could replace a portion on bitumen
- 1km of road could use 1 million plastic bags



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Urban

- S@S – in accessible areas
- Drop-off facilities in areas where door-to-door is not possible

Rural

- Drop-off facilities
- Mobile buy-back centres



Future Plan

1. Ensure sufficient institutional capacity to implement integrated waste management

2. Improved integrated waste management and future planning

3. Increased waste minimisation, re-use, recycling and recovery

4. Effective waste information management

5. Improved waste facility management

6. Provide effective and financially viable services

7. Improved education, awareness and waste information sharing

8. Effective compliance monitoring and enforcement



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Thank you



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