



**Western Cape
Government**

Environmental Affairs and
Development Planning

BETTER TOGETHER.

WESTERN CAPE GOVERNMENT PROVINCIAL REPORT ON THE WASTE ACT & NWMS IMPLEMENTATION AND PLANNING FOR THE NEXT 5 YEARS

Eddie Hanekom
Director Waste Management

WC 2nd generation Integrated Waste Management Plan (2017)

Guide waste management in the WC

● Vision

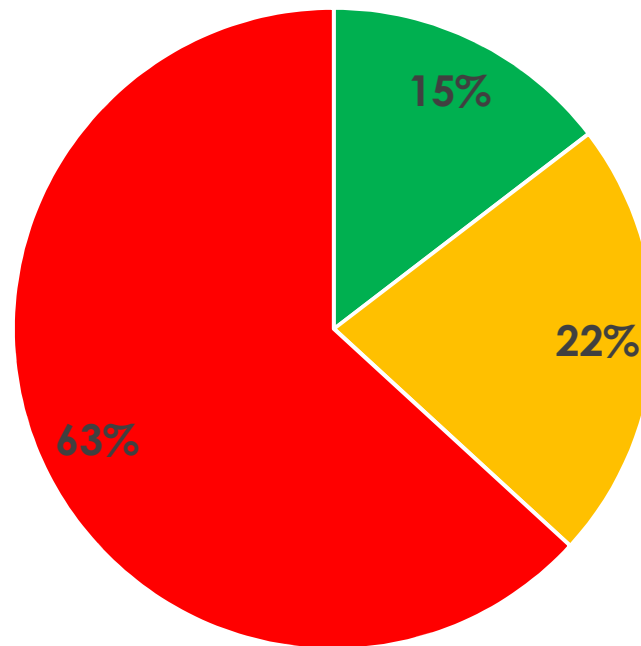
- Building a resource-efficient society that ensures a clean environment.



Implementing WC IWMP- 2014 to 2019

3.1.6 Number of compliance inspections conducted - 347

● 3.1.6 Number of waste management facilities audited = 315



- Compliant (Green) (46 Facilities)
- Partially Compliant (Amber) (70 Facilities)
- Non-Compliant (Red) (199 Facilities)

Implementing WC IWMP- 2014 to 2019

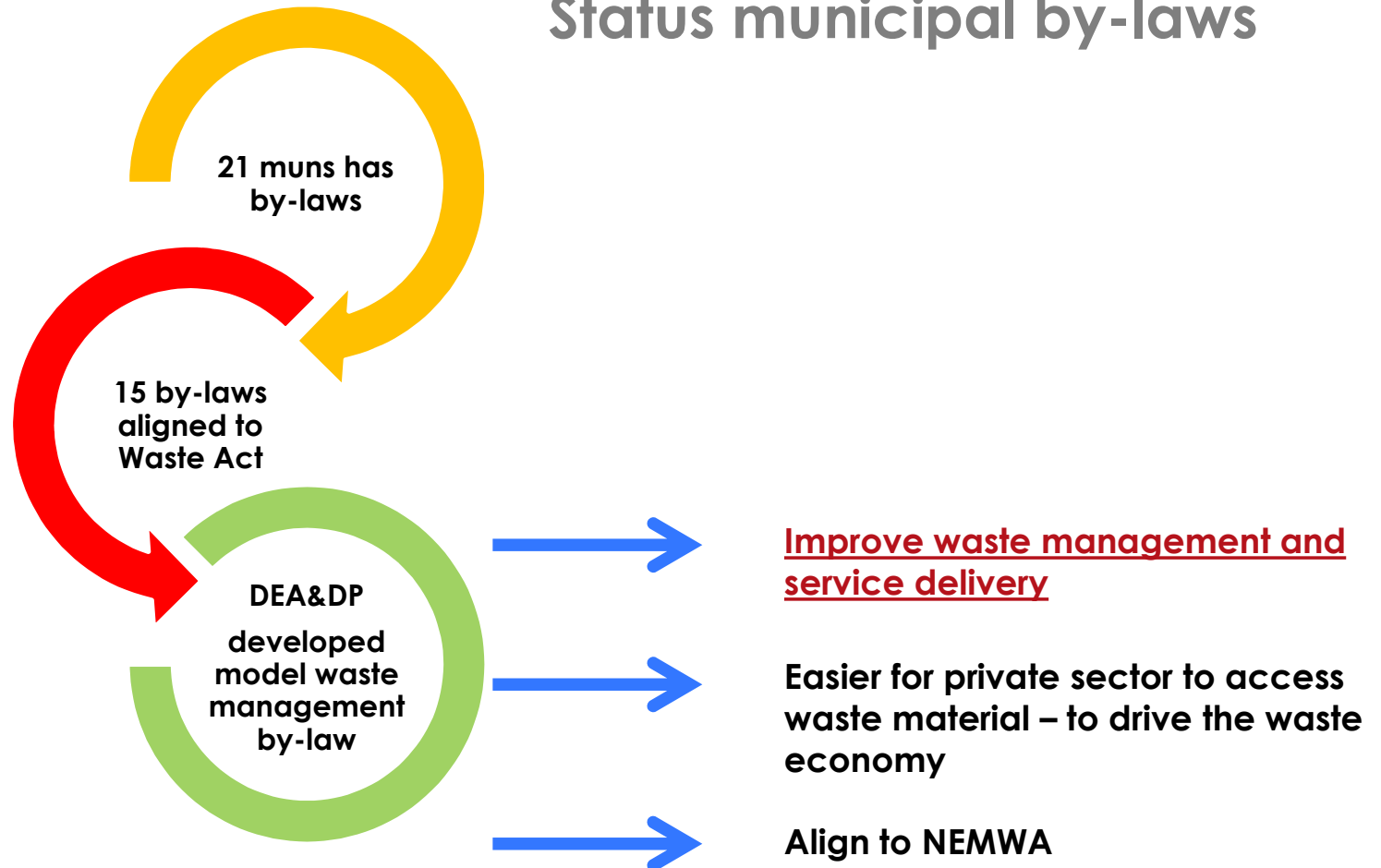
Waste minimisation intervention(s) undertaken for priority waste streams - 12

- Generic waste management by law
- Organic waste
 - Green waste;
 - Food waste;
 - Abattoir waste; and
 - Organic waste diversion targets
- Waste Preneurs support
- Waste minimisation
- Separation at source
- Waste awareness strategy
- Plastic waste – waste management informal areas



State of waste management in WC

Status municipal by-laws

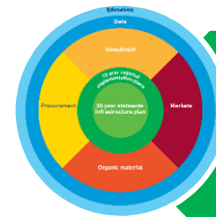


Implementing WC IWMP- 2014 to 2019

Waste management planning intervention(s) undertaken - 5

● Waste characterization:

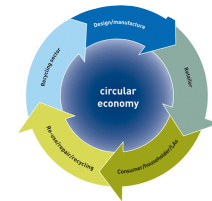
- Training
- Guideline



All 30 muns have 1st & 2nd generation Plans

● Integrated waste management planning:

- Training
- Self assessment tool
- Assessment of municipal plans
- Decision Support Tool – alternative waste treatment



14 of 30 municipalities developed 3rd generation Plans

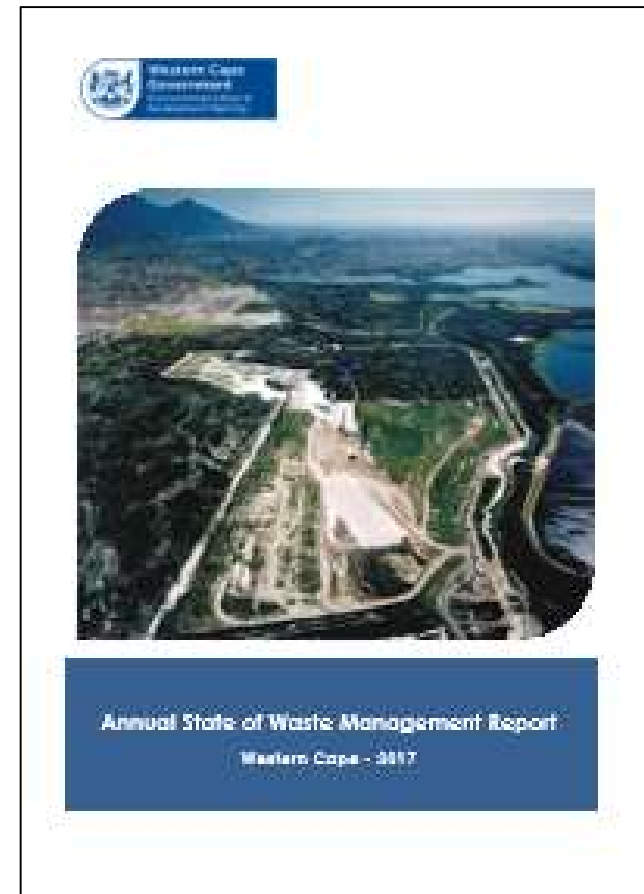


92.4% households have access to basic refuse removal

Implementing WC IWMP- 2014 to 2019

State of waste management reports developed - 4

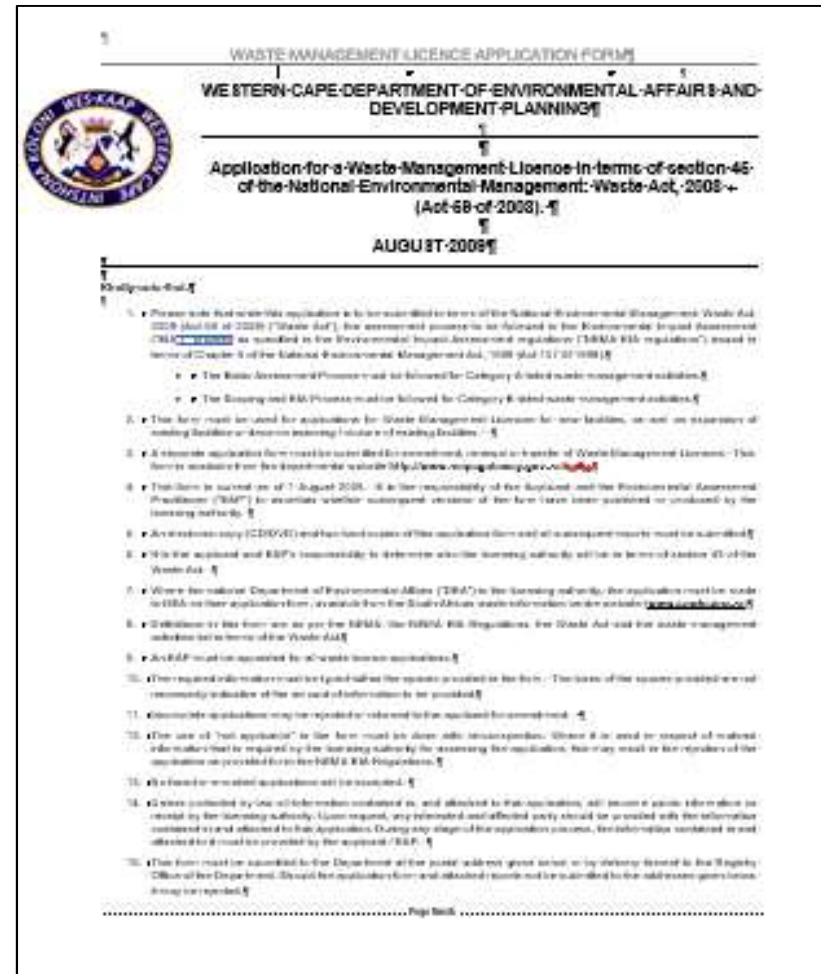
- **State of waste management reports developed**



Implementing WC IWMP- 2014 to 2019

% of Waste Licence applications (WMLs) finalised within legislated timeframes)

- 96% of WMLs finalised within legislative timeframes (220 wmls)



Implementing WC IWMP- 2014 to 2019

Hazardous waste intervention(s) undertaken - 5

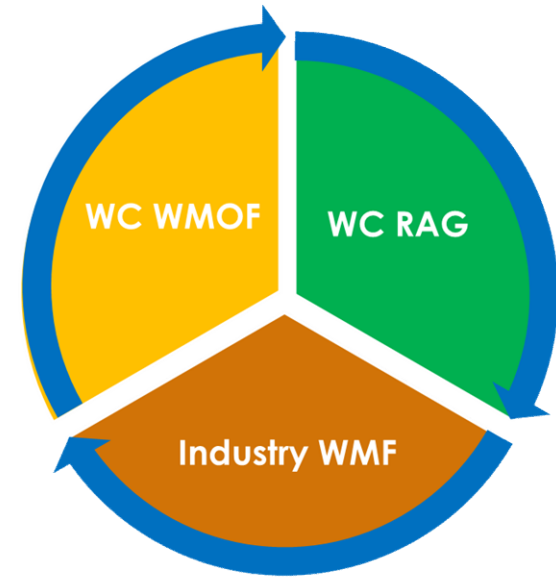
- **Hazardous waste – status quo**
 - Treatment of hazardous waste
- **E-waste management**
- **Household hazardous waste – status quo**
 - Household hazardous waste guideline



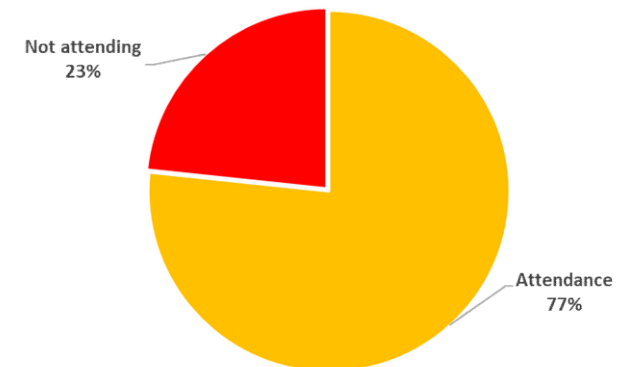
Implementing WC IWMP- 2014 to 2019

Number of environmental capacity building activities conducted

- Number of WMOF's convened – 15
- Number of municipal integrated waste management capacity building workshops convened – 5
- Industry waste management fora convened – 5
- Number of municipal integrated waste management capacity building workshops convened – 5
- Western Cape Recycling Action Group conveyed – 20
- 2W2W awareness workshops - 22



Municipal attendance WC WMOF



Western Cape waste management facts

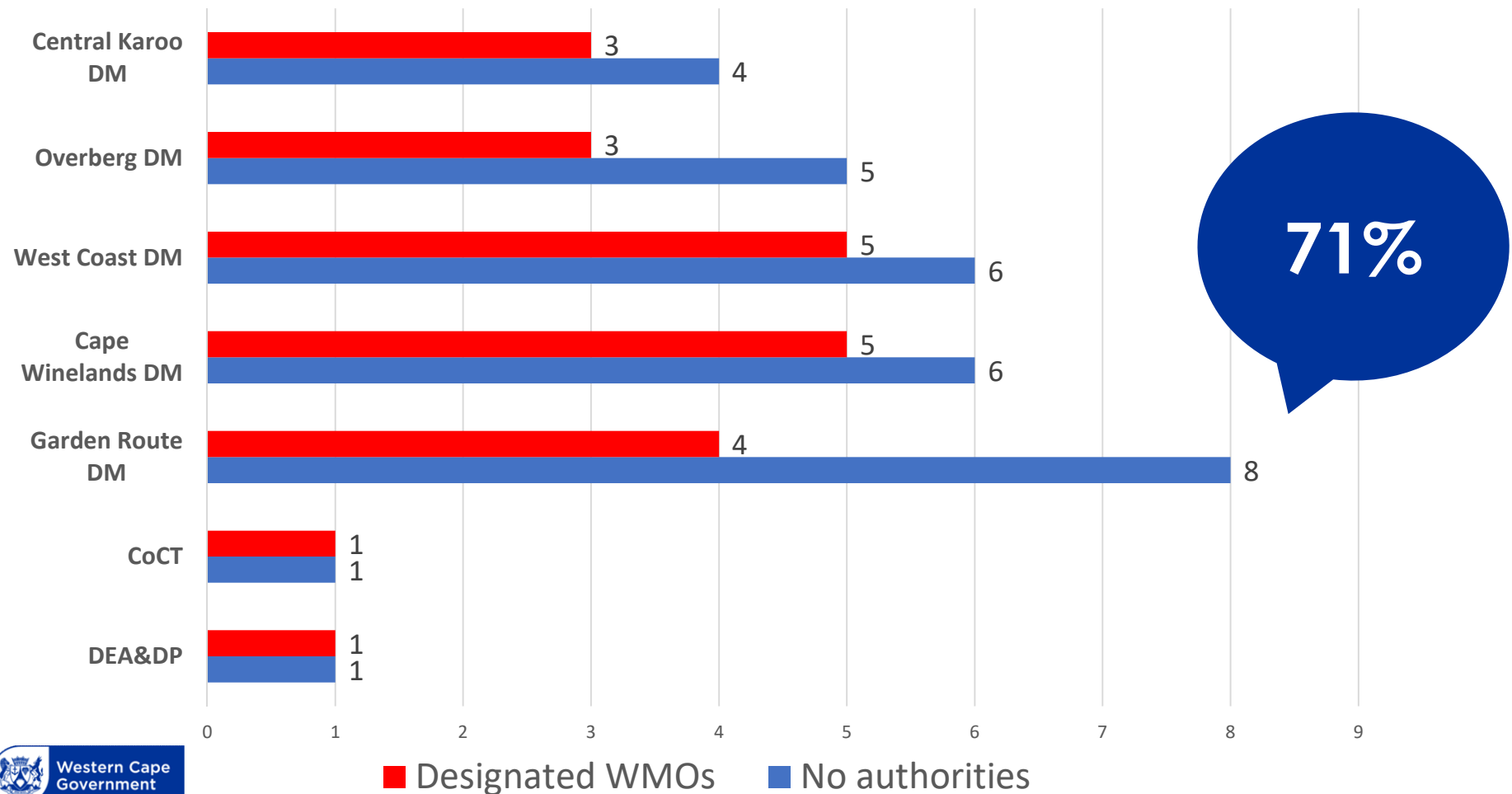
Promote regionalisation of waste management service where appropriate

- Waste management officers designated = 71%
- WC has limited landfill airspace available – working on 9 regional waste management projects
- Waste diversion rate = 29%
- Own waste information system called Integrated Pollutant and Waste Information System (IPWIS)
- More than 6000 waste holders are registered on IPWIS
- WC has own Health Care Waste Act and Regulations
- Municipalities with separation at source systems = 68%

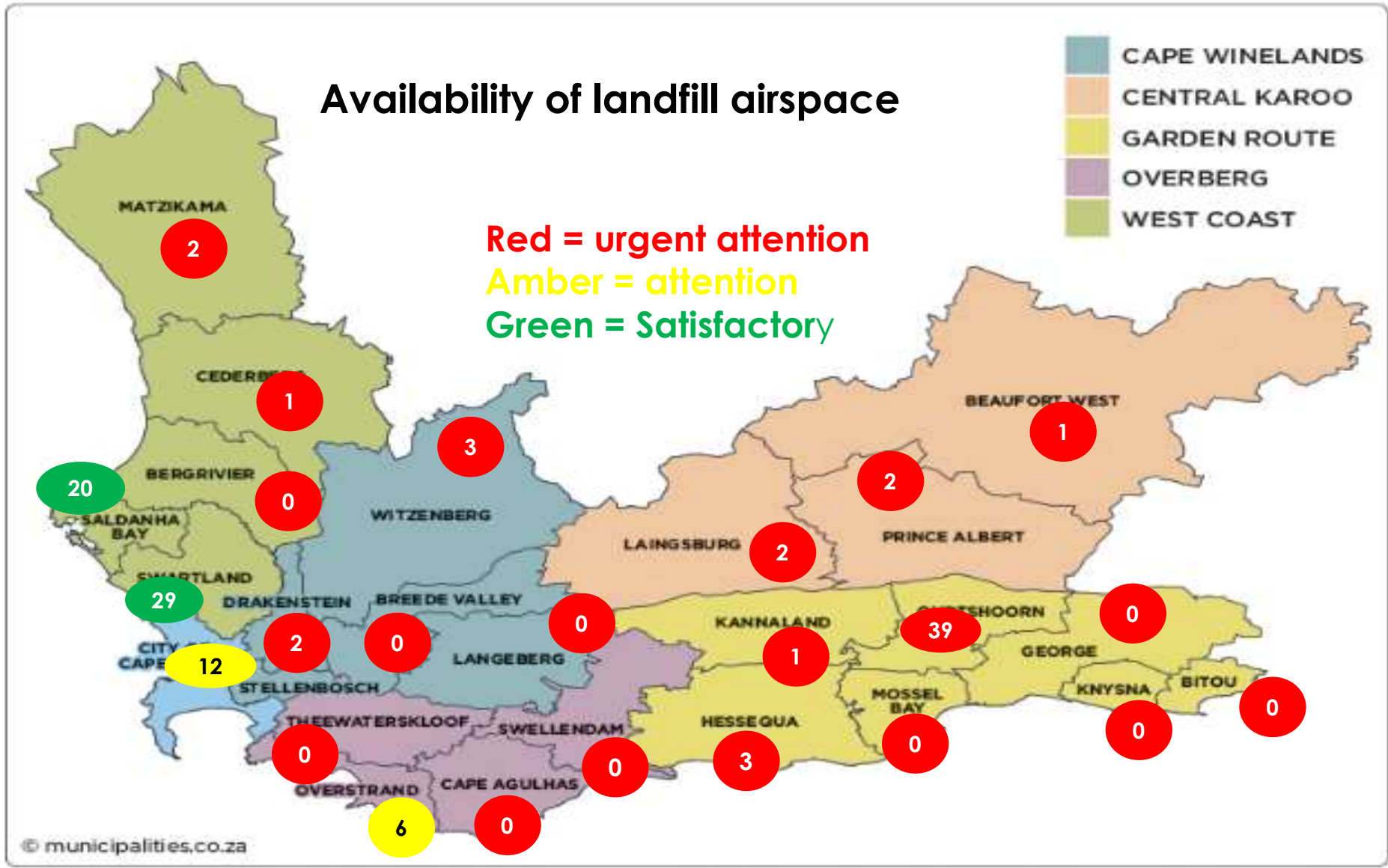


State of waste management in WC

Status of designated Waste Management Officers (ito Sect 10 of NEMWA): WC

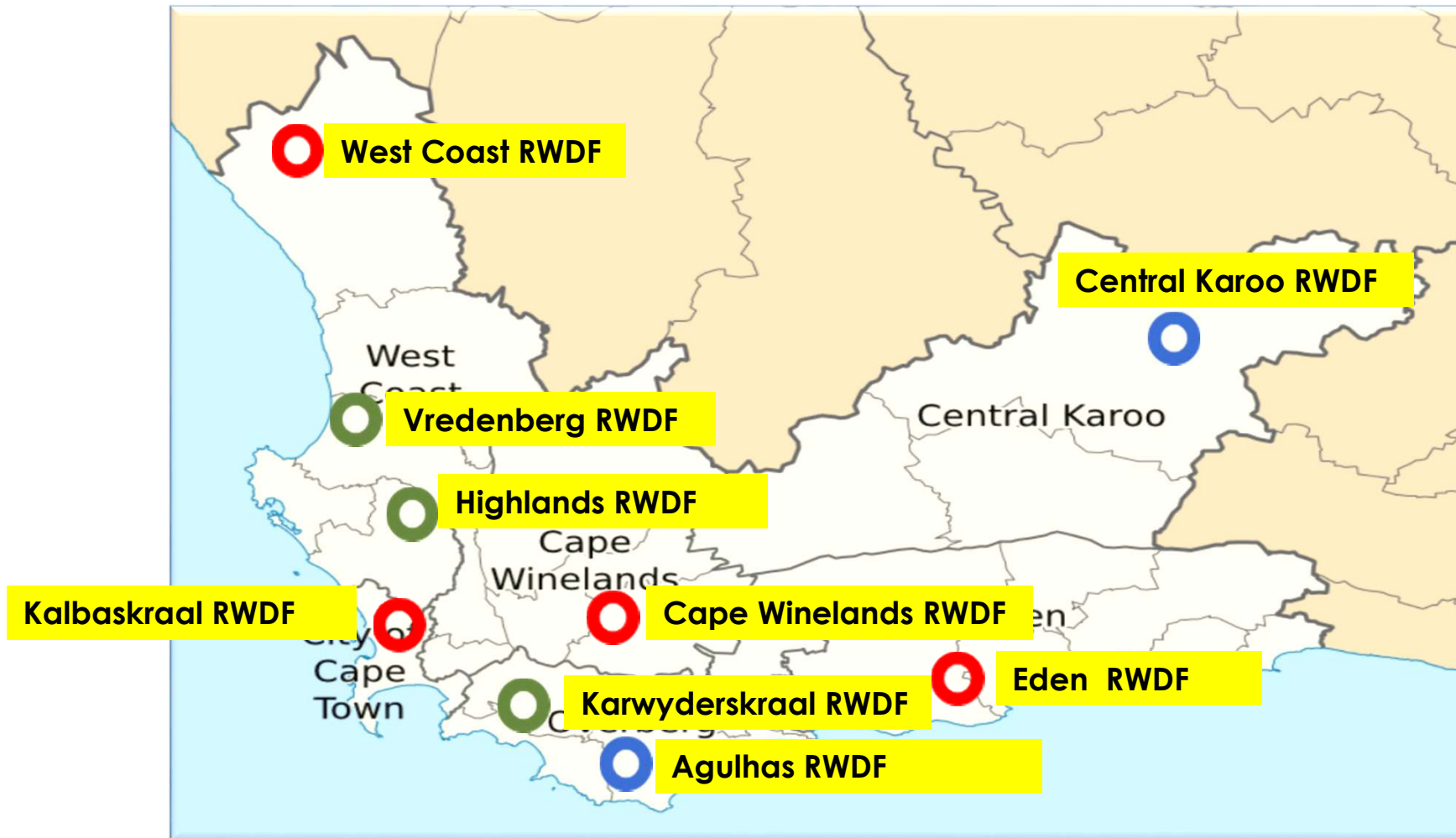


State of waste management in WC



State of waste management in WC

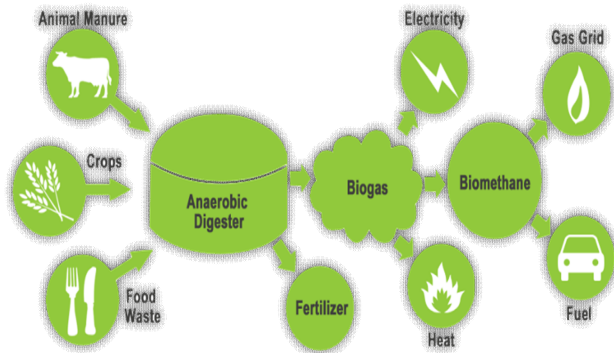
INTERVENTION TO DEAL LIMITED LANDFILL AIRSPACE – REGIONAL APPROACH



 Initiated planning process  Advance in planning process  Operational

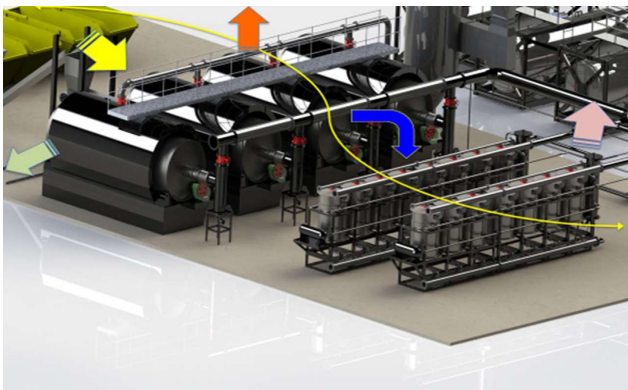
State of waste management in WC

Alternative waste treatment

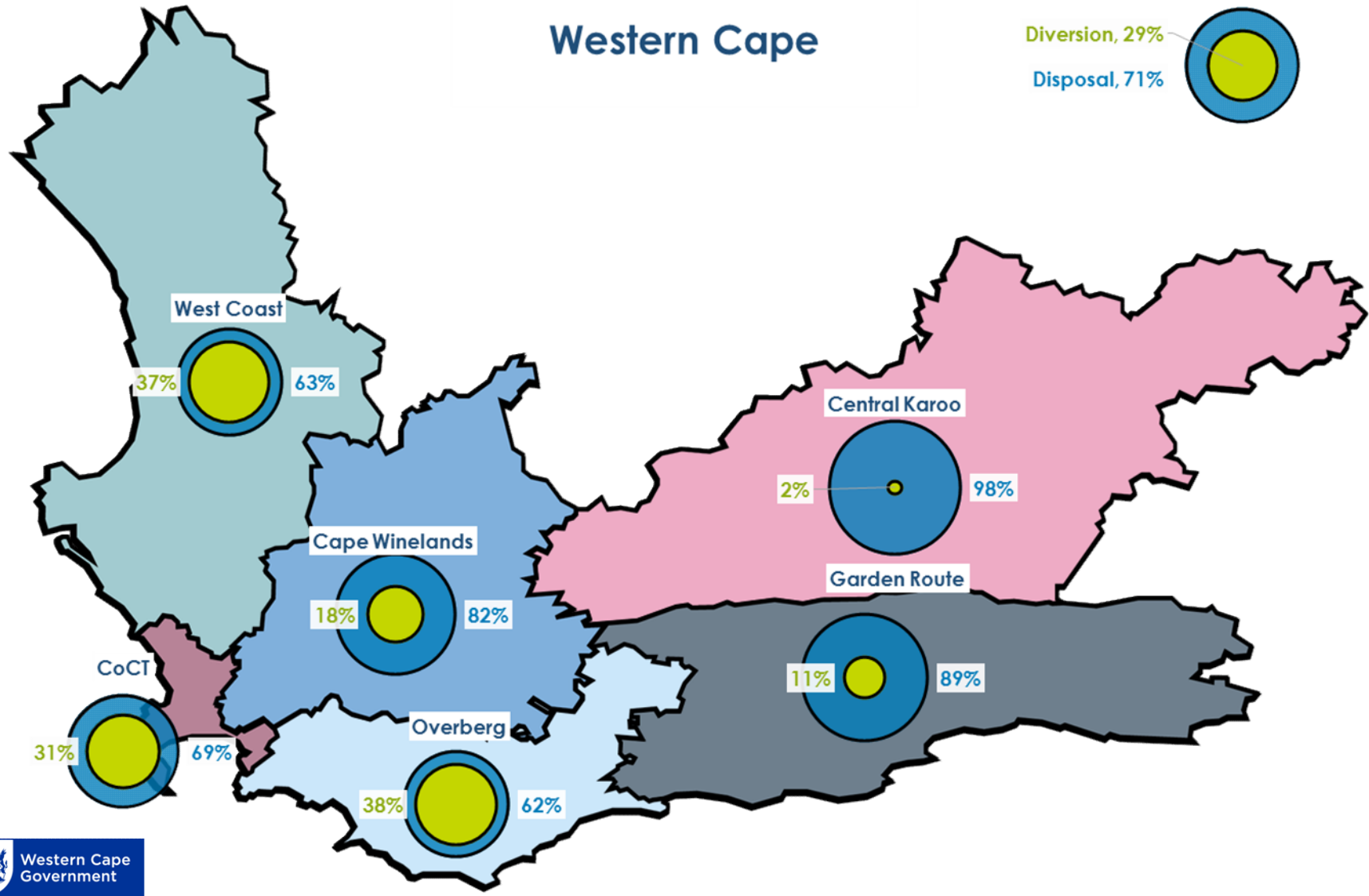


INSECO
Feeding the Future

AgriProtein
technologies

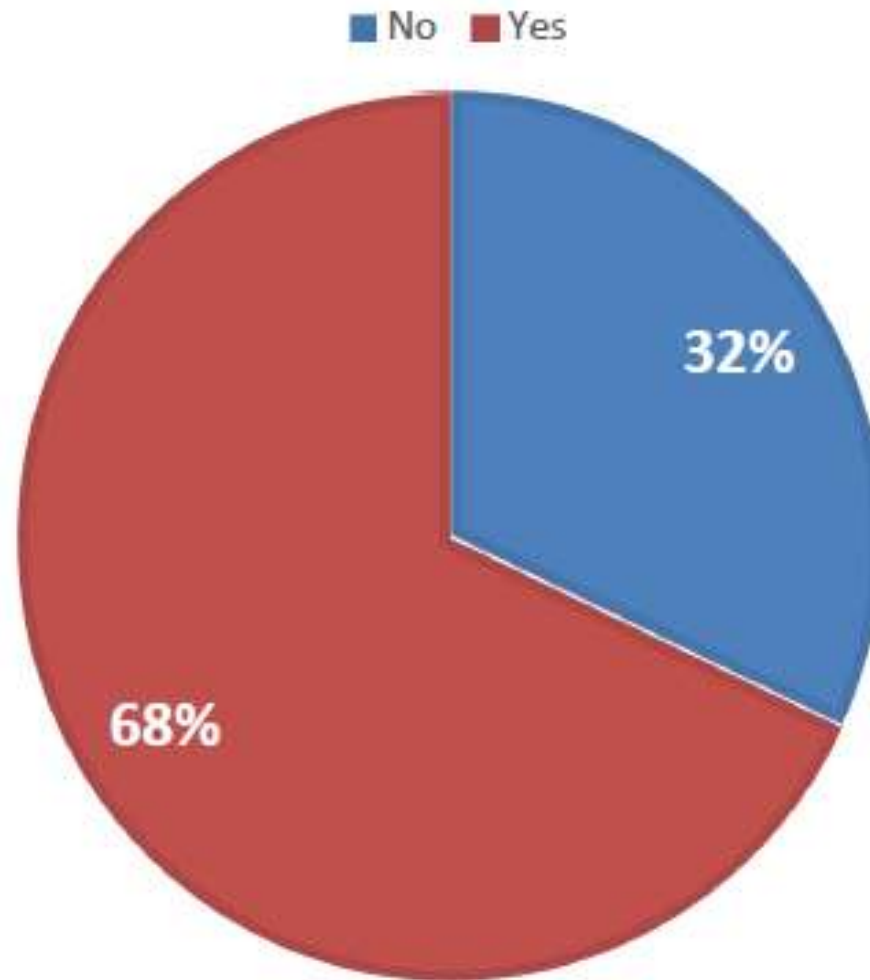


Waste diversion in the WC



Municipalities with S@S

SEPARATION AT SOURCE



Strategic Plan 2019 -2024

Impact: Resilient waste management

Outcome:

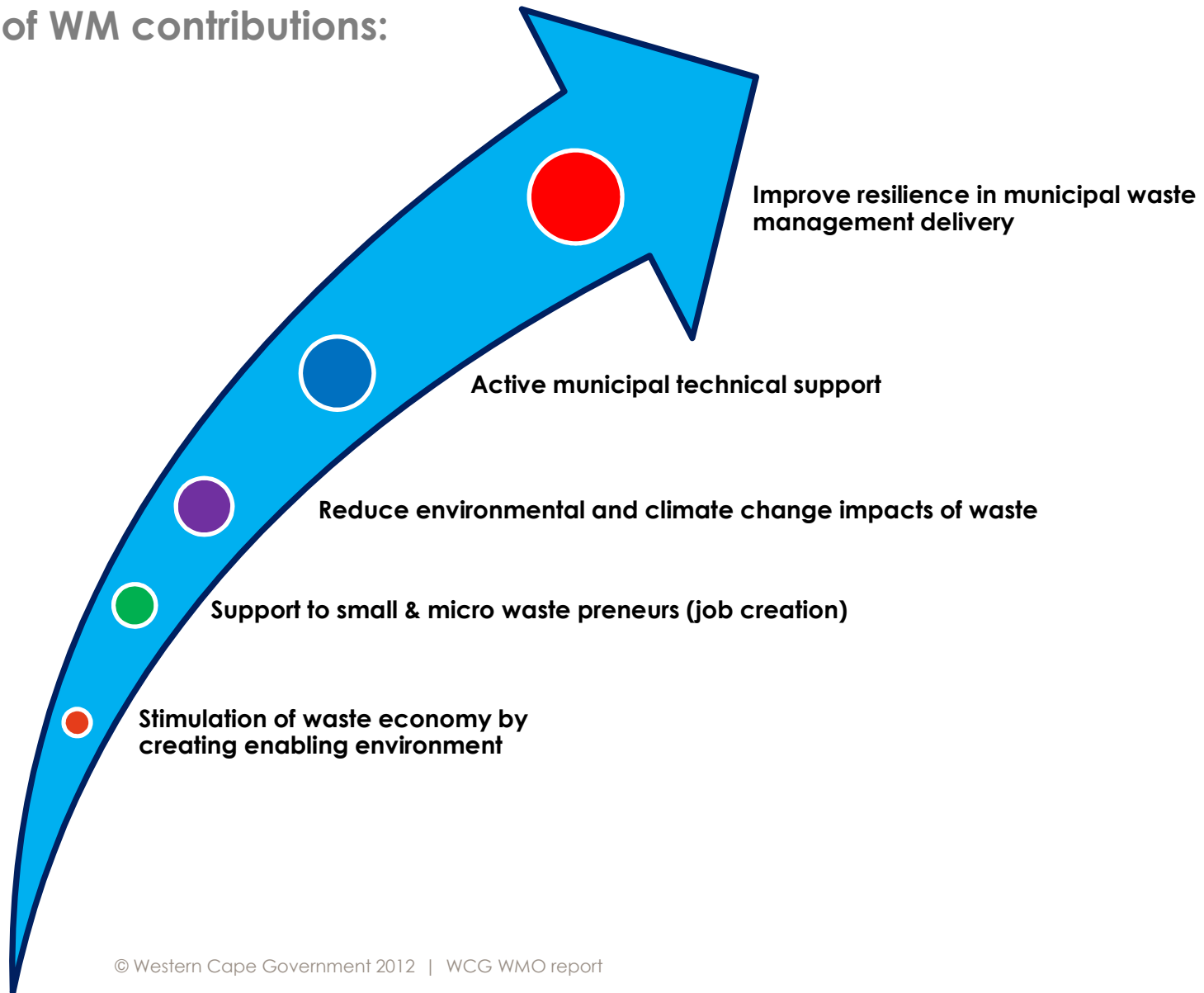
Improved integrated waste management service that supports a waste economy

Outcome targets:

- 50% of waste diverted from landfill
- 5 districts received departmental SMME support interventions to create jobs and to promote the waste economy
- 95% of household with access to basic refuse removal services
- 85% of waste facility owners submitting compliance audits
- 80 % of municipalities with by-laws aligned to NEMWA
- 90% of municipalities with 3rd generation IWMPs

Strategic Plan 2019 -2024

Summary of WM contributions:



Thank you

Contact Us



Western Cape
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BETTER TOGETHER.

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