



# Department of Agriculture, Conservation and Environment

Gauteng Hazardous Waste Management Plan

Nkhumeleni Eunice Rammbasa





# Presentation Outline

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## Background

- The Action plan for Integrated Waste Management Planning( Version C, October 1999) requires provincial Departments to develop first generation provincial Integrated Hazardous Waste Management Plan.
- In 2007/2008 the Gauteng Department of Agriculture Conservation and Environment embarked on a project to develop the Gauteng Hazardous Waste Management plan (GHWMP).





# Project Purpose

## Develop an Integrated Hazardous Waste Management Plan for Gauteng

- To ensure safe and integrated management of hazardous waste in GP through integrated sustainable hazardous waste management planning
- Reviewing existing baseline situation and legal environment as well as projections of future requirements.





## Linkages

- The Constitution of RSA
- The Gauteng Integrated Waste Management Policy
- National Waste Management Strategy
- National Environmental Management Waste Act





# Project process – highlights & key stages

- Project initiation: 19 Feb 07
- Literature Review Report : 30 Aug 07
- Draft Status Quo Report : 14 Feb 08
- Stakeholder Identification and  
(1<sup>st</sup> workshop): 06 Mar 08
- Final Status Quo Report 14 Apr 08
- Prioritization of the Needs Report: 2<sup>nd</sup> Sep 08
- Draft GHWMP: 2<sup>nd</sup> Sept 08
- 2<sup>nd</sup> Stakeholder workshop: 23<sup>rd</sup> Oct 08
- Final GHWMP: March 2009





## Project outcome

- The project is complete and the following documents were developed:
  - Status Quo Review Report covering haz waste generation and management practice in (*Mining, Chemicals, Metallurgical, Pulp & Paper, Manufacturing – Other, Non-metallic Minerals, Energy, Textiles, Food & Beverages, Tanneries, Plastic, Products Rubber Commercial*)
  - Prioritisation of needs
  - Action plans





## Identified challenges

- Insufficient compliance monitoring
- Lack of awareness
- Duty of care obligation neglected by waste generators
- Minimisation of waste is occurring in isolated instances
- Lack of separation at source of different waste streams
- Storage of Hazardous waste and a need for clean ups of contaminated land
- Insufficient capacity for Hazardous waste treatment





## Identified challenges

- A lack of alternative sites for hazardous waste disposal
- Shortage of recycling facilities and waste exchange activities





## Action plans

- Regulation ( standards, authorisations) of Haz Waste
- Communication and information dissemination regarding Haz waste
- Empower Waste Officers with EMI powers
- WIS registration for waste generators, transporters, and disposal facilities
- Policy guideline and specific substances for waste exchange
- Conditions inserted into Env Authorisations
- Norms and standards and policy guidelines on contaminated land and waste storage
- Investigate hazardous waste treatment requirements and capacity





# Value added by project and difference made

The project provided valuable information on :

- Sub-sectoral analysis of approx annual quantities of waste generated, the location, waste stream description & hazard ratings, onsite treatment, recovery and recycling & onsite and offsite disposal,
- Learnt that the major haz waste generators were metallurgical, chemical, paper and pulp
- estimated costs to industry for haz waste treatment and disposal
- Enabled the Department to draft action plans which address the challenges of haz waste

## Value added

- implementation of the action plans derived during this project will make a huge difference in improving the *status quo* with regard to waste management in the province
- stakeholder engagement facilitated communication with industry
- Expect that the information will assist in improved regulation of the haz waste generators





# Challenges, Solutions and Lessons learnt

- Reluctance to share information, by the industry
- ✓ **Solution - wrote letters to give assurance as to reasons information is needed would not be shared with competition and would be such that it would not be recognisable for specific company**
- Procurement process challenges, slow invoice payment – affected consultants confidence & cash workflow in team/GDACE
- **Solution – ensure team very clear of new procurement process and procedures & make continuous follow-up with Finance & GSSC**
- ✓ Poor quality of reports submitted by the service provider
- ✓ **Solution:Mid term aim to do such project in-house and using internal staff / contract staff**





## THANK YOU

### CONTACT DETAILS

Nkhumeleni Eunice Rammbasa

Tel: (011) 355 1657

Email: [nkhumeleni.rammbasa@gauteng.gov.za](mailto:nkhumeleni.rammbasa@gauteng.gov.za)

Project Manager

Derrick Makhubele

Tel : (011)355 1809

Email: [Derrick.makhubele@gauteng.gov.za](mailto:Derrick.makhubele@gauteng.gov.za)

