



Landfill Diversion and Waste Separation at Source

OVERVIEW

The increase in waste generation has become a cause for concern hence urgent and new cost effective waste disposal solutions are crucial. Due to illegal dump sites and shortage of landfill space, the Department of Environmental affairs has come up with a waste management strategy which is aimed at waste separation at source.

It is the aim of this two-day workshop to enlighten, provide participants with essential principles and insights on waste management procedures. The workshop will discuss strategies which will be advantageous in attaining better separation at source and look at disadvantages posed by improper landfill and waste management. Case studies on new methods of combating the challenges will be discussed during the course of the workshop. It is also designed to equip you with the recent legislative changes to ensure that organizations stay on point with amendments to ensure compliance with the framework.)

BENEFITS

- How to convert waste into renewable energy
- Implementing and complying with the latest legal developments around waste Management
- Gaining an in-depth understanding of the amendments of the National Environmental Waste Act
- Understanding the principles and standards in environmental management to ensure compliance
- Exploring legal procedures governing licensing applications
- Understanding the three R's of Waste Management (Reduce, Re-use and Re-cycling of waste)
- Identifying the different classes of waste and how they should be disposed
- Evaluating the effects of a poorly managed landfill
- Discussing funding for both landfill and waste management

MEET YOUR FACILITATOR

Timothy Toperesu Rukuni

He has more than 10 years' experience in environmental research and development, chemical processes, mineral beneficiation and water treatment. He is an environmental and water specialist with more than 10 years of experience developing and monitoring environmental protection programs and procedures to ensure pollution free environments in a circular economy

COURSE OUTLINE

National waste management and legislature

- National waste management strategy
- National legal framework
- The eight of the National Waste Management strategy

Background and introduction of waste management

- Categories of waste
- The waste Hierarchy
- Solid waste
- Pollution by plastic and boxes
- General waste

The three R’s of waste management

- Reduce
- Reuse
- Recycle

Healthcare risk waste management

Recent legislative changes

- Recent legislative changes in waste management
- National Environmental Management Waste Act (NEMWA)
- Waste Management regulations and legislation
- Holistic approach to Waste Management Act (WMA)

Best practices on waste management

- Waste collection
- Waste treatment
- Waste minimization

Separation of waste at source

- Site source separation
- Recycling at source
- Residue waste
- Recycling initiatives
- Promoting recycling

Energy production from waste

Recent legislative revolutions

Reduction of waste to landfill

Energy creation

- Waste to energy
- Diverting waste energy

Used conveyor belts as fuel

Understanding the value-chain to determine realistic costs, incentives, penalties and responsibilities

Disposal at landfill

- Waste disposal to landfill operators
- Benefiting from landfill organic waste
- Final processing of recyclable materials

Drainage systems

Land usage

Waste to landfill

Waste disposal and landfill

Phased implementation and capacity analysis

- Why phased implementation
- Problems with phased implementation
- Aspects of phased implementation
- Landfill capacity analyses

Delegate-worked capacity analysis calculation and Modelling

Geosynthetics

- Definitions and terminology
- Categories and functions
- Applications
- Applications in transportation industry
- Material of construction and project specifications
- Plastic and elastic behaviour

Case study

Conclusion and wrap-up

Impact of landfills on the environment

Landfills’ worst environmental effects

WHO SHOULD ATTEND

- Waste Management Specialists/Supervisors
- Waste Management Managers/Officers
- Landfill Specialists/Operators
- Landfill Managers/Officers
- Environmental Specialists/Engineers
- Waste Generators and Convertors
- Solid Waste Managers
- Solid Waste Planners
- Operators of solid waste facilities
- Officers and managers of municipal solid waste departments
- Environmentalists
- Environmental Health and Practitioners
- Specialist SHE Waste (Safety Health
- Environmentalists)

Landfill Diversion and Waste Separation at Source

R8 999
Per Delegate

12 – 13 October 2023 | Live online Course

SCAN AND EMAIL OR FAX THE REGISTRATION FORM BACK TO ATTENTION

Booking Contact (Approving Official) Mr/Mrs/Ms

Full Names: _____

Company name: _____

Direct Tel No: _____ E-mail: _____ Fax: _____

VAT No: _____

Address: _____

Signature _____

Person Responsible for Finance: _____ Direct Tel No: _____ Date of Payment: _____

BANKING DETAILS:
Kuvimbika Holding Group Pty Ltd
Bank: FNB South Africa
Account Number: 62734817680
Branch Code: 251650 Branch: Sunninghill

THIS INVESTMENT INCLUDES:

- 1.
- 2.
- 3. Presentations by Industry experts (speakers)
- 4. Workshop manual/notes

THE FOLLOWING HEREBY CONFIRM ATTENDANCE TO THE WORKSHOP

Delegate 1: Names _____

Position: _____ E-Mail: _____

Delegate 2: Names _____

Position: _____ E-Mail: _____

Delegate 3: Names _____

Position: _____ E-Mail: _____

Delegate 4: Names _____

Position: _____ E-Mail: _____

Delegate 5: Names _____

Position: _____ E-Mail: _____

All fees are current at the time of going to print; however, we reserve the right to change them.

2. Additional Delegate Rates:
Additional delegate rates apply when bookings are made at the same time on the same course.

3. Confirmation Instructions:
On receipt of this submitted booking form and payment or purchase order you will receive a confirmation letter by email confirming your participation in the training event. This includes a location map with directions and venue details and starting times.

4. Attendance:
Please note that no learner will be permitted to attend any training course without proof of payment or an order no.

5. Delegate Substitution:
Substitutes can be made at any time without incurring a penalty. Please inform us in writing so we can make the necessary arrangements for the new learner.

6. Payment:
Payment can be made by cheque or by electronic transfer, and must be received 5 working days prior to the commencement of the course. Please quote the reference number from your invoice and organisation name so that payments can be tracked. All cancellations must be done in writing and emailed directly to Kuvimbika Inform us immediately if you have to re-schedule or cancel the booking so that we can inform the caterers and conference venue.

