Don’t Waste can offer advice and services to assist with the implementation and management of Site Source separation and compliance initiatives.
What’s the Problem?

Whilst our sorting service in the Waste area will dramatically improve the volume of waste diverted from Landfill, additional measures are typically implemented by environmentally responsible organizations.

- These are supplementary practices which ensure the best recovery by sorting crew and the avoidance of any “sensitive” materials becoming contaminated and therefore non-recoverable. They also isolate “Hazardous” waste at the point of generation, protecting the environment and you from prosecution.

- Some separation needs to take place at the point of generation. This is to avoid contamination, which impacts on recovery, and to ensure environmental compliance with regard to items that are considered hazardous.

- Employees often (in ignorance or lack of accountability) dispose of Hazardous waste such as batteries, CFL’s, pesticides, solvents, paint, and other hazardous waste in the General waste. This is a legal compliance issue.

Now, with new legislation, up to 10 years imprisonment and R15 000 000 fines it’s imperative to comply- and find solutions, let alone manage Brand impact!
In addition to hazardous waste, mixed wet food/organic waste contaminates paper and other recyclables, making them unfit for recovery, and therefore unnecessarily condemns large volumes of recoverable waste material to Landfill. In addition it creates barriers to sorting efficiency, creates odour and housekeeping challenges and more frequent collections. As generators of waste, environmental legislation expects us to take all reasonable measures to avoid, reduce, reuse and recycle waste.

As a minimum requirement then, we are expected to separate waste streams at point of generation that would impact on our objectives and our obligations.

As per international treaties and national legislation we are obligated to produce results and demonstrate our compliance. We are also obligated to manage potential hygiene, health and public nuisance factors.

Best practice is to implement and encourage source separation strategies for employees and tenants that will aid in the achievement of waste avoidance and maximum recyclable material recovery.
Site Source Separation Promotion

We all have to move towards the National and International goal of zero waste to Landfill.

In a typical Commercial/Retail type setting, the immediate potential is on average 67% recoverable. This presumes you have a good sorting crew (like Don’t Waste) and sufficient sorters for the volume, as Waste Streams can vary in composition.

HOW DO WE IMPROVE & MOVE CLOSER TO ZERO WASTE?

If we analyse the graph in more detail we will find the answers... (Percentages are generic and illustrative, actual ratios vary per site & industry) Reaching this goal and exceeding it in the future relies on three aspects being managed.

- The amount of food or organic waste—anywhere between 14 and 23%.
- The amount of contaminated waste material that could have been recovered but is now condemned to waste – between 12 and 20%.
- The amount of non-recoverable waste. Typically – between 7 & 12%
Source Separation

If we separate food waste and other waste from recoverable material sensitive to contamination (e.g. Paper), before it gets to waste area, then we would have made up this additional 12-20%.

As we find economically viable ways to convert the now already separated food/organic waste to compost or biogas/bioenergy, then we will have made up another 14-23%

This means that we are now closer to 93% waste diverted from Landfill!

The remainder is non-recoverable waste, and that will improve with consumer pressure, buying habits and industries progress in “product end-of-life” stewardship. It will also include hazardous waste management. Do you know which packaging and other materials are non-recoverable? (Check out the non-recoverable poster.)
### Site Source Separation Promotion

Create a ‘Best Practice’ model for the employees and staff to follow

### WHAT IS IT THAT WE WANT THEM TO DO?

Separate General Waste at the point of generation as follows:

**ZERO WASTE...**

<table>
<thead>
<tr>
<th>Category</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FOOD WASTE</strong></td>
<td>Food waste contaminates paper, making it unfit for recycling. Keeping it separate prevents this &amp; in addition, paves the way for Bio-digestion or composting options. This is also the biggest culprit for odours and hygiene challenges!</td>
</tr>
<tr>
<td><strong>PAPER</strong></td>
<td>Whilst there are many paper recycling grades which still need to be sorted in the waste area, keeping paper dry and separate at source prevents contamination and therefore ensures max recovery.</td>
</tr>
<tr>
<td><strong>MPG’s</strong> (Metal, Plastic, Glass)</td>
<td>It is <strong>OK to mix these</strong>. They are non-porous materials which will not contaminate each other. In the waste area they will be further sorted into the many separate grades, and different plastics that are required for recycler collection. Some might contain liquid so we still need to keep them separate from paper.</td>
</tr>
<tr>
<td><strong>NON-RECOVERABLE WASTE</strong></td>
<td>This is what we might call real waste – unwanted and discarded materials that can not be recovered, reused or recycled. Some of these might end up in the MPG Bin, but that is Ok – the trained sorters will pick up the problem materials.</td>
</tr>
</tbody>
</table>
WHY?
Separate Hazardous waste from general waste at the point of generation.

ZERO HARM...

Heavy penalties and even imprisonment can be the consequence of non-compliance.

Hazardous waste can not go straight to general Landfill. It must be treated, and safely disposed to minimize the impact on human, animal, and plant life - land and aquatic environments. Isolating these waste streams at the point of generation is the only way to manage compliance...

There are many hazardous streams, and these need to be separated into different categories, rather than mixed together.

Some examples below..

- Ink Toner / Print Cartridges
- Batteries
- CFL's / Fluorescent Tubes
- Paints & Solvents
- E-Waste
- Poisons & Pesticides
We have ready to go source separation systems in place together with posters, bins, and other informational guides that can be built into house rules.

Posters can be branded with your logo at a small fee if required...

These resources are at your disposal together with easy to implement role out plans. Our aim is always to make it easier for you...
What are the barriers to effective implementation?

The appropriate containers for separation, placed in close proximity to the point of generation....easy to access without too much fuss...

We have a range of different size bins available - Dependant on the environment and volumes likely to be experienced. From 12 litre to 240 litre wheelie’s.

All can be marked with labels that are scaled down versions of the same poster range.
General Bin and source separation theme is as follows:

- **Desk Bins**: General office paper mix only – no other waste!
- **Place Cardboard ‘paper’ Boxes**: at Photocopier/Printer stations per department.
- **Place hazardous waste containers**: at Photocopier stations (Printer/toner cartridges, Batteries, CFL’s) 3 drawer unit or 12.5lt, 25lt, or 50lt Bins

- **Tea Kitchenette**: Place Food Waste, MPG (metal, Plastic, Glass) and Non-Recyclable Bins at Tea Kitchenette per department or designated easy access point within an accessible radius of desks in department (if no kitchenette). 25lt, or 50lt Bins

- **If Commercial Kitchen on site set up**: Food Waste, MPG (metal, Plastic, Glass) and Non-Recyclable Bins, location for cardboard stacking, location for used cooking oil for recycling. Dependant on size of kitchen, and food prep stations, more than one sets of bins may be required. 25lt, 50lt, 80lt Bins, or 130lt, 240lt Wheelies

- **Staff Canteen**: Place Food Waste, MPG (metal, Plastic, Glass) and Non-Recyclable Bins. 25lt, 50lt, 80lt Bins, or 130lt Wheelies

- **Maintenance/Workshops**: Place Bins for Hazardous waste – paint and solvents, Oil contaminated materials, CFL’s, batteries, Ink & Toner cartridges, E-waste, etc. 130lt, 240lt Wheelies.

As maintenance workshops might also have offices, you may need to provide additionally as per points 1, 2, & 4
Posters will generally speak to location and Bins or waste stream. Best practice is Bin (with label) and Poster above.

In addition some Posters will be placed to promote an environmental theme or message and will be placed independently of the Bins. (e.g ‘Why Care’ range).

You can select/buy individual posters as long as the minimum order value exceeds R350.

Easy to use modular pack options are available below at a more economical rate per poster than the individual options.
Site Source Separation Promotion

Modular Poster Pack Options / Choices

An easy combination of these in a generic useful and modular format has been designed for ease of implementation.

1 Office Pack

General Environmental Awareness
place in public space or passage or suitable point per department. *(could be in staff canteen if a gathering point)*

- Waste Concern A1
- Why Care Energy A1
- Why Care Paper Waste A1
- Why Care Storm Drains A1
- Why Care Water A1
- Why Care Hazardous A1

2 Printer/Copier Pack

By printer/copier space (per department)

- Why care Avoid Paper waste A1
- Pls Sep Paper A1
- Pls Sep Printer/Toner A1
- Pls Sep Batteries A1
- Pls Sep CFL’s A1
- Above Copier

Please consider the back-end for the hazardous range. Storage Drums will need to be placed at the Waste area to facilitate the temp storage and final collection of these waste streams.

Paper Box
3 Bin Haz Set
Site Source Separation Promotion

3 Tea Kitchenette Pack

- Pls Sep Food A1
- Pls Sep MPG A1
- Pls Sep Non Recyclable A1
- 50Lt Bins with labels

4 Commercial Kitchen Pack

- Why care FOG Fats Oils Grease A1
- Easy to view wall/pillar space close to Ovens Griller
- Pls Sep Food A1
- Pls Sep MPG A1
- Pls Sep Non Recyclable A1
- Cardboard Stacking and separation A1
- Neatly folded and stacked in receiving area
- Posters above Bins 120lt Wheelies colour lids & labels

5 Staff Canteen Pack

- Pls Sep Food A1
- Pls Sep MPG A1
- Pls Sep Non Recyclable A1
- 50Lt Bins with labels
Site Source Separation Promotion

6 Toilet Pack

Why Care: Water A1

7 Motivation/Changeroom Pack

Why care: Water A1
Why care: Storm drains Water pollution A1
Recycling Saves: Paper A1
Recycling Saves: Plastic A1
Recycling Saves: Glass A1
Recycling Saves: Cans A1

8 Maintenance Dept Pack

Pls Sep oil contaminated A1
Pls Sep E-Waste A1
Pls Sep Printer/ Toner A1
Pls Sep Batteries A1
Pls Sep CFL’s A1
Pls Sep Fluorescent tubes A1

Range of 130 Lt wheelies with labels
Fluorescent tubes box
Seminars available are as follows:

- Environmental awareness
- Implementing environmental improvements
- Understanding environmental management systems
- Recycling – the mind blowing truth
- Environmental waste legislation - updates and interpretations.
- Recycling and packaging design
- Enviro/Waste campaign (source separation) awareness for employees, tenants and building occupants

Through our accredited Training Division, “The Green Learning Institute” we can provide workshops and seminars to employees/department heads on “Greening our Waste”
Make it Policy

Ensure that your requirements are written into Policy.

Your Company will be liable for the outcomes. Clear rules and requirements will ensure greater co-operation and the mitigation of your risk. The waste act also expects us to communicate, inform and enforce.
### Why Choose Us?

| **Site management independent of service provider** | **Supplier Management System** |
| **Waste Minimisation focused** | **National Rate Negotiation benefit** |
| **Waste company independent** | **Site Photo Point System** |
| **Recycler independent** | **Source Separation** |
| **ISO 9001** | **On-going Training of our Staff** |
| **ISO 14001** | **SETA Accredited in-house training school (Green Learning Institute)** |
| **OHSAS 18001** | **Real time reporting (SAWS Compliant reporting of Waste Categories and Types)** |
| **Group Reporting multi-site** | **Mobile Applications** |
| **Multi collection point reporting per site** | **CO2 Measurements** |
| **Electronic Load tracking independent of service provider** | **BBBEE (125% procurement claim back)** |
| **Ensures Legislative Compliance (Waste Act, CPA)** | **TAX Clearance Compliant** |
| **Built in Sustainability Reporting** | **Services available in other SADC countries** |
| **Mitigation of Risk** | **World Class Customer Reporting Portal** |
| **Public Recycling Drop Off Stations** | **Highly effective Awareness and Education poster series** |
| **Green Marketing** | **Multiple Management and Reporting options and notifications** |

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**DONTWASTE** is SA’s most advanced and established on-site waste management & minimisation company.

We provide services for thousands of Blue Chip sites nationwide. This is how we do it:

- Provide source separation posters, equipment & systems.
- Transform your waste area into a fully compliant waste processing, separation and sorting facility.
- Provide trained staff, systems and all necessary equipment.
- Separate your waste streams - recoverable, hazardous and general, up to 30 grades of recyclable materials.
- Supply both waste and recycling services - all results are tracked, recorded, measured and reported to you via your unique web portal.

If you are committed about complying, managing and reducing your waste impacts, achieving impressive ‘Green’ outputs for your enterprise - all in a cost effective manner - then **DONTWASTE** is the solution for you!

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