



DONTWASTE



recycle.



save.



comply.



educate.



Site Source Separation Promotion



What we can do for you




Don't Waste can offer advice and services to assist with the implementation and management of Site Source separation and compliance initiatives.



Site Source Separation Promotion

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!



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Avoiding Contamination and maximizing on recovery

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.





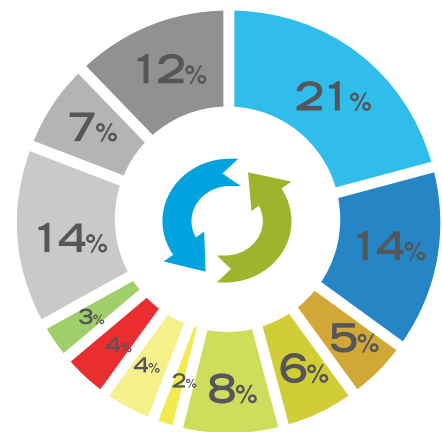
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We all have to move towards the National and International goal of **zero waste to Landfill.**

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%

PAPER	PLASTIC LLDPE
CARDBOARD	METAL
PLASTIC PET	GLASS
PLASTIC HDPE	FOOD, WASTE, DIRT
PLASTIC LDPE	NON-RECOVERABLE
PLASTIC PP	CONTAMINATED





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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.)*

Our source separation model is world class and designed to help you achieve these goals.



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1

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...



FOOD WASTE

Food waste contaminates paper, making it unfit for recycling. Keeping it separate prevents this & in addition, paves the way for Bio-digestion or composting options. This is also the biggest culprit for odours and hygiene challenges!



PAPER

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.



MPG's
(Metal, Plastic, Glass)

It is OK to mix these. 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.



NON-RECOVERABLE WASTE

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.



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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





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2

Communicate, Motivate, Inform and Remind.

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...

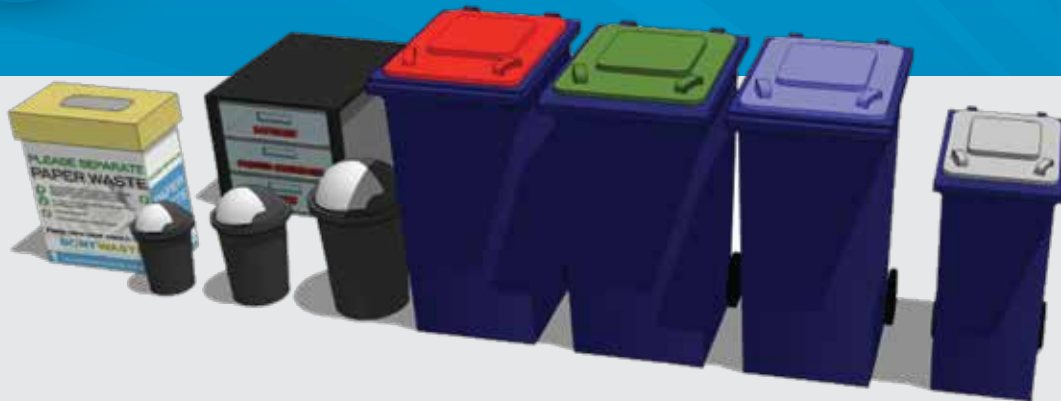




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3

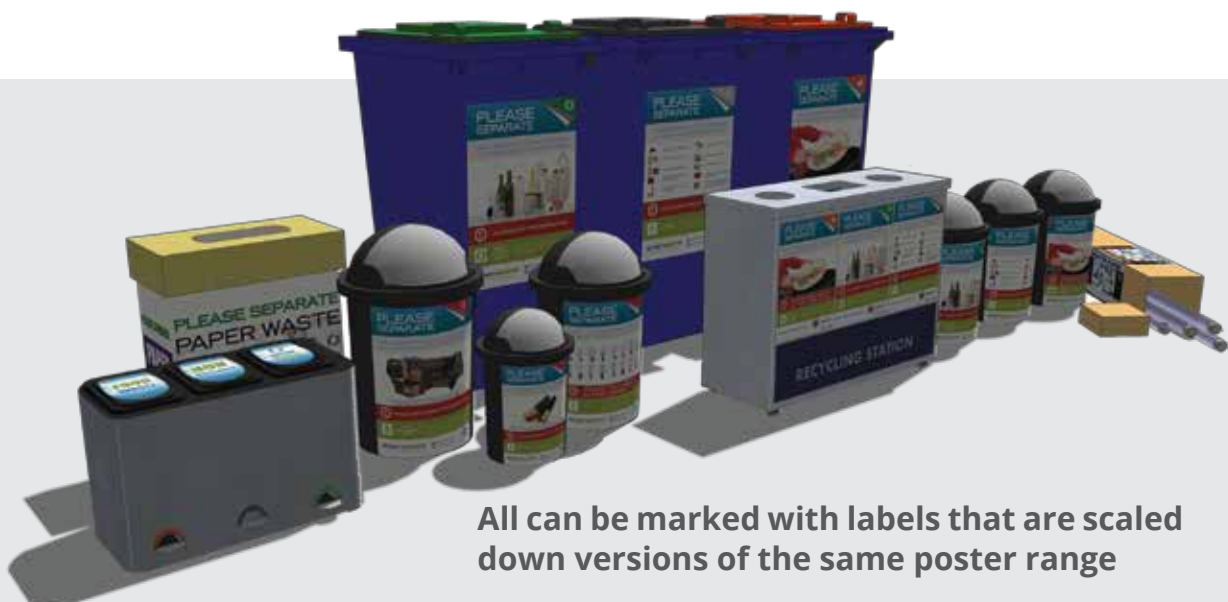
Address / eliminate physical barriers to entry.



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



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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



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Posters

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.





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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)*



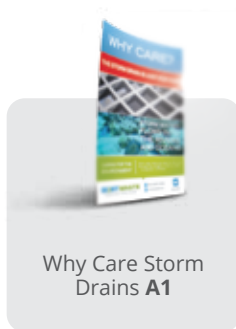
Waste Concern
A1



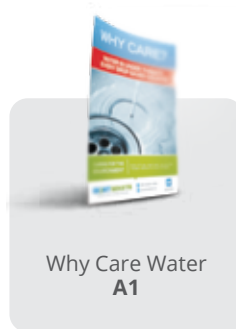
Why Care Energy
A1



Why Care Paper
Waste A1



Why Care Storm
Drains A1



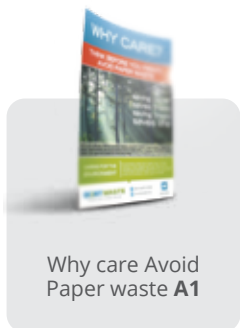
Why Care Water
A1



Why Care Hazardous
A1

2 Printer/ Copier Pack

By printer/copier space
(per department)



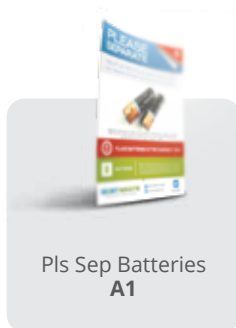
Why care Avoid
Paper waste A1



Pls Sep Paper
A1



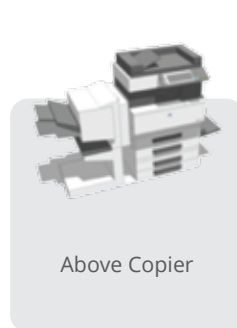
Pls Sep Printer/Toner
A1



Pls Sep Batteries
A1



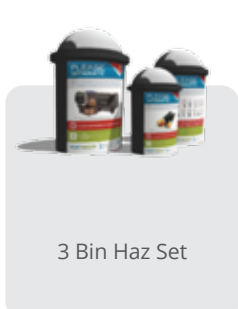
Pls Sep CFL's
A1



Above Copier



Paper Box



3 Bin Haz Set





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



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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



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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



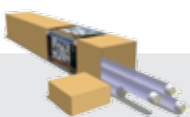
Pls Sep CFL's
A1



Pls Sep Fluorescent
tubes **A1**



Range of 130 Lt
wheelies with
labels



Fluorescent tubes
box



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Staff Training (Green Team Reps)



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

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





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4

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.



recycle. save. comply. educate.

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 (SAWIS Compliant reporting of Waste Categories and Types)	✓
Group Reporting multi-site	✓	Mobile Applications	✓
Multi collection point reporting per site	✓	CO ² 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	✓

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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