

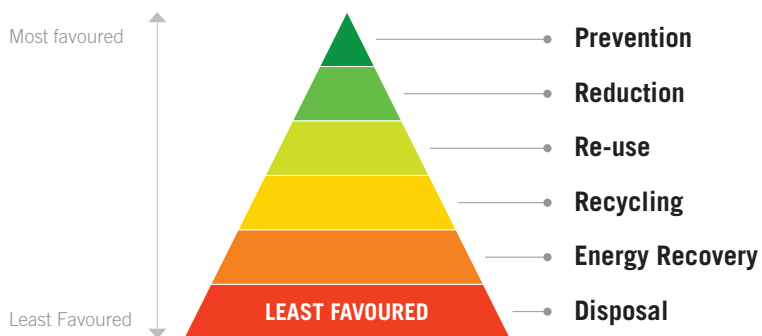
# Waste not, want not

## A Greenstar Recycling Information Sheet

### Why should i recycle?




Recycling is something that should be on everyone's agenda as it is good for the environment, saves energy, conserves natural resources and combats climate change.

### Remember to reduce, re-use, recycle



Many goods we use around the house/office can be recycled i.e. newspapers, cans etc. When something is ready to be thrown out, STOP and think can it be recycled? Can the material be worked on, cleaned up or reprocessed so it can be used in some form again?

### HINTS

-  **REDUCE** Buy items that use less packaging or can be recycled
-  **RE-USE** an empty tub of ice-cream to store leftovers instead of throwing it out
-  **RECYCLE** bring your old clothes to a second-hand shop or to your nearest Clothes Bank



### Become A Champion Of Change

Recycling is something that should be on everyone's agenda as it is good for the environment, saves energy, conserves natural resources and combats climate change.

### Be Environmentally Friendly

Even the smallest changes can make a difference. You can begin with simple steps of separating out easily recyclable materials like paper and plastic, thereby reducing the amount of waste that ends up in landfill.


### Be Responsible For Your Waste

We all have a shared responsibility in taking care of and protecting the environment in a sustainable way. Today's modern lifestyle has led to a 'throwaway' society and this in turn has led to increased waste generation. Choices made today in how we manage our waste will determine the quality of the environment that we hand on to future generations. With our absolute commitment to recycling and your preference for a greener waste management service, together we can truly change the world.

# So, What Should I Be Recycling?

 Cardboard	 Glass bottles & jars	 Paper
 Plastic packaging	 Plastic bottles	 Drinks cans (aluminium)
 Milk/Juice cartons (Tetrapak)	 Food waste	 Grass clippings
 Tea bags/ Coffee grinds	 Steel cans	 Newspapers & Magazines

## Hints And Tips For Filling Your Recycling Bin

- Flatten and squash all cardboard boxes – remove plastic and polystyrene and dispose of separately.
- Make sure no food or liquid is left in containers.
- Rinse and squash all cans and cartons (Tetrapak).
- Minimise the amount of unnecessary packaging you generate.
- Not all plastics are recyclable – check plastic bottles for these symbols: 
- Put your food waste and garden waste into a separate composting bin.
- Put your glass (jars & bottles) in a dedicated glass bin or bring it to a Bottle Bank.

## Hints And Tips For Filling Your Compost Bin

- Keep your compost bin in a shaded area.
- Wrap food waste in sheets of old newspaper to deter flies and control odours.
- The compost bin is ONLY for food and garden waste.
- Placing any of the listed NO items in your compost bin may cause contamination.
- Items such as leaves, straw, woody material (chipped) or dry grass help control odours.

# The Stages Of Recycling



**1 PREPARATION**  
Recyclables are collected in dedicated recycling bins or bags



**2 COLLECTION**  
Dry recyclables are collected by the dedicated recycling truck



**3 PICKING LINE & AUTOMATION**  
The materials are sorted on a picking line. Paper, cardboard, plastic bottles, cartons, steel and aluminium cans are separated out



**4 SORTING**  
All the different materials are collected in separate bays underneath the picking line



**5 BALING**  
The different materials are individually baled



**6 DISTRIBUTION**  
The baled material is then sent off site to specialist recycling companies in Ireland, Europe and further afield



**7 END PRODUCT**  
Example of a product made from recycled plastic, this chair was made out of HDPE which is used in shampoo and detergent bottles

# INTERESTING FACTS!



## Aluminium Cans

Over 100 million drink cans are sold in Ireland every year. You can make 20 cans out of recycled material with the same amount of energy it takes to make a new one.



## Tetrapak

Cartons are made from the following materials: 75-80% paperboard, 15-20% polyethylene and 5% aluminium. 100% of these materials can be recycled or recovered.



## Steel

Recycling one tonne of steel saves 1136kg of iron ore, 454kg of coal and 18kg of limestone in the production of new steel. Making steel cans from recycled steel reduces energy consumption by 74%, virgin materials by 90%, associated air pollution by 86%, water consumption by 40% and associated water pollution by 76%.



## Paper

Of the 2.4 million tonnes of domestic and commercial waste disposed of each year by local authorities in Ireland, nearly 34% or 509,000 tonnes is paper. The recycling of paper would therefore save on collection and disposal costs and reduce the requirements for expensive landfill sites. Each tonne of recycled paper can save 17 trees, 1727 litres of oil, three cubic yards of landfill space, 4000 kilowatts of energy, and 31818 litres of water. This represents 64% in energy savings, 58% water savings and 27kg less of air pollution!



## Glass

The energy saved from recycling one glass bottle can run a 100 watt light bulb for four hours. It also causes 20% less air pollution and 50% less water pollution than when a new bottle is made from raw materials. A glass bottle can be recycled time and time again into another glass bottle or product, without any loss of quality. Glass is 100% recyclable.



## Cardboard

Recycling one tonne of cardboard can save sixteen trees from being cut down.

Let's all play our part to make this a cleaner, greener environment. With our absolute commitment to recycling and your preference for a greener waste management service, together we can truly change the world.

LO CALL **1890 600 900**

[www.greenstar.ie](http://www.greenstar.ie)



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