



Sustainability Awareness



What Happens
To All The Waste
That Is Collected?



GENERAL WASTE

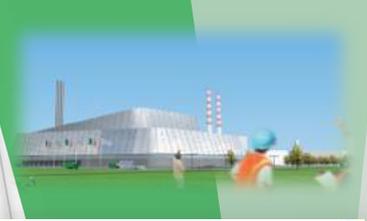
Recovery is an important part of a sustainable waste plan. Diversion from landfill and the adoption of energy producing technologies, partly as a result of increases in landfill levies and 'E.U. Targets', has seen a big move away from landfill.

In 2017 the new incinerator at Poolbeg, Dublin opened with the capacity to process 600k tonnes per year. The Incinerator is operated by Covanta, and will provide energy and heat to 80,000 homes. As KeyWaste largely operates in the city centre area it will also reduce our carbon footprint, by reducing the distance our vehicles travel to tipping facilities.

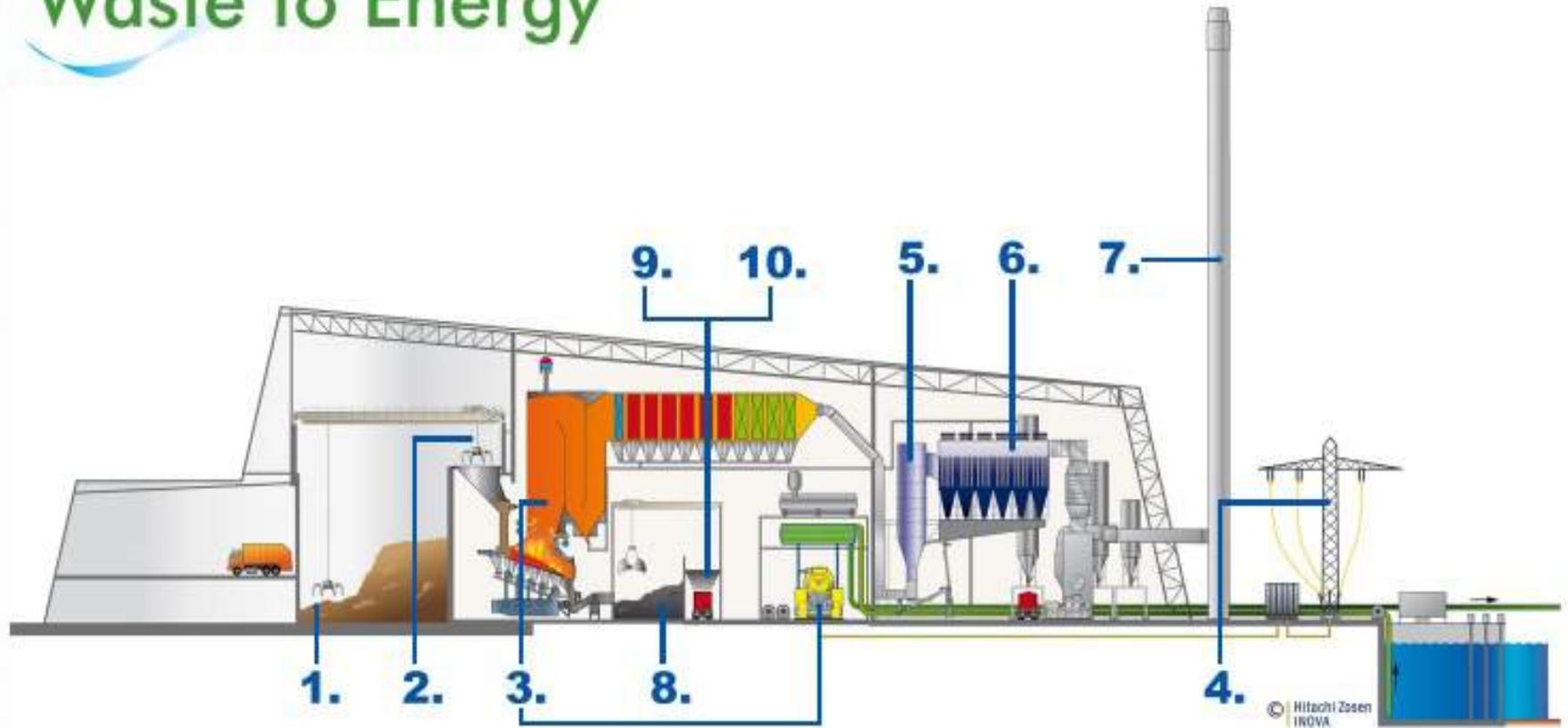
KeyWaste dropped the 'one millionth' tonne of waste here in April 2019.



GENERAL WASTE



Dublin Waste to Energy



How it Works

Dry Mixed Recycling (Green Bin)



Recycling when not contaminated is brought to a M.R.F Facility (Material Reclamation Facility) Here it is sent through various stations such as ...

- Sizing
- Computerised Optical Sorting
- Magnetic Screenings
- Visual Inspection By Staff



Ireland's recycling has mostly gone to China via Europe but this has stopped since Jan 2018.

IF 10 PEOPLE RECYCLE CORRECTLY AND ONE PERSON DOESN'T, THAT PERSON IMPACTS THE GOOD WORK DONE BY OTHERS.



Waste Signage Posters

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GENERAL WASTE BIN

What can go into a general waste bin?



Plates and Mug Heads Black Bag Waste Cigarette Butts



Polystyrene Cups Nappies Vacuum Bags

Always try to Reuse and Recycle your Waste

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DRY MIXED RECYCLING

What can go into a recycling bin?



Newspapers Drink Cans Food Tins



Plastic Bottles Plastic Containers or TETRA-PAK

Magazines Cardboard Plastic Packaging

All recyclables must be washed clean!

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ORGANIC WASTE

What can go into an organic bin?



Cooked & Uncooked Vegetables Cooked Meat & Fish Green Waste



Coffee & Tea Bags Kitchen Roll & Napkins Packaged Food

Clear or compostable bags must be used to contain waste in your organic bin.



REMEMBER!

Recycling!

Clean!

Dry!

Loose!

Your new household recycling list

Rigid Plastics



Plastic Drink Bottles



Plastic Cleaning Bottles



Butter, Yoghurt & Salad Tubs



Fruit & Veg Trays



Plastic Milk Cartons



Soap or Shampoo Bottles

Tins & Cans



Soup Cans



Pet Food Cans



Drink Cans



Food Cans

**Clean,
Dry and
Loose**

Paper & Cardboard



Letters and Brochures



Cardboard Boxes (Flat)



Egg Boxes



Toilet and Kitchen Roll



Newspapers



Tetra Pak Juice or Milk Cartons



TOP CONTAMINATION ITEMS IN GREEN BINS

- 1. Food Waste** (Place in food bin, a bag with all recycling but with one banana skip or some coffee grinds etc. is considered contaminated so it goes into the general bin if so).
- 2. Polystyrene** (Place in general bin).
- 3. Black Bag Waste** (Content is not visible therefore we cannot determine if recyclable. Simply empty the contents into the bin from the bag or use clear bags, loose recycling makes it easier to sort at the facility).
- 4. Unwashed Plastics** (Make sure to rinse out food containers etc.)
- 5. Glass** (Use glass bin or local bottle bank, must be 100% glass, no bags/cardboard boxes ,crockery etc.)
- 6. Non-domestic waste items** (Furniture/electrical etc.)
- 7. Wet Waste** (Half full water bottle or liquids etc. – place in general)
- 8. Tradesperson's waste** (Flooring and wood etc. Tradesperson's and renovation waste is not permitted and they must remove themselves



WEEE RECYCLING

Waste Electrical and Electronic Equipment

According to the recent figures WEEE Ireland claim that Irish people recycle the highest volume of WEEE per person in Europe. Ireland recycled 15 million Items in 2015 an increase of 15% on the previous year. Including....

- 250,000 TV's and Monitors
- 600,000 large house hold appliances

A large focus on recycling batteries is also now in place with 28% of all batteries that go onto the market



COMPOSTING/ ANAEROBIC DIGESTION

Waste food regulations came into force in 2010

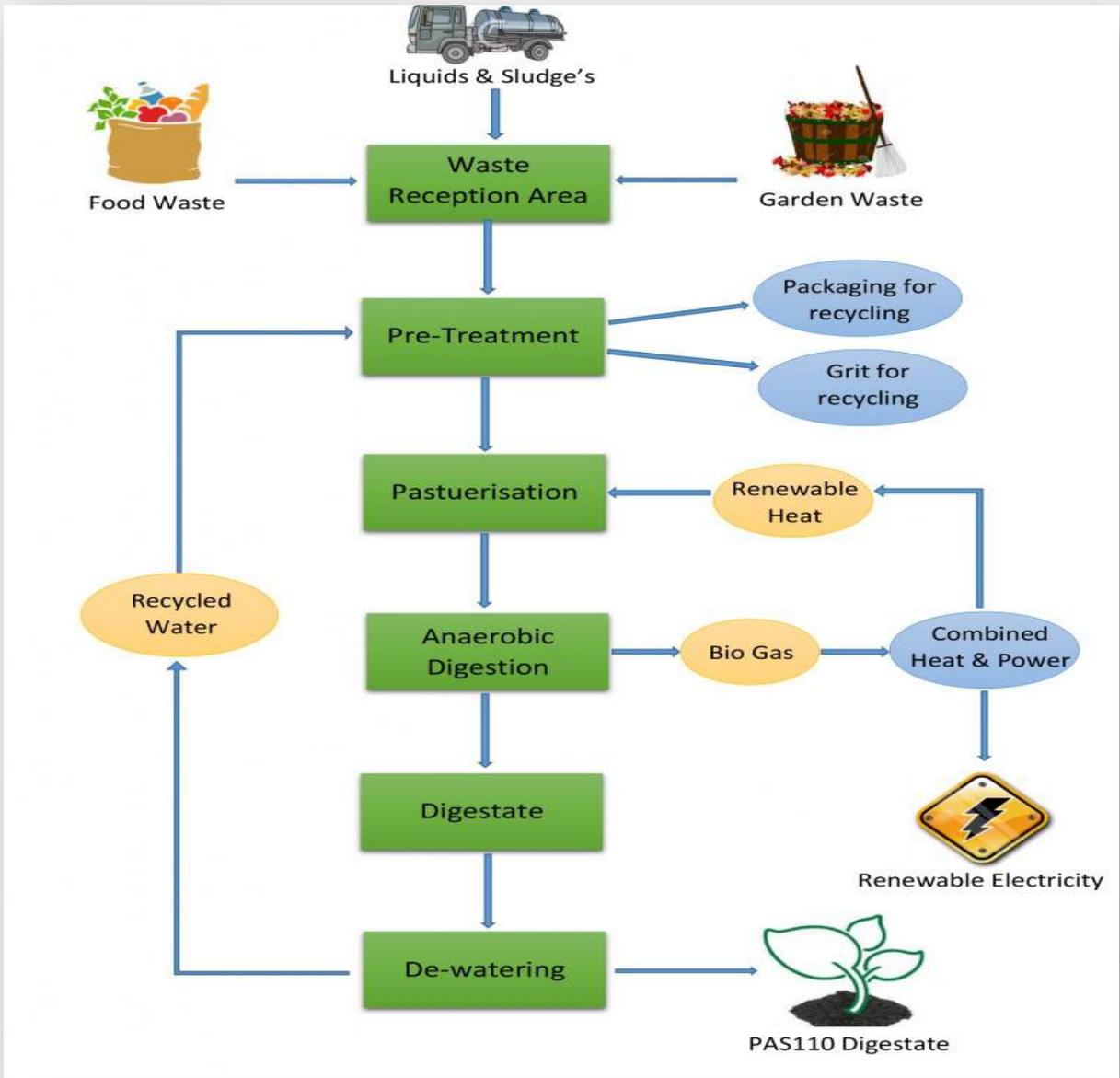
- Business's having to comply from July 2011
- Households having to comply from 2013

Compost and food waste is brought to a state of the art 'anaerobic digestion facility'. Here the contaminants are removed and the waste turned into a fertiliser called digestate. The methane produced in this process (which is a potent green house gas) is converted into on site renewable electricity.



COMPOSTING/ ANAEROBIC DIGESTION

How does it work ?



GLASS RECYCLING



Glass is brought to a world class processing plant in Naas, Co. Kildare. Run by our glass partner Glassco, Irelands largest glass collector. There, it is sent through a number of processes such as size screening, metal separation, contaminant removal and colour sorting. The resultant product 'glass cullet' is then sent to a glass works where it is melted down to make new glass bottles and jars.

**590,000,000
Bottles & Jars**

During the period January 2015 to June 2016 inclusive, **Rehab Glassco** handled and processed over 180,000 tons of post-consumer glass which is the equivalent of over a half a billion bottles and jars. If laid end to end, this quantity of glass would stretch for 111,000kms or around the earth two and a half times!



Ireland has come a long way in relation to recycling and is considered to be one of the leaders in waste management.

- We were the first to introduce the plastic bag levy.
- In 2016 Ireland was ranked 7th in the E.U. for recovery of packaging waste.
- We reduced Landfills from 126 to 4 with 2 nearly at full capacity.
- Over the past 20 years, Ireland has recycled eight billion plastic bottles, seven billion glass bottles, six billion aluminium cans and four million tons of paper and cardboard.

DID YOU KNOW
THAT YOU! CAN
MAKE A
DIFFERENCE?



Sustainability & Wellbeing

These go hand in hand!

- Do something good today and share your deed to try encourage others to follow, at the same time do something good today and don't tell anyone.
- Get daylight every day, go for a short walk when you can, you'll appreciate the environment and yourself more.
- Let someone cut ahead of you in line.
- Give clothes not worn to charity.
- Reuse and share items and property with others, its ok in life to use or repurpose, it's the new 'chic'.



Did You Know ?

You Can make a bicycle out of 650 aluminium.

Approximately 75% of all the aluminium every produced is still in circulation today.

22,000 disposable coffee cups are used in Ireland every hour.
That's 528,000 per day.

35% of the wood harvested worldwide is used to make paper products.

It takes up to 500-1000 years for plastic to decompose.

It is possible to recycle one sheet of paper up to 7 times.

Other Green Tips

At Home Give Left Over Food To Birds



Skip The Bottled Water



Walk-Cycle- Car Share To Work Or Social Events



Familiarise Yourself with Your Local Recycling Centre



HOW LONG DOES IT TAKE TO BREAK DOWN?

PAPER TOWEL	2 to 4 weeks	CIGARETTE BUTT	10 to 12 years
BANANA PEEL	3 to 4 weeks	LEATHER SHOE	25 to 40 years
PAPER BAG	1 month	TINNED STEEL CAN	50 years
NEWSPAPER	1,5 months	FOAMED PLASTIC CUP	50 years
APPLE CORE	2 months	RUBBER BOOT SOLE	50 to 80 years
CARDBOARD	2 months	PLASTIC CONTAINER	50 to 80 years
COTTON GLOVE	3 months	ALUMINUM CAN	200 to 500 years
ORANGE PEELS	6 months	PLASTIC BOTTLE	450 years
PLYWOOD	1 to 3 years	DISPOSABLE DIAPER	550 years
WOOL SOCK	1 to 5 years	MONOFILAMENT FISHING LINE	600 years
MILK CARTON	5 years	PLASTIC BAG	200 to 1000 years

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REMEMBER!

**KEEP UP THE GOOD WORK, IF
YOU SEE A COLLEAGUE
PUTTING THE INCORRECT
WASTE INTO A BIN, PLEASE
WORK TOGETHER AND HELP
EACH OTHER BECOME
RECYCLING LEGENDS BY
RECYCLING CORRECTLY.**



**THANK YOU FOR
YOUR HELP!**

