

Waste Management

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Overview

- Roles and responsibilities
- Approach to tackling waste
- Local action



Roles and Responsibilities

The Environmental Protection Act (1990) set out the following roles:

- Waste Regulation Authority – Environment Agency
- Waste Planning Authority – Gloucestershire County Council
- Waste Disposal Authority – Gloucestershire County Council (WDA)
- Waste Collection Authority (WCA) – District Councils
(Unitary councils hold both WCA and WDA functions)



Local Authority Functions

WDA:

- Treatment and disposal of household waste
- Household Recycling Centres (HRCs)

WCA:

- Collection of household waste
- Collection of recyclable waste
- Street cleaning and clearance of fly-tipping

Shared (non-statutory):

- Strategic service planning
- Communications and community engagement

The true cost of waste

Disposal costs

Visible costs

- **Lost materials**
- **Energy costs**
- **Lost labour**
- **Other costs**

Invisible costs

On average, the true cost of wasted materials is about ten times the cost of disposal.

Waste Hierarchy



What's in your waste?

In 2019 we did a survey to find out what's in Gloucestershire's waste. Here's what is in your waste bin:

Food waste 25%

Paper 11%

Garden waste 8%

Plastic containers 8%

Textiles 5%

Card 4%

Non-recyclable 39%



OVER 60%
of what's in
your waste
bin can be
recycled!

LOCAL ACTION



Waste Prevention

- Real Nappies Campaign
- Master Composters
- Home Composting Bin sales
- Support & Promote Community Reuse Projects



Communications

- Instructional – service information, collection calendars
- Material specific campaigns – plastics, food waste etc.
- Seasonal campaigns – Christmas, Halloween etc.



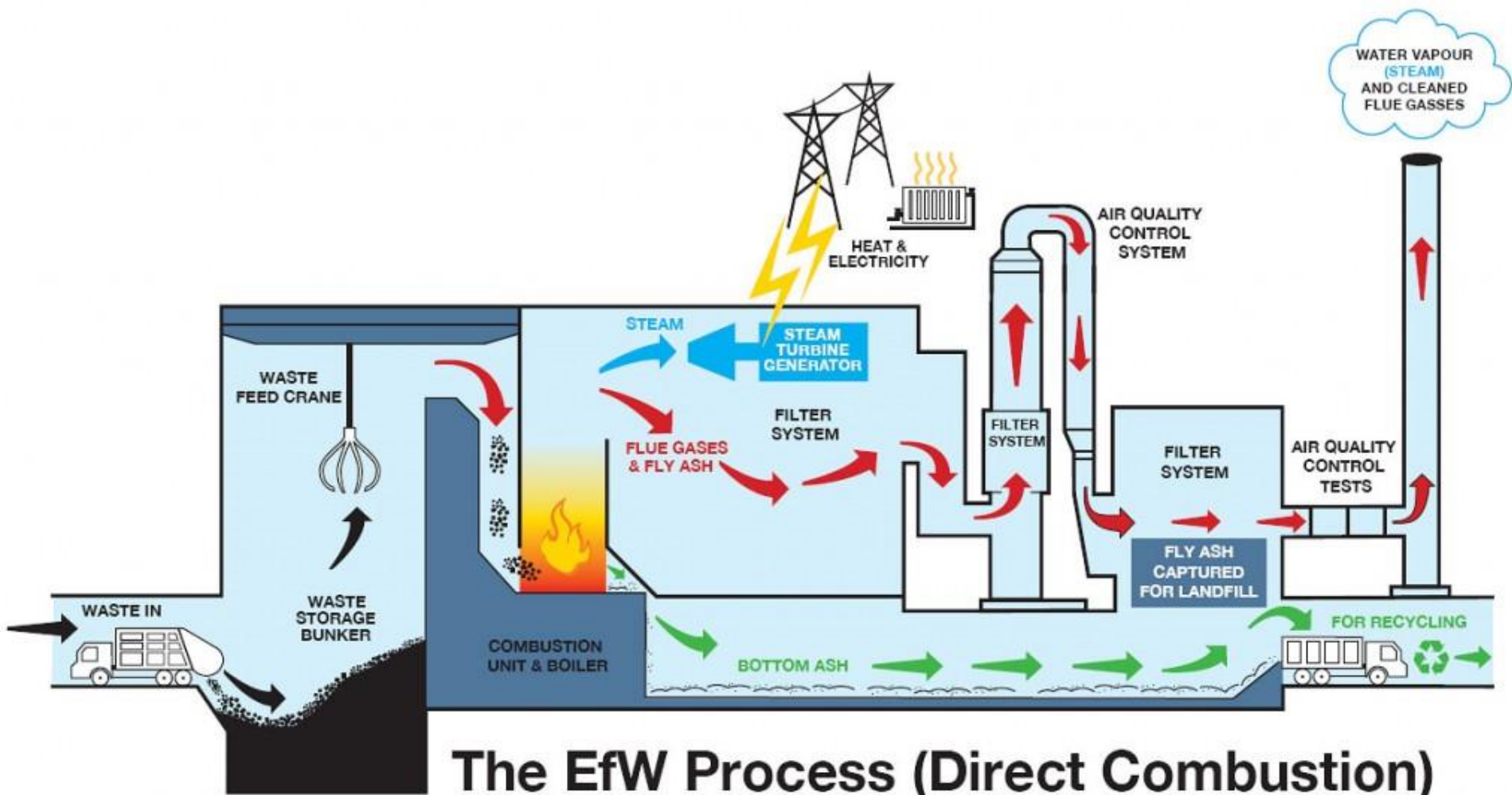
Recycling

- Comprehensive kerbside recycling collections
- Food waste collections
- Garden waste collections
- Five Household Recycling Centres
- A 51% recycling rate (national average 45%)



Energy Recovery – Javelin Park





The EfW Process (Direct Combustion)