

**Tim Reid**

Director

**Gather Analytics & Advisory**

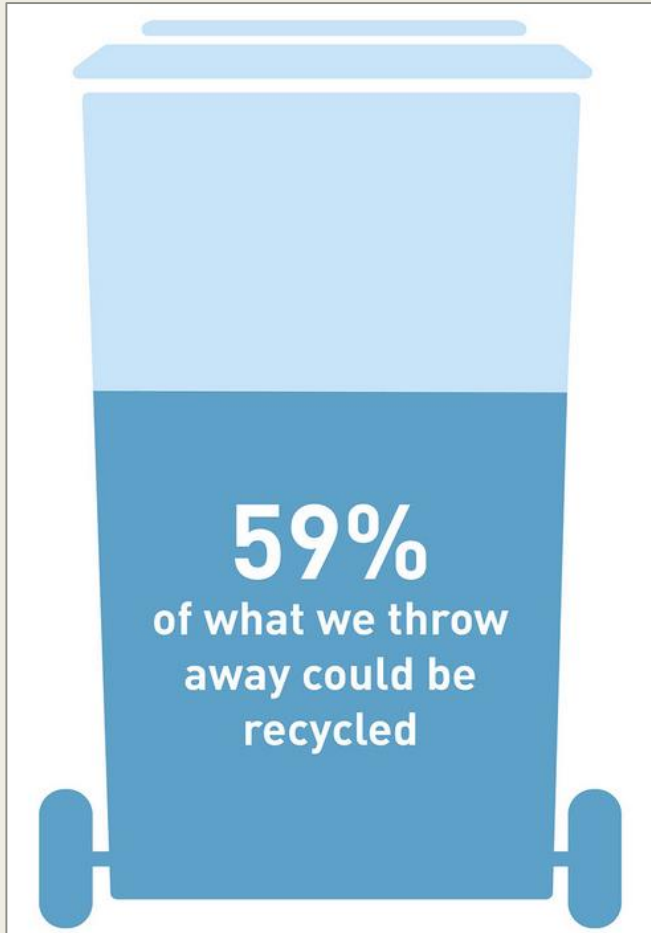
[www.gather.org.uk](http://www.gather.org.uk)

- Data analysis and modelling
- Markets analysis and forecasting
- Collaborative research
- Strategic advisory



**GATHER**

# Waste data applications



Source: Zero Waste Scotland


- Performance benchmarking
  - *Waste Composition*
- Policy & Strategy
  - *Deposit Return Scheme*
  - *Residual Waste Capacity*
- Procurement
  - *Market analysis*
  - *Due Diligence*

# Site return data: applications

- DMR Reprocessing: Business Models, Economics and Investment Opportunities
  - *Quantification of key DMR materials available to potential Scottish re-processors*
  - *Value chain mapping*
- Impact of China Import Restrictions on Scottish Paper and Plastic Market
  - *Assessment of Scottish market*
  - *Impact of reduction in demand*

You are here: [Home](#) > [Environment](#) > [Waste](#) > [Waste data](#) > [Waste data reporting](#) > [Waste site information](#)

## Waste site information



[Scottish waste sites and capacity tool](#)

Last updated: October 2018

### Waste Sites and Capacity Information

This Scottish waste sites and capacity tool provides information about the numbers and types of Waste Management License (WML) or relevant Pollution, Prevention and Control (PPC) permit regulated by SEPA. The tool presents the data in a visual and interactive format, allowing users to filter the data for their own specific requirements, such as waste treatment method or geographic region. If required the information can be downloaded into Excel.

This information can be used for a variety of purposes ranging from data to support waste management planning and policy decisions to informing businesses about options for managing their waste. SEPA uses the data for reporting under the European Union Waste Statistics Regulations.

The information in this tool is updated on a quarterly basis and is subject to review.

This tool provides details about:

- [Landfill sites and capacity](#) - includes the numbers and types of landfills in Scotland, the amount of waste they landfilled at each site in a given year, the remaining capacity for each site and, where available, their annual capacity of the site. There is also an interactive map showing the location of these landfills. The landfill pages also allows users to display information about historical closed landfills.
- [Waste sites and capacity](#) - includes the numbers and types of all licensed/permitted waste management facilities in Scotland holding a WML or PPC (Activity 5 and 6.8b). It shows amount of waste each site handles in a given year (as inputs, treatment onsite and output tonnages) and, where available, their annual capacity of the site. There is also an interactive map showing the location of these sites.
- [Site return information](#) - displays a summary of waste inputs to and outputs from individual waste facilities by EWC code and tonnage on a quarterly/annual basis.

Current data published within the tool:

Information	Years published
Landfill sites and capacity	2013 - 2017
Waste sites and capacity	2013 - 2017
Site return data	Q1 2007 – Q1 2018

Source: SEPA

# Site return data: limitations

- Availability of data
  - *Permitted sites only*
  - *Site inputs and outputs only*
- EWCs
  - *Insufficient nuance (e.g. DMR, paper & card, 20 03 01, 19 12 12, etc.)*
  - *What is commercial waste?*
  - *No indicator of grade or quality*
- Application
  - *Double counting*
  - *Coding (and on-site transformations)*
  - *Understanding of end-of-waste criteria*
  - *Regulatory, not market, data*
  - *Communication with other data sets (e.g. WDF, WDI, etc.)*

# EWC codes

Material	EWC code	EWC description	Comments
Paper and cardboard	15 01 01	paper and cardboard packaging	
	19 12 01	paper and cardboard	
	20 01 01	paper and cardboard	
Plastics	02 01 04	waste plastics (except packaging)	
	07 02 13	waste plastic	
	15 01 02	plastic packaging	
	16 01 19	plastic	
	17 02 03	plastic	
	19 12 04	plastic and rubber	Includes rubber and non-packaging plastic.
	20 01 39	Plastics	May contain non-packaging plastics
Mixed	15 01 06	mixed packaging	Can be used for co-mingled DMR (uncertainty w.r.t. glass and paper)
	20 03 01	mixed municipal waste	Used for kerbside residual waste, DMR and Recycling Centre residual waste from both household and commercial sources, and sometimes used for rejects from a sorting process

# Waste data wish list

- Waste tracked into and out of exempt sites
- A standardised nomenclature for more nuanced material categories
- Account taken of on-site transformations between EWC chapters
- Industry-wide understanding of end-of-waste criteria (and hence, more accurate and consistent regulatory submissions)
- A harmonised UK-wide register of all waste destinations
  - *Re-coded waste facilities / permits for activities*
- Carrier's licence number for consignments
- A codeless submissions portal
- Nested EWC codes, including quality and composition
- Harmonisation of site return and WDF submissions process
  - *Identifiable LA tonnage*
  - *Detailed destination information*

# Thank you

**Tim Reid**

Director

**Gather Analytics & Advisory**

07969 722 157

[tim@gather.org.uk](mailto:tim@gather.org.uk)

[www.gather.org.uk](http://www.gather.org.uk)



**GATHER**