

## Resource Pack

# Responding to the requirements of the Waste Regulations (England and Wales) 2011 (amended 2012)

This Resource Pack highlights relevant legislation, information and resources that may be useful to Local Authorities. It provides links to the key legislation referred to in the [Waste Regulations Route Map](#) and provides links to data, information and good practice guides covering a range of kerbside and other recycling collection schemes.



## Relevant legislation & associated guidance

Title and link	Description	Relevance
<a href="#">Waste legislation and regulations - Defra</a>	Includes links to the revised EU Waste Framework Directive 2008/98/EC (rWFD) and the Waste (England and Wales) Regulations 2011.	The rWFD was revised to clarify key concepts such as the definitions of waste, recycling and disposal and push waste further up the waste hierarchy. It is the explicit goal of the rWFD that the EU should become more of a recycling society, seeing to avoid waste generation and to use waste as a resource.
<a href="#">The Waste (England and Wales) Regulations 2011</a>	A link to the 2011 regulations which should be read in conjunction with the amended 2012 regulations.	The Waste Regulations 2011 transposed key elements of the rWFD into English and Welsh law.
<a href="#">The Waste (England and Wales) (Amendment) Regulations 2012</a>	A link to the 2012 amended regulations which should be read in conjunction with the original 2011 regulations.	Regulations 13 and 14 were revised after a challenge on the wording in the 2011 Regulations
<a href="#">European Commission guidance on the revised Waste Framework Directive</a>	European Commission guidance on the interpretation of key provisions of Directive 2008/98/EC on waste	Provides detailed explanations of the articles within the rWFD
<a href="#">Guidance on applying the waste hierarchy</a>	This Defra guidance is for any business or public body which generates handles or treats waste. Relates to Article 4 of the rWFD.	This guidance is produced under regulation 15(1) of the Waste (England and Wales) Regulations 2011 and any person subject to the regulation 12 duty must have regard to it.
<a href="#">Outcome of the Judicial Review</a>	UK Recyclate Ltd and Others v Secretary of State for Environment, Food and Rural Affairs and Welsh Ministers, Royal Court of Justice, Case No. CO/6117/2011, 6th March 2013.	Useful to put the amendments into context and contains some further explanation of the requirements in Regulation 13.
<a href="#">Lord de Mauley's letter</a>	This letter was sent to the local authority networks by the then Parliamentary Under Secretary of State to all local authorities in England and Wales with regards to the requirements in the waste regulations.	

## Relevant legislation & associated guidance – continued

<p><a href="#">The Environmental Permitting (England and Wales) (Amendment) Regulations 2014</a></p>	<p>This legislation contains the new Regulation 35 Schedule 9A which relates to materials facilities.</p> <p>The purpose of this new Regulation is to help stimulate the market conditions necessary to improve the quality of the material produced by materials facilities so that it can be more readily recycled.</p>	<p>Information on the quality of recyclate produced by MRFs is needed to demonstrate compliance with the separate collection requirements of the Waste Regulations.</p>
<p><a href="#">The Localism Act 2011</a></p>	<p>Section 48 of the Localism Act 2011 refers to the power to require public authorities to make payments in respect of certain EU financial sanctions</p>	

## Recycling collection guidance and tools

Title and link	Description	Relevance
<a href="#">Kerbside recycling: indicative costs and performance report</a>	This report is intended to provide a systematic appraisal of the characteristics of the principal kerbside recycling collection systems looking at both their cost and effectiveness. This report is in the process of being updated.	Useful for providing indicative cost information for different kerbside recycling systems and of helping to inform the cost of any change to collection systems
<a href="#">Recycling Collections from Flats guidance</a>	This guide is designed to assist local authority officers to launch, manage and improve recycling and food waste collection schemes for blocks of flats, flats within commercial premises and HMOs.	Contains lots of good practice information and case studies. Useful resource for authorities not yet providing services to residents in flats or looking to make improvements.
<a href="#">Bring Recycling Guide</a>	This guide on bring site recycling is designed to help local authorities improve the performance of bring recycling sites and ensure they are a valuable element of the overall recycling service local authorities offer to residents.	Useful resource for authorities that may not be able to collect all four materials at the kerbside and are looking to expand their bring site network.
<a href="#">Household Waste and Recycling Centres</a>	This is a guide on managing efficient and effective household waste and recycling centre (HWRC) services. It gives examples of good practice, an overview of relevant legislation, up to date statistics on HWRC provision and evidence-based approaches to assessing and improving HWRC performance.	Contains information to help managers or operators in the HWRC network to improve performance and meet or exceed the ever-higher standards required of them by the public and by law. This could be useful for ensuring recycling is separated on site in a way that moves it up the waste hierarchy and improves quality.
<a href="#">Bulky Waste Guidance</a>	This guide provides ideas and identifies opportunities to increase the amount of household bulky waste that is re-used and recycled. It covers both collections from households and provision of services at household waste recycling centres.	In relation to Article 4, this guide can assist with identifying ways to treat waste further up the waste hierarchy.

## Recycling collection guidance and tools – continued

<p><a href="#">Local Authority Waste and Recycling Information Portal</a></p>	<p>The portal consists of three sections:</p> <ol style="list-style-type: none"> <li>1. performance benchmarking for kerbside dry and residual yields</li> <li>2. collection scheme details for all local authorities with search function</li> <li>3. recycling and waste statistics at a UK and nation level</li> </ol>	<p>You can search for information on a specific local authority, or set criteria to find authorities that are running similar schemes. This is really helpful if you are thinking of starting a new scheme and want to talk to someone who has first-hand experience. It also allows you to find out what schemes similar authorities are operating and how they are performing.</p> <p>It is also useful for benchmarking performance of your kerbside service against nearest neighbours and against national performance.</p>
<p><a href="#">Collection vehicle research and development</a></p>	<p>This report describes a collaborative project co-ordinated by WRAP to bring together a wide cross section of waste industry interests to explore improvements to the vehicles used in collecting recycled materials.</p>	<p>Useful information on newer designs of collection vehicles, particularly for sorting at kerbside, and considerations for collecting glass.</p>
<p><a href="#">Putting UK waste to work at home and abroad</a></p>	<p>The aim of this report by the Associate Parliamentary Sustainable Resource Group is to make a range of recommendations to Government, to industry, and to the resources sector to address areas where opportunities for UK economic growth and resilience remain untapped.</p>	<p>Contains some useful information on quality of recycling and PRNs</p>

## Material specific collections & quality guidance/tools

Title and link	Description	Relevance
<a href="#">Improving the quality of recyclates: Quality action plan (England only)</a>	The Quality Action Plan sets out measures aimed to support a market environment which is capable of promoting high quality recycling and delivering recyclates of sufficient quality to meet the standards of the relevant recycling sectors.	
<a href="#">Report - Contamination in source-separated municipal and business recycle in the UK 2013</a>	This report contains findings from a study by Zero Waste Scotland. The aim of the project was to determine the typical levels of contamination in dry recycle separately collected from households by local authorities and from the commercial and industrial sector by local authorities, reprocessors or third-party waste management companies. It looked at five materials - paper, card, glass, metal and plastics – as defined in the Waste Scotland Regulations.	Provides data on contamination levels in material streams that have been separately collected (at kerbside).

### Paper

<a href="#">Introduction to PAS105 Recovered paper sourcing and quality for UK end markets</a>	The main aim of this PAS is to explain the key factors that influence the efficient recycling of recovered paper in order to promote best practice throughout the whole process chain.	Includes guidance on collections and ensuring high quality paper recovery. Links to Regulation 12
<a href="#">Guidance on the revised EN643 - European List of Standard Grades of Paper and Board for Recycling</a>	EN 643 is the European List of Standard Grades of Paper and Board for Recycling. Revised in 2013, the new text includes several major improvements, including a grade-specific tolerance level for non-paper component and more detailed descriptions per grade. A major change in the new EN 643 is the introduction of maximum tolerance levels for non-paper components (maximum of 1.5% for the majority of grades) and for unwanted materials.	Useful for checking the quality of outputs for paper and board is high up the waste hierarchy in accordance with Regulation 12

## Paper - continued

<a href="#">Fact sheet on quality recovered paper</a>	<p>'Quality recovered paper' is used paper and board which has been collected from the waste stream and can be used, without further sorting, in the papermaking process to make new paper and board products. This fact sheets talks through the importance of quality and links to PAS105</p>	<p>Useful tips on collections and ensuring quality recovered paper.</p>
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## Plastic

<a href="#">Kerbside collection of plastic bottles guide</a>	<p>This guide takes you through research conducted on kerbside collections of plastic bottles. It explores the importance of collecting high quality materials and what this means, the types of kerbside collection that could be used and their advantages, and the steps you need to take to be sure it is right for you</p>	<p>Useful if you are planning to implement a kerbside collection of plastic bottles or looking to improve the performance of your existing one. Relates to duties under Regulation 13.</p>
<a href="#">Collection and sorting of household rigid plastic packaging</a>	<p>This guide focuses on the kerbside collection of rigid plastic packaging (pots, tubs and trays) and the supply chain that flows from it. It provides information for local authorities on how the supply chain works and the questions they should ask to inform procurement and service-change decisions. This in turn will help authorities respond to demand from residents and regulatory drivers to increase recycling rates for post-consumer plastic packaging.</p>	<p>Useful if you are planning on expanding the range of plastics collected at the kerbside. Relates to duties under Regulation 13.</p>
<a href="#">Resources to enable the recycling of household plastic film</a>	<p>This guide informs local authorities and other collectors of the challenges associated with collecting, sorting and recycling household plastic film.</p>	<p>Useful if you are planning on expanding the range of plastics collected at the kerbside. Relates to duties under Regulation 13.</p>

## Glass

<a href="#">Choosing and improving your glass collection service</a>	<p>This good practice guide provides essential information to local authority waste managers on the collection and recycling of glass.</p>	<p>Whether planning new glass collections, or making alterations to existing schemes, it can help you introduce the most sustainable service. Relates to duties under Regulation 13.</p>
<a href="#">Noise exposure in glass collections for recycling</a>	<p>Information for employers and local authorities on the noise levels experienced by waste collection operatives on a variety of collection systems.</p>	
<a href="#">PAS101 Recovered container glass</a>	<p>PAS 101 includes a comprehensive guide to good practice in the collection and delivery of recovered container glass. Following this guidance should help collectors achieve the higher grades of the PAS 101 specification.</p>	<p>Useful tips on the collection of glass to ensure a higher proportion is sent for remelt in accordance with Regulation 12.</p>

## Metal

<a href="#">Collecting foil and aerosols with mixed cans</a>	<p>A survey carried out in August 2009 for Alupro (the Aluminium Packaging Recycling Organisation) found that around 85% of people who were not able to recycle aerosols and foil would recycle both if facilities were available. This good practice guide raises awareness about what local authorities can, and are doing, to meet this demand by collecting both clean foil and empty aerosols.</p>	<p>Useful if you are planning on expanding the range of metals collected at the kerbside. Relates to duties under Regulation 13.</p>
<a href="#">Alupro Local Authorities support page</a>	<p>The Aluminium Packaging Recycling Organisation (Alupro) represents the leading aluminium packaging producers and reprocessors in the UK. Alupro is working to meet the industry's obligation to meet, and exceed, recycling targets for aluminium packaging.</p>	<p>Useful information on metals campaigns and communication tools.</p>

## Other materials

<a href="#">Collection and Recycling of Food Waste</a>	A link to WRAP research and information on the collection and recycling of food waste	In relation to Regulation 12 – Duty in relation to the waste hierarchy.
<a href="#">Textiles Collection Guide</a>	This document is designed to help local authorities and textiles collectors such as charities, waste management companies and textile merchants increase textile re-use and recycling and reduce the amount of textiles being disposed of in residual waste. It provides practical guidance and examples of existing good practice for three key routes: <ol style="list-style-type: none"> <li>1. kerbside textile collection services;</li> <li>2. bring banks; and</li> <li>3. community re-use initiatives.</li> </ol>	In relation to Regulation 12 – Duty in relation to the waste hierarchy.
<a href="#">WEEE Re-use and Recycling</a>	A link to WRAP’s research and guidance on maximising re-use and recover of waste electronic and electrical items.	In relation to Regulation 12 – Duty in relation to the waste hierarchy.

## Lifecycle thinking

Title and link	Description	Relevance
<a href="#">Waste and Resources Assessment Tool for the Environment (WRATE)</a>	<p>WRATE (Waste and Resources Assessment Tool for the Environment) software compares the environmental impacts of different municipal waste management systems.</p> <p>WRATE uses life cycle assessment to include the resources used, waste transportation and operation of a whole range of waste management processes with their environmental costs and benefits.</p>	<p>Useful lifecycle tool. NB assumptions have not been updated for sometime</p>
<a href="#">Guide to cost benefit analysis of investment projects</a>	<p>The European Commission has produced detailed guidance on cost benefit analysis in relation to assessing emissions impacts</p>	<p>The assessment of some kinds of emissions impacts (e.g. CO<sub>2</sub>) lends itself well to appraisal through a cost benefit analysis, which enables the environmental impact of each option to be compared with its financial cost.</p>
<a href="#">Environmental Benefits of Recycling</a>	<p>In 2006, WRAP published a major research report, Environmental Benefits of Recycling, based on an international review of life cycle analyses (LCA) that evaluated the impact on the environment of recycling, landfilling or incineration of key materials in UK waste streams. This was updated in 2010 to reflect the emergence of new waste management options and new waste streams.</p>	<p>Materials included were paper, glass, steel, aluminium and plastics</p>
<a href="#">GLA's Greenhouse Gas Calculator</a>	<p>The Greenhouse Gas Calculator (Excel), developed by the Greater London Authority (GLA) is a free tool that can be used to determine the emissions of an authority's waste management solutions, based on WRATE lifecycle assessment methodology. The tool also calculates whether the option meets the Mayor's emissions performance standard and carbon intensity floor.</p>	

## Lifecycle thinking – continued

<a href="#">The Carbon impact of Scotland's waste</a>	<p>Scotland is measuring the carbon impact of its waste in order to support and record work to reduce waste and its damage to the environment. The reports and tools which measure the carbon impact of Scottish waste are known as the Carbon Metric.</p>	<p>Useful tools for considering the carbon impact of collections.</p>
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## Transposition of the Waste Framework Directive elsewhere in the UK (and associated guidance)

Title and link	Description	Relevance
<a href="#">Waste (Scotland) Regulations</a>	<p>Waste (Scotland) Regulations were passed by the Scottish Parliament on 9 May 2012. The new Regulations will also play a key role in helping Scotland reach its ambitious target of 70% recycling of all waste by 2025.</p>	
<a href="#">Resource Efficient Scotland</a>	<p>A link to useful case studies and tools for the Waste (Scotland) Regulations</p>	<p>May contain useful case studies for meeting the English and Welsh regulations</p>
<a href="#">Welsh Government Municipal Sector Plan</a>	<p>The Municipal Sector Plan only covers waste collected by Welsh Local Authorities or that is collected by private or third (voluntary) sector waste management companies for Local Authorities. The Municipal Sector Plan supports 'Towards Zero Waste', the overarching waste strategy for Wales. It does this by detailing outcomes, policies and delivery actions for this sector.</p>	<p>Contains the Welsh Collections Blueprint which describes the Welsh Assembly Government's recommended service profile for the collection of waste from households.</p> <p>It claims that, if their recommended system was adopted across the whole of Wales, it would result in high rates of high quality recycling, significant cost savings and improved sustainable development outcomes.</p>
<a href="#">Welsh local authority recycling figures: end destinations report</a>	<p>This report is a review of the destination of waste collected for recycling as reported by the local authorities in Wales between April 2011 and March 2012.</p>	

## Transposition of the Waste Framework Directive elsewhere in the UK (and associated guidance) - continued

<a href="#">The Waste Regulations (Northern Ireland) 2011</a>	Northern Ireland's transposition of the revised Waste Framework Directive	
<a href="#">Revised Northern Ireland Waste Management strategy</a>	The revised Northern Ireland Waste Management Strategy entitled Delivering Resource Efficiency sets the policy framework for the management of waste in Northern Ireland, and contains actions and targets to meet EU Directive requirements and the Department's Programme for Government commitments.	

## Other useful information

Title and link	Description	Relevance
<a href="#">Household Waste Prevention Toolkit</a>	<p>This WRAP toolkit is designed to take you through a logical process to help you prioritise and plan waste prevention activities. It is structured so you can work through it in one go or dip in and out. Use the toolkit to help you produce or update a waste prevention plan and get ideas to deliver waste prevention activities.</p> <p>NB: It is being updated.</p>	<p>In relation to the requirements under Regulation 12 and moving waste up the hierarchy.</p>
<a href="#">Composition of Local Authority waste</a>	<p>This Defra publication covers the composition of local authority waste – updated 2010/11</p>	<p>Useful for Step 1 of the Route Map – understanding your current waste collections.</p>
<a href="#">Barriers to Recycling at Home</a>	<p>This report identifies four types of barriers to recycling at home faced by consumers and suggests which communication messages would address the issues for each of seven key audience segments.</p> <p>Results of updated research due to be published by early summer.</p>	<p>Information contained could be useful for improving existing collections/decreasing contamination by understanding what barriers residents face and addressing these. Will assist with meeting the requirements under Regulations 12 and 13.</p>
<a href="#">Improving recycling through effective communications</a>	<p>A practical guide to improving recycling performance through effective communications with your residents.</p>	
<a href="#">End Destinations of Recycling Charter</a>	<p>The End Destinations of Recycling Charter is a voluntary initiative that seeks to improve the transparency around the end destination of recyclable materials from the household waste stream. By providing better information to the public, the aim is to raise awareness and understanding, improve public confidence in the recycling process, and increase participation in recycling schemes.</p>	<p>Useful reminder to keep track of the end destination of your materials. Available to local authorities in England and NI to sign up to. Could be useful for evidence gathering.</p>

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