

Technical Annex 7: Waste

This Technical Annex supports the Waste chapter of the report *Meeting Carbon Budgets - 2016 Progress Report to Parliament*.

CCC indicators

In our 2014 Progress Report we set out an indicator framework for monitoring progress in waste emissions towards meeting the first four carbon budgets. Published statistics show waste emission reductions are ahead of these indicators, mainly due to an increase in methane capture rates (Table A7.1). N₂O emissions have risen with increased anaerobic treatment of waste and CO₂ emissions have reduced with falling incineration without energy recovery.

Table A7.1. The Committee's waste indicators (% change from 2007)

Waste	Budget 2	Budget 3	Budget 4	2014 indicator	2014 outturn
Headline indicators					
Waste Landfill CO₂e emissions	-74%	-82%	-89%	-63%	-67%
Biodegradable waste to landfill	-64%	-77%	-93%	-50%	-49%
Methane captured at landfill	Increase from 61% in 2013 to 65% by 2016 and maintain at this level			62%	66%
N₂O emissions	-2%	+2%	+4%	-4%	+20%
CO₂ emissions	No more than +25%			+12%	-10%

Table A7.1. The Committee's waste indicators (% change from 2007)

Waste	Budget 2	Budget 3	Budget 4	2014 indicator	2014 outturn
Supporting indicators					
Defra to agree responsibility deals with sectors specified in waste review (waste management, paper, packaging, textiles)					Packaging producer regulations
Defra to explore scope to strengthen incentives through the waste chain.	End 2017				Additional waste prevention measures
Defra to consider and publish an approach to increase methane capture rates towards best practice, with milestones and measures to ensure these are met.	End 2017				No progress
Defra to publish specific strategies on how to reduce each of main biodegradable waste sources (specifically food, paper/card, and wood) from households and businesses, with milestones and measures to ensure these are met.	End 2016				No progress
The Government to consider mandating UK-wide provision of separate food waste collection services by local authorities.	End 2016				No progress
Defra to follow the examples of Scotland and Wales which plan to ban or divert biodegradable waste from landfill, by reconsidering bans on major sources of biodegradable waste.	End 2016				No progress

Source: CCC analysis