



**Composting & Anaerobic Digestion  
Association *of* Ireland**



**Composting and Anaerobic Digestion  
Market Report May 2012**



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## Ireland

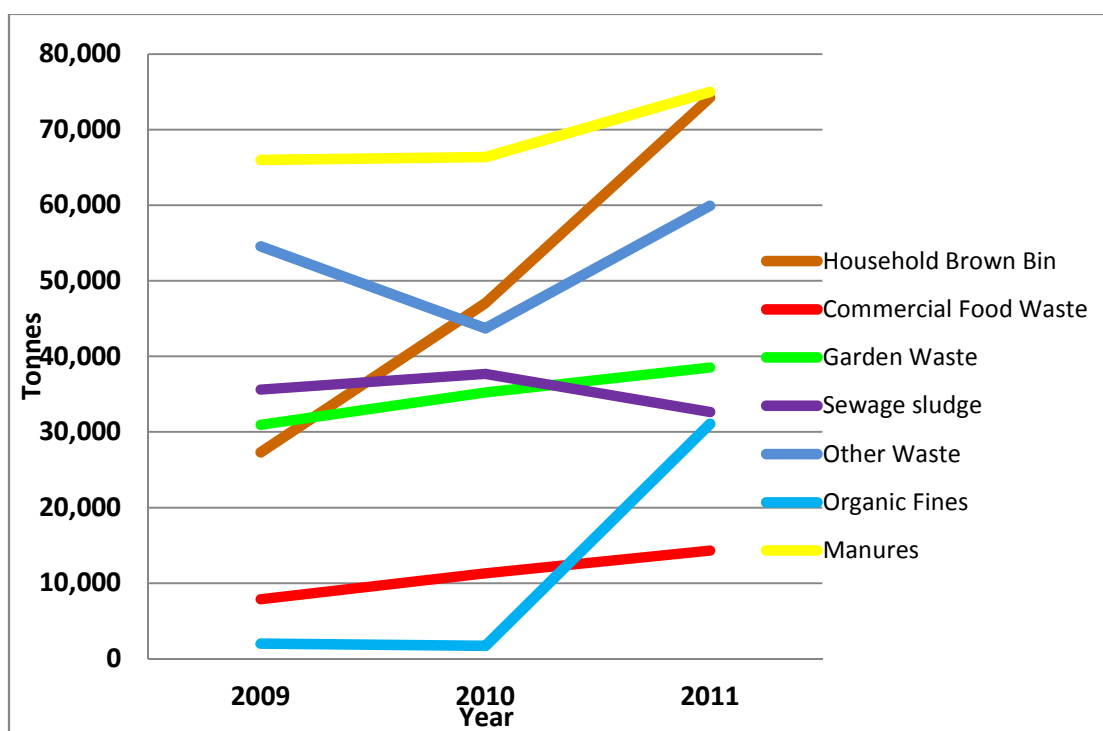
A survey was conducted of composting and anaerobic digestion facilities in the Republic of Ireland. This survey asked operators of facilities for data on the tonnes of various waste streams processed in 2009, 2010 and 2011. The survey has some limitations<sup>1</sup>.

There have been many recent changes in the industry such as the commercial food waste regulations, EPA pre-treatment guidance on landfills and the landfill levy increases. Cré wanted to take an accurate 'pulse' as to how many tonnes had been processed and to identify the trends.

The survey identified the following trends:

- ▶ The total tonnes processed increased by 45% within two years; from 224,185t in 2009 to 325,697t in 2011.
- ▶ The tonnage of household brown bin material increased significantly to 74,203t in 2011.
- ▶ The tonnage of commercial food waste increased to 14,321t in 2011.
- ▶ The processing of organic fines increased from a low base in 2009 to 31,083t in 2011.
- ▶ The amount of other waste (e.g. industrial sludges, brewing grains etc) increased slightly to 59,926t in 2011
- ▶ The tonnage of garden waste processed increased from 30,941 in 2009 to 38,519t in 2011.
- ▶ The tonnage of sewage sludge processed decreased from 35,597 in 2009 to 32,659t in 2011.
- ▶ The tonnage of manures processed increased from 65,943t in 2009 to 74,987t in 2011.

**Chart of Tonnes Processed by Composting and Anaerobic Digestion Facilities in 2009, 2010 & 2011**



<sup>1</sup> There are some facilities which did not respond to the survey. This has resulted in some limitations of the data. The table below outlines the number of facilities absent.

Years	Household Brown Bin	Commercial Food Waste	Garden Waste	Sewage Sludge	Organic Fines	Other Waste	Manures
2011			3	1	1	1	4
2010	1		1	1		1	4
2009	1		2	1		1	4

The survey excluded anaerobic digestion plants at waste water treatment plants.

One facility had 1,574 tonnes which it could determine how much was commercial food waste and household brown bin. The data was used only for household brown bin data.

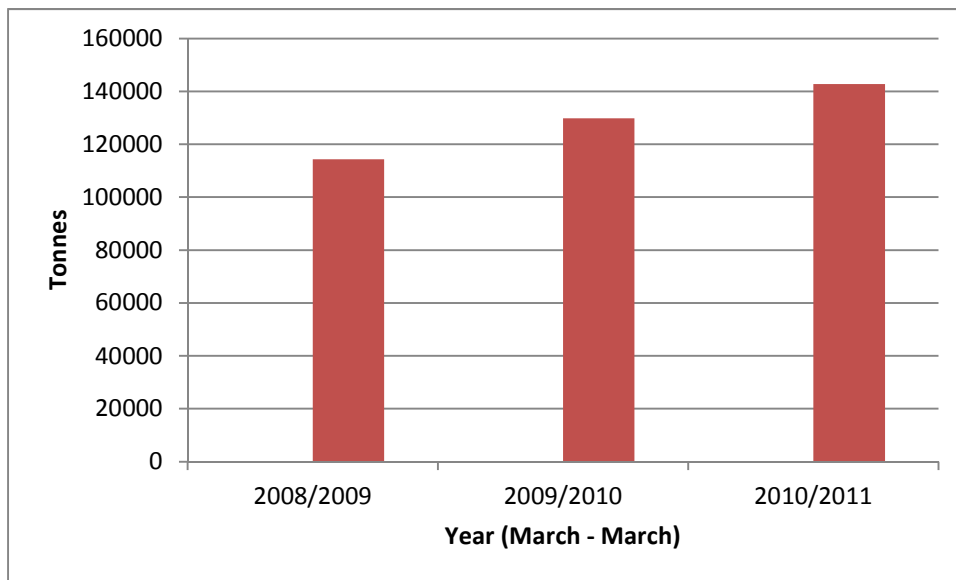
## Northern Ireland

The statistics for municipal waste (combined garden waste and food waste) composted in five composting sites were obtained from the NIEA waste data flow. They are outlined in the diagram below. There are some limitations with the data<sup>2</sup>.

The survey identified the following trend:

- ▶ The tonnage of waste processed increased by 25% from 114,258 in 2009 to 142,744t in 2011.

**Tonnes of Garden Waste and Food Waste Composted in Northern Ireland**



<sup>2</sup> Data from was not obtained for an AD plant and a compost site which composts non-municipal waste.