

Trends in Household Waste Management



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The Irish Waste
Management Conference
Carton House, 26 Nov 2015

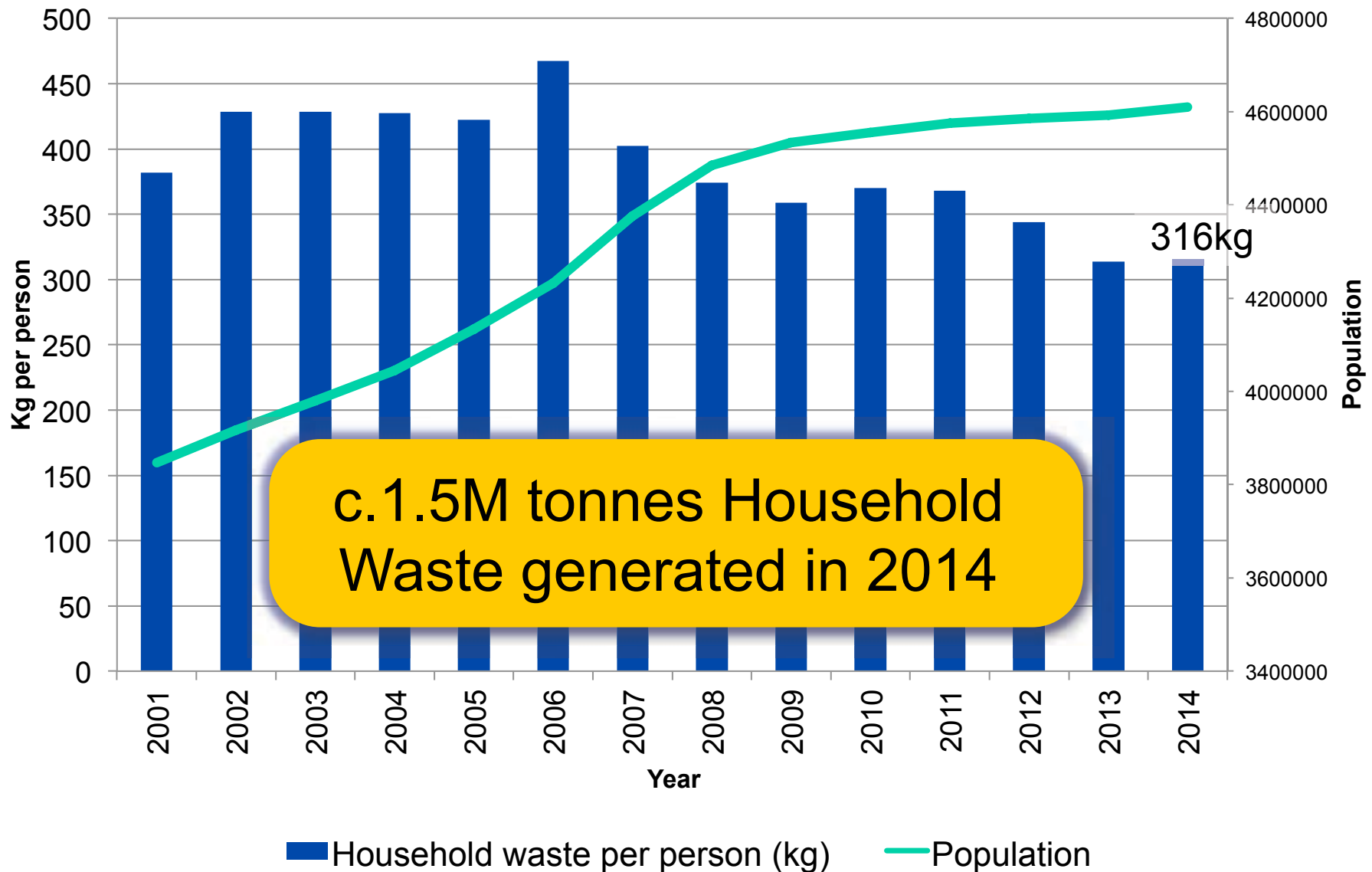
Household waste



Definition: Waste produced within the curtilage of a building/residence, or a self-contained part of a building/premises, used for the purposes of living accommodation.

The amount of Household Waste generated is an indicator of the sustainability of our personal consumption patterns.

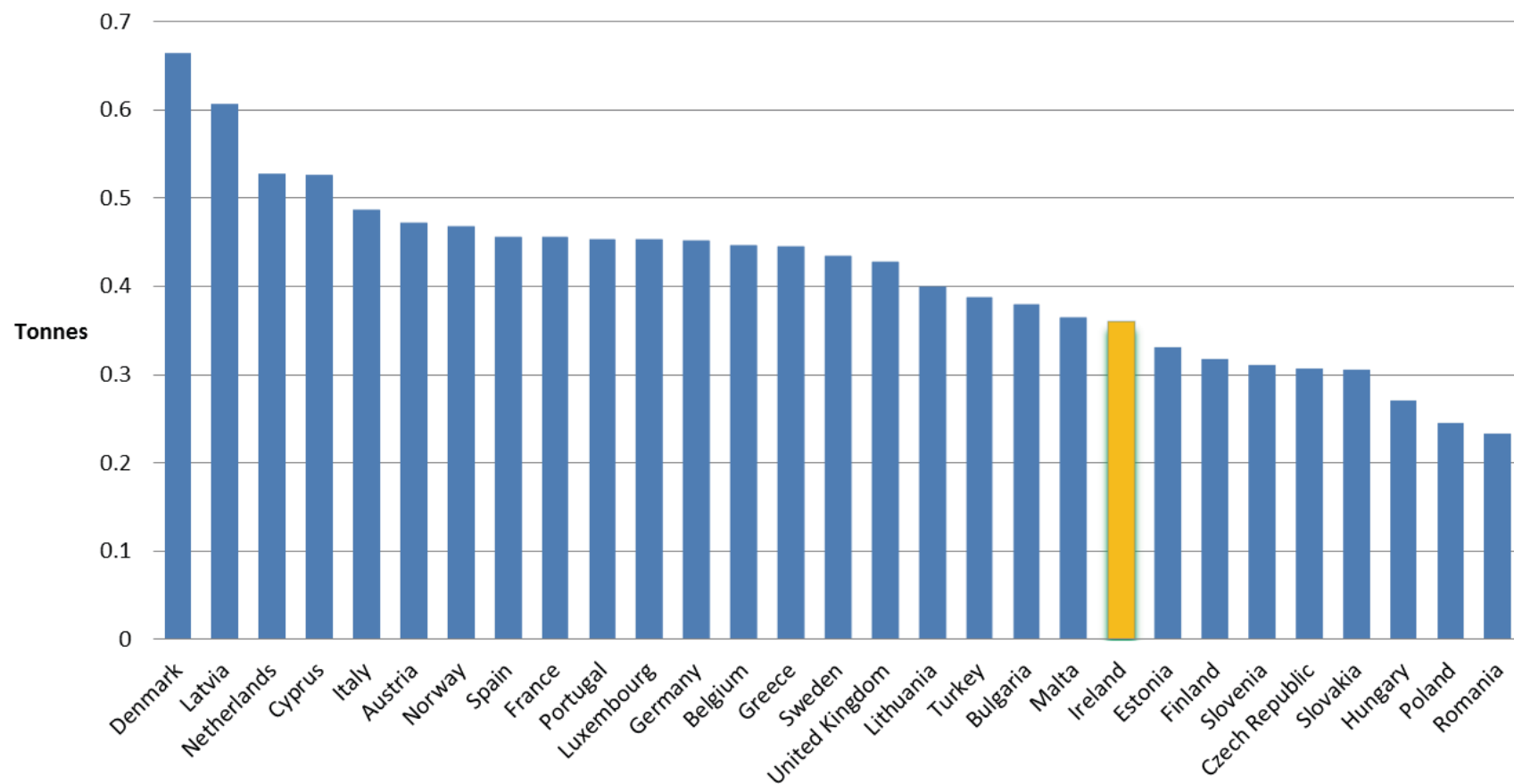
IE - Household Waste Generated per person (Kg)



Household waste: international comparison



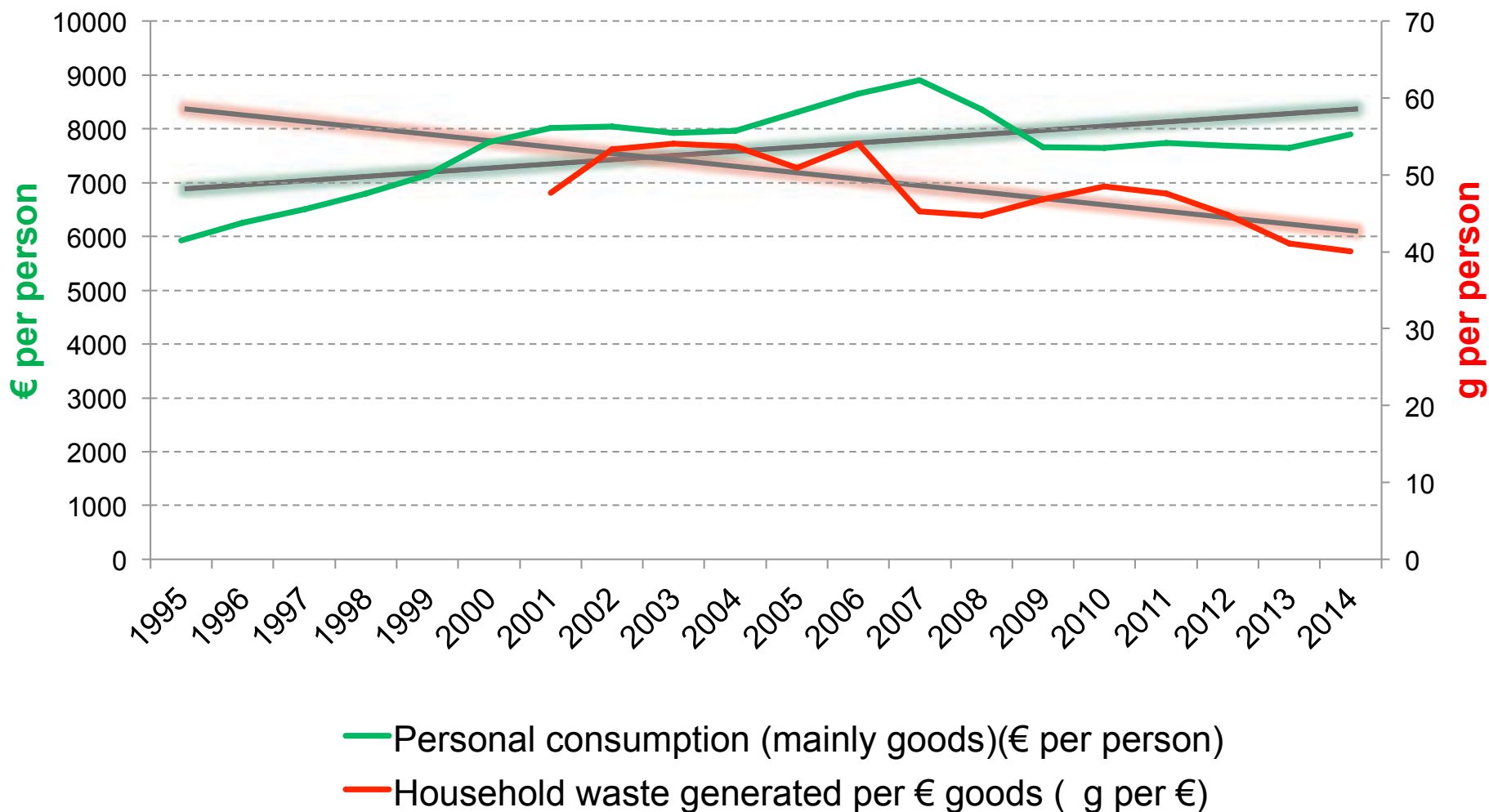
Waste generated per head of population in 2012



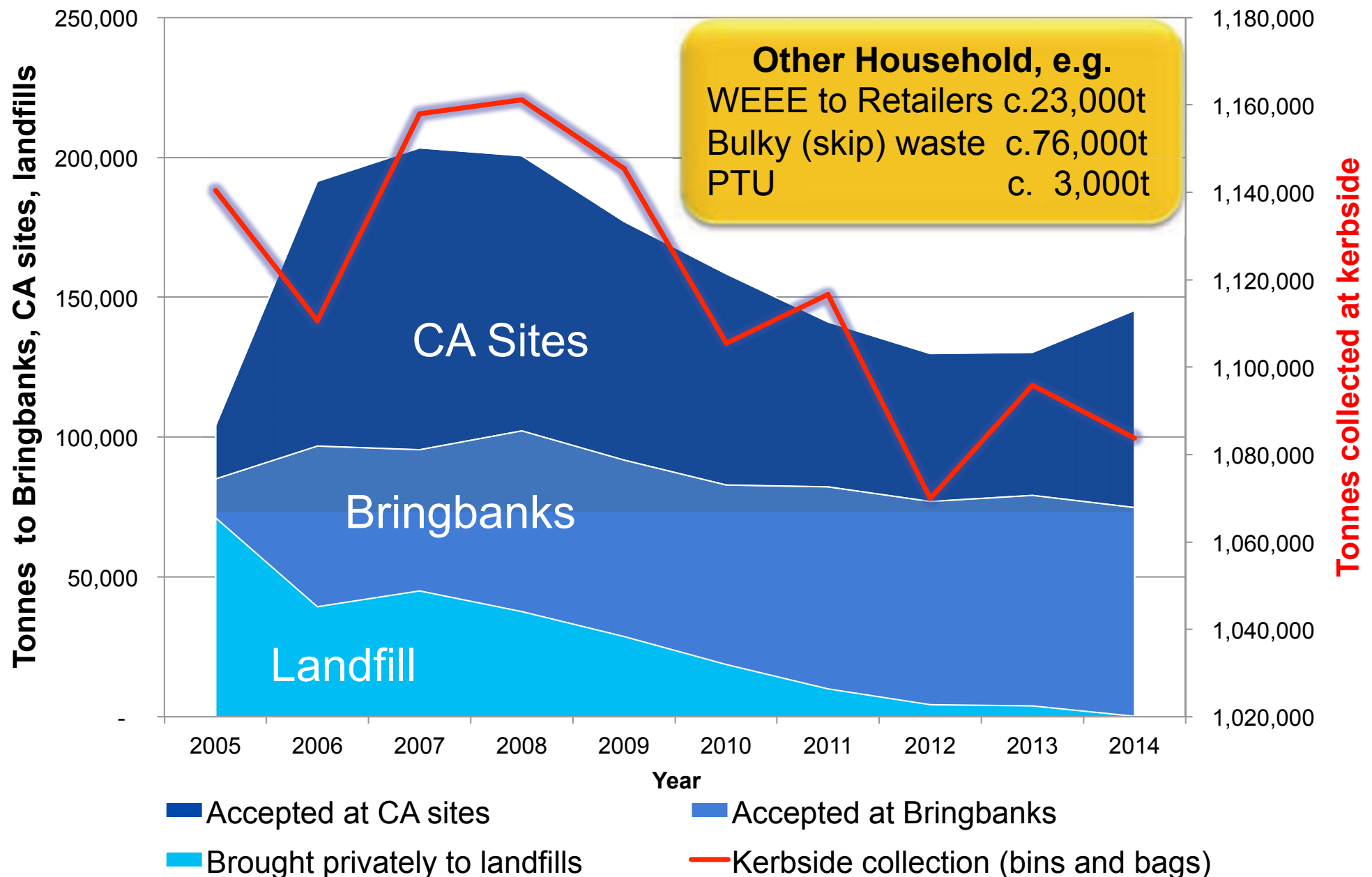
Household Wastefulness as a function of Consumption (Waste Intensity)



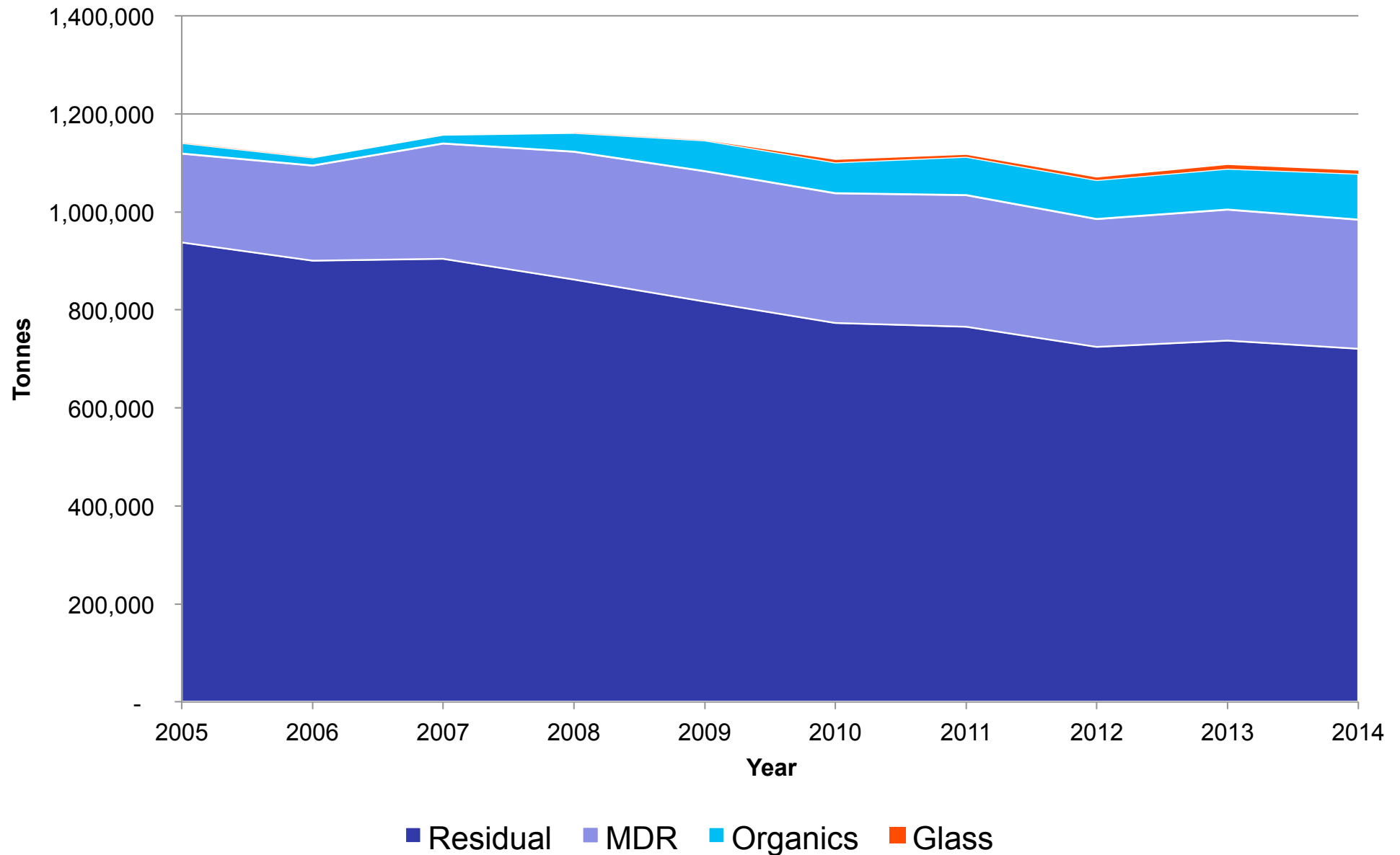
Mainly goods element of personal consumption (€ per person)
and Household waste generated (gram per person per € spent on goods)



Household waste collected at kerbside and brought by householders to bring banks, CA sites, landfills



Breakdown of Kerbside collection (bins & bags)

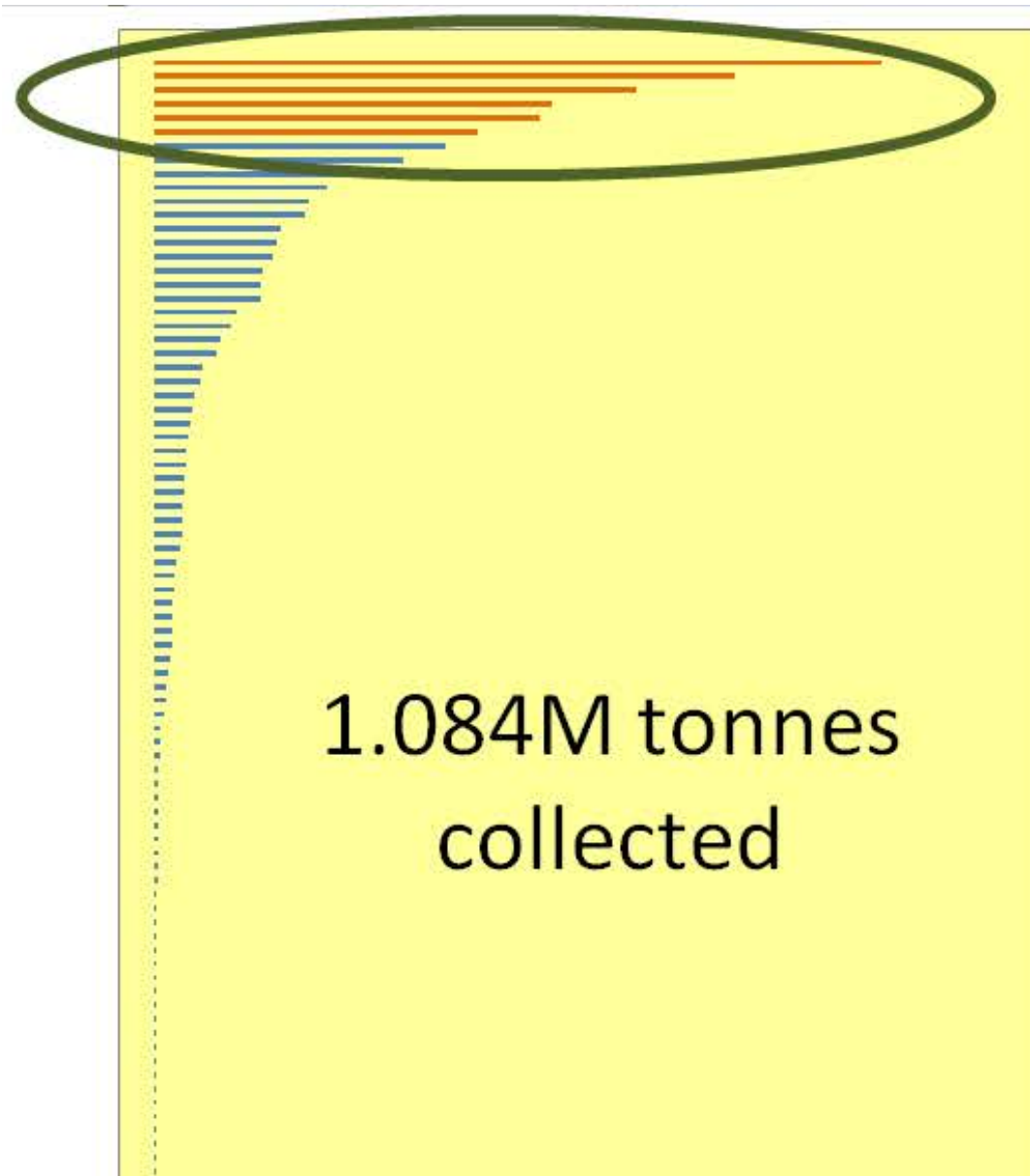


Kerbside collectors

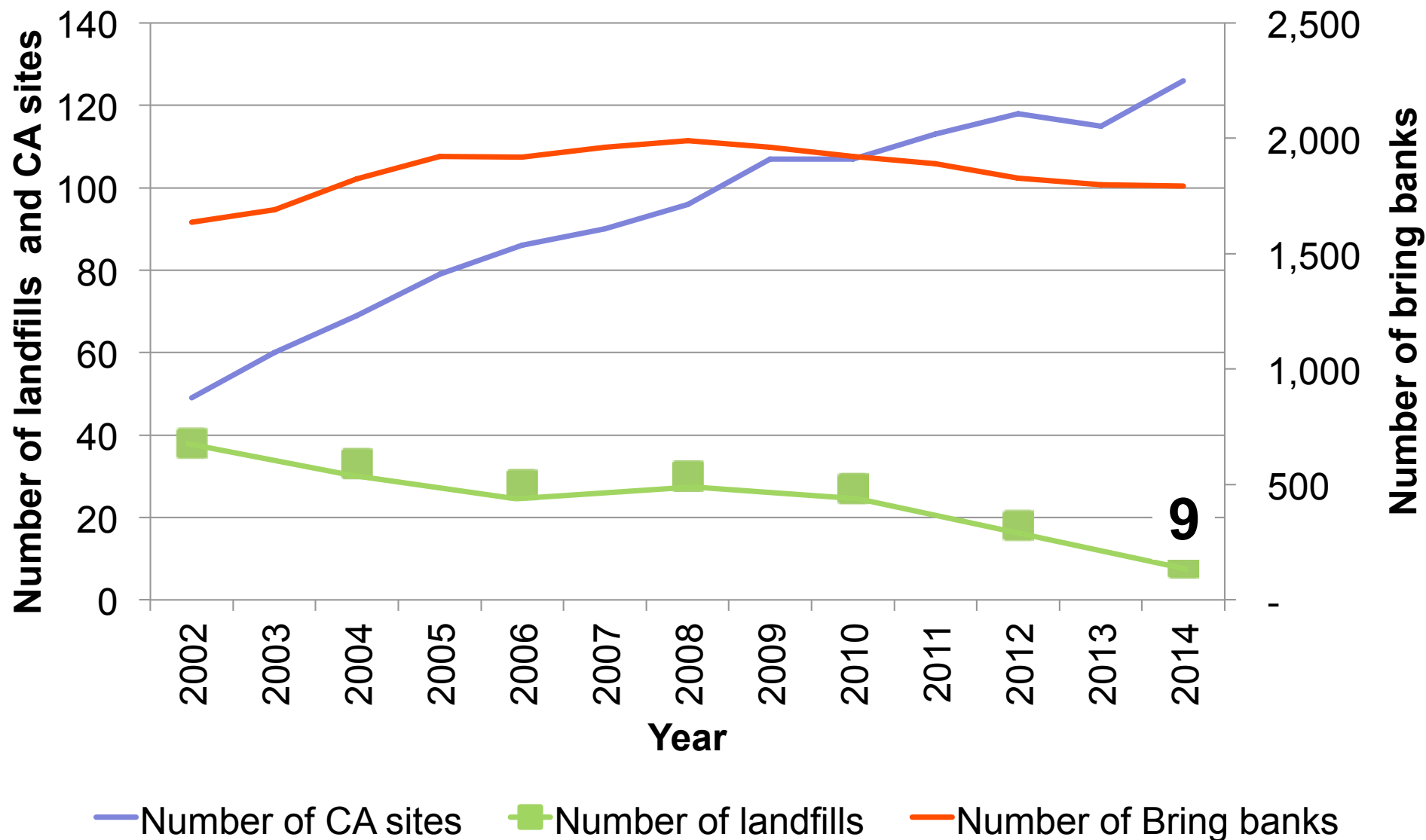


c.86 operators collected household waste from kerbside in 2014.

~ 50% of the household waste collected at kerbside was collected by the **top six** operators.

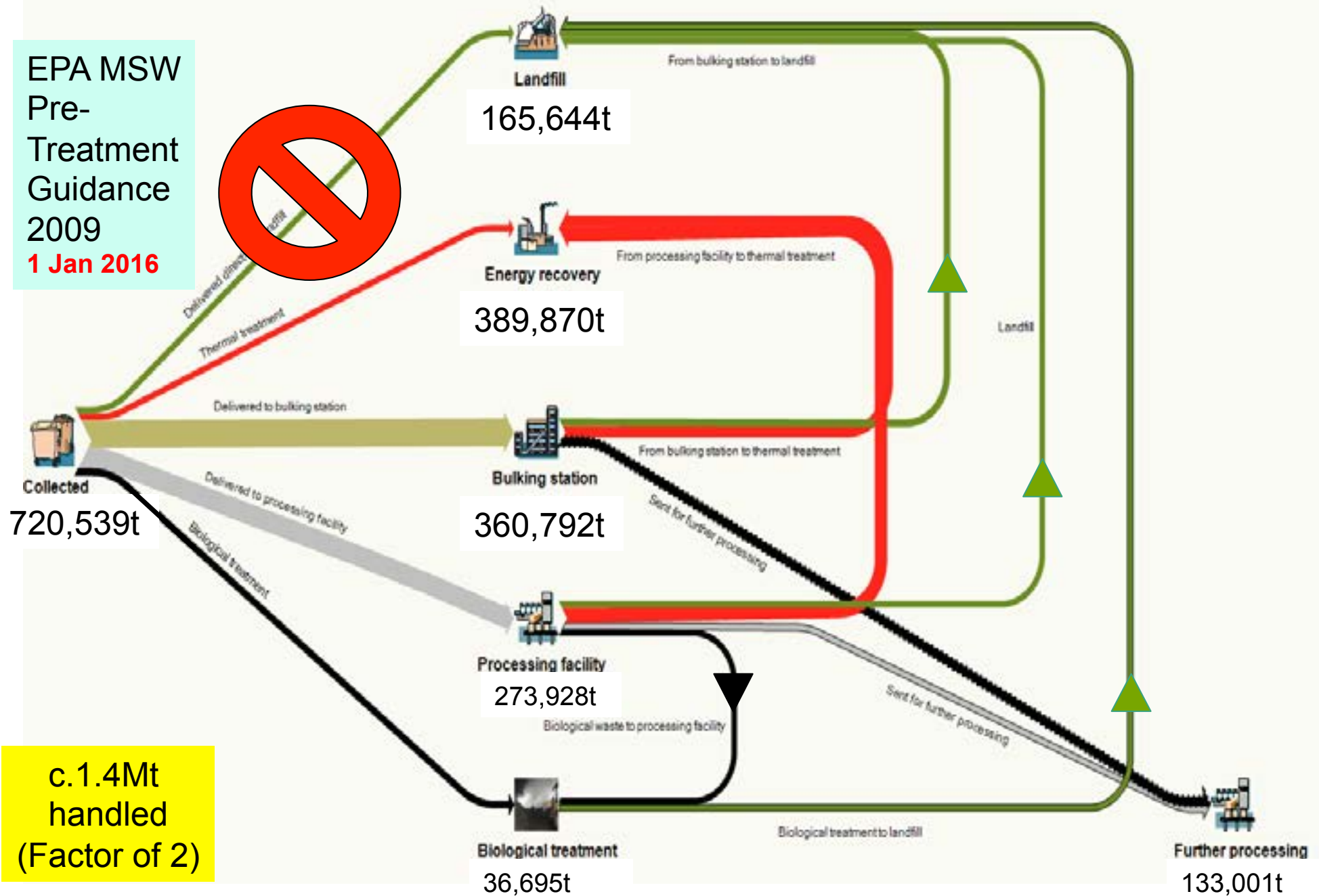


Collection infrastructure



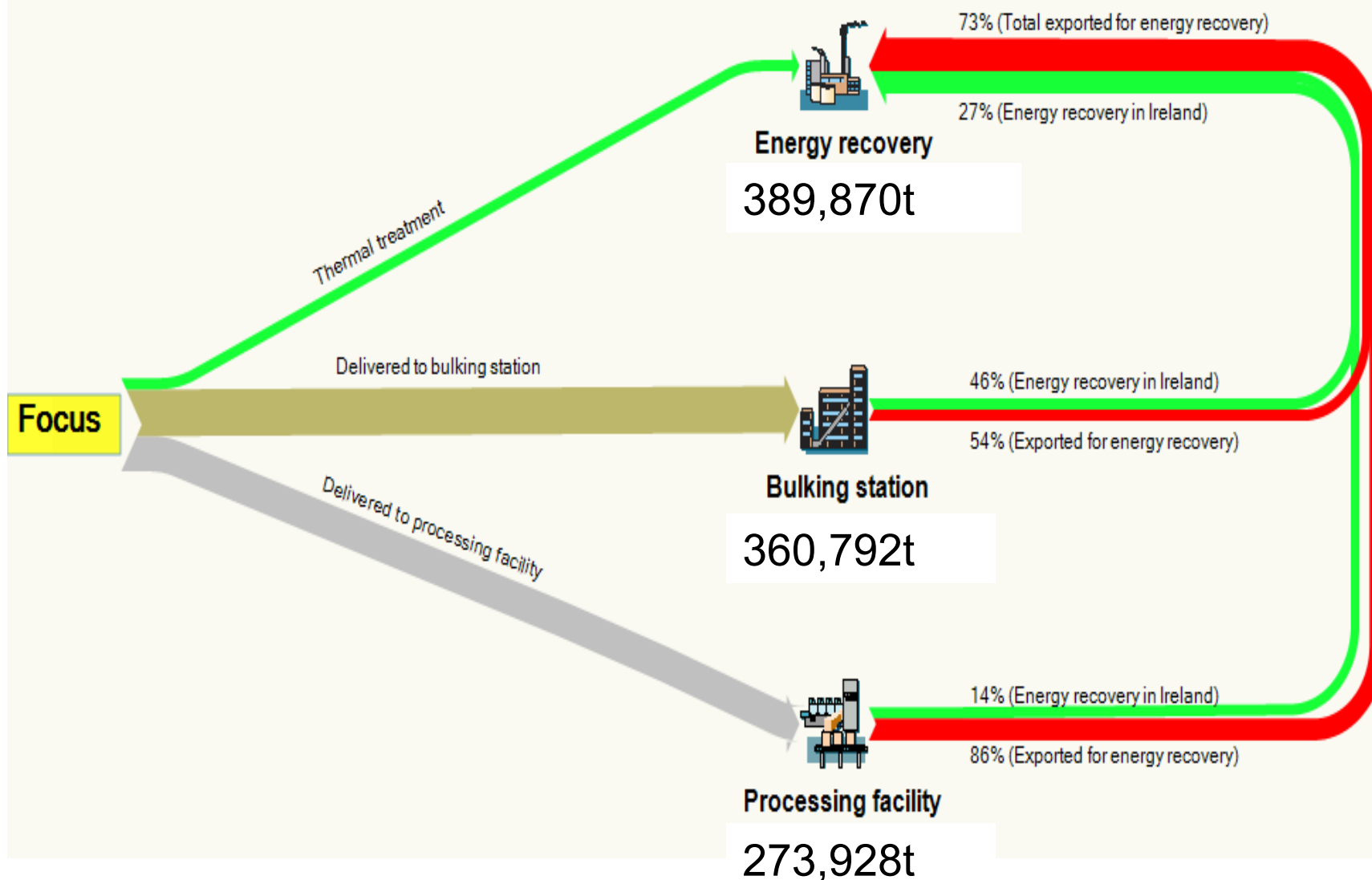
National household kerbside residual waste treatment (2014 data)

EPA MSW
Pre-
Treatment
Guidance
2009
1 Jan 2016

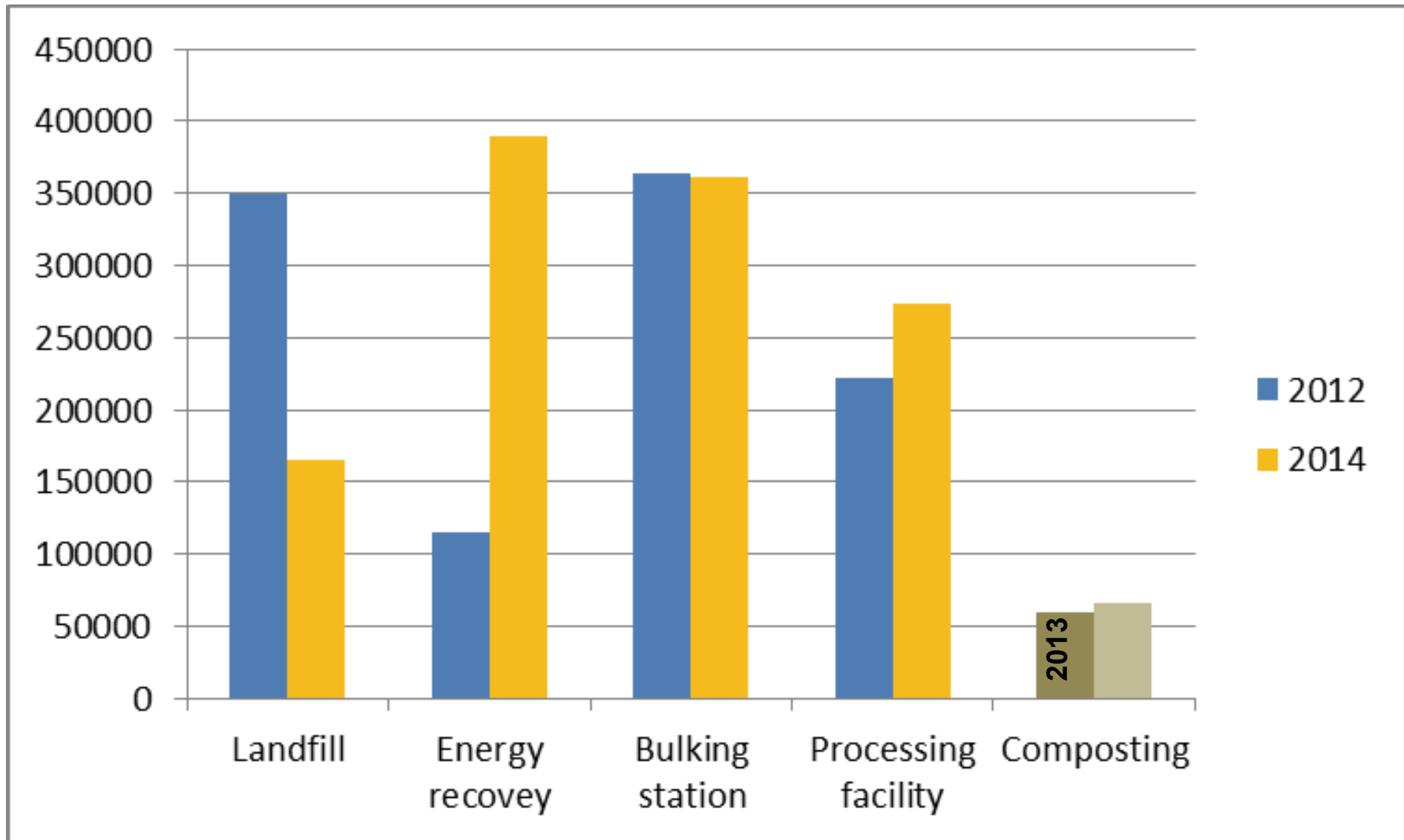


c.1.4Mt
handled
(Factor of 2)

National household kerbside residual waste treatment (2014 data)



Residual Household - comparison between 2012 & 2014



Evolving Context



- QNHS – CSO Quarterly National Household Survey
- Cessation of direct household residual to landfill January 2016
- Mandatory three bin service
- Pay by weight
- Household waste characterisation
- Household Hazardous Waste
- Waste Prevention Targets in RWMPs
- Sustainable Development Goals

Goal 12.5: By 2030, **substantially** reduce waste generation through prevention, reduction, recycling and reuse

<https://sustainabledevelopment.un.org>

Thank You



Find out more at ...

- Waste Statistics & Classification

<http://www.epa.ie/waste/municipal/>

- Anything to do with Waste (hazardous, prevention, licensing, etc..)

<http://www.epa.ie/waste/>

- Waste Enforcement

<http://www.epa.ie/enforcement/>

- Waste Publications

<http://www.epa.ie/pubs/reports/waste/>