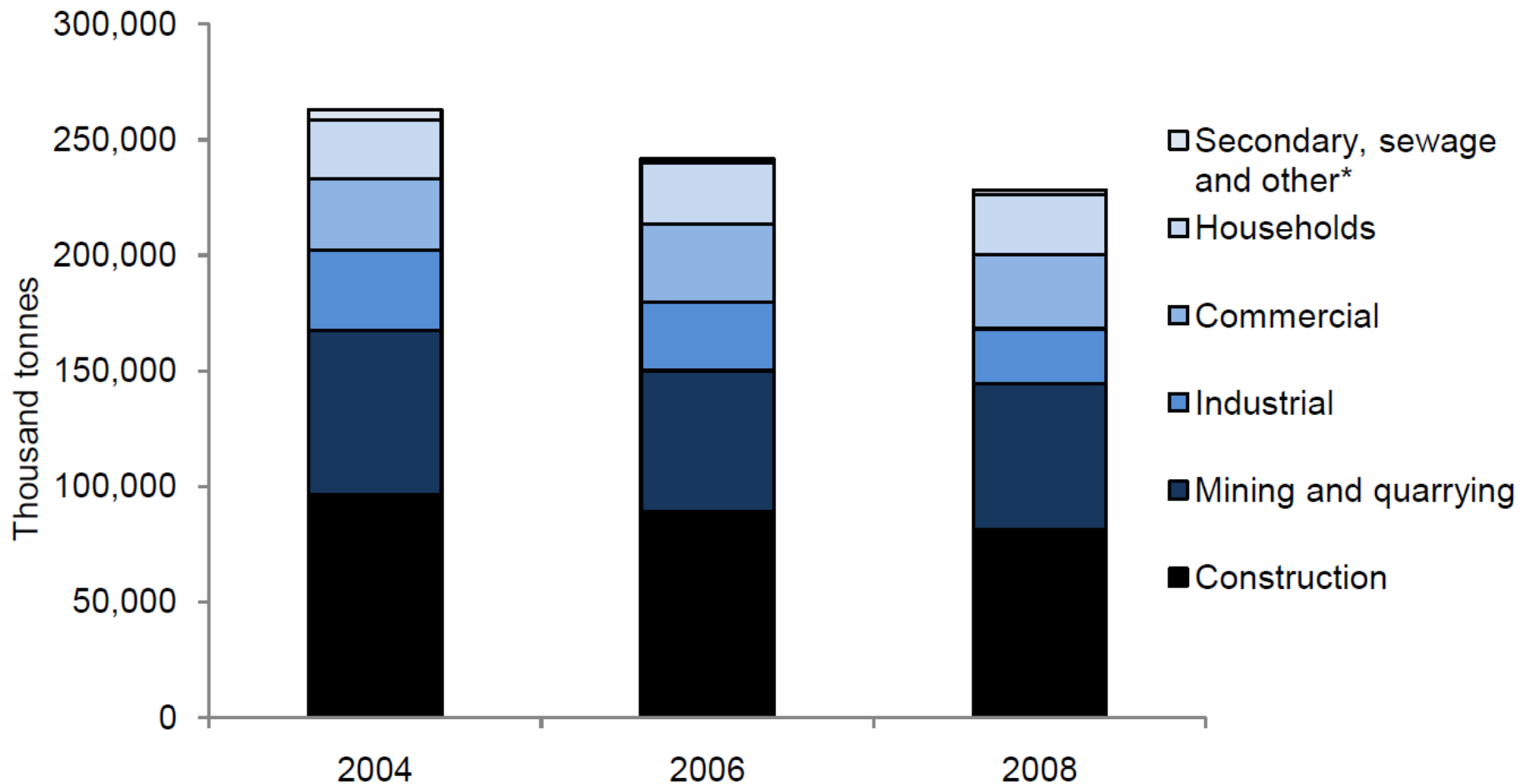


**Maidstone Borough Council:  
Communities Overview & Scrutiny Committee  
09 August 2011**

**Paul Vanston,  
Kent Waste Partnership Manager**

# EU, UK and Kent Overview

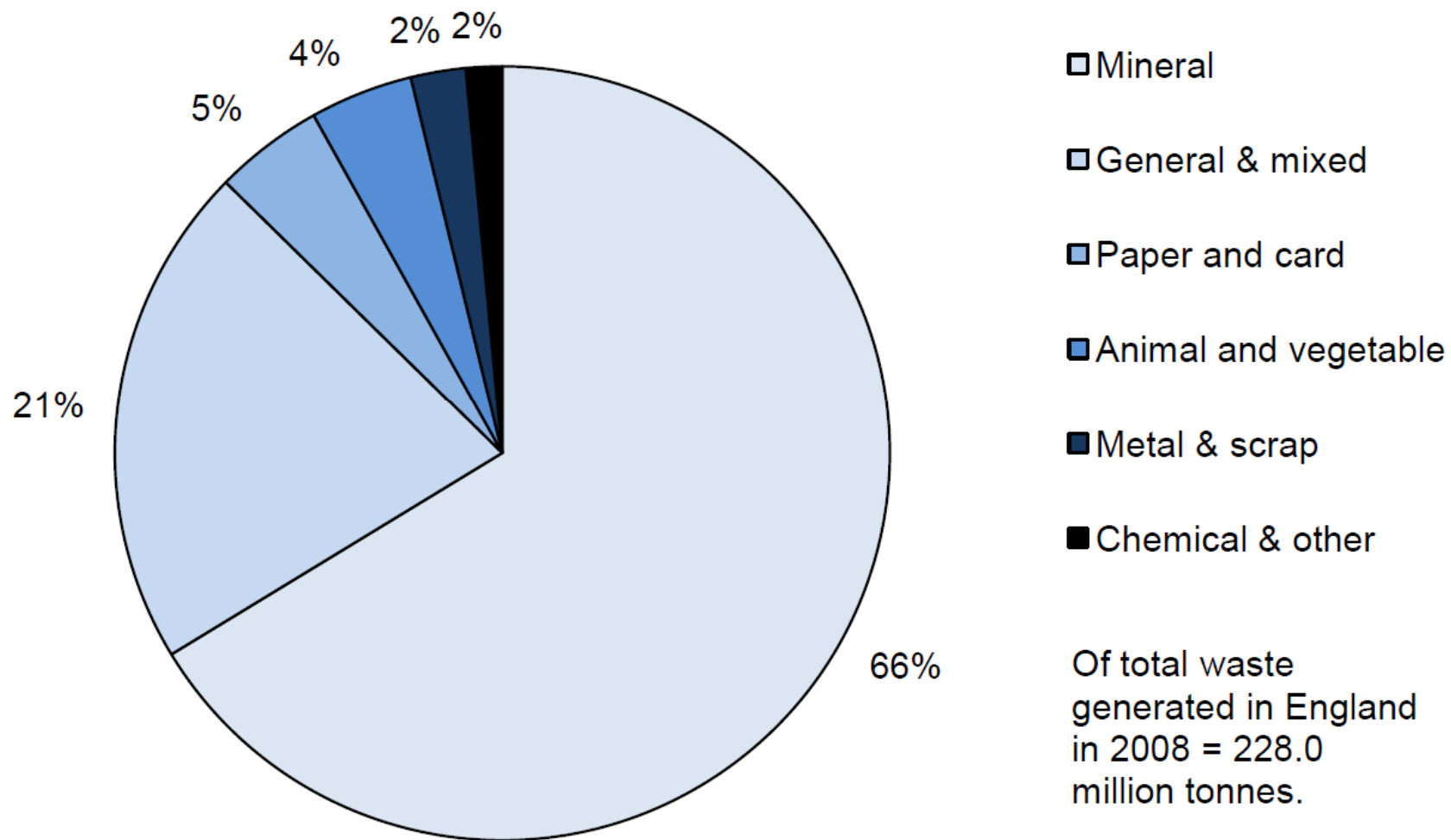
Figure 3 Total waste generation in England, by sector, 2004 to 2008



\* 'Other' includes healthcare wastes, batteries & accumulators, dredging spoils and solidified/stabilised/vitrified wastes.

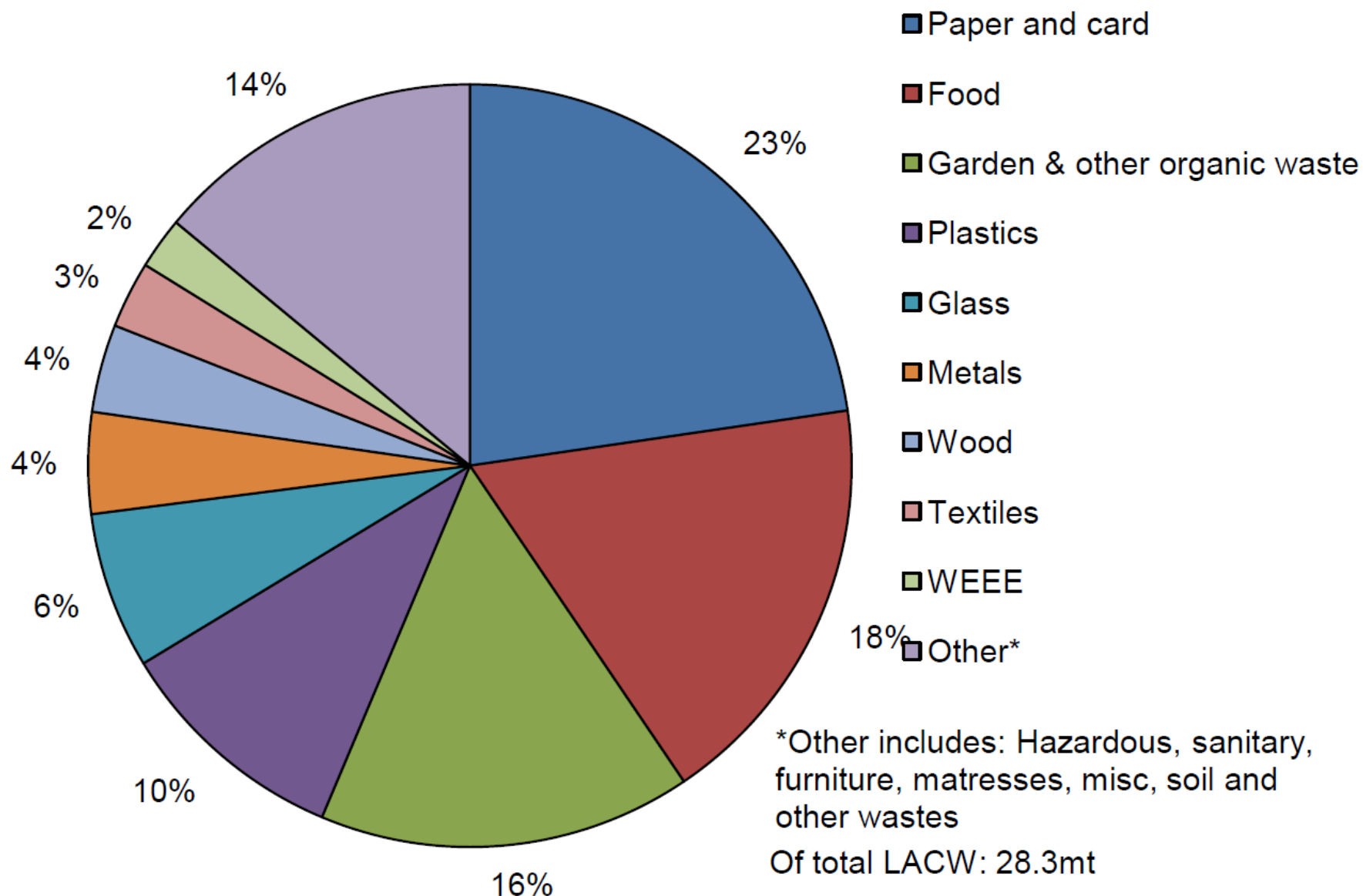
Source: Defra – Waste Statistics Regulation return to Eurostat, 2004 to 2008

Figure 4 Total waste generation in England, by waste type, 2008



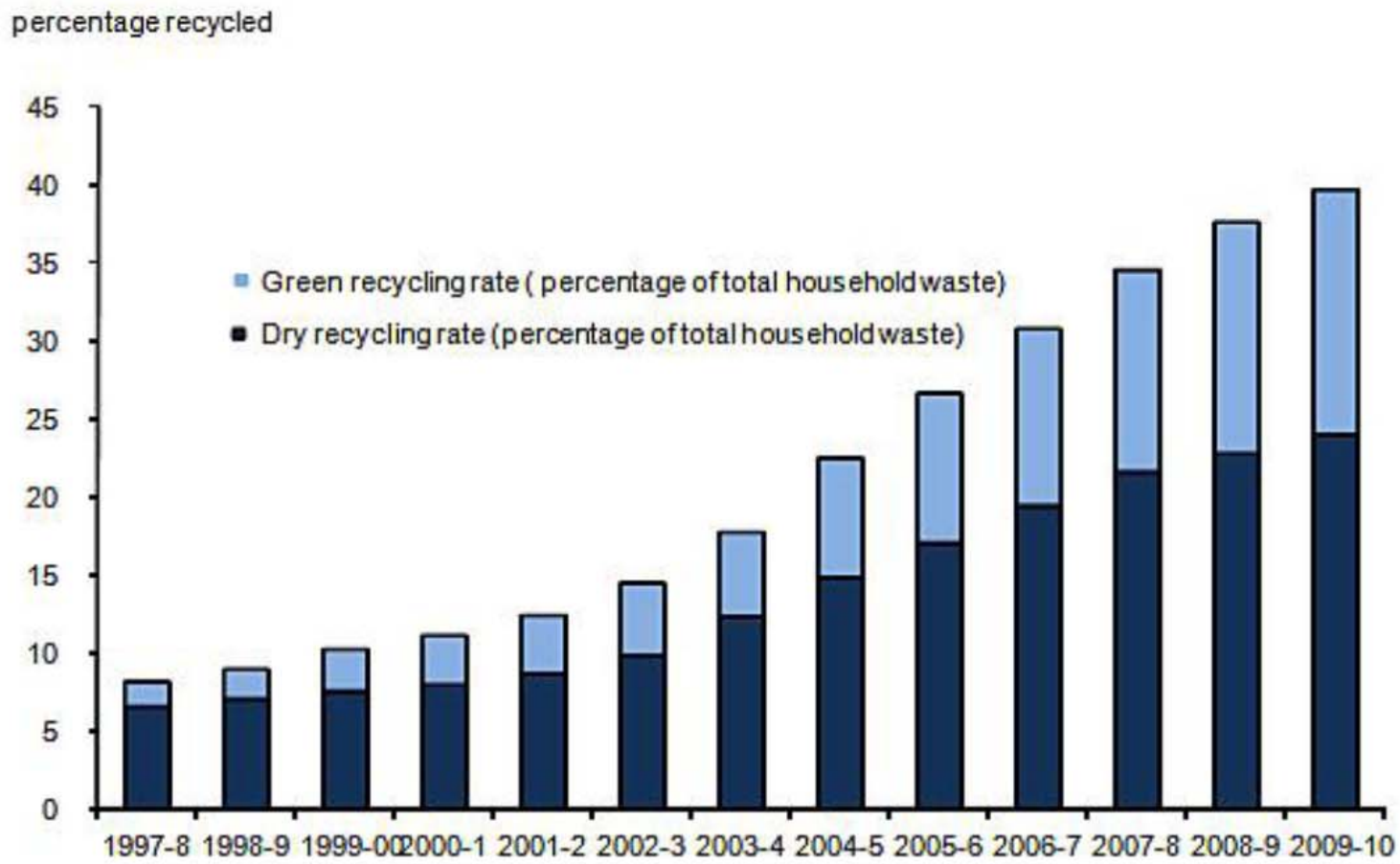
Source: Defra – Waste Statistics Regulation return to Eurostat, 2008

Figure 10 LACW composition, England 2006/07



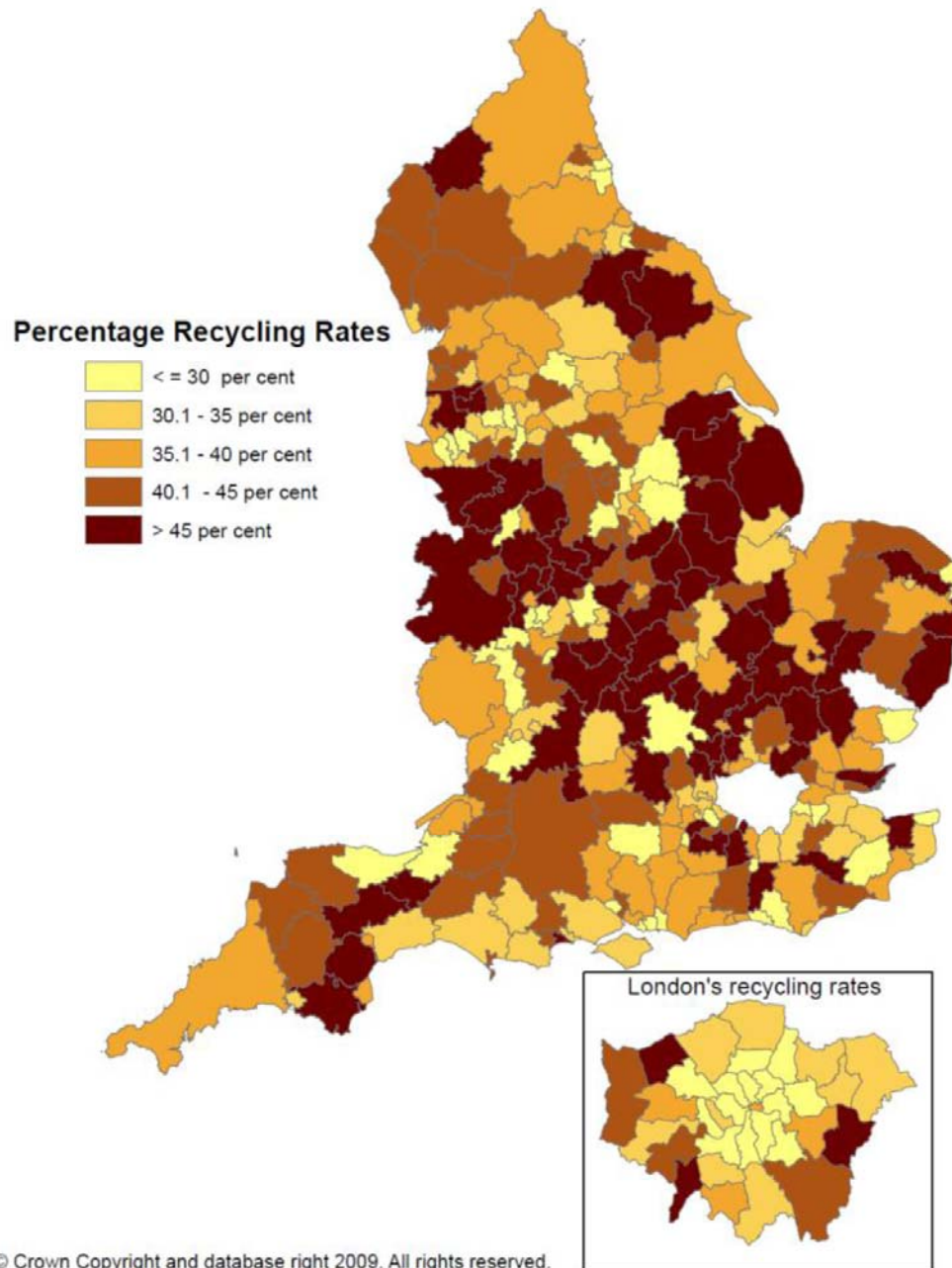
Source: Defra - Municipal Waste Composition: A Review of Municipal Waste Component Analyses 2009

Figure 12 Green and dry recycling rates of household waste, England 1997/98 to 2009/10

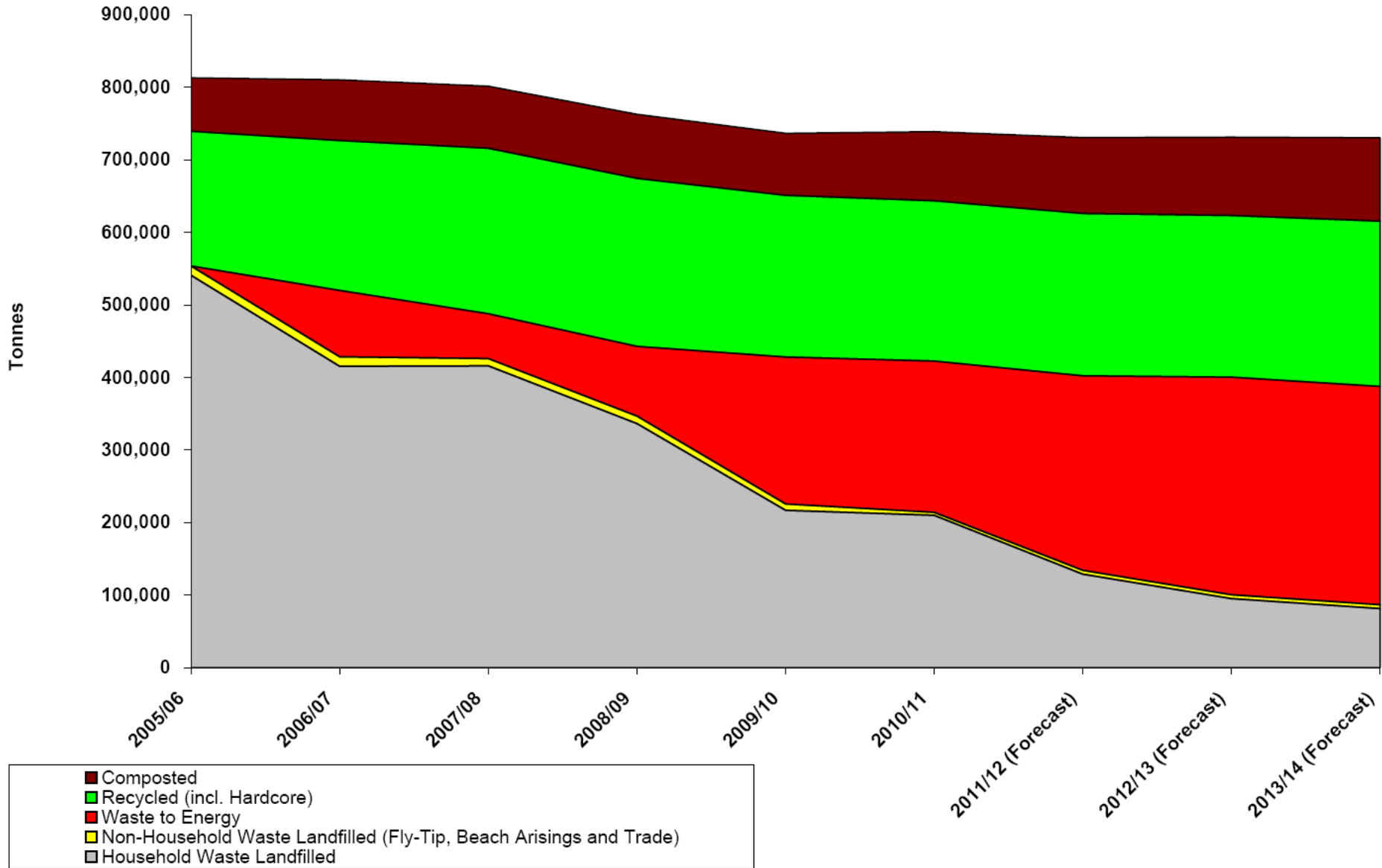


Source: Defra, WasteDataFlow

Figure 13 Local authority recycling rates, England, 2009

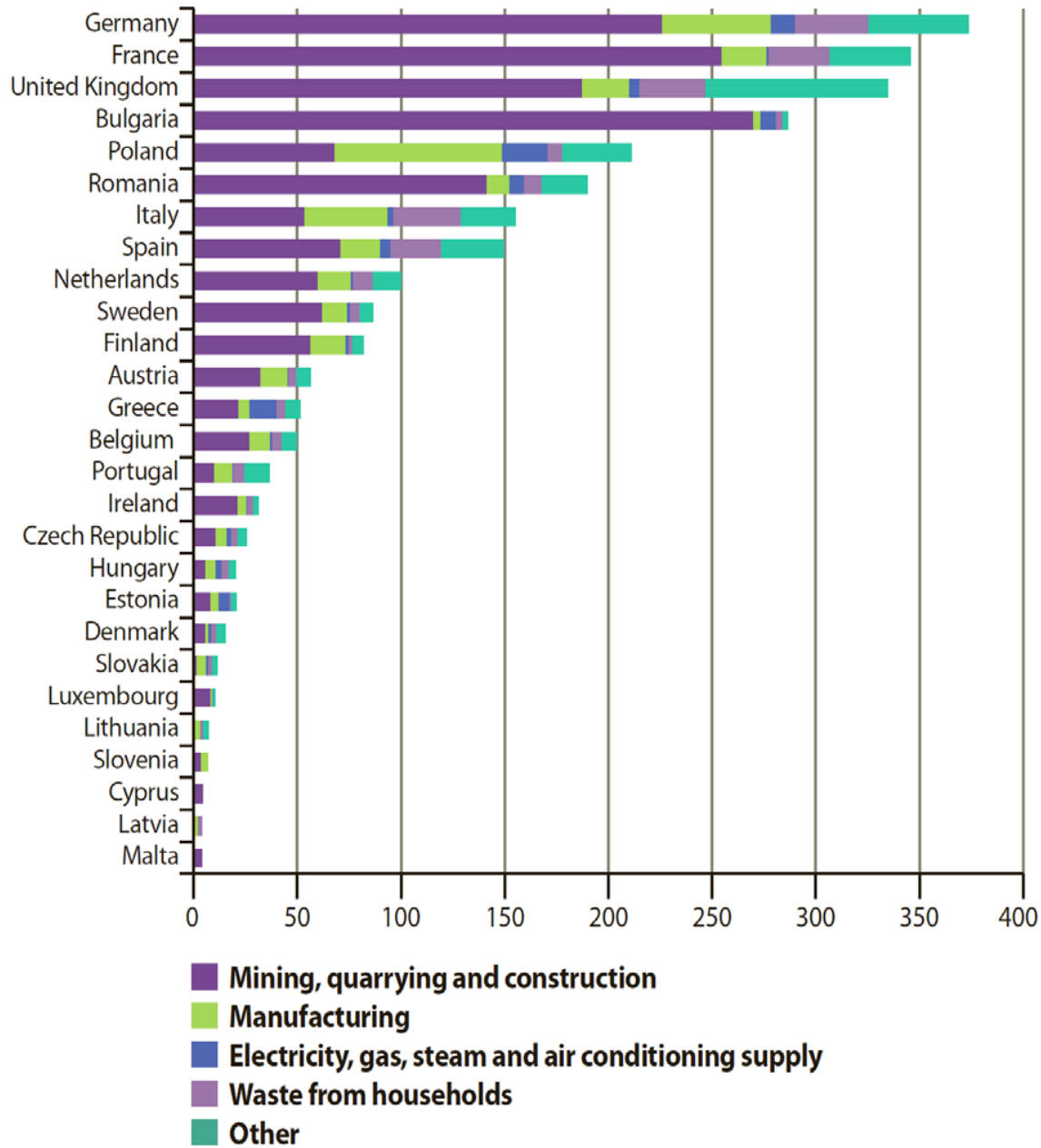


# Levels of Municipal Waste in Kent





# Waste generation by economic activity (2008)



Source: Eurostat (online data code: [env\\_wastrt](#))

## Waste generated (kg per person per year)



Source: Eurostat

## Waste management

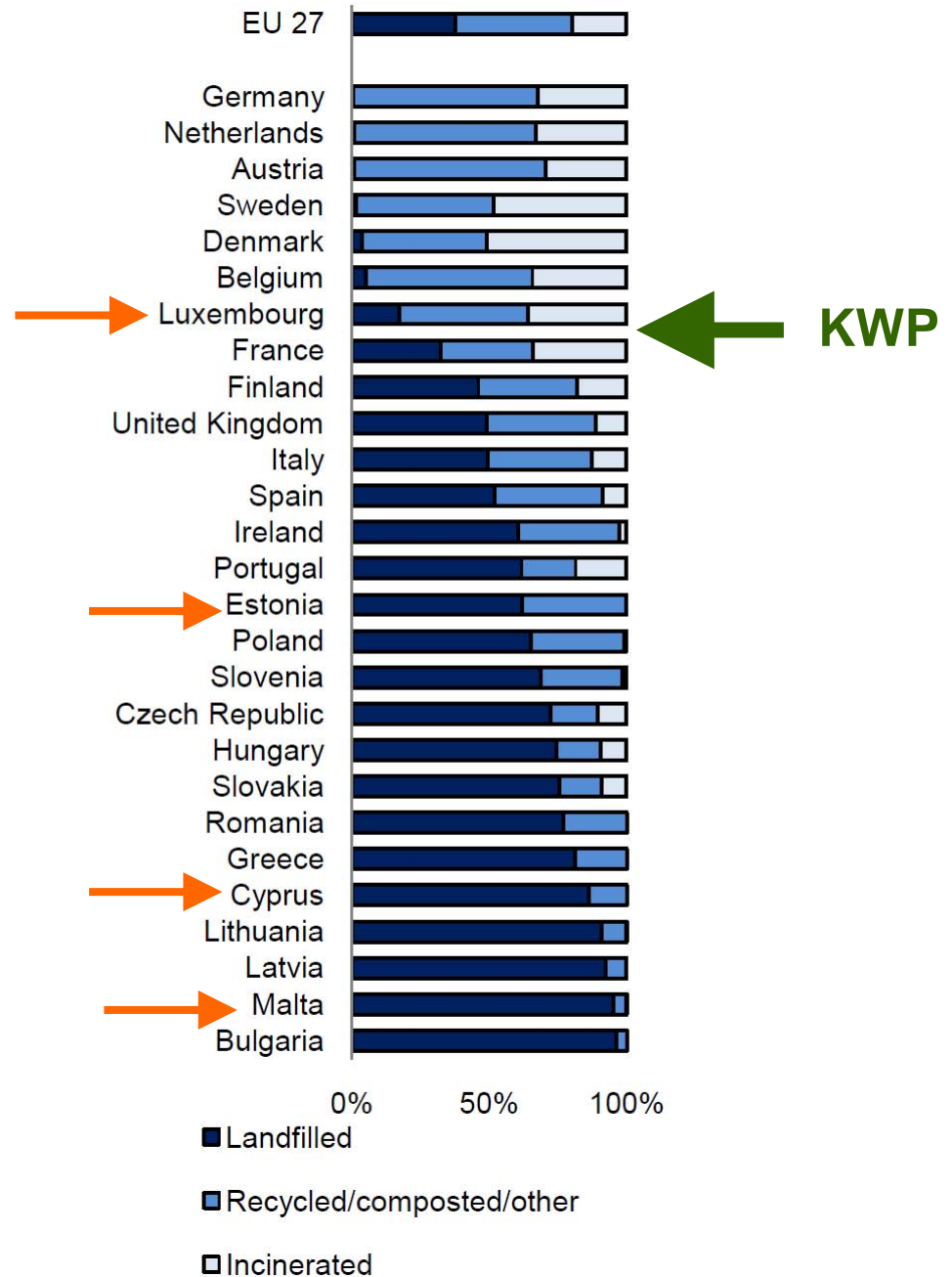
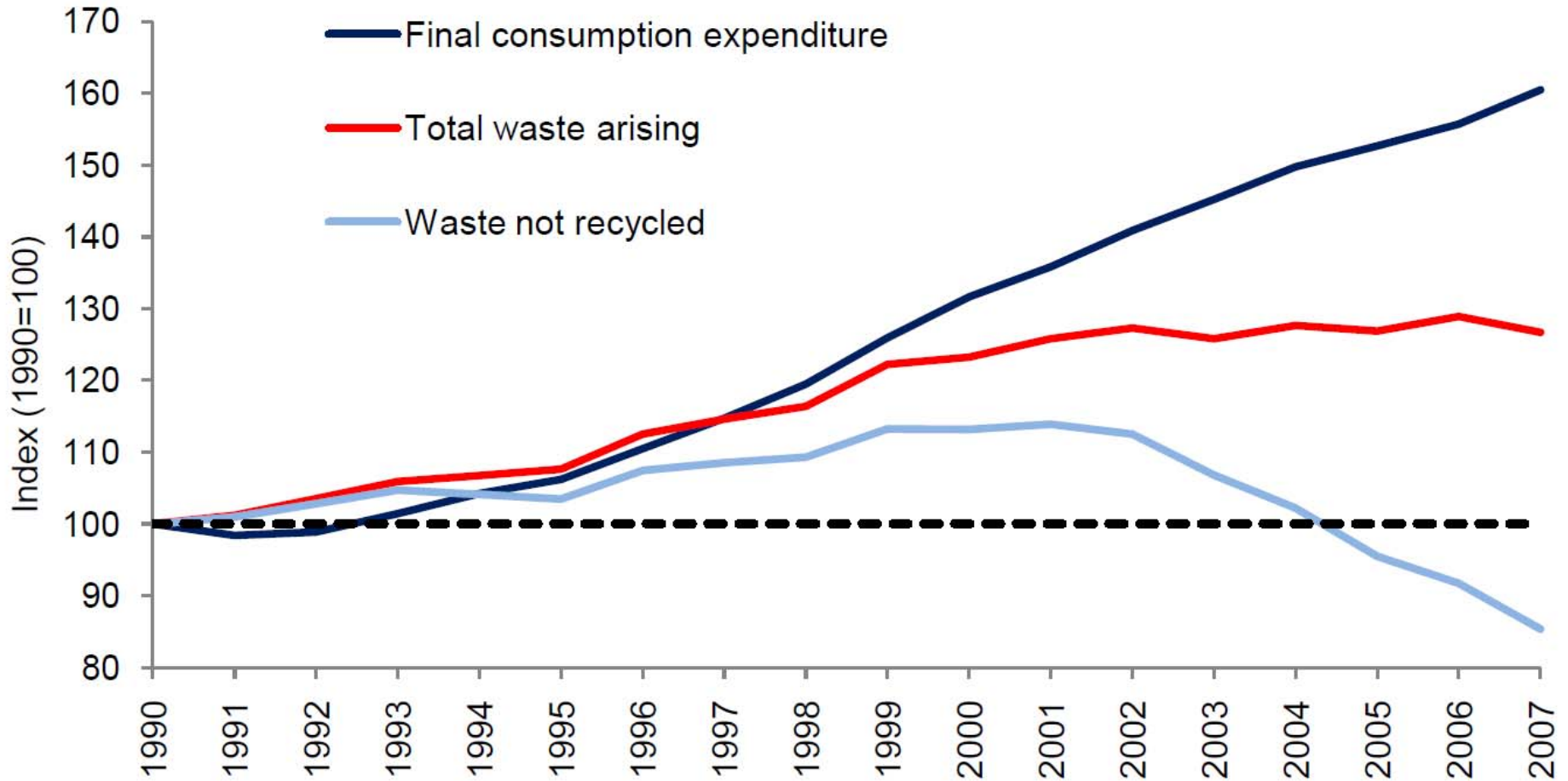


Figure 14 Household final consumption expenditure and waste arising, UK, 1990 to 2007



Source: ONS, Defra

**Waste Reduction: but reduce what?**

# Levels of Municipal Waste in Kent

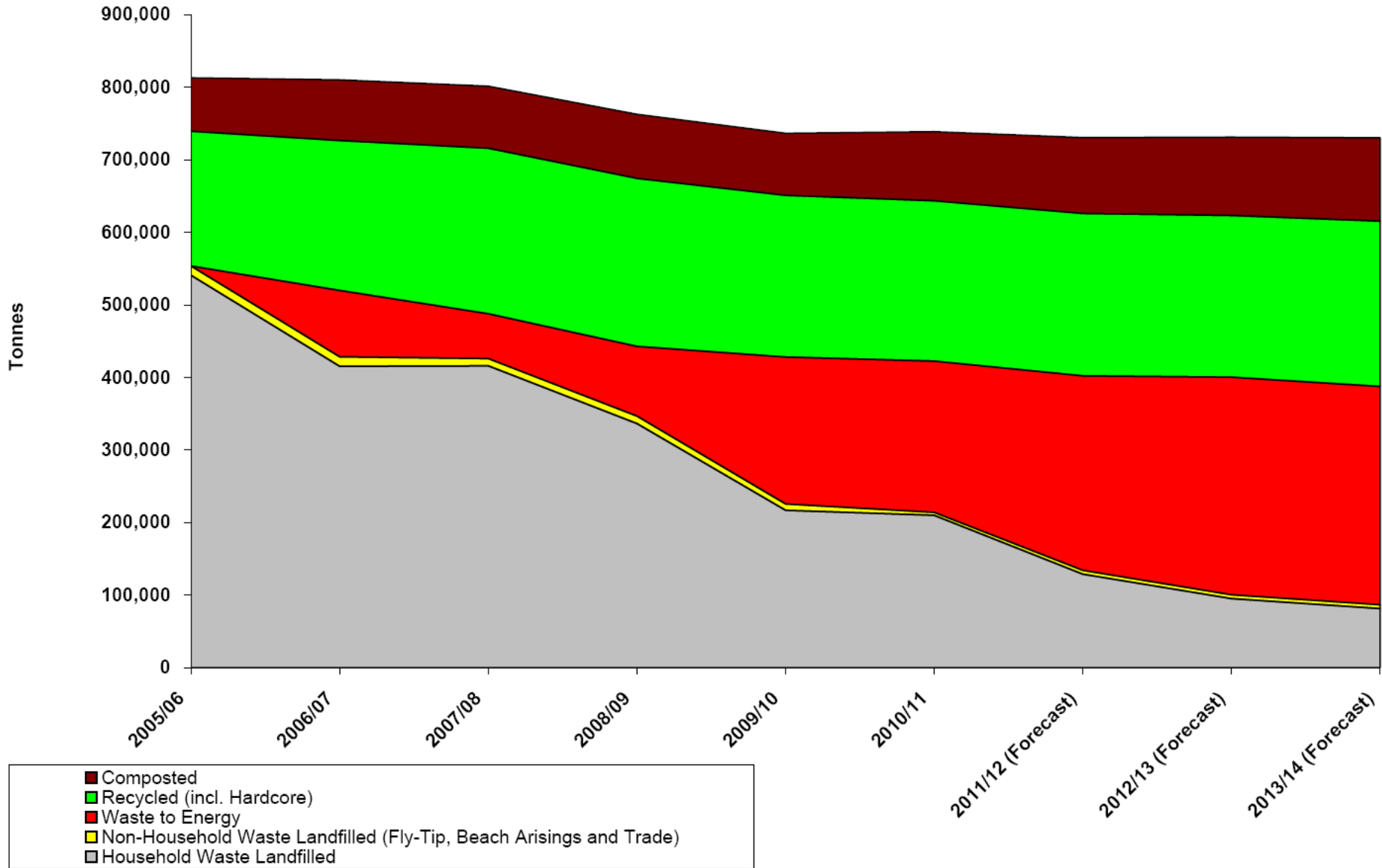
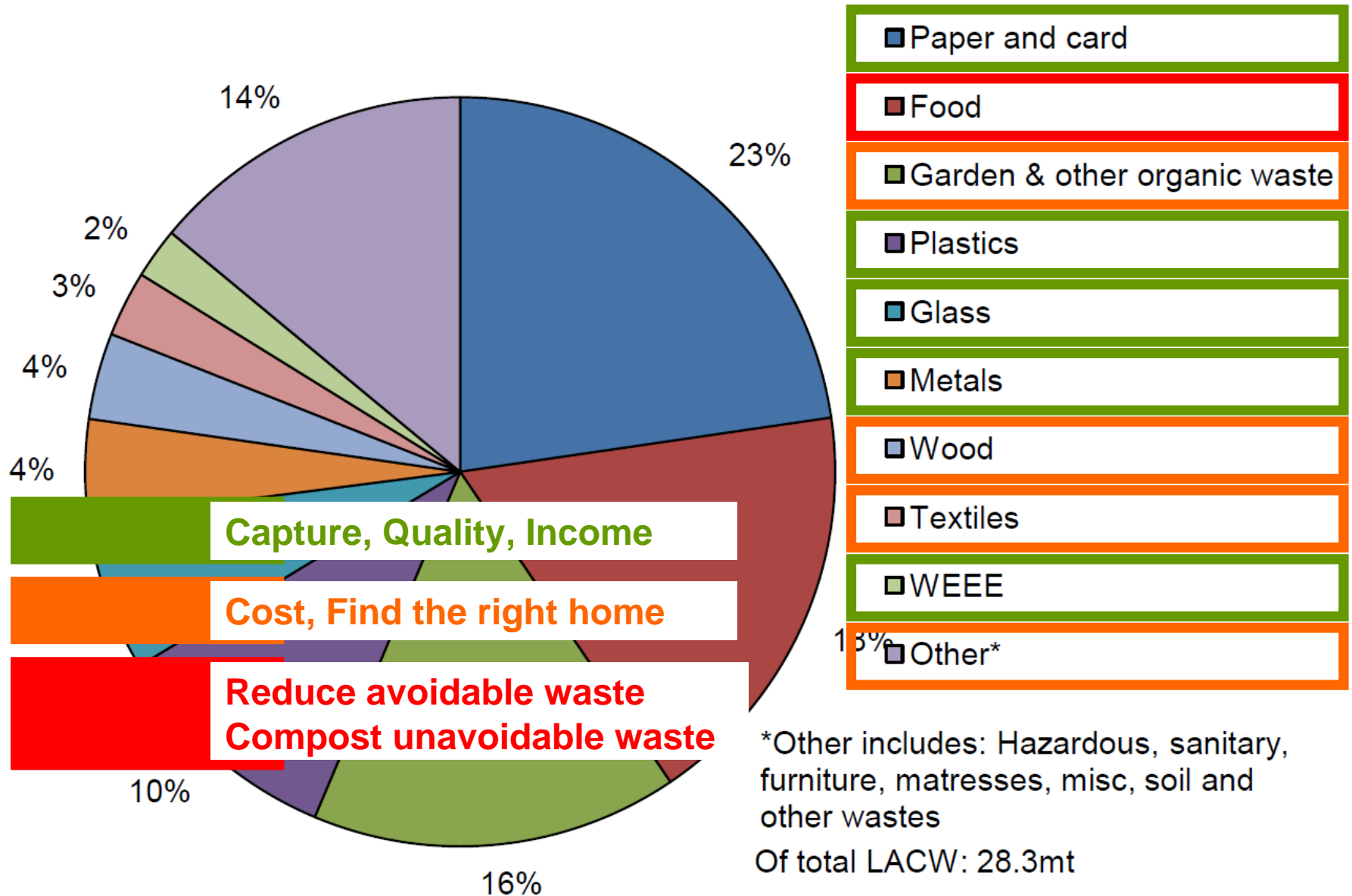
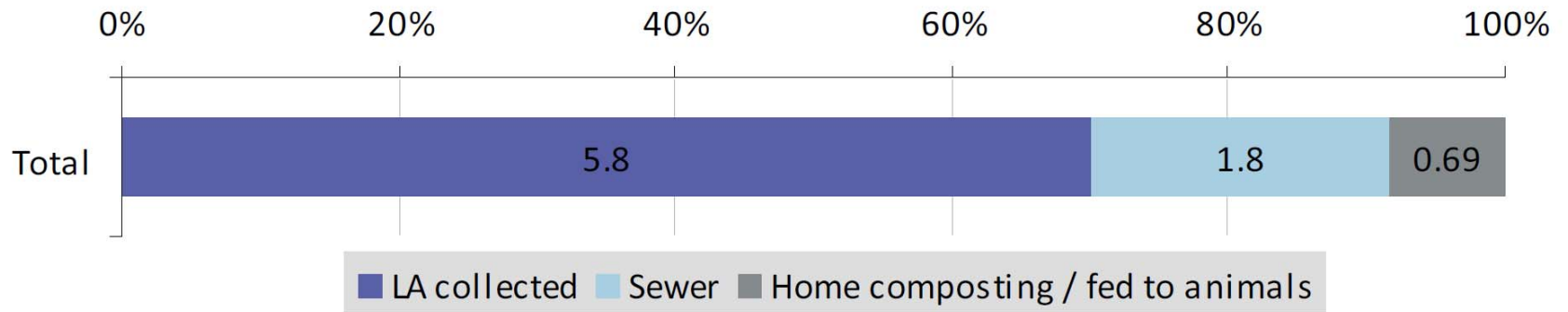


Figure 10 LACW composition, England 2006/07



Source: Defra - Municipal Waste Composition: A Review of Municipal Waste Component Analyses 2009

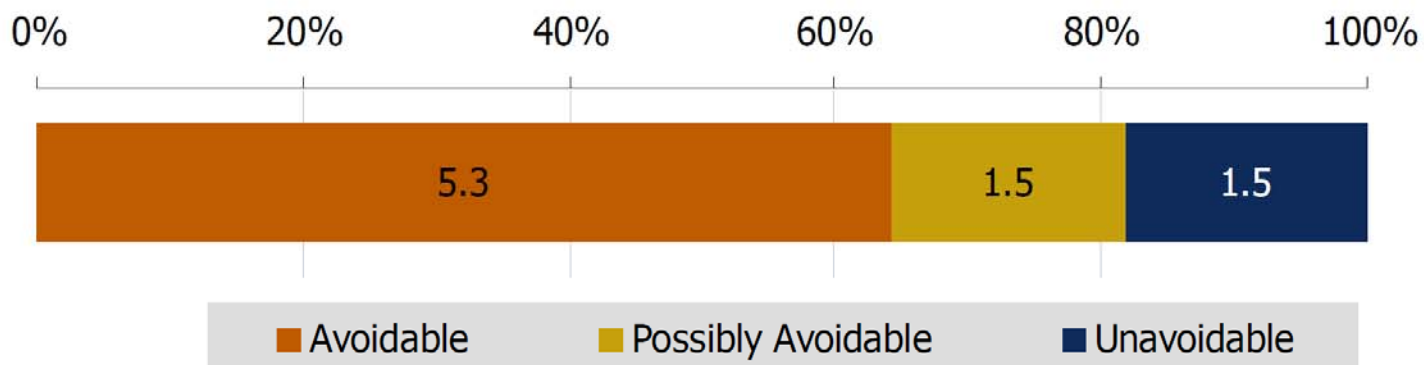
**Figure C:** Weight of food and drink waste generated in the UK, split by disposal route



*Figures within bar state waste in millions of tonnes per year*

5.3 million tonnes per year is avoidable – approximately two-thirds of the 8.3 million tonnes (Figure D). The remaining 3 million tonnes per year is split equally between unavoidable and possibly avoidable waste.

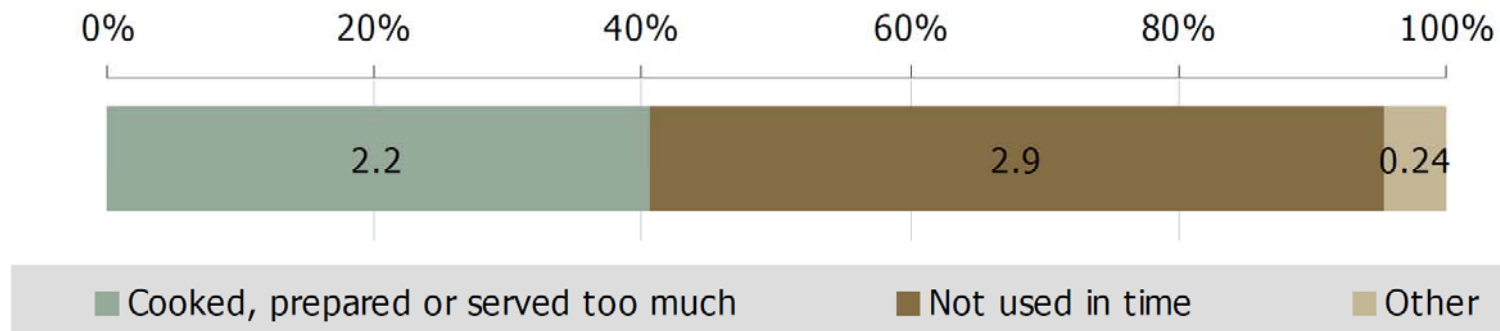
**Figure D:** Weight of food and drink waste generated in the UK, split by avoidability



*Figures within bar state waste in millions of tonnes per year*

Of the avoidable food and drink waste, 2.2 million tonnes is leftover after cooking, preparing or serving and 2.9 million tonnes is not used in time (Figure E).

**Figure E:** Weight of avoidable food and drink waste generated in the UK, split by reason for disposal

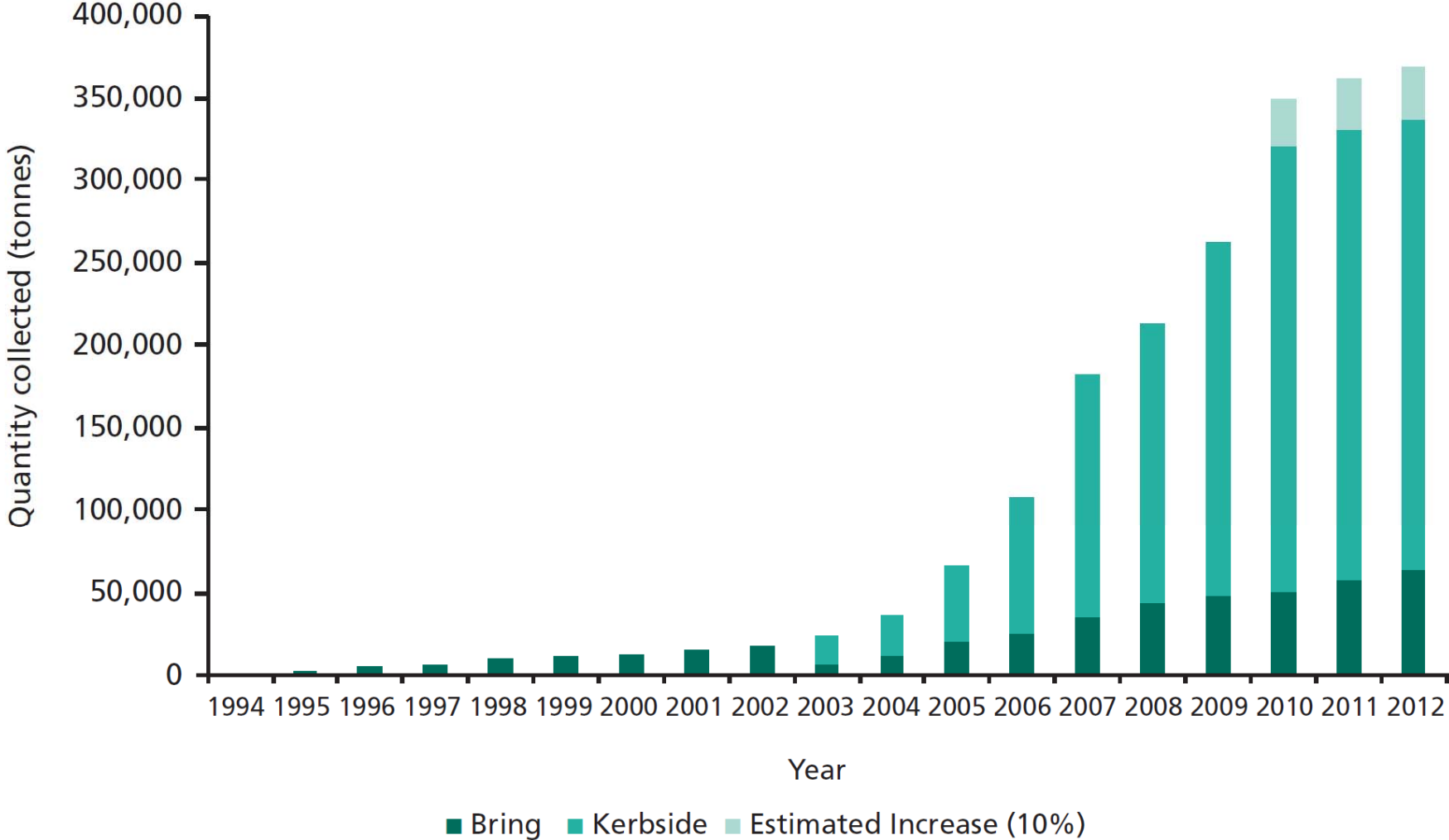


*Figures within bar state waste in millions of tonnes per year*



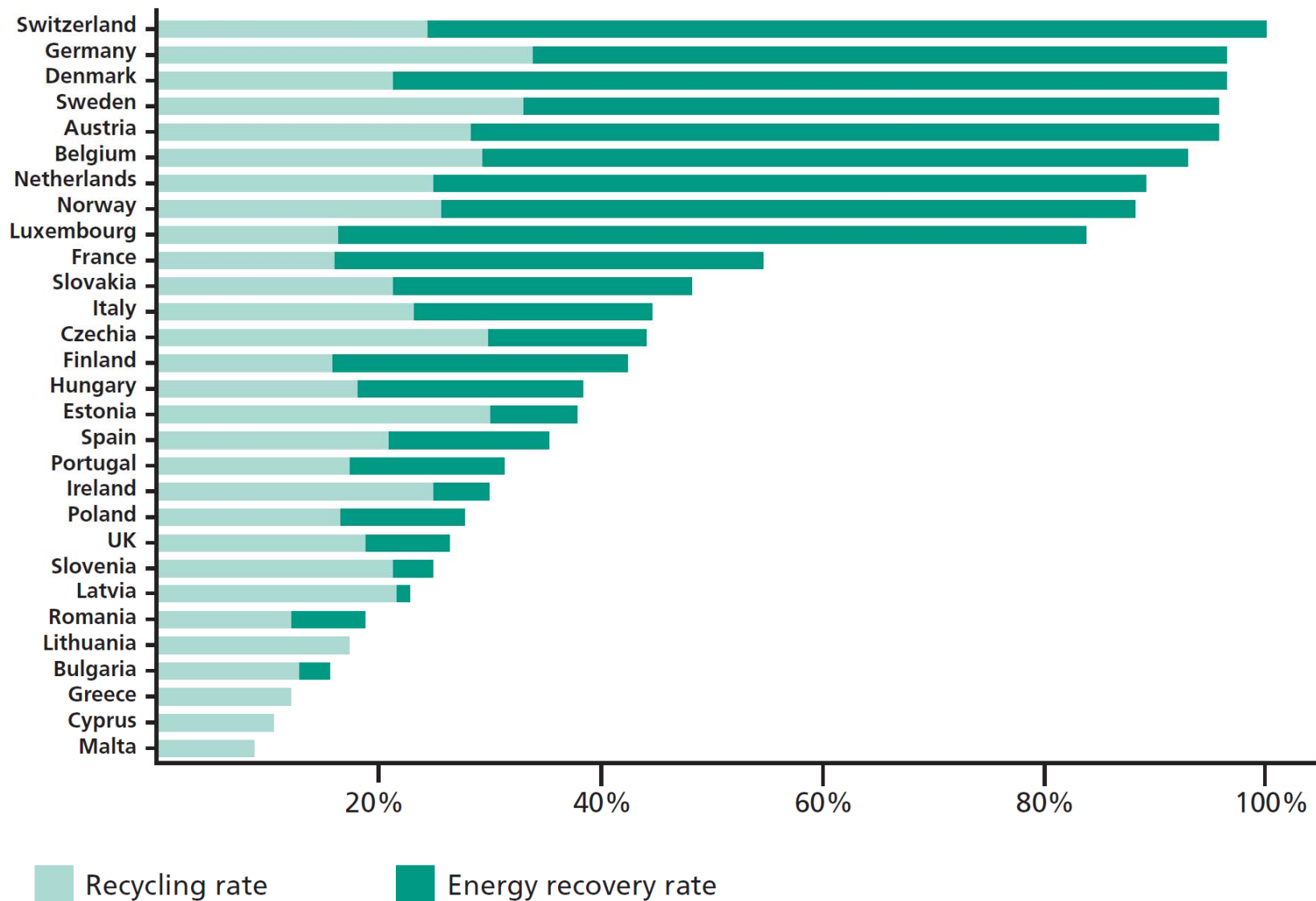
# Plastics: what can we do?

Figure 1 – Growth in plastic bottle collections, by bring and kerbside schemes



Source: Recoup, UK Household Plastics Packaging Collection Survey 2010, Nov 2009

Figure 7 – Recycling and energy recovery rate per country in the EU<sup>9</sup>



Source: Recoup, UK Household Plastics Packaging Collection Survey 2010, Nov 2009



Polyethylene  
Terephthalate

Fizzy drink and water bottles. Salad trays.



High Density  
Polyethylene

Milk bottles, bleach, cleaners and most  
shampoo bottles.



Polyvinyl  
Chloride

Pipes, fittings, window and door frames  
(rigid PVC). Thermal insulation (PVC foam)  
and automotive parts.



Low Density  
Polyethylene

Carrier bags, bin liners and packaging films.



Polypropylene

Margarine tubs, microwaveable meal trays,  
also produced as fibres and filaments for  
carpets, wall coverings and vehicle  
upholstery.

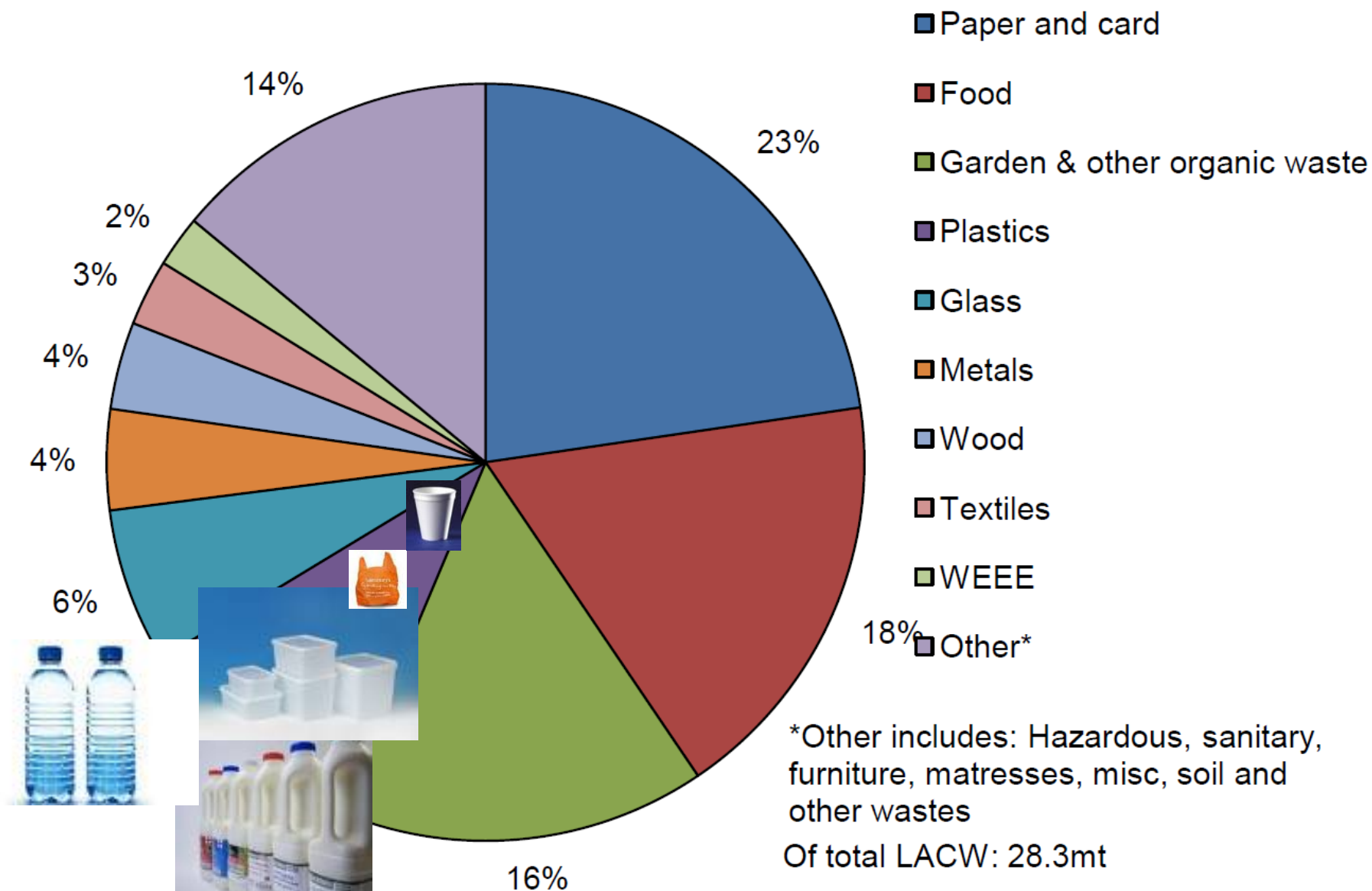


Polystyrene

Yoghurt pots, foam hamburger boxes and  
egg cartons, plastic cutlery, protective  
packaging for electronic goods and toys.  
Insulating material in the building and  
construction industry.

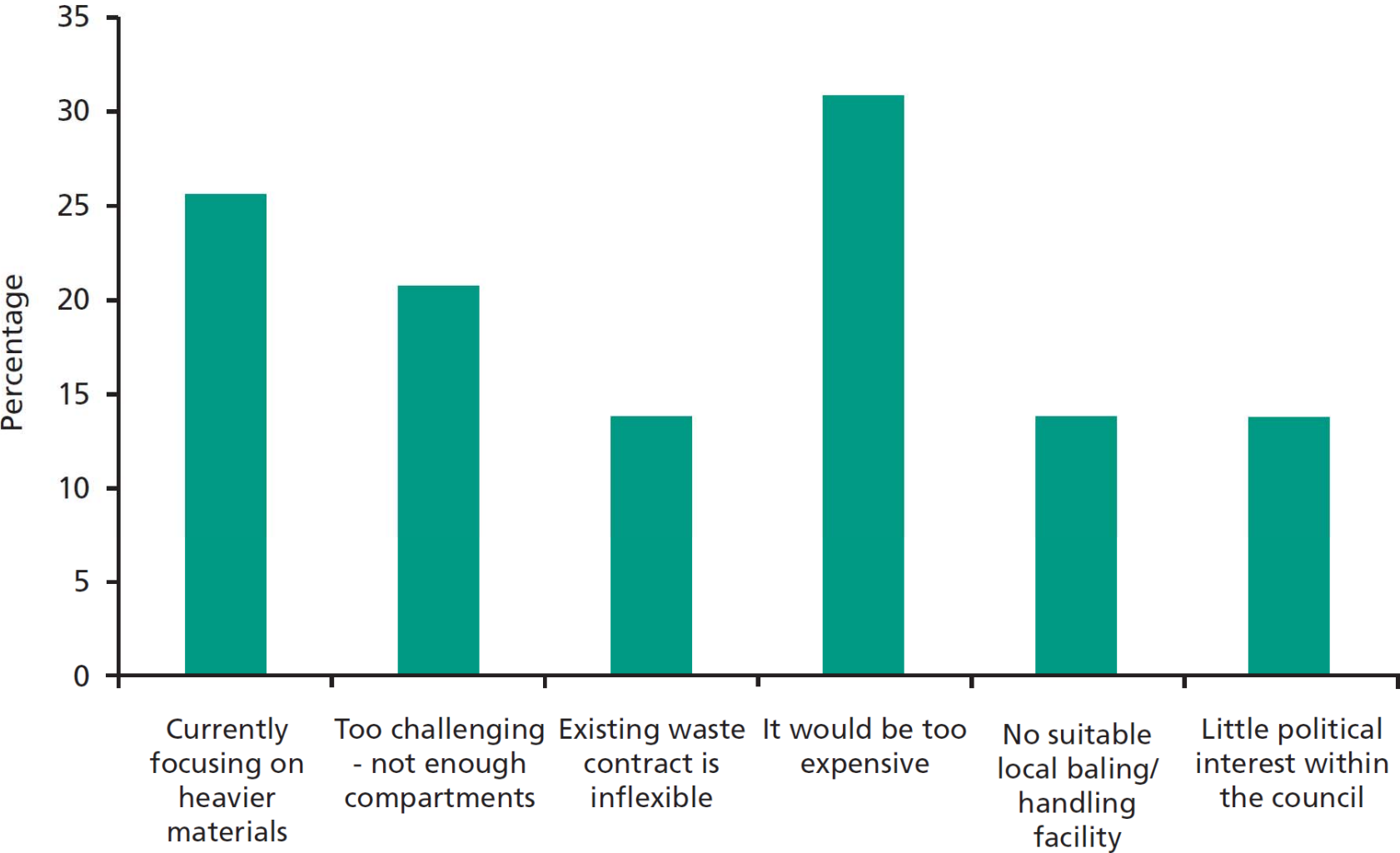


Figure 10 LACW composition, England 2006/07



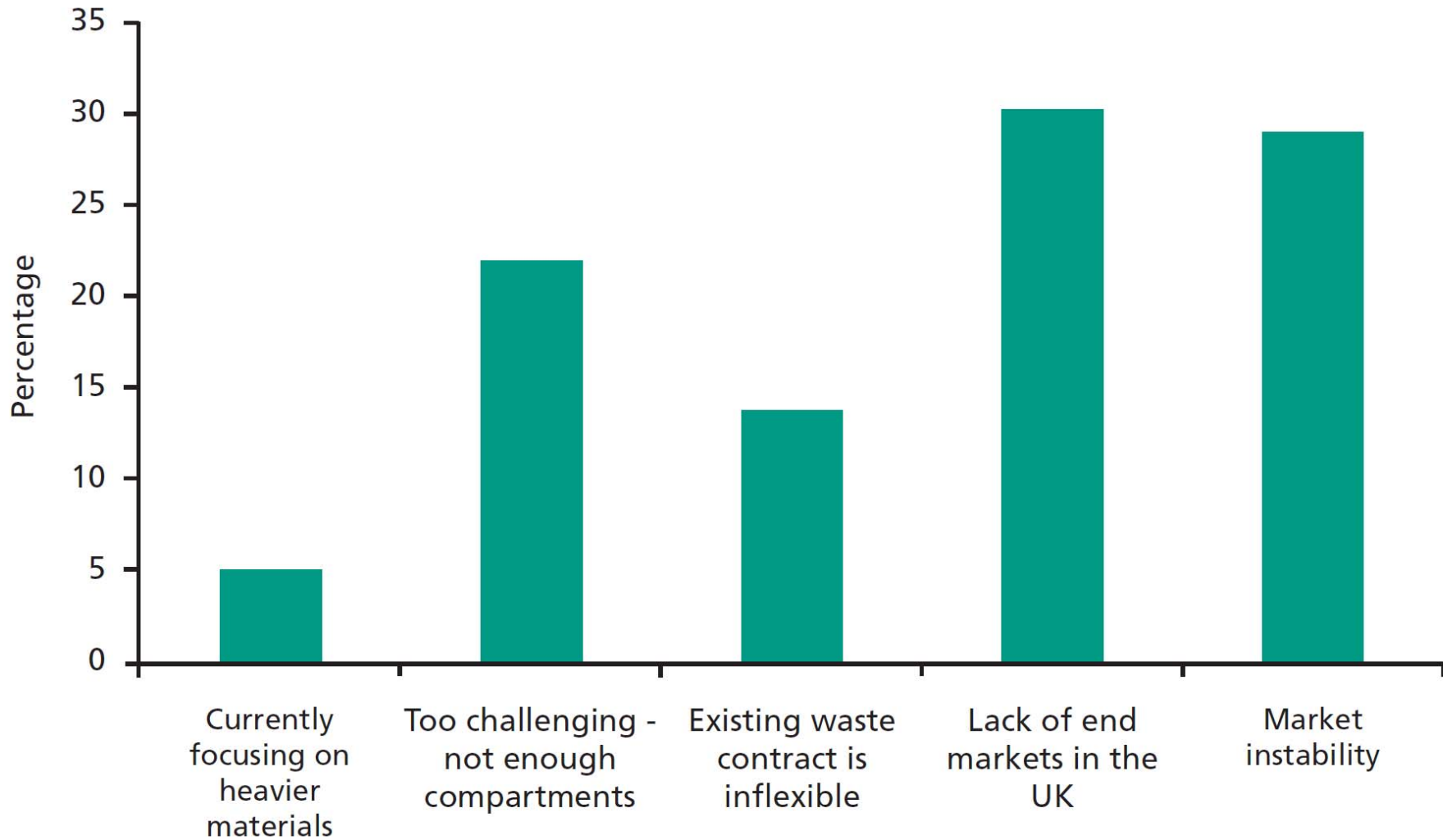
Source: Defra - Municipal Waste Composition: A Review of Municipal Waste Component Analyses 2009

Figure 23 – Factors preventing local authorities from collecting plastic bottles via kerbside



Source: Recoup, UK Household Plastics Packaging Collection Survey 2010, Nov 2009

Figure 28 – Factors preventing local authorities from collecting non-bottle household plastics



Source: Recoup, UK Household Plastics Packaging Collection Survey 2010, Nov 2009



From this



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