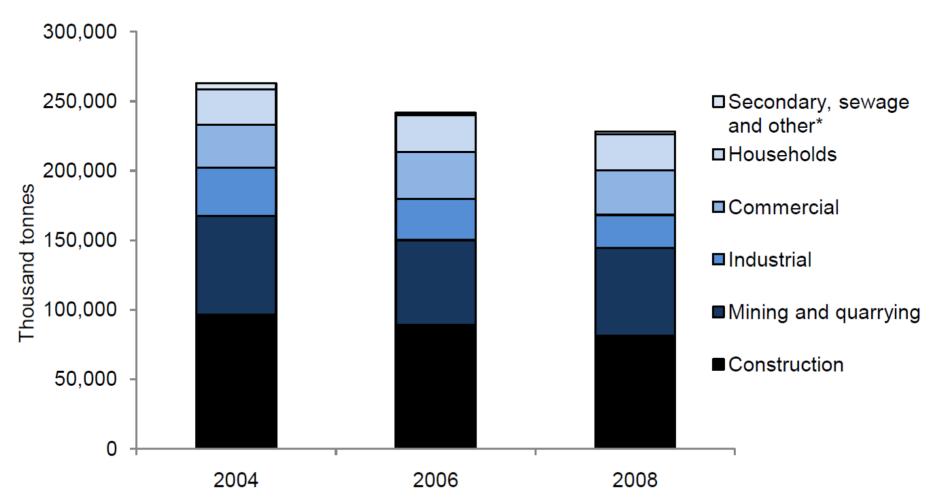
Maidstone Borough Council: Communities Overview & Scrutiny Committee 09 August 2011

Paul Vanston, Kent Waste Partnership Manager

Kent Waste Partnership

EU, UK and Kent Overview

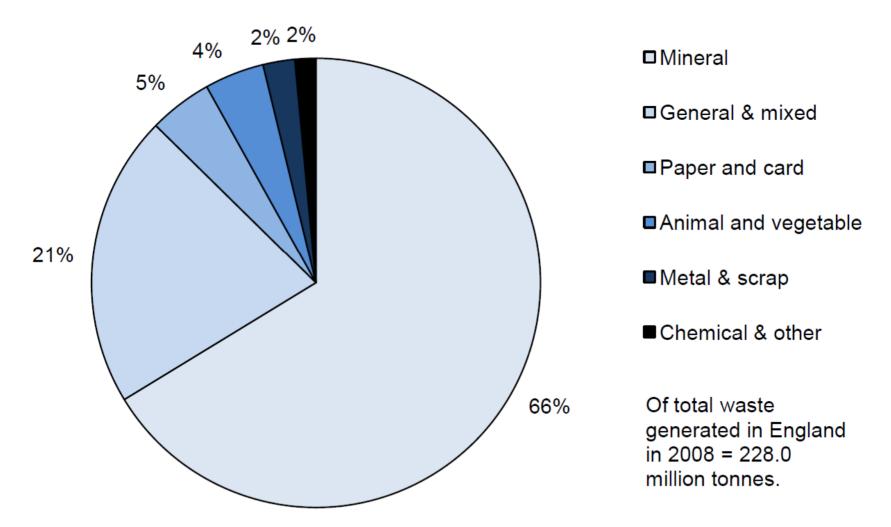
Figure 3 Total waste generation in England, by sector, 2004 to 2008



^{* &#}x27;Other' includes healthcare wastes, batteries & accumulators, dredging spoils and solidified/stabilised/vitrified wastes.

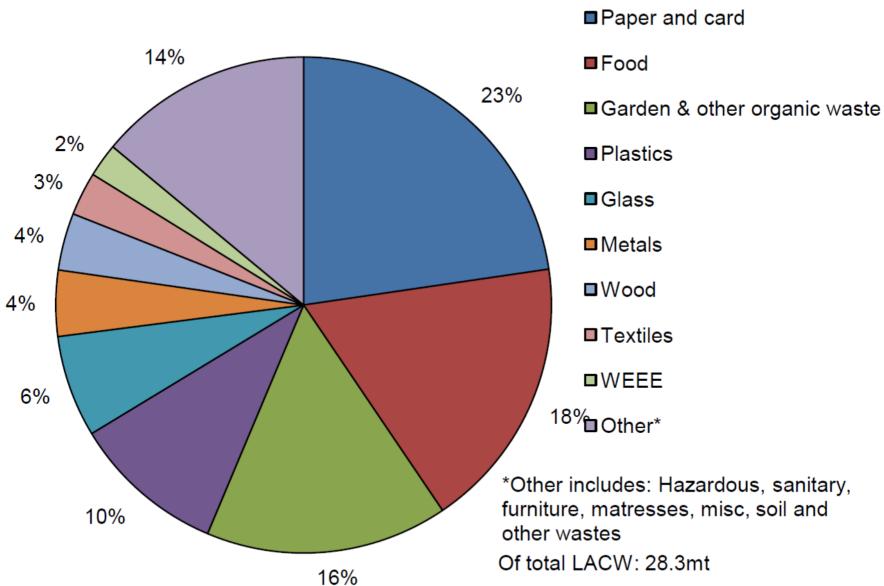
Source: Defra - Waste Statistics Regulation return to Eurostat, 2004 to 2008

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



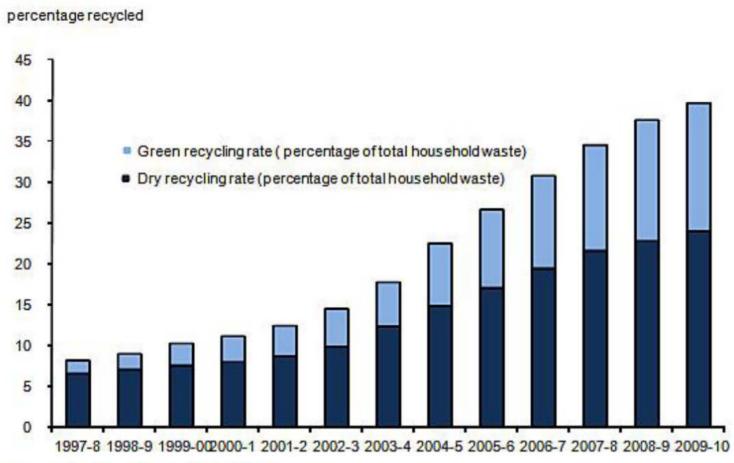
Source: Defra – Waste Statistics Regulation return to Eurostat, 2008

Figure 10 LACW composition, England 2006/07



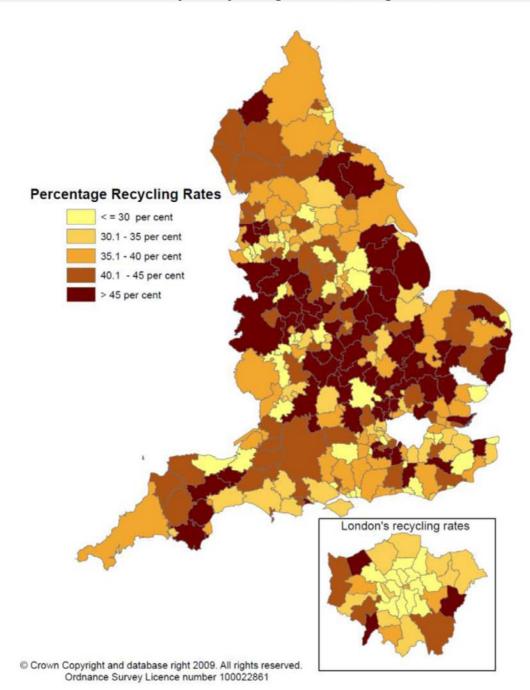
Source: Defra - Municipal Waste Composition: A Review of Municipal Waste Component Analyses 2009

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

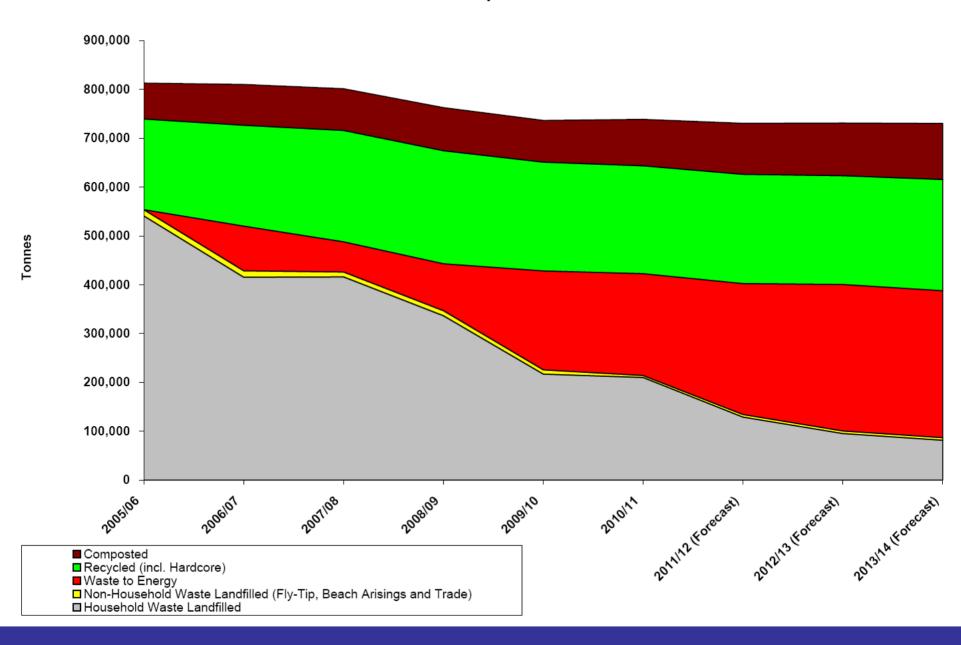


Source: Defra, WasteDataFlow

Figure 13 Local authority recycling rates, England, 2009



Levels of Municipal Waste in Kent

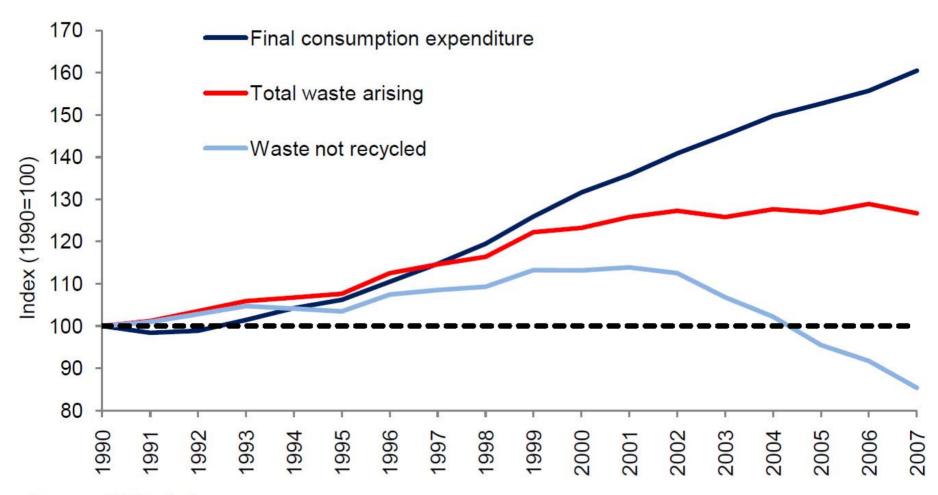


Waste generation by economic activity (2008) Germany France United Kingdom Bulgaria Poland Romania Italy Spain Netherlands Sweden Finland Austria . Greece Belgium Portugal -Ireland Czech Republic Hungary Estonia Denmark Slovakia Luxembourg Lithuania Slovenia Cyprus Latvia Malta 50 100 150 200 250 300 350 400 Mining, quarrying and construction Manufacturing Electricity, gas, steam and air conditioning supply Waste from households Other

Waste management Waste generated (kg per person per year) EU 27 Denmark Germany Cyprus Netherlands Luxembourg Austria Ireland Sweden Malta Denmark Netherlands Belgium Luxembourg **KWP** Germany France Finland Spain United Kingdom Italy Italy France Spain United Kingdom Ireland Portugal Portugal Estonia Sweden Poland Finland Slovenia Bulgaria Czech Republic Greece Hungary Slovenia Slovakia Romania Hungary Greece Romania Cyprus Lithuania Lithuania Estonia Latvia Latvia Malta Slovakia Bulgaria Poland Czech Republic 0% 50% 100% ■ Landfilled 800 400 Source: Eurostat ■ Recycled/composted/other

■ Incinerated

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



Source: ONS, Defra



Kent Waste Partnership

Levels of Municipal Waste in Kent

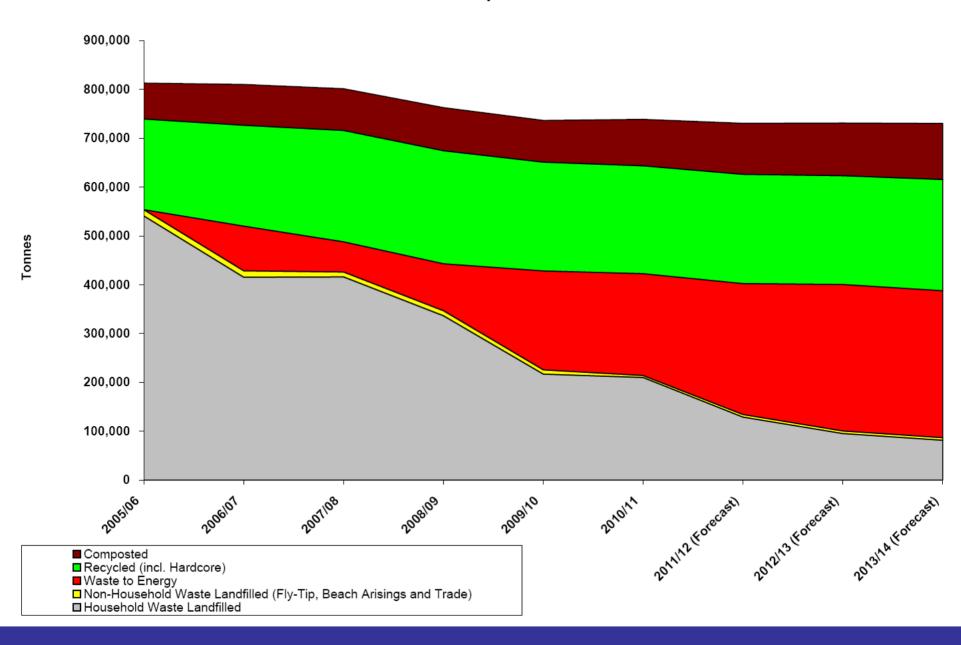
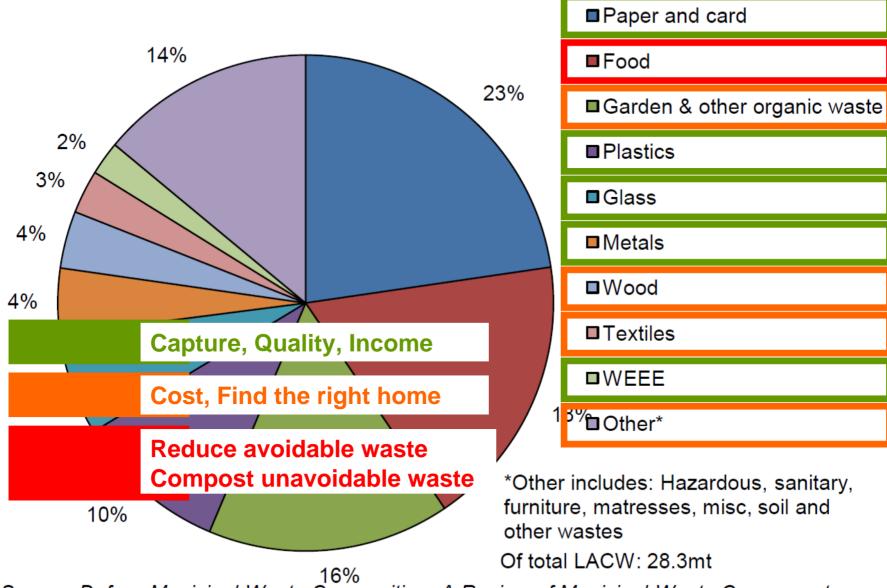
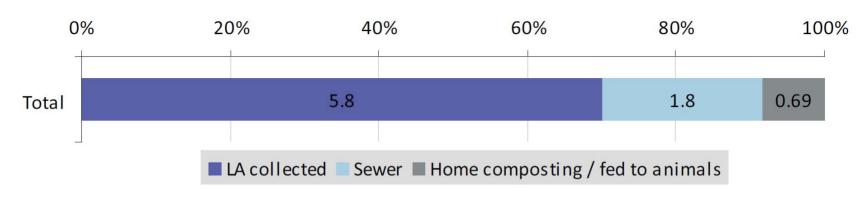


Figure 10 LACW composition, England 2006/07



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

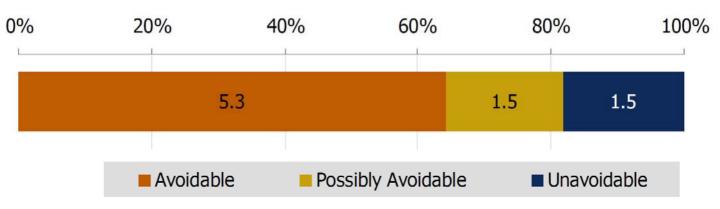
Figure C: Weight of food and drink waste generated in the UK, split by disposal route



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.

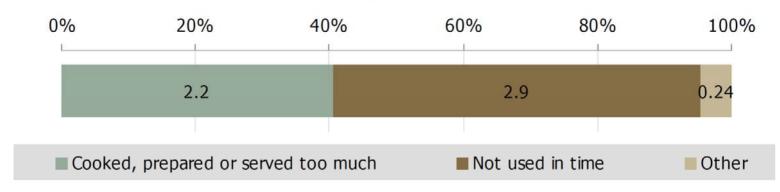
Figure D: Weight of food and drink waste generated in the UK, split by avoidability



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

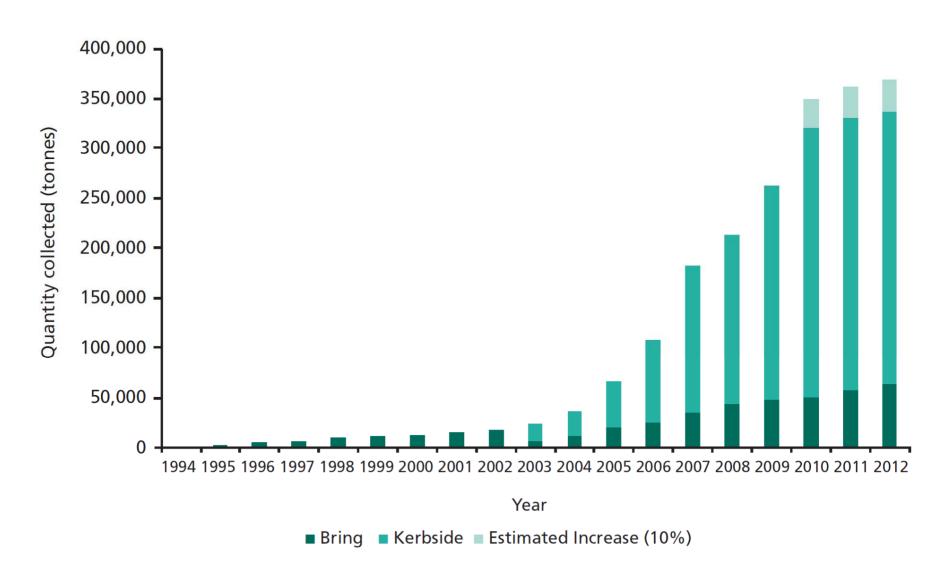


Figures within bar state waste in millions of tonnes per year

Source: Wrap, Household Food & Drink Waste Report, Nov 2009

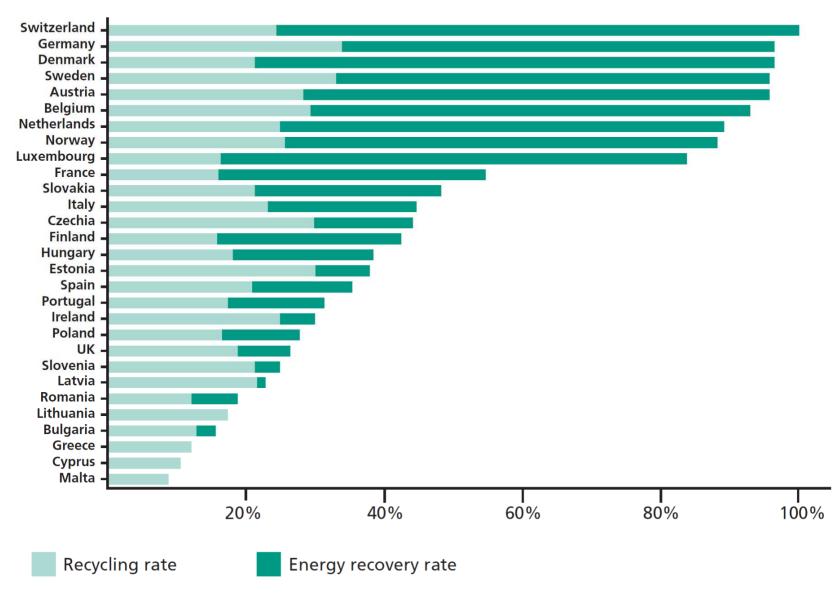
Plastics: what can we do?

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



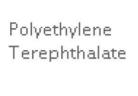
Source: Recoup, UK Household Plastics Packaging Collection Survey 2010, Nov 2009

Figure 7 – Recycling and energy recovery rate per country in the EU⁹



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





Fizzy drink and water bottles. Salad trays.





Milk bottles, bleach, cleaners and most shampoo bottles.





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





Low Density Polvethylene

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.



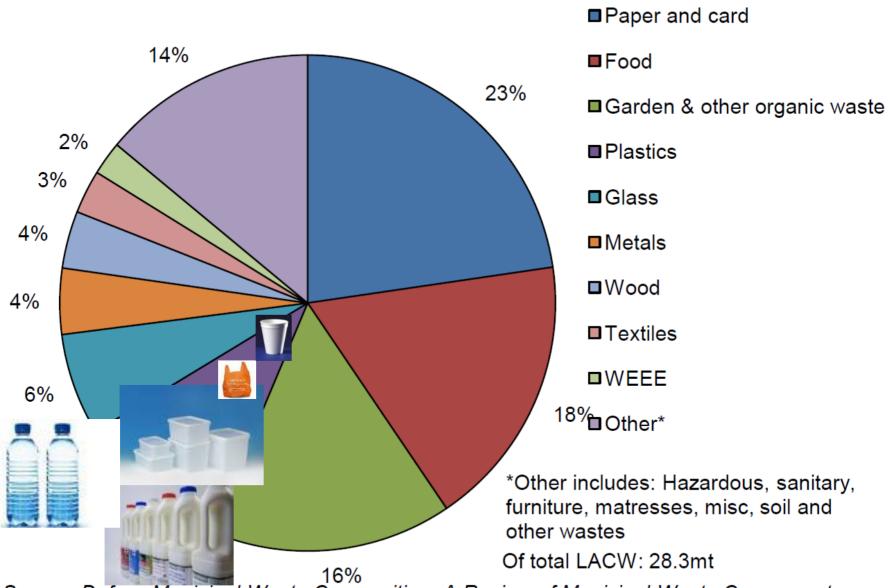


Polystyrene.

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.

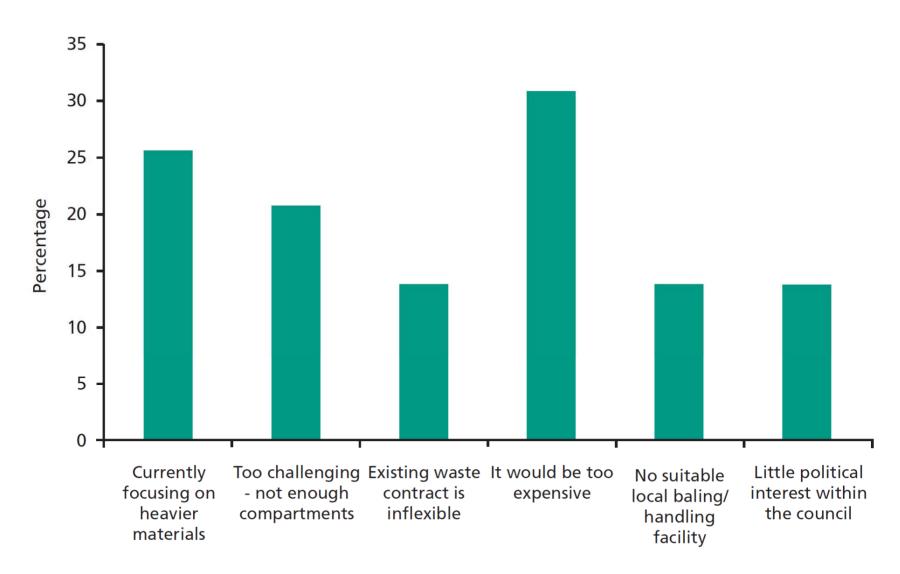


Figure 10 LACW composition, England 2006/07



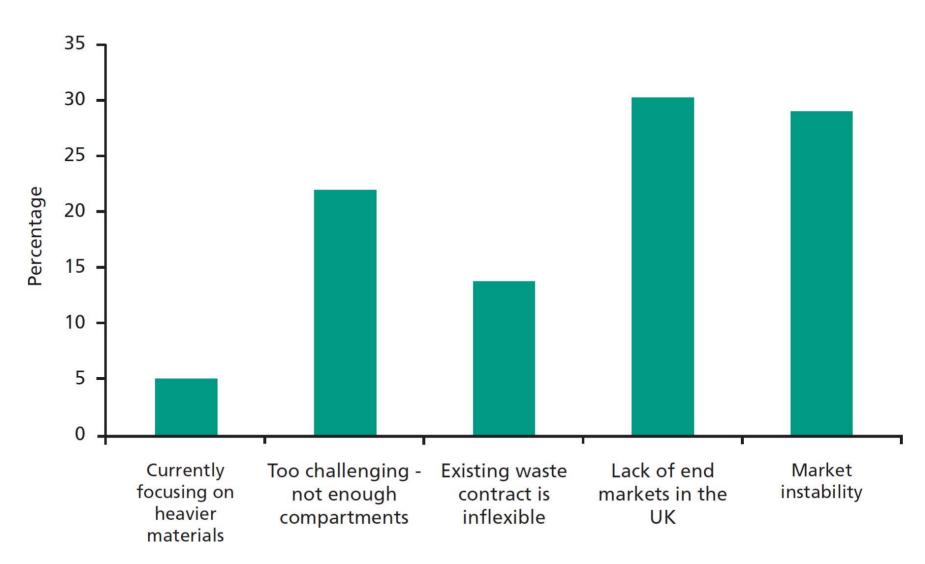
Source: Defra - Municipal Waste Composition: A Review of Municipal Waste Component Analyses 2009

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 to this and back to this











