

NEW KERBSIDE RECYCLING SERVICE



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Why we should Recycle

- Environmental Sustainability
- Government Performance Targets
- Financial Sustainability
- Public Aspirations
- Summary

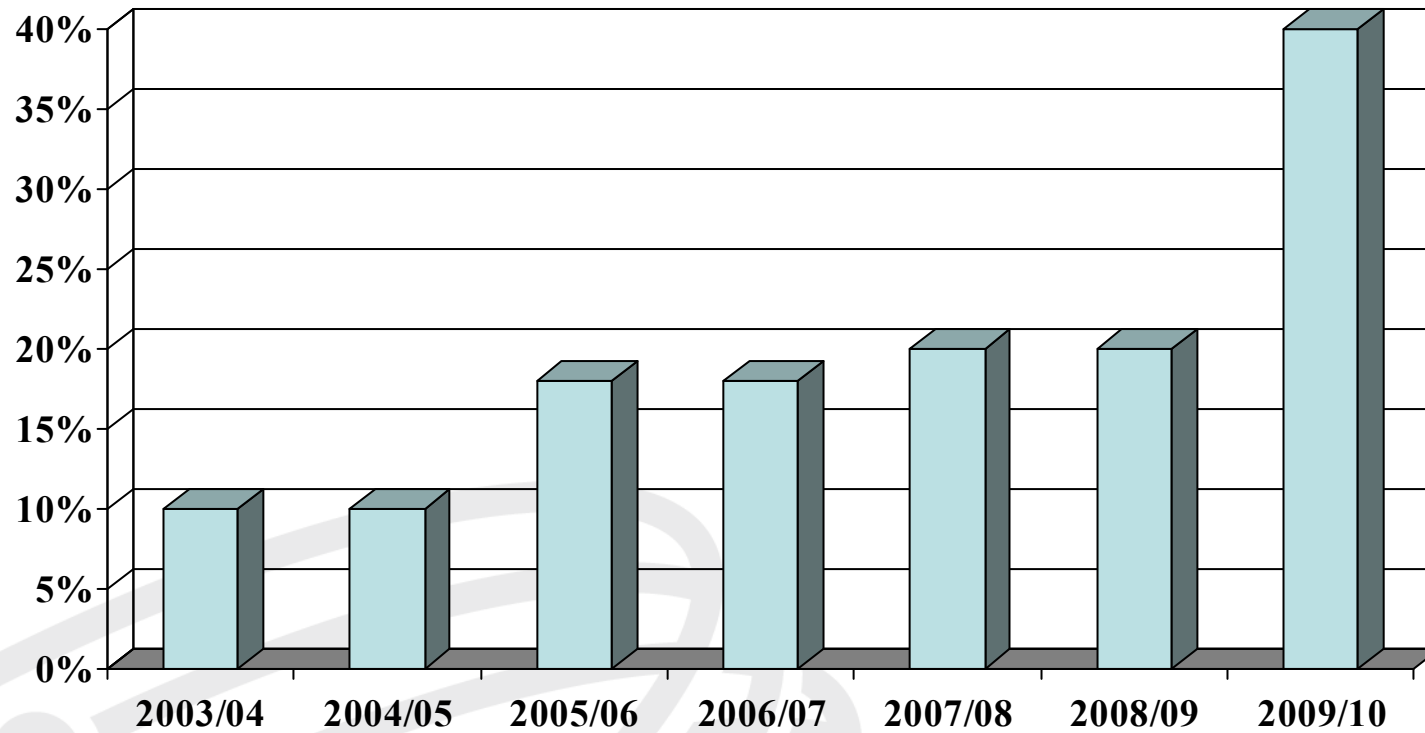


Why we should Recycle Environmental Sustainability

- Landfill Sites – Greenhouse Gases
 - 50% of emitted methane comes from landfilled waste
- Energy Conservation
 - Re-processing recycled aluminium cans saves 95% of the energy it would take to make them from bauxite
 - Reprocessing one plastic bottle saves enough energy to power a 60W light bulb for 6 hrs
- Natural Resources
 - Reduced demand on virgin materials
 - Recycling steel decreases the need for virgin materials by 90%
 - Re-processing one tonne of recycled glass saves 30 gallons of the oil used when manufacturing from raw materials

Why we should Recycle

National Recycling Targets



Why we should Recycle

What do we need to achieve to hit recycling targets

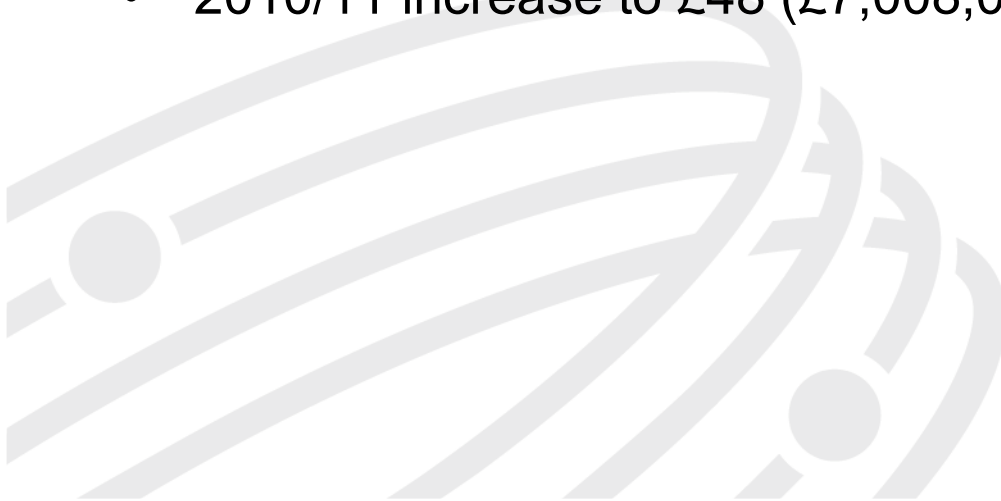
- Sedgefield Borough Council currently produces 40,000T of household waste each year (enough waste to fill Durham cathedral twice over)
- Kerbside service currently recycles 5,000T or 12.5%
- Other SBC recycling services collect 4,000T or 10%
- 2007/08 Recycling target = 20% (8000T)
- 2009/10 Recycling target = 40% (16,000T)

We therefore need to:

- Minimise amount of waste produced
- Maximise recycling rates

Why we should Recycle Avoiding Landfill Tax

- Co. Durham landfills 146,000 tonnes of Household Waste each year
- 2007/08 landfill tax is £24/T (£3,504,000)
- 2008/09 increase to £32/T
- 2009/10 increase to £40/T
- 2010/11 increase to £48 (£7,008,000)



Why we should Recycle Landfill allowance

- Landfill Allowance Trading Scheme
- Requires reduction of Biodegradable waste being landfilled
- From 146,000 tonnes to 118,000 by 2010
- Penalty of £150 per tonne for exceeding our allowance



Why we should Recycle Summary

Improved Kerbside Recycling contributes to:

- Environmental Sustainability
- Better use of Public Finances
- Public demand for better recycling services
- Greater customer satisfaction / feel good factor
- Performance against key indicators
- Preservation of valuable landfill capacity

Procurement of new Kerbside Recycling Service

- Overview and Scrutiny Committee 3 – Recycling Review 2006/07
- Termination of existing kerbside contract
- Review group Recommendation
 - Continuation of kerbside service
 - Joint working with “Kerb-it” partners
- Service Procurement



The New Kerbside Collection Service

- Service Providers – Greencycle PLc
- Service Details
- Greencycle Resources
- Markets
- Financial Viability



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Greencycle:

- Formed in 2005
- Passion for recycling and innovation, (which it believes, differentiates it and from other waste management companies)
- Don't own any landfills
- Currently investing in material processing plants
- Congleton District Council Contract

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Greencycle's proposal offers a service that:

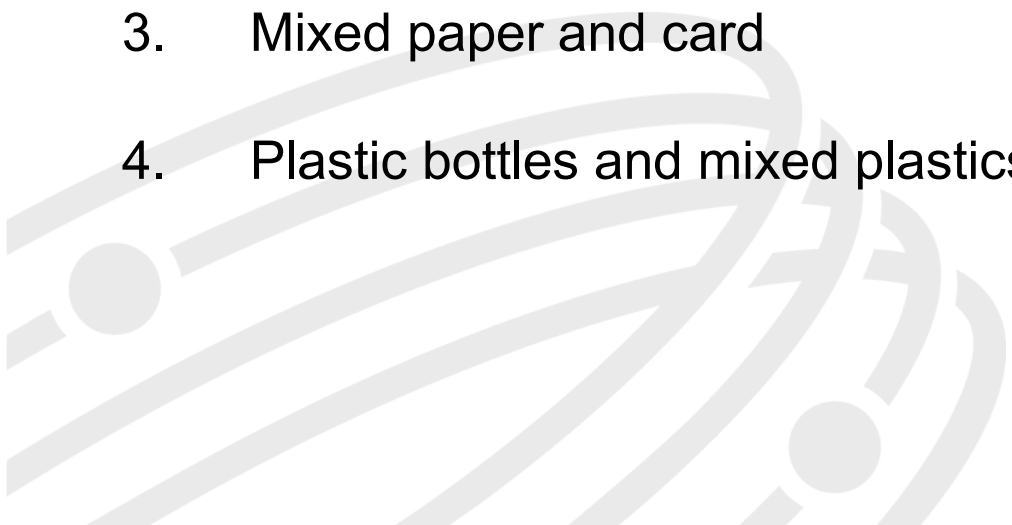
- Maximises recycling by increasing the range of materials to be collected i.e. cardboard and paper
- Has a local depot.
- Creates local employment.
- Provides a dedicated “recycling Education Officer” for each contract area
- Provides a £2 per tonne donation to local environmentally aware organisations.

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Service Materials

The recycle to be collected:

1. Mixed glass
2. Mixed cans and metal including foil
3. Mixed paper and card
4. Plastic bottles and mixed plastics



Cardboard

Acceptable	Not Acceptable
Corrugated packaging Pizza boxes Tissue boxes Cereal boxes Greeting cards General cardboard packaging Juice cartons ie Tetrapacks Toilet / kitchen roll tubes (cardboard should be flattened)	Any card that is contaminated with food Polystyrene (either separate or still inside packaging) Cardboard wrapped in plastic film

Paper

Acceptable	Not Acceptable
Newspapers / Magazines Catalogues Brochures / Flyers / Junk mail Telephone directories / Yellow Pages Envelopes Office paper / Wrapping paper Books/manuals	Laminated paper Toilet / kitchen / make up tissues

Glass

Acceptable	Not Acceptable
Bottles and jars (all colours) (all glass containing food must be washed out and lids removed)	Window panes Cook ware / pots (ie Pyrex) Reinforced glass Ceramics (ie plates and bowls)

Cans

Acceptable	Not Acceptable
Steel food/drinks cans Aluminium food / drinks cans Aluminium foil / food trays Biscuit tins Aerosols (deodorant / hair spray / cleaning / air freshener) (all must be washed out)	Any steel or aluminium can/tin/foil that is contaminated with food waste. Spray paints / chemical sprays

Plastics

Acceptable	Not acceptable
Bottles (with lids / caps removed) Yogurt pots Margarine tubs Ice cream tubs Shopping carrier bags Plastic film/wrapping Bubble wrap Survival recycling sacks (all plastics containing food must be washed out)	Ready meal food trays (Polystyrene) Hard plastic containers Children's toys

Greencycle believes that by offering to collect a considerably wider range of recyclate, participation will increase across the range as it becomes more obvious what can be recycled.

“If it looks like paper, it’s paper”

“If it looks like card, it’s card”

Yes Please to !!!!!!!

Plastic and metal tops

Cereal boxes, washing power boxes and any other boxes

Gift wrapping paper and greetings cards

Tin foil

Yellow pages

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- The service will be using 4 no. compartmental recycling vehicles each with a driver and three operatives plus a spare vehicle will be provided to cover for breakdowns etc.
- Smaller caged vehicles for areas of restricted access and outlying farms
- All vehicles will be purchased new for this contract



Service Staff (over the whole of the contract area – 4 Authorities)

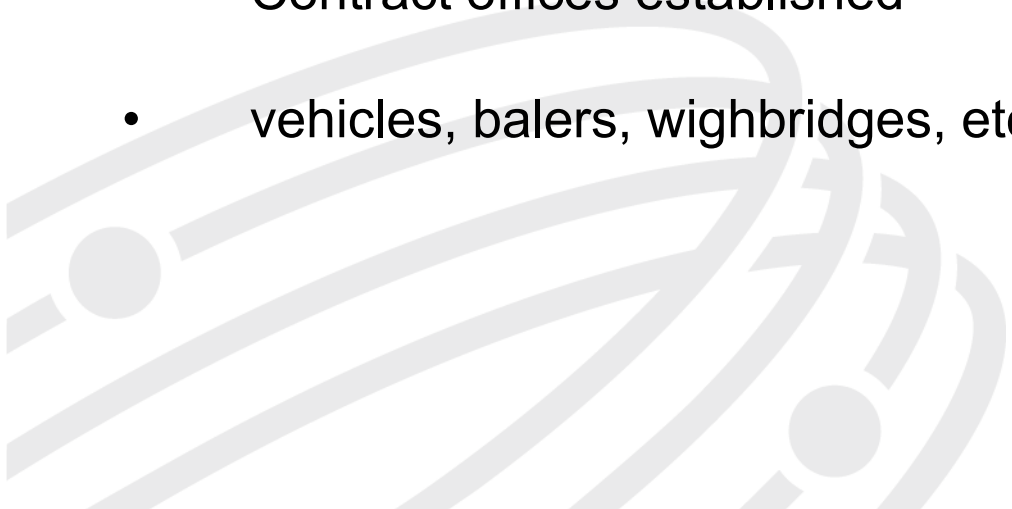
Role	TUPE Staff	New staff levels
Contract Manager	1	1
Assistant Contract Manager	0	1
Senior Supervisor	1	1
Supervisor	3	4
Driver	13*	18
Kerbside Operative	26 *	50
Depot Operative	0	8
Administrator	1	2
Recycling Education Officer	0	4
Total	45	89

* Includes current vacancies

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Service Depot

- Based at Turisdale
- Site layout finalised ready for building works to commence
- Implementation team are now full time at Turisdale
- Contract offices established
- vehicles, balers, wighbridges, etc on order



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Plastics

Jayplas → Processes in, and makes, some products in the UK, sells granules on the open market.
J & A Young (Leicester) Ltd
Loughborough, Leicestershire

Paper and Cardboard

Riverdale Paper Plc → Goes to St Regis Paper Mills, but material may also be exported to licensed mills in China such as Ningbo
Gateshead, Tyne and Wear

Glass

Berryman Glass → Processes glass into cullet and new glass in the UK and Ireland
South Kirkby, Yorkshire

Al Cans and foil

Novelis → Processes into new ingots in the UK and sold on the open market.
Warrington

Fe Cans

EMR Ltd → Shredded and sold on the open market.
Hartlepool

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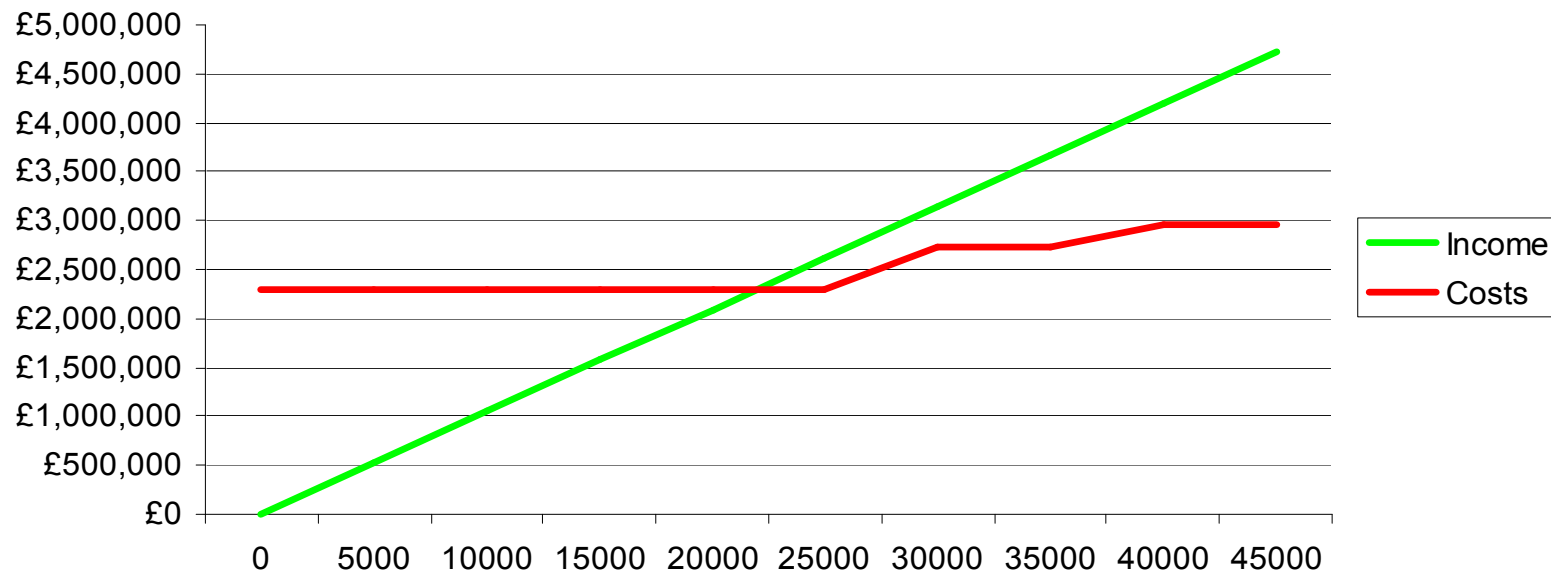
Outgoing

- Vehicles
- Plant
- Depot
- Labour

Incoming

- Collection charge
 - Sale of recyclate
- Rises as participation increases

Generally fixed costs



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Any Questions?



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