

West London Waste Authority what happens to your waste?

Richmond Village Forum
Tuesday 10th November 2015

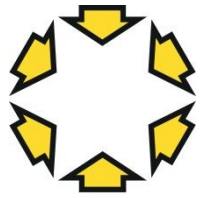
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Introduction



- What is the WLWA and what does it do?
- What happens to your waste and where does it go?
- General waste
- Food and Garden waste
- Waste from Townmead Road Reuse and Recycling Centre
- How much does this costs?
- Waste Minimisation and recycling
- Questions

What does the Authority do?



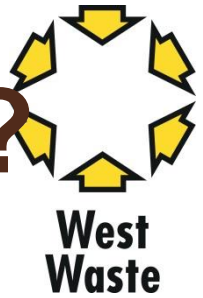
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- Established on 1 January 1986
- 3 waste transfer stations, 2 use rail to transport the waste



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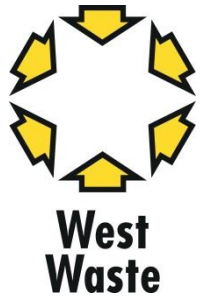
What does the Authority do?



- Serves the partner boroughs of Harrow, Brent, Ealing, Hillingdon, Hounslow and Richmond
- Provide facilities for the receipt of waste including commercial waste
- Transport and disposal/composting/recycling of borough waste
- Storage and disposal of abandoned vehicles
- Arrange for the provision of HRRC sites
- No involvement with collections

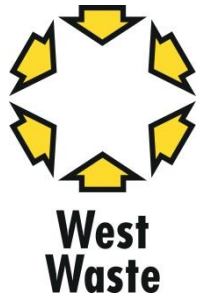
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Governance



- WLWA is a local authority
- Solely funded by the boroughs
- Members appointed by the boroughs
- Public meetings
- Decisions taken on simple majority
- Members are required to “act in the best interest of the Authority”

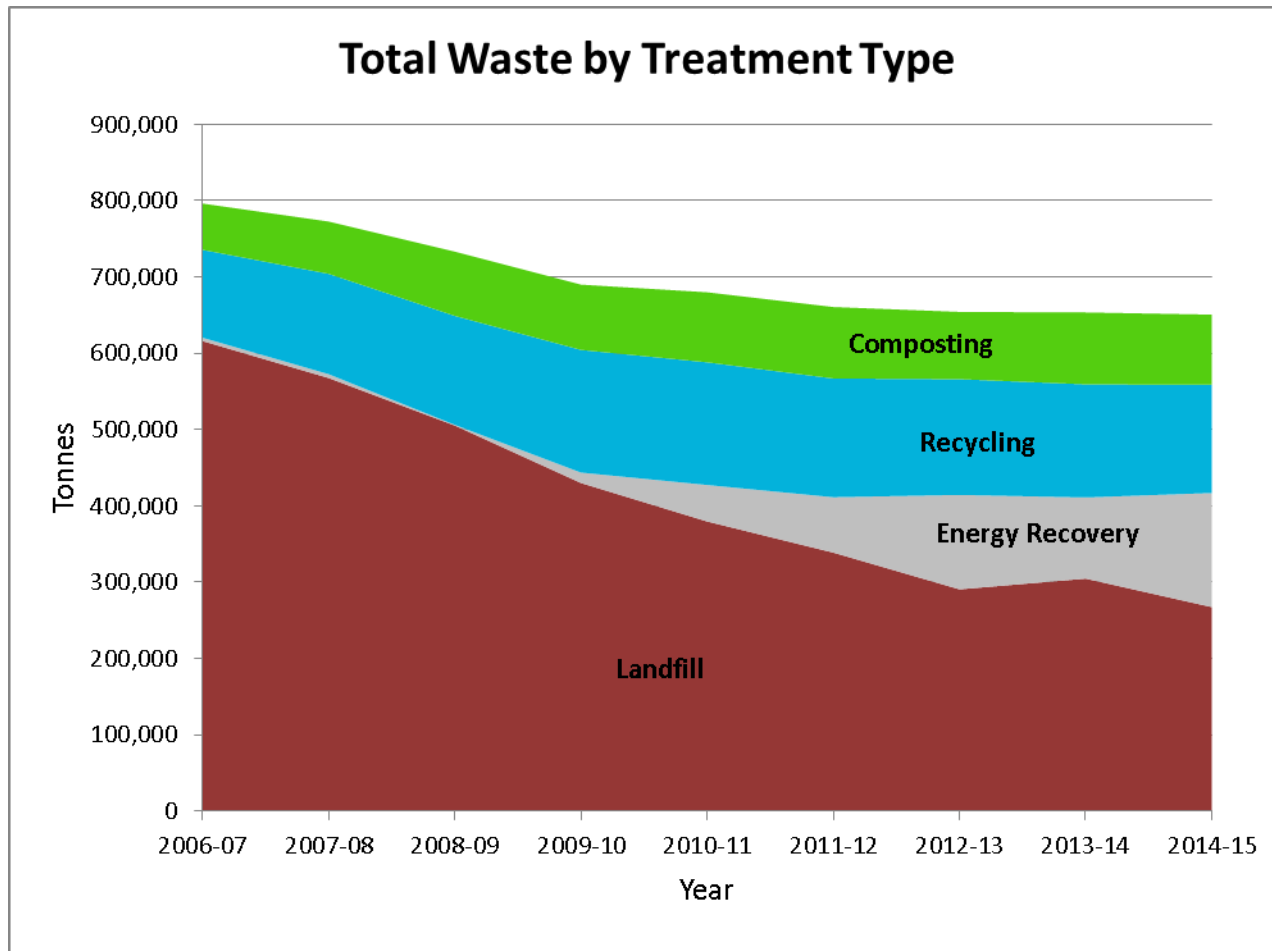
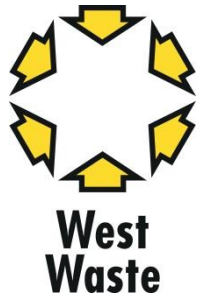
Joint Waste Management Strategy



- Agreed by Authority and boroughs in 2005
- Comply with National, London and other waste policies
- Prioritise waste reduction and re-use
- Recycle 50% of waste by 2020
- Provide all households with four recycling streams
- Reduce landfilling of waste
- Good value services that provide customer satisfaction
- Commitment to joint working

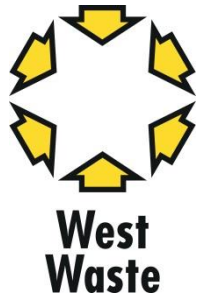
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Waste Tonnages



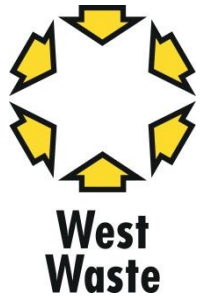
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Transport Avenue WTS Brentford



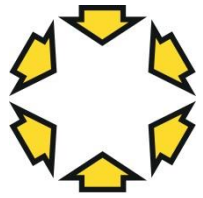
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Tipping Hall



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Unloading

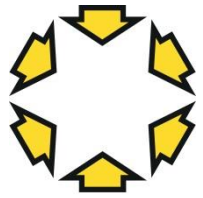


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General waste

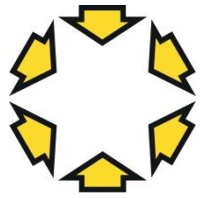


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Transport of waste by train

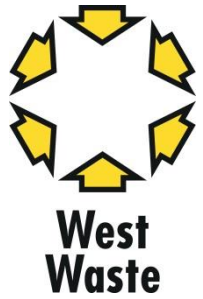


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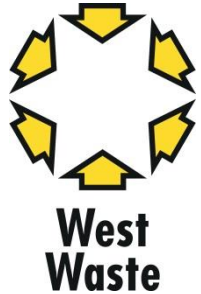
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Currently landfilled in Lincolnshire



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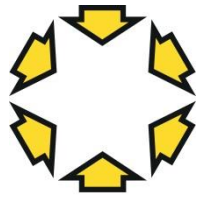
All change in 2016!



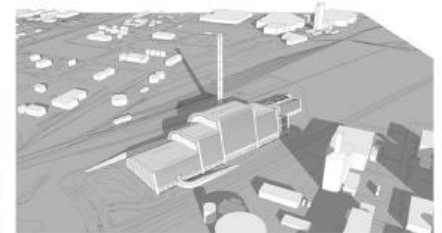
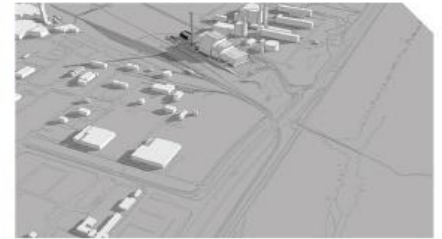
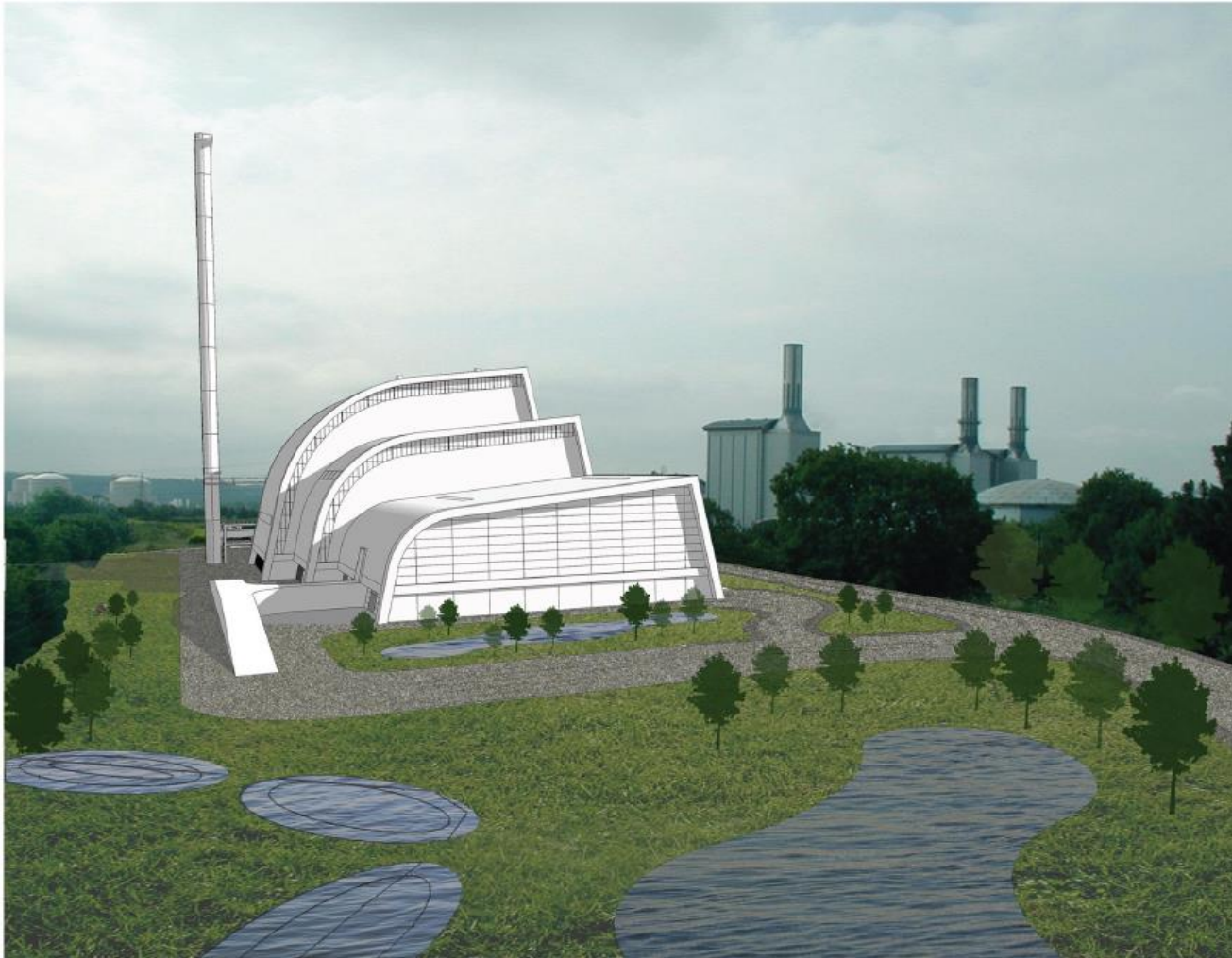
- November 2013 contract with a consortium led by SITA UK to build the Severnside Energy Recovery Centre at a site in Avonmouth, near Bristol
- Construction started December 2013 and will be complete in August 2016
- Waste will still be delivered by train
- 96% diversion from landfill and 2% more recycling
- Generates 34MGW - enough power for 30,000 homes
- Reduced carbon impact with future improvement planned
- Cheaper than landfill

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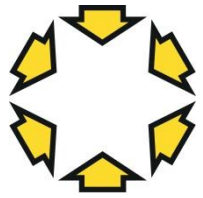
SERC



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SERC - progress

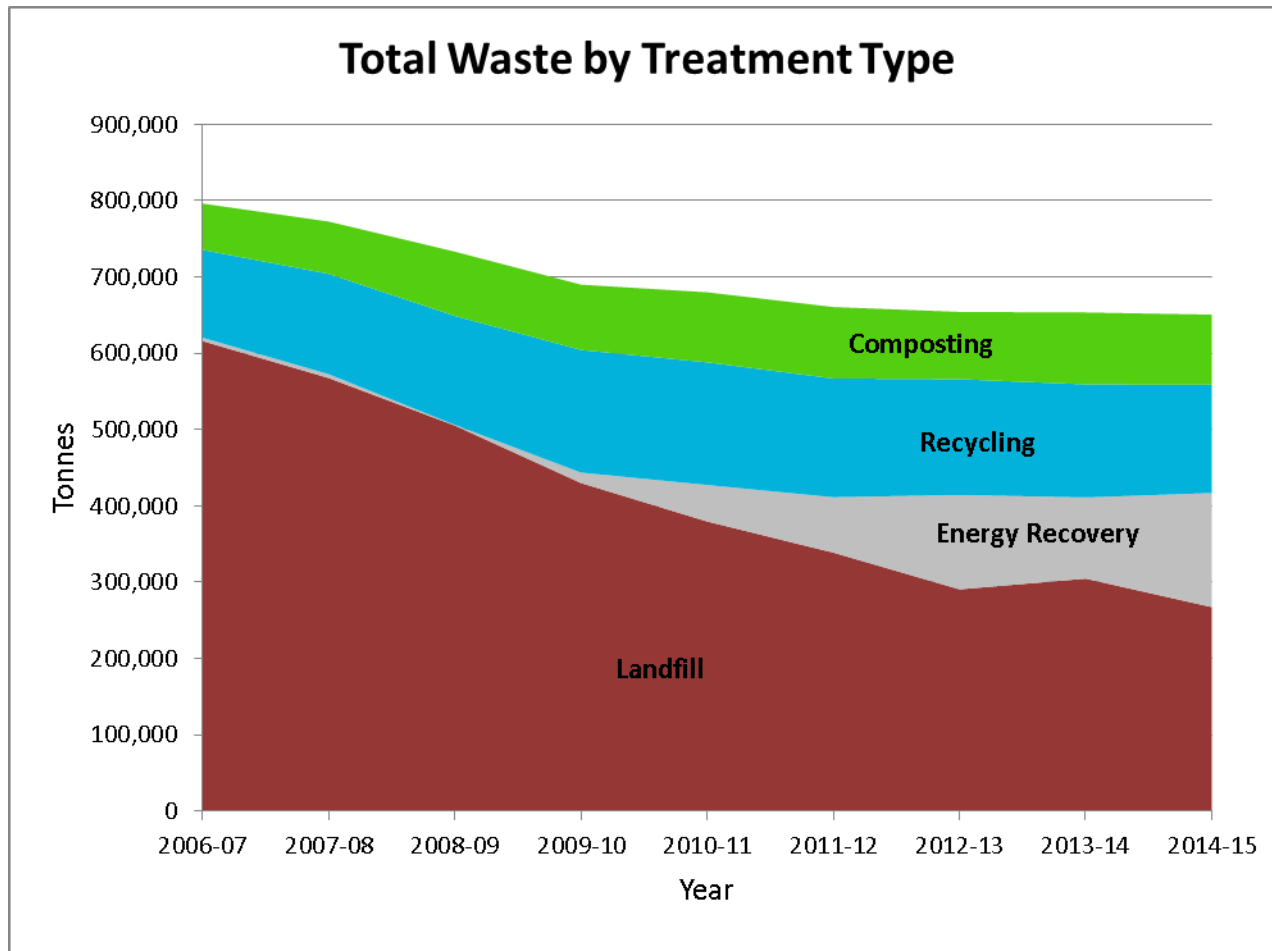
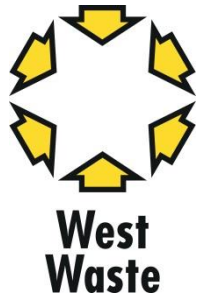


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Waste Tonnages



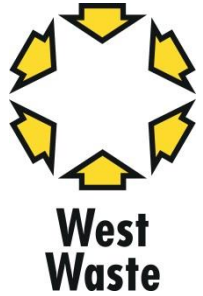
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Food and Garden Waste



- All separately collected organic waste is composted
- Food waste is sent for anaerobic digestion
- Produces heat, power and fertiliser
- Garden waste is composted by a windrow process
- Typically takes about 12 weeks to produce compost

Townmead Road HRRC



- Wood waste – used to generate energy
- Electric goods – recycled via an industry take back scheme with no charge to WLWA
- Mattresses – 89,000 recycled last year, mostly used to generate energy
- Carpets – From January 2016 will be used on racing gallops
- Always looking for new recycling options

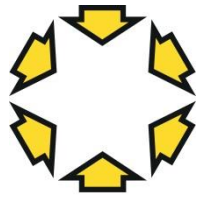
How much does this cost?



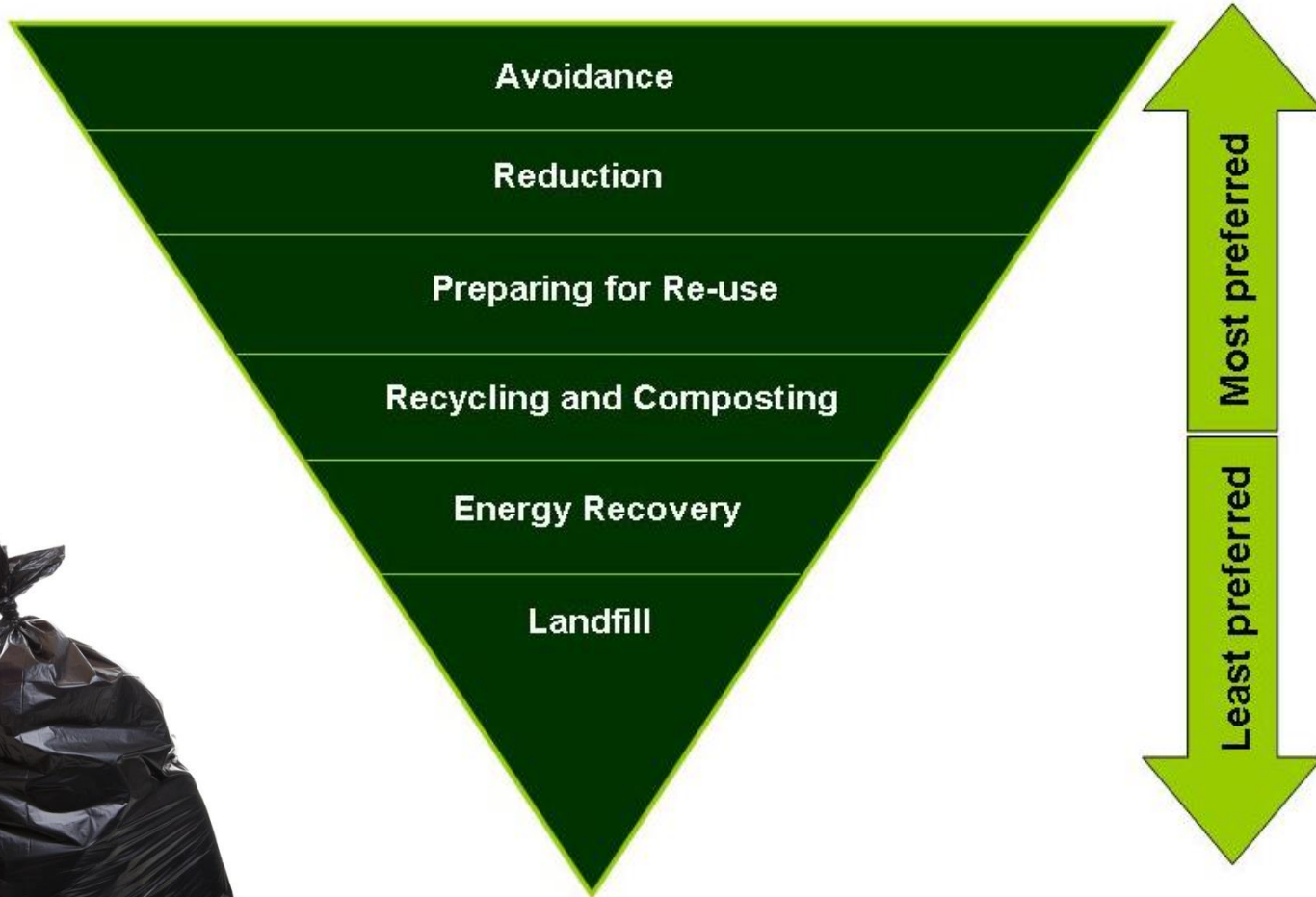
- General waste - £120 per tonne
- Food waste - £26 per tonne
- Garden waste - £32 per tonne
- Wood - £62 per tonne
- Rubble and soil - £27 per tonne
- Plaster board - £97 per tonne
- Carpets - £97 per tonne
- Mattresses - £250 per tonne

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Waste Prevention

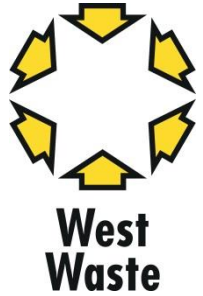


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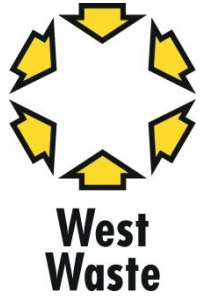
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Quiz time



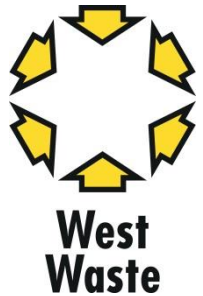
- In the UK how much food do we throw away per day?
- Slices of bread –
- Apples –
- Eggs -

Quiz time



- In the UK how much food do we throw away per day?
- Slices of bread – 24 million
- Apples – 4.1 million
- Eggs – 1.1 million

How much could we save?



In financial terms...

UK householders are throwing away £12.5 billion worth of good food and drink every year.

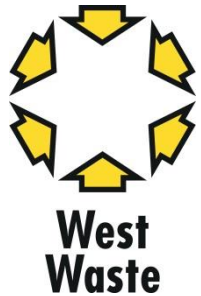
£470 per household per year

£700 per household with children per year

Savings of up to £60 a month

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Waste Prevention Activities



- Strategy from 2011 – 2015 identified 5 key materials
 - Food - 30% of the content in black bags
 - Textiles
 - Nappies
 - Furniture and electrical items
- Yearly action plans
- Our results are published and promoted

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Engaging Communities

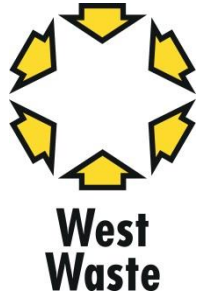


- The Team attend events and give talks
- Empowering the community to do something e.g. bring events & Swishing - Local benefits for local residents
- Our website, @WestLondonWaste, Facebook and a monthly newsletter



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Contact details



Our award winning Waste Minimisation Team would love to come and talk to your group about waste minimisation and saving money, please do get in touch

<http://westlondonwaste.gov.uk/>

02088259468

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