### East Riding of Yorkshire Council – Achieving High Recycling Results



### Paul Tripp - Environmental Services Group Manager

Sarah Atkinson – Service Manager Waste Treatment and Disposal







- Introduction to the East Riding
- Overview and development of the waste collection service
- Current recycling position
- Communicating with our residents
- Recent initiatives food waste tagging
- Waste disposal contracts



# The East Riding

The Authority:

- 930 square miles
- 336,000 residents
- 153,000 households

Waste Collection and Disposal:

- 5 divisional depots
- 3 disposal sites
- 57 collection vehicles
- 220 members of the collection team
- I0 Household Waste Recycling Sites and a Re-Use Shop







# Services and Teams

- Our Teams:
  - Waste Contract
    Management
  - Waste and Recycling Officers
  - Commercial Waste
  - Project Development
  - Operational refuse collection
- We collect:
  - Household waste
  - Bulky waste
  - Clinical waste
  - Commercial waste

- Household Waste:
  - Fortnightly collections of residual waste, dry mixed recyclables and organic waste
  - All collected in wheeled bins or sacks
  - I2 million bin collections per year
  - Commercial Waste:
    - 3500 customers
- Resources:
  - A collection budget of circa £8m and disposal budget of circa £13m





Kitchen and

Garden Waste

→ Composting Facility

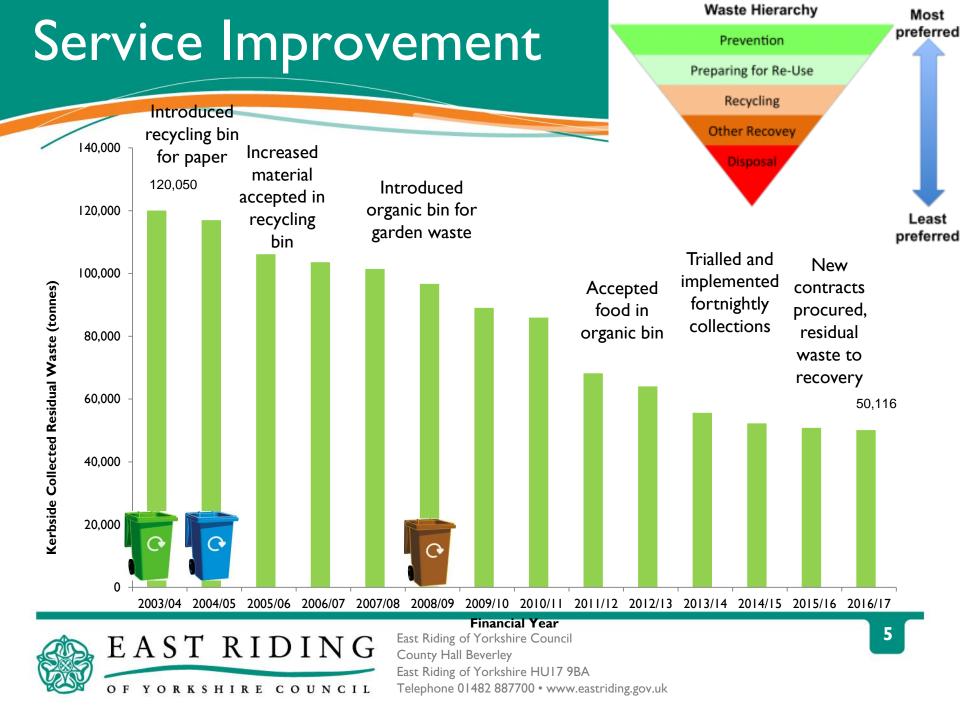
→ Recycling Plant

Non-Recyclable Residual Waste





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# **Recycling Performance**

#### Then...

#### 2003/04 OVERALL PERFORMANCE

The following table contains municipal waste data released by the Office of the Deputy Prime Minister in January 2005 for the period covering the financial year 2003-04.

| Rank | Local Authority                    | Recycling<br>rate (%) |
|------|------------------------------------|-----------------------|
| 260  | Leicestershire District Council    | 14                    |
| 261  | East Riding of Yorkshire Council   | 14                    |
| 262  | East Staffordshire Borough Council | 14                    |
| 263  | Cheltenham Borough Council         | 14                    |
| 264  | West Dorset District Council       | 14                    |
| 265  | Alnwick District Council           | 14                    |
|      |                                    |                       |

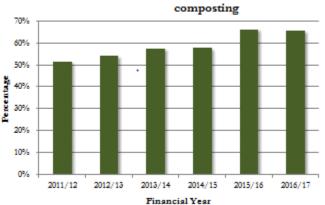
Now...

#### 2016/17 OVERALL PERFORMANCE

The following table contains municipal waste data derived from WasteDataFlow for the period covering the financial year 2016/17. The data shows the total household waste recycling, composting and reuse rate for English local authorities from April 2016 to March 2017. Local authorities are listed in overall performance order:

| Rank | Authority                            | waste sent for reuse,<br>recycling or composting<br>(Ex NI192) |
|------|--------------------------------------|--|
| 1    | East Riding of Yorkshire Council     | 65.4%  |
| 2    | Rochford District Council            | 63.9%  |
| 3    | South Oxfordshire District Council   | 63.8%  |
| 4    | West Oxfordshire District Council    | 63.4%  |
| 5    | Vale of White Horse District Council | 62.5%  |

#### Percentage of household waste sent for reuse, recycling or





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PLEASE DO NOT PLACE RECYCLING IN BLACK BIN BAGS, PLACE ITEMS LOOSE IN THE BIN.

www.eastriding.gov.uk/bins





5

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1

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2 3 4



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# **Communicating with Residents**

#### Side panel advertising on vehicles



### 40,000 residents are signed up to our free bin reminder text messages

Never forget to put your bin out again Sign up for FREE text reminders

### Text your bin calendar code to 07507 307088

\*text costs standard message rate. All reminders are free.

Search for your postcode and download your bin calendar to get your code at: **bins.eastriding.gov.uk** 



### Social media posts to promote recycling, answer questions and keep residents updated



🛱 🔩 Follow

Bin collections in Goole area changing to fortnightly from 2nd June. You can view your new collection calendar here ow.ly/xnFh9

♣ Reply ♣ Retweet ★ Favorite ··· More





Compost wilted flowers to make gardens like new



### Communicating with Residents – Press and Promotions

#### PREVENT WASTE, RECYCLE AND COMPOST WHAT'S LEFT

#### For more about bins, successing allow, successing and COLUMN AND ADDRESS

Reducing wants by

Househale

Reduce, reuse, recycle

### More food waste recycled thanks to

catriding@waitiding.gov.ui

big thank you has gone out to East Niding residents after a bin tagging scheme led to more food watte being recycled than ever before

Over the past nine months every household in the East Fiding - all 152,000 homes - has had an orange tag placed on their green wheelie bin.

The fact were a timple polite reminder from the council to encourage residents to out all food waste in their brown bin. so it can be recorded into compact, instead of in their green non-recrictable bits. And thanks to a huge ressonce from

residents, the amount of food waste blaced In brown birs has risen by more than 1,400 tonner in 2017.

That's the equivalent weight of more than 14 million socies!

And the amount collected from green bing - rubbids which cannot be recrided has dropped by a total of 2,000 tormer.

Councillor Symon Prase, the councils portfolio holder for strategic agest management, housing and environment, said: a third of all green bin waste collected. "The orange tags were not a warning and we weren't singling amone out, they were placed on every recident's green bin as it was the best way to get our message across to eventode "However the main thing that I want

to zer is a massive thank you to all of our



efforts they are making to ensure that as much food waste as possible is being recided."

A campaign was needed because a lot offood is still being out in green bins, which cannot be recided. Last rear food made up So the orange tag achiente waz launched scross the area in Planch to encourage people to use their brown bins instead. It followed successful trials carried out in Bridlington, Willerby, Poddington and Market Weighton last year.

The tagging began in areas of Deverley,

12 You fast failing - Wester 2017 - annound-site ground - @Kat , Rokey - Sandrah ann / natriking annot - annound-site ga

South Cave, Kirk Bis, Bloughton, Hecde, Hedon, Withemses and Pstrington, and gradually moved across the whole of the act filding, with warts and recycling officers Joining bin men on their regular rounds to place tags on bins.

The cancelin has helped to boost all trose of recreding with more items such as bottles, cans, newspapers and plastic food trave being recorded in blue bing.

The tast have also encouraged more recidents to get involved in recycling, with more than 2,000 residents contacting the council to request ldtchen caddles and 1,500 requesting new recycling birs.

#### Please don't put batteries in your bins

ecidents in the East Riding are being urged not to out used batteries in their bins at home - because it can lead to first at recycling plants. Over the past year there have been a number of first at recycling

facilities, including some in our region, which have been started by betteries coming into contact with vehicles and machiners. Thankfully no one has been hurt, but in order to prevent further incidents residents are being asked to recride

betteries the tafe and correct was. People can take used batteries to: · Local shops and supermarkets

Plost stores which sell betteries will have recribed properly and selek. a bettery recycling point or combiner people can put used ones in Household waste recycling sites All 10 sites in the East Riding have dedicated battery bins for all trosp. All batteries of any size can be recycled... from small watch betteries to those used. in remote controls, from mobile shone betteries to large torch batteries, even rechargeable batteries and power packs

that have come to the end of their life. Household warts recycling strat abo accept batteries from cars and motorordes, and are the best place to take co.uk/drop-off and broing in their old e-downities and their betteries to be

#### Christmas waste and recycling

2

**Bin collection dates in the East** Riding will change over the Christmas and New Year period. All residents will soon receive their 1018 Bin Collection Calendar through the post, which will let them know the new collection dates for Christmas, New Year and the whole of next year. You can find your own collection dates at the website bins.exstriding.gov.uk by troing in your postcode. Bin collections will be back to normal

from Monday, 15 January, Household waste recycling sites in the East filding will be open from 10am-

Som each day except on Christmat Eve and New Year's Eve when they will close at 4pm. They will also be closed all day on Christmas Day, Soxing Day and New Year's Day.

Real Christmas trees - with all lights and decorations removed - can be recycled by placing them next to your brown bin for collection in January, or take to a household waste recycling site. Blue bitts can be used to recycle cards, envelopes, wrapping paper, cardboard boxes, plastic tubs, metal ting, all place and plastic bottles, cans and tins, books newspapers, magistines, plastic tube and trars, luice cartons and egg boxes. Brown bins can be used to recrice all food waste including turkey and chicken. carcasses and meat bones. Clothing banks can be used for all clothes, shoes, material and bedding.

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Recycling batteries helps the

environment as it prevents pollution and

the heavy metals inside batteries, such as

sinc, mercury, silver, nickel and lead, can

to make invellent.

postcode.

be recovered and reused. Silver recovered

from recriding batteries can even be used

also be taken to household waste recruing

Residents can find their resirect.

website www.bringbackheavyme.tal.

bettery recycling sites by visiting the

All unwanted electrical equipment can



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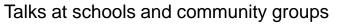
### Working with Residents – Waste and Recycling Officers

Engaging the public with activities



Speaking to individuals







#### Public events and promotions









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bin to compost

Garden waste

# **Our recent initiatives**







# Bin Tagging Project





- Food Recycling Campaign to encourage residents to put food waste into organic bin where it can be composted
- One third of waste in residual bin is food which could be composted
- Initially trialled with successful results
- Ikg/hh/collection reduction in the green bin
- Results to date reduction of 2000 tonnes in the green residual bin
- Projected disposal savings of £150k





# Bin Tagging Project

- 3222 Caddies requested as a direct result of tagging
- 1500 Wheeled Bins requested as a direct result of tagging
- Brown Bin Tonnage up 1613 tonnes
- Blue Bin Tonnage up 126 tonnes

### Public response

- I53,000 properties tagged
- 21 comments / complaints
- 5 tweets on social media





EAST RIDING OF YORKSHIRE COUNCIL We've made COMPOST from all the recycled waste in your brown bin to **GIVE AWAY** 2 BAGS A CAR We have 5,000 **Claim your free** First come, first served. 15kg BAGS compost at one of 10 EVENTS

of compost to give away

But don't queue before the event for safety reasons.

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# Waste disposal contracts

- April 2015 Procured new waste disposal contracts
- Removal of some recyclables from residual waste stream by the contractor
- Remaining residual waste now sent for incineration with energy recovery
- Local IVC used for organic waste
- Dry mixed recyclables to Biffa Aldridge
  - Majority of plastics reprocessed at in house recycling plant, or sent to UK and European markets





# Thank You

# Any questions? Sarah.Atkinson@EastRiding.gov.uk CAUTION: OPERATIVES MODELING AT REA

