

Food Waste Roundtable



Facilitator: Natasha Dix

Isle of Wight Council



Agenda

**10.00 Opening remarks: Matt Ellis,
APSE Acting Principal Advisor**

**10:00 Why is food waste now a
priority:**

Challenges of food waste collections

- Getting started
- Collection options
- Vehicles and fleet requirements
- Capture rates
- Container and caddy specifications

- *11:15 Comfort Break*

- **11:30 Treatment options and
impact on residual collections**

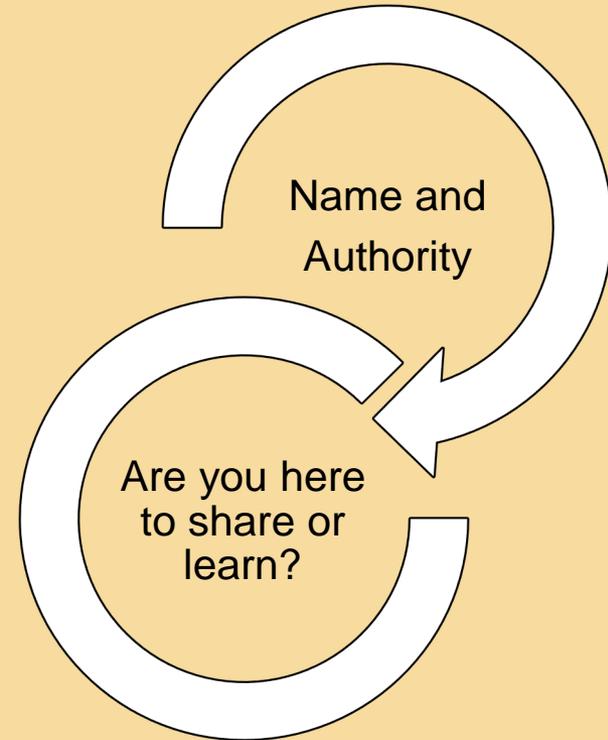
- Food waste treatment options
- Impact on cost of residual waste
- Maximising efficiencies

- **12:30 Communicating changes
to local residents**

- Local demographics
- Resident engagement campaigns



Welcome and Introductions



Challenges of food waste collections

Separate food waste collections are mandated under the Environment Act, which sets out that recyclable household waste must be collected separately from non-recyclable, with each stream collected separately from each other.

This is due to be implemented in with a deadline on April 2025, with exact timelines to be clarified

- Reduce/minimise impact on cost
 - Food banks
 - Community food share
 - Supermarkets
 - Home composting
- How much is out there?
- Composition?
- Fleet – co-collect or separate vehicles?
- Frequency?
- Containers?
- Cost Modelling – capital / revenue
- Fleet and container Procurement



Getting Started

- **Key Data sets to inform your decision**
 - Properties and population
 - Round size and staff start finish times
 - Socio-Demographics
 - Rural and narrow access
 - Flats & HMO's
 - Capital and revenue cost modelling
 - TEEP Considerations
- **Composition is key**
 - Volume of waste
 - How much will you need to collect?
 - Inform treatment contracts
 - Inform level and demographic of behavioural change

Our recycling week for example:
Main fleet (26t RVC)
7 x split body rear plus food pod
waste vehicle - avg 1000 properties
a day, 1 driver, 2 loaders - 8 hour
shift 36,000 properties per week

1 x rural recycling / narrow access
- avg 500 properties a day - 8 hour
shift
Repeated for Residual week on east
west split

What percentage of
General waste do
you think is food
waste?

Vehicle & Container Specifications

- Scoping to consider

- Spillage – sealed units
- Load Capacity of lifts (food waste is heavy)
- Volume anticipated between tips
- Side / rear loading safety
- Staff Hygiene
- Wildlife

- Fleet

- Separate fleet for food or food + garden
- When are current fleet due for renewal? (TEEP consideration)
- Twin Pack
- Kerbside Sort
- OnePass Vehicle with food pod (split rear and food pod)



Break Out - What are your 5 biggest challenges?

Food Waste Collectors

Lessons learnt
positive and negative

- clean stream is good
- Size of containers
- volume of food
- make changes at the same time
- visible bins!
- looking at you vehicle will help define the service you offer
- Long term treatment contract influence service

Food Waste Challenges

Getting Started

What do you need?

- Vehicles - procurement timeframes
- household participation
- balance and longevity
- Responses from defra – expense and need
- minimising waste to begin with
- Uncertainty is a real concern!!
- Best ways to engage
- Harmonising services
- Managing expectations
- National education campaign

Using your food caddy can make a real difference!



• Household

- Ick / Maggots / Smells
- Communal is hard
- It all goes to landfill

Use a communal bin store?

Help reduce food waste by using your communal food bin.



• Political

- What is the political feel
- What challenge is there



Perceptions



Hands up for Thoughts -

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Hands up for Thoughts -

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Summarising Key Point from the floor





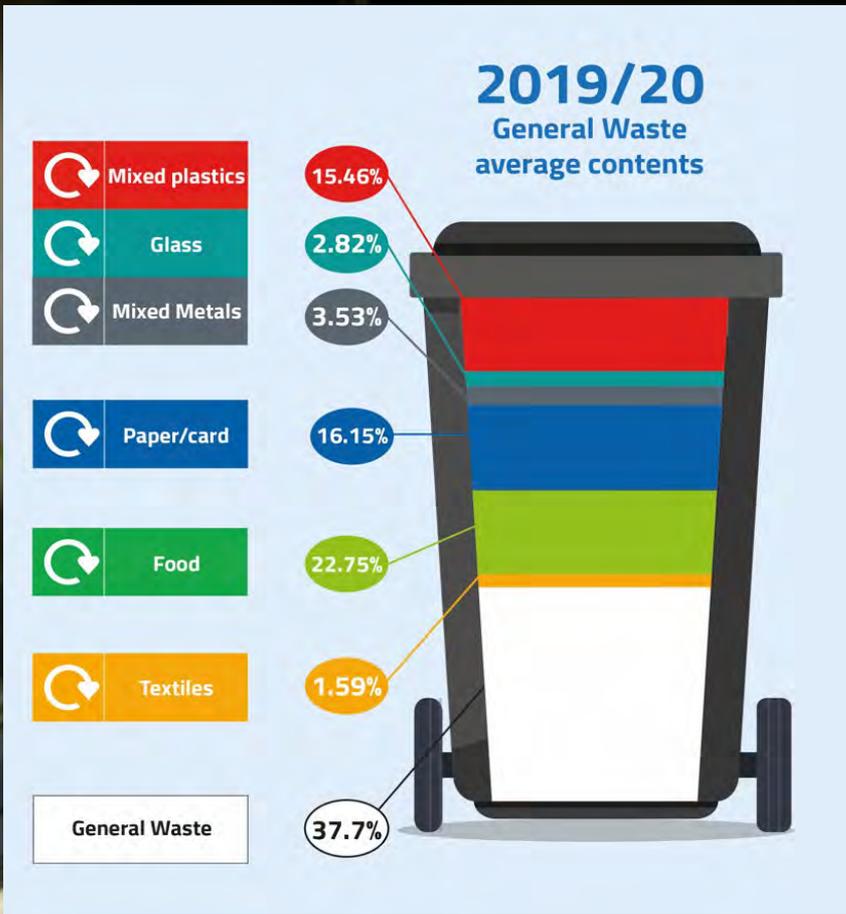
Break

See you in 15mins.....



Impact on residual collections, contamination and treatment options





Food Waste impacts



Common Contaminants



Food Waste Contamination

Common Contaminates

- Still packaged food
 - Bread ends in bags
 - Out of date unopened food
 - Carrier bags with scraps and scrapings
- Wipes – surface wipes
- Kitchen Towel and tissues
- Nappies
- Non-plastic wrappers
- Contaminated foil trays (take away)
- Hair
- Deceased Pets/Pests (snakes, gerbils, mice etc)



Is there treatment capacity?

- Direct deliver
- Bulk and transport

- AD
- IVC
- MBT

plants vary in waste acceptance criteria

Break Out - What are your 5 biggest challenges for treatment

Food Waste Treater

Lessons learnt
positive and negative

- different facilities allow different bagging/lining solutions which cause comms issues
- reducing the edible is key
- Excess food waste – more caddies or education?
- work with the local supermarkets on liners
- better communications
- more waste minimisation efforts
- Clarity on charging for mixed green/food -

risks

Food Waste Challenges Getting Started

What do you need?

- As a 2 tier we are waiting for county to make decisions
- Don't have any infrastructure – mbt doesn't cover food
- used to accept mixed in 2020 – was a in challenge to separate – big step to get a clean food stream
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Hands Up for Thoughts -

- more usable food thrown away than peels and bones – messaging on coms
- interesting hearing about slave bins and perceptions that it is residual
- we have co-mingles and goes in one rev found it quite useful to be clear when rolling out that videos are in place t demonstrate
- we are all awaiting clarity on consistency and the TEEP requirements
- Treatment shortfall will need to be addressed quickly along with accompanying infrastructure
- with EPR – how will be be funded
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Hands Up for Thoughts -

- Epr need to understand properly
- lead time for vehicle and procurement concerns – may need to have some leeway
- Home composting – can make a big difference
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Summarising Key Point from the floor





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