



# LARAC CONFERENCE CELEBRATION AWARDS

# 2023



# Welcome to the LARAC Conference 2023!





# LARAC

## CONFERENCE

### CELEBRATION AWARDS

2023



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**WELCOME AND OPENING ADDRESS**  
Cathy Cook, Chair, LARAC

# Cathy Cook – LARAC Chair

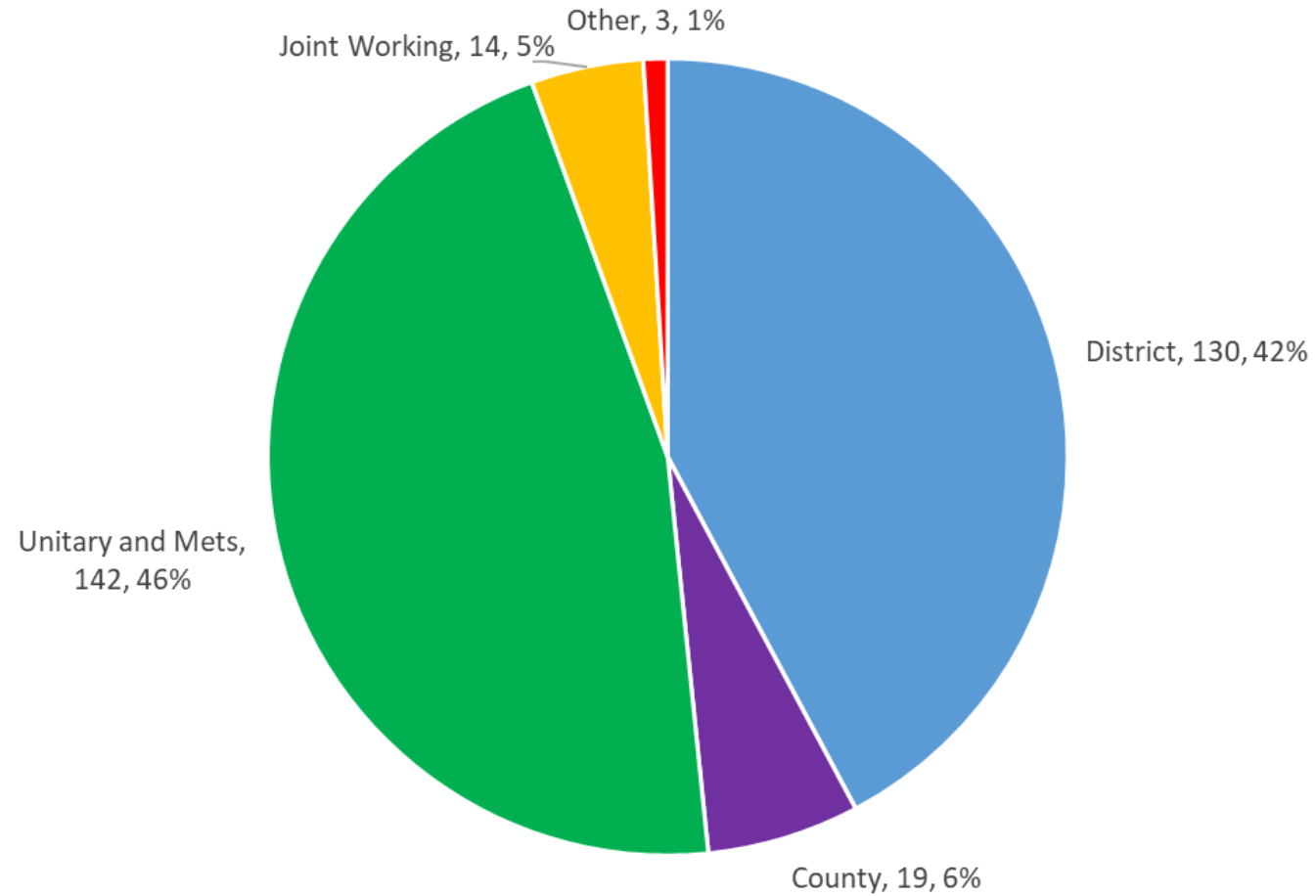
**Opening address**

**The leading voice for local  
authorities on recycling, waste  
and resource management**

## Who are LARAC?

- Formed in 1985
- Full membership open to any local authority in the UK
- Represents local authority views in waste and recycling issues
- Run by an Executive of 20 waste management officers who are employed by local authorities

### LARAC Members by Type Represented 25.09.23



## What does LARAC do for you?

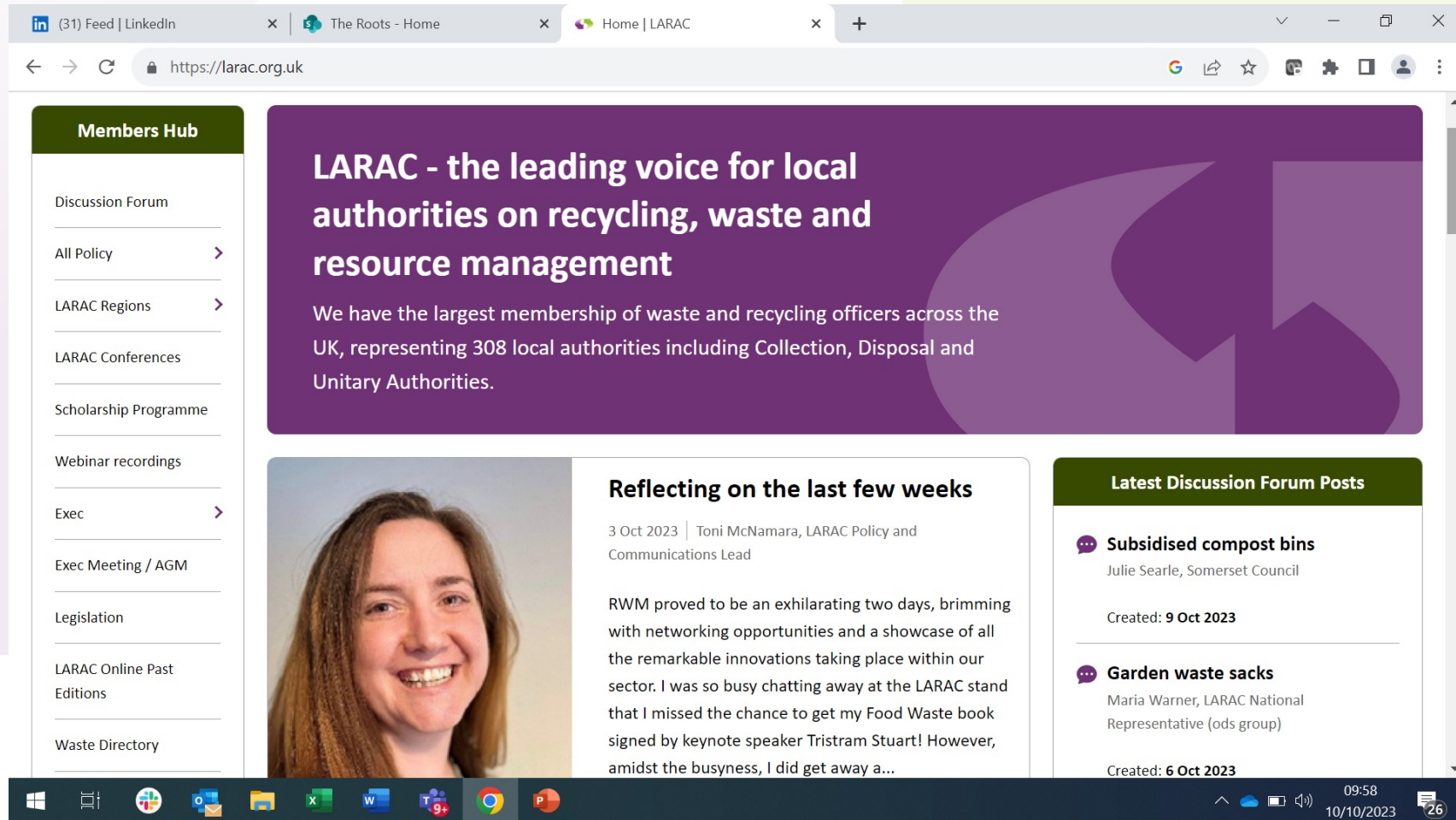
- Responds to Government consultations and prepares policy positions
- Represents members interests within the media
- Three major conferences per year – UK National, Scotland and Wales (plus NI in 2023)
- Provides regular webinars
- Provides a website and online discussion forum

## New website

- Launched September 2023
- Information on policy, current waste management news, regional activities and webinar recordings
- Discussion forum



# New website



The screenshot shows a web browser window with the URL <https://larac.org.uk>. The browser tabs include LinkedIn, The Roots - Home, and Home | LARAC. The website layout features a dark green sidebar on the left titled "Members Hub" with a list of navigation items: Discussion Forum, All Policy, LARAC Regions, LARAC Conferences, Scholarship Programme, Webinar recordings, Exec, Exec Meeting / AGM, Legislation, LARAC Online Past Editions, and Waste Directory. The main content area has a large purple banner with the text "LARAC - the leading voice for local authorities on recycling, waste and resource management" and a sub-headline "We have the largest membership of waste and recycling officers across the UK, representing 308 local authorities including Collection, Disposal and Unitary Authorities." Below the banner is a post titled "Reflecting on the last few weeks" by Toni McNamara, LARAC Policy and Communications Lead, dated 3 Oct 2023. The post text reads: "RWM proved to be an exhilarating two days, brimming with networking opportunities and a showcase of all the remarkable innovations taking place within our sector. I was so busy chatting away at the LARAC stand that I missed the chance to get my Food Waste book signed by keynote speaker Tristram Stuart! However, amidst the busyness, I did get away a...". To the right of the post is a section titled "Latest Discussion Forum Posts" with two entries: "Subsidised compost bins" by Julie Searle, Somerset Council, created on 9 Oct 2023, and "Garden waste sacks" by Maria Warner, LARAC National Representative (ods group), created on 6 Oct 2023. The Windows taskbar at the bottom shows the time as 09:58 on 10/10/2023.

# Discussion forum

in (31) Feed | LinkedIn | The Roots - Home | Discussion Forum | LARAC

<https://larac.org.uk/larac-forum?page=3>

**Discussion Forum**

- All Policy >
- LARAC Regions >
- LARAC Conferences
- Scholarship Programme
- Webinar recordings
- Exec >
- Exec Meeting / AGM
- Legislation
- LARAC Online Past Editions
- Waste Directory
- Comms Material Library

+ ADD NEW TOPIC

Category

- Any -

Keyword(s)

SEARCH

---

... **Diesel usage and storage (waste and street cleansing)** New

Andrew Chandler, London Borough of Sutton

Hi, At Sutton we are looking at refurbishing our depot and currently looking at the fueling requirements for the services. We have a short survey of 8 questions and would...

Last commented:  
**6 July 2023 - 09:40**  
2 comment(s)

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... **HWRC Options Appraisal** New

Eloise Attwood, LARAC East Midlands Rep

West Northamptonshire Council currently have 6 Household Waste Recycling Centres that are operated on behalf of the council via contracts. These contracts are due to end in March 2025 and...

Disposal, HWRCs

Last commented:  
**6 July 2023 - 09:35**  
2 comment(s)




**Are you ready to separate your food waste?**


With the Government's commitment to roll out separate household food waste collection across the country, YPO are working to assist Local Authorities to meet this challenge as much as possible with their operations, resources and fulfilment of their product and service requirements via a complete suite.

YPO's waste management frameworks have been designed to support Local Authorities on their journey to improve waste separation and reduce landfill emissions. Our frameworks include the supply of green wheeled bins and distribution to households of reusable, food waste caddies and other recycling products such as yellow bins, compostable bins, street wheeled bins and waste collection vehicles.

1013	Compostable Bins
1014	Plastic Wheeled Bins (including Distribution and Collection Services)
1015	Recycling Products
1016	Street Wheeled Bins
1017	Specialist Vehicles (Scales 1, 2 and 7)



Help consumers to recycle more!



Please ensure your Local Authority's kerbside collection and recycling bank information is up to date.

Update the locator here...



## Carbon savings

- Making the conference more carbon friendly
- 85.32kg carbon saved by not printing
- Travel will be calculated after the conference

[www.larac.org.uk](http://www.larac.org.uk)

[admin@larac.org.uk](mailto:admin@larac.org.uk)

@LARACspeaks



01982 382 650



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## **DEFRA ADDRESS**

Linda Crichton, Team Leader, Packaging  
Producer Responsibility, Defra



Department  
for Environment  
Food & Rural Affairs

# DEFRA Update

LARAC Annual Conference: October 2023

*Linda Crichton MBE: Team Leader, Packaging Producer  
Responsibility*



Forestry Commission  
England



Environment  
Agency

# Strategic Drivers for Resources & Waste



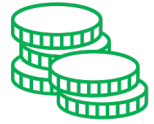
**Commitments embodied in:** [Maximising Resources, Minimising Waste](#) (2023), [Net Zero Growth Plan](#) (2023), [Environment Improvement Plan](#) (2023), [Net Zero Strategy](#) (2021), [Waste Management Plan for England](#) (2021), [Resources and Waste Strategy](#) (2018), [25 Year Environment Plan](#) (2018).



Environment Act 2021

**Environment Act 2021** provides the powers to deliver on these commitments.

# Collection and Packaging Reforms



**EPR for packaging:** producer fees have been deferred by 12-months and will commence from October 2025 (for local authority costs for 2025/26). Data reporting obligations remain unchanged; obligated producers are still required to report the packaging they use or supply from 2023



**DRS for drinks containers:** the scheme will remain on its current timetable and be implemented from 1 October 2025.



**Simpler Recycling for households:** will come in after the implementation of EPR.



# EPR for packaging

- **Consulting on the draft Regulations** (UK-wide) – closed 9<sup>th</sup> October
  - Starting to review the consultation responses
  - WTO/EU notification of the draft Regulations - Spring 2024 followed by DA consent
- **Engagement and participatory design activities** taking place throughout the Autumn on a range of topics
  - fees & payments
  - packaging Recyclability Assessment Tool
  - Scheme Administrator - functions
- Establishing a **Scheme Administrator steering group** as an interim forum to support the establishment and mobilisation of the SA
  - applications for producer members has just closed
  - 4 local authority representatives - one per nation
- Advertising for a **Head of the EPR** Scheme Administrator

# Simpler Recycling

## **Simpler Recycling:** for households will come in after implementation of EPR

- This relates to the date by which local authorities will be required to have implemented simpler recycling collections for all households.
- We know that further clarity on the requirements for Simpler Recycling is needed and we are working to publish the government response to the 2021 consultation as soon as possible.
- We still intend to consult local authorities on draft statutory guidance alongside the publication of the government response to the 2021 consultation.
- After this, we will bring in secondary legislation, including commencement regulations setting out in law the dates by which local authorities and other waste collectors must comply with the new requirements.
- We still intend to provide local authorities with new burdens funding for food waste collections

# What is a New Burden?

- Broadly, a New Burden is defined as any policy or initiative which increases the cost of providing local authority services. This includes duties, powers, or any other changes which may place an expectation on local authorities, including new guidance.
- The New Burdens Doctrine only applies where central government requires authorities to do something new or additional. Action to ensure that they adequately fulfil a role for which they are already funded is not a New Burden.
- If a department does not already have the money to fund a New Burden, then funding must be secured through a Spending Review (SR) bid to HMT.
- Funding can be provided in various ways, for example through Local Government Finance Settlement (LGFS) or section 31 grants.

# Food waste collection New Burden

- We will be funding three separate areas:
  - **Capital** transition costs
  - Resource **transition** costs
  - **Ongoing resource** costs
- **£295m** of capital funding will be allocated to support the purchase of bins and lorries. A funding formula is being developed for the release of this funding.
- We are currently estimating the funding required for resource costs. Elements of this will need to part of a bid to HMT at the next Spending Review.
- Funding will be provided through **section 31 grants**.

# Deposit Return Scheme for drinks containers

- Containers in scope of England, Northern Ireland & Wales DRS are:
  - **PET** plastic bottles
  - **Steel** and **aluminium** cans
  - (Wales only): Glass bottles
- Continuing to work with the devolved administrations to address **interoperability** issues and support successful DRS delivery across the UK
- Industry-led, not-for-profit central body will be appointed to run the scheme – **Deposit Management Organisation**
  - Ongoing engagement with industry to identify potential applicant
  - Design of DMO application template, guidance, application assessment/ approval process
- Aim is to have the Regulations in place in 2024 and to appoint a DMO after that.
- Scheme due to **go live on 1 October 2025**. Scotland is developing a separate scheme, due to go live at the same time

# Other activities on Defra's agenda..

- Call for Evidence issued on **near elimination of biodegradable waste disposal in landfill from 2028** to help our understanding of the scale of existing policies, drivers for the continued landfilling of biodegradable waste and the barriers to alternative treatment
- **Extended restrictions on the supply of single-use plastic** plates, bowls, trays), cutlery, balloon sticks and expanded and extruded polystyrene food and drink containers, including cups from 1 October 2023
- Will shortly publish our response to the consultation on reforming the waste **carriers, brokers and dealers** regime
- Moved into the build and delivery phase of **Waste Tracking** – aiming for parts of the service to be available for use on a voluntary basis next year
- Intend to consult before year end on the **Waste Electricals & Electronics (WEEE)** regulations; followed by a consultation on the **Batteries** regulations

# In summary

- We are making progress – with re-set plans in place
- The draft regulations that will implement the package of reforms are well developed
- Essential that we continue to work with and across the value chain to deliver the outcomes we want achieved
- Schemes will evolve and change over time - commitments made to keep under review
- Keep up to date and engaged by subscribing to the Resources & Waste Newsletter -  
<https://confirmsubscription.com/h/t/EBFF97EEADC3DECE>



Department  
for Environment  
Food & Rural Affairs

# Thank you



**Forestry Commission**  
England



**Environment**  
Agency





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*Do you think local  
authorities will receive  
their full net costs from  
EPR funding?*

*Green YES*

*Red NO*



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## **INDUSTRY KEYNOTE ADDRESS**

Chris Mills, Special Adviser for Collections  
and Recycling, WRAP

# Resources and Waste Strategy

## Next steps for collections

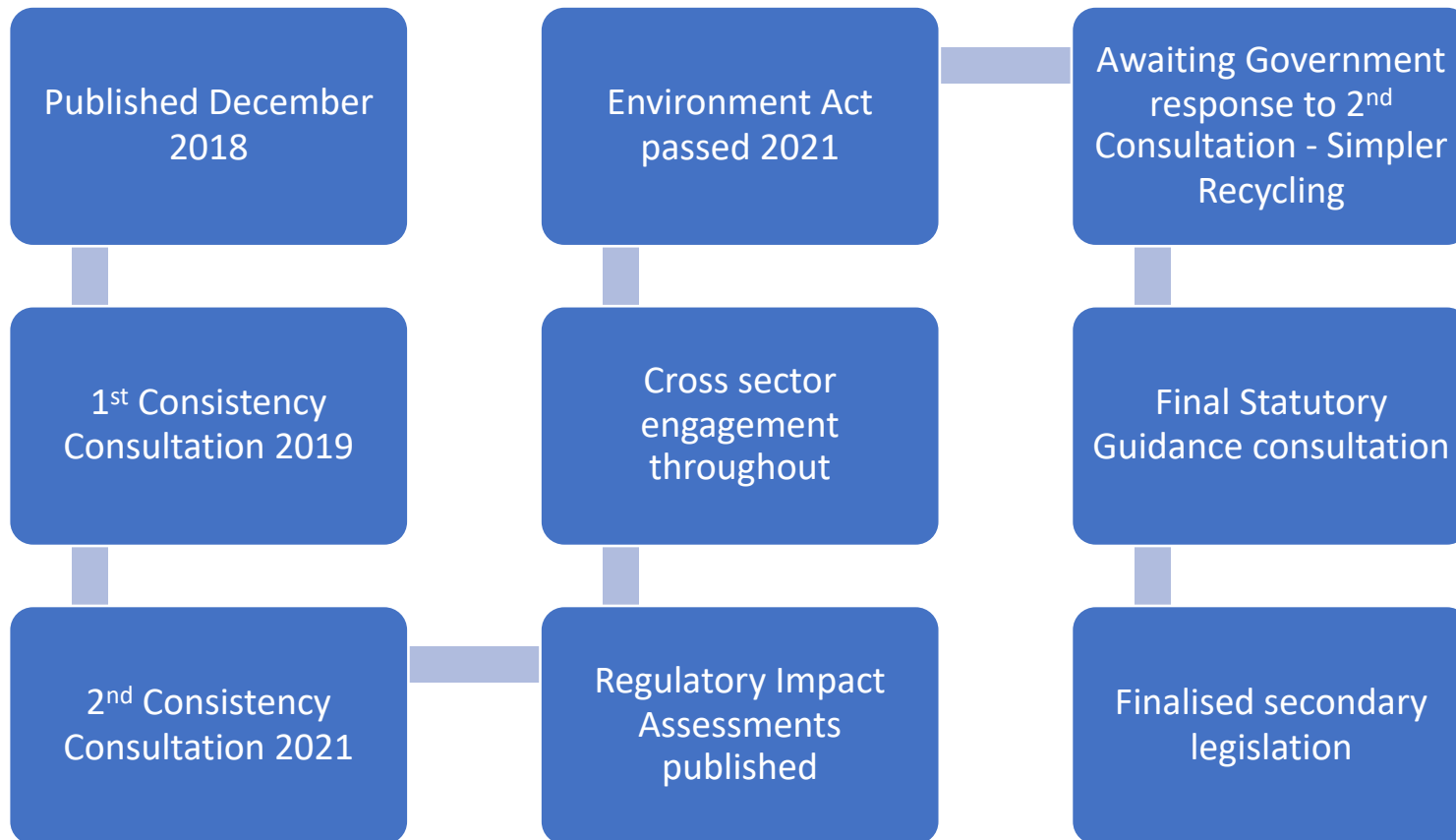


**Chris Mills**  
Programme Lead

The logo for 'wrap' is displayed in a dark blue, lowercase, sans-serif font. The letters are bold and modern. The logo is positioned on a teal-colored trapezoidal shape that tapers to the right. A thin vertical teal line runs parallel to the right edge of the slide, starting from the top of the 'wrap' logo area and extending upwards.

**wrap**

# Resources and Waste Strategy - England



**Household  
waste  
recycling**



**Business  
waste  
recycling**

**65%**

# Reform progress

- The Act requires Local Authorities to:
- Collect a core range of materials
- Weekly food waste
- Ensure that materials are sent for recycling
- Keep recyclables separate – written assessment

**& requirements on businesses to separate materials from residual**

- The Act gives the Secretary of State powers to set out further details in Statutory Guidance



## Environment Act 2021

CHAPTER 30

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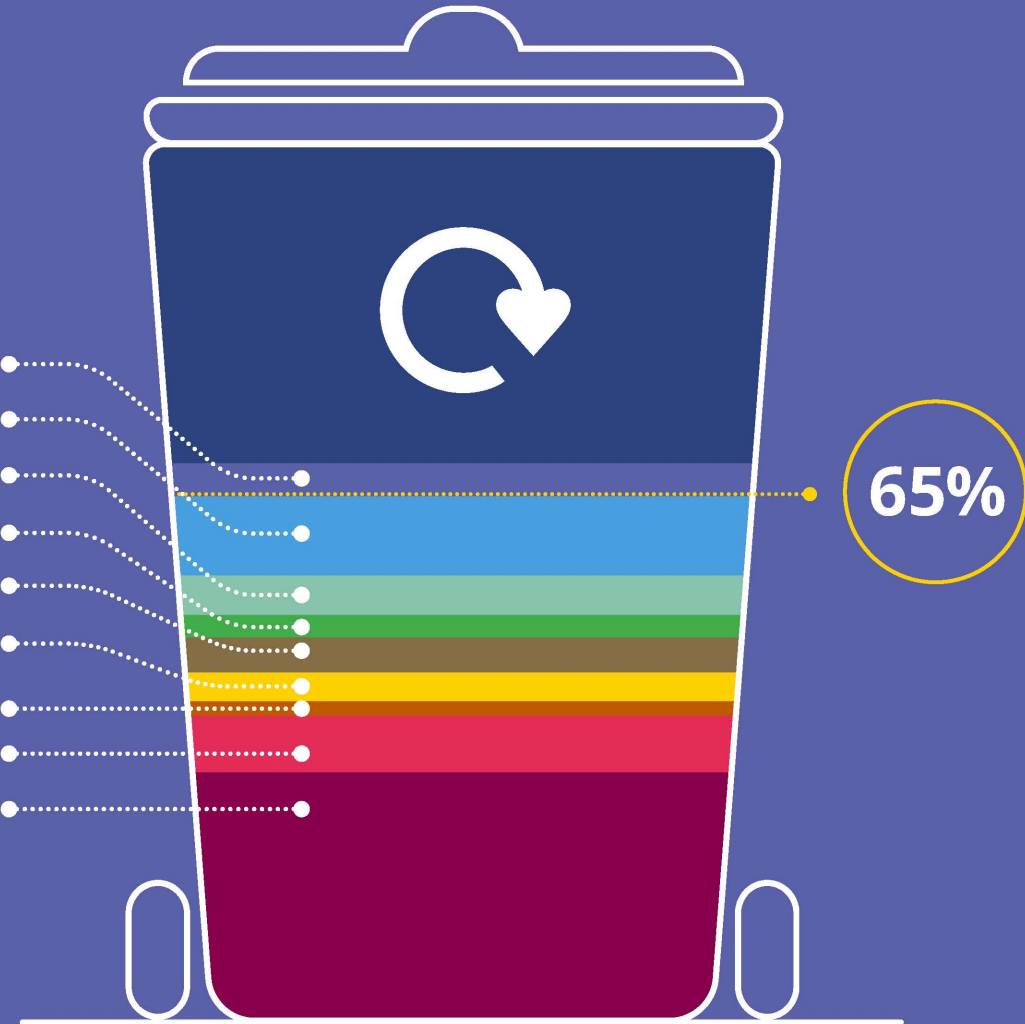
Explanatory Notes have been produced to assist in the understanding of this Act and are available separately

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£37.65

# Overall

Transport & Storage	1.4m Tonnes
Retail & Wholesale Non Grocery	4.2m Tonnes
Retail & Wholesale Grocery	2.0m Tonnes
Office (& other)	1.1m Tonnes
Hospitality	1.8m Tonnes
Health	1.5m Tonnes
Food Manufacturing	0.7m Tonnes
Education	2.9m Tonnes
Households	13m Tonnes



The calculation is worked out on recycling potential at an affordable cost.

# Factors affecting recycling performance


## 1. Contextual factors (deprivation, housing stock)

## 2. LA controlled factors:

- Residual capacity
- Garden waste
- Food waste collection
- Range of dry materials collected

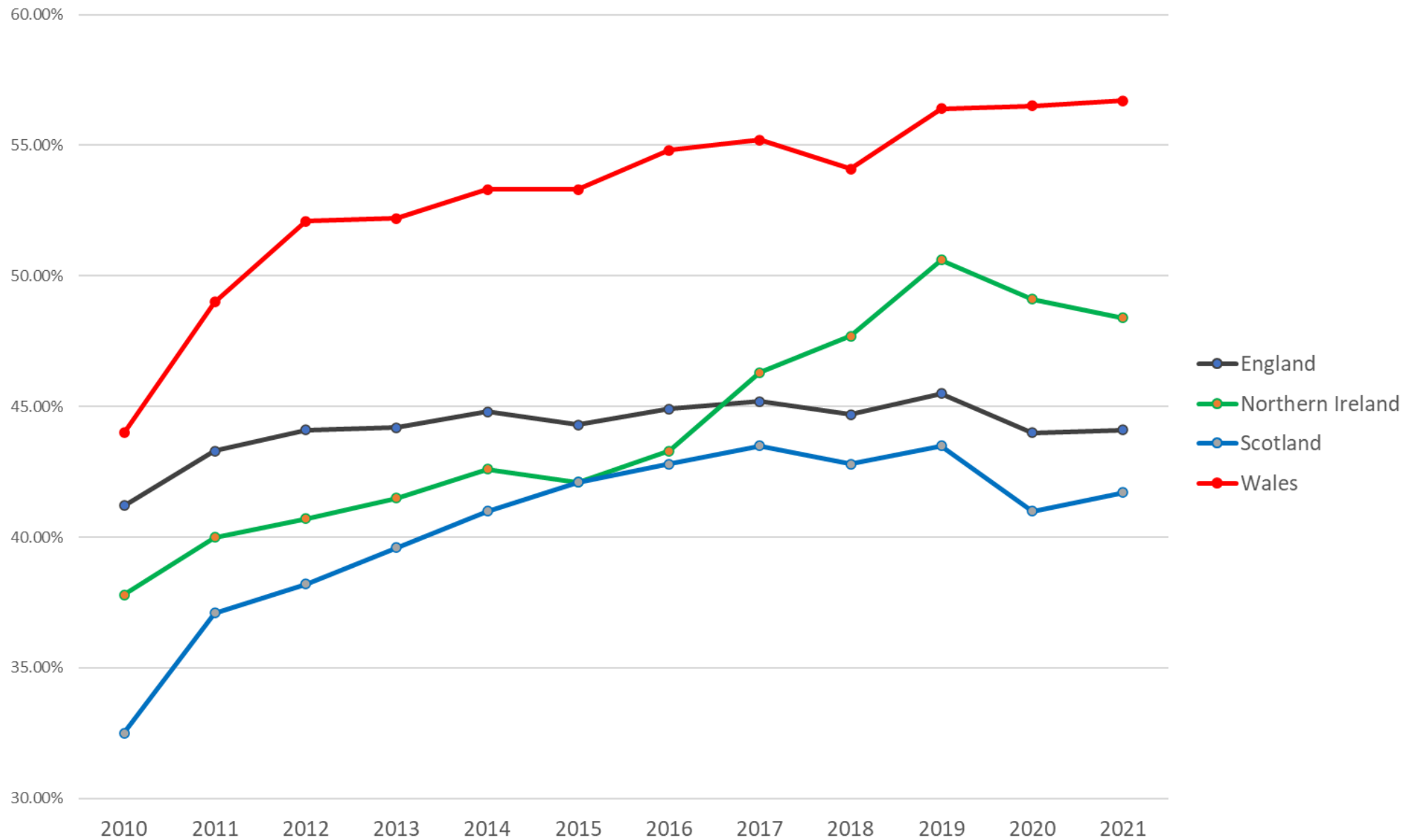
## 3. How schemes are implemented

Table 1: Factors that provided significant coefficients in model explaining variation in kerbside dry recycling performance

Factor	Relative explanatory power within model	Explanation
Level of deprivation	<b>Highest</b>  <b>Lowest</b>	Areas with higher levels of deprivation are associated with lower kerbside dry recycling performance. This is often due to more impoverished households being less able to prioritise participating in recycling activities. It may also reflect local authorities in more deprived areas having fewer resources to develop comprehensive kerbside recycling services.
Number of materials targeted for kerbside dry recycling		Fairly obviously, those authorities targeting a wider range of materials achieve higher kerbside dry recycling yields.
Refuse collection frequency		Areas with fortnightly refuse collections generally achieve significantly higher kerbside dry recycling yields. The restriction of residual waste capacity encourages householders to recycle more, especially when provided in combination with weekly recycling services.
Regional variations		There are some regional variations in kerbside recycling performance that cannot be explained by the other factors in the model, or by any other factors tested during this study. Therefore the reasons for these variations are not clear from the available data, but they appear to be genuine variations that significantly affect kerbside dry recycling yields.
Dry recycling weekly equivalent containment capacity		Local authorities which provide greater weekly equivalent containment capacity to householders for their dry recycling achieve higher dry recycling yields. Containment capacity is a combination of container volumes and collection frequency <sup>7</sup> .



# UK recycling rates (WfHH)



# Waste & Recycling Information for Local Authorities

WRAP's LA Portal provides access to data on local authority recycling and waste schemes in the UK, including performance benchmarks for kerbside dry recycling and residual collections.

Returning user?

[Log in](#)

Don't have an account?


[Register for free](#)



wrap LA Portal Kerbside costing

## Kerbside Costing

Use modelled data to see the indicative costs for collection schemes.



Currently this tool presents modelled kerbside collection costs for local authorities in England. The tool can still be used by authorities in other UK nations. However, costs may vary according to localised differences in collections. [About the data](#)

- Introduction** → Learn more about this tool and how it can be utilised.
- Compare Scenarios** → Browse the costs and performance of modelled collection schemes.
- About the data** → Learn about the data used in the modelling.


Privacy Policy Cookies Policy Terms & Conditions Contact Developer Documentation

<https://laportal.wrap.org.uk/>

### Performance Report Southend-on-Sea Borough Council

Total yield Percentage

**Total Recycled 26,277 tonnes**  
Annual yield from Dry Recycling, Food Waste, and Garden Waste.



- Dry Recycling: 15,800 tonnes
- Residual Waste: 33,006 tonnes
- Food Waste: 3,999 tonnes
- Garden Waste: 6,477 tonnes

#### Ranked Performance

Dry Recycling Food Waste Recycling Residual Waste

- Compared with LAs across the UK this LA is in the **Top 50%**
- Compared with LAs in the same region this LA is in the **Bottom 50%**
- Compared with LAs Predominantly urban, mid deprivation this LA is in the **Top 75%**
- Compared with LAs with a similar population this LA is in the **Top 75%**

**WRAP LA Portal** covers scheme profiles, statistics and performance values

- Updated scheme statistics
- Updated kerbside collection cost benchmarks

This year to add:

- Flatted property estimates (yield/cost)
- Non-Binding Performance Indicators

### Scenarios Rurality 5 - Mixed urban/rural, mid deprivation

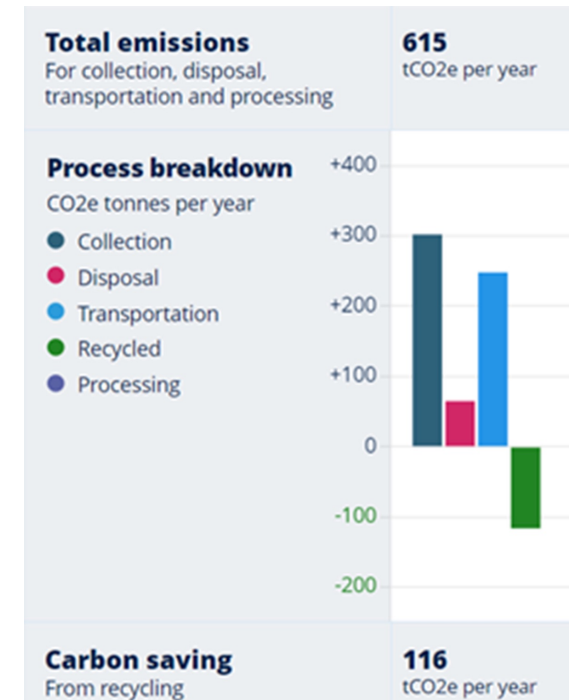
Change Rurality

Compare the net annual cost per household

Scenario	Net Annual Cost per Household
Scenario 113	£92.07
Scenario 284	£92.55
Scenario 14	£98.25
Scenario 275	£98.88
Scenario 154	£99.71
Scenario 5	£104.26
Scenario 131	£104.54
Scenario 119	£104.78

# Environmental impacts

- Considerable emissions savings from RWS – outlined in the Regulatory Impact Assessments
- Benefits dependent on getting more material into closed loop recycling and achieving high capture
- Low impacts from transportation
- Process loss often underestimated



# Food waste collection

- Large scale qual/quant research on what works
- Deprivation and residual correlations with performance
- “We don’t produce any...”
- Citizens’ concerns addressed by liner supply and frequent collections
- Cost and productivity assessments

**Reasons to recycle your food**

**Q** Why recycle food waste?  
**A** Recycling your food waste is better for the environment. rotting food in landfill generates methane, a greenhouse gas that is 25 times more potent than carbon dioxide and contributes to global warming and climate change. Food waste that ends up in the general rubbish, instead of your food recycling bin, is sent to landfill. The cost of sending food waste to landfill is increasing, so by recycling your food you will help the Council and its residents save money too.

**Q** How is my food waste recycled?  
**A** Your food waste can be turned into something useful. If you recycle it, the food waste is taken to a special processing plant [insert location of processing plant] where it is used to generate electricity and to produce a safe compost material which is used on local farms [insert local information where possible].

**Q** How can I waste less food?  
**A** For tips and recipes to help you waste less food and save money, visit [lovefoodhatewaste.com](http://lovefoodhatewaste.com)

**Food recycling**  
It really does make a difference

Free caddy liners!

**LOVE FOOD hate waste**

**recycle**

[space for local authority or partner logo]

For more information contact us  
Visit [insert website address]  
Call [insert contact number]  
Email [insert contact number]

Thank you for recycling.  
Last year households recycled almost 3,000 tonnes of food waste.  
Let's work together to recycle even more!



**No food waste please**

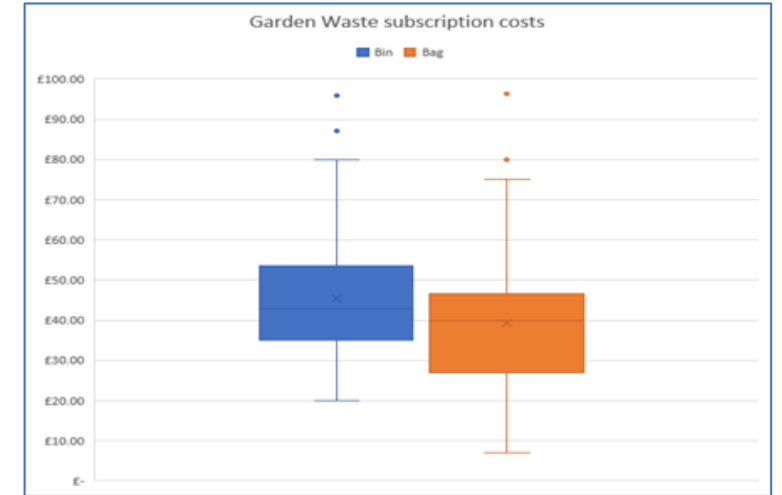
**Please use your food recycling bin**

**recycle**

[space for local authority or partner logo]

# Garden Waste

- **Garden waste is the single largest material collected for recycling by Local Authorities**
- **Act 21 requires all Councils to offer at kerbside**
- **Unclear on ability to charge – Govt Response**
- **Limited guidance on charging mechanism**
- **Priority is to minimize and stop ingress to residual streams**



# Addressing bottlenecks in the supply chain

- Dialogue with manufacturers since 2019
- Range of interventions being looked at
- Aim to speed production capacity
- New specifications co-designed and approved by Industry
- Aim to minimize delays in Procurement
- Engagement with all Procurement Hubs
- New Procurement Guidance for Councils



The image shows the cover and contents page of a document. The cover page features the WRAP logo, the title 'SPECIFICATION OF SPECIALIST FOOD WASTE COLLECTION VEHICLES', and the subtitle 'Standardised design specification'. A large 'DRAFT' watermark is visible across the cover. The contents page lists various sections and their corresponding page numbers.

Contents	
1.0 Base Specification	3
1.1 Chassis	3
1.2 Engine	3
1.3 Transmission	3
1.4 Ergonomic Cab	3
1.5 Body	3
1.6 Additional Items	4
1.7 Maintenance	5
1.8 Ease of Operation	5
1.9 Warranty	5
1.10 Environment	5
1.11 Painting	6
1.12 Lettering and Signage	6
1.13 Conspicuity	6
1.14 Lifting Equipment	6

Publication Date: Draft Version 6 - To be Issued      Project code: PSE300-002

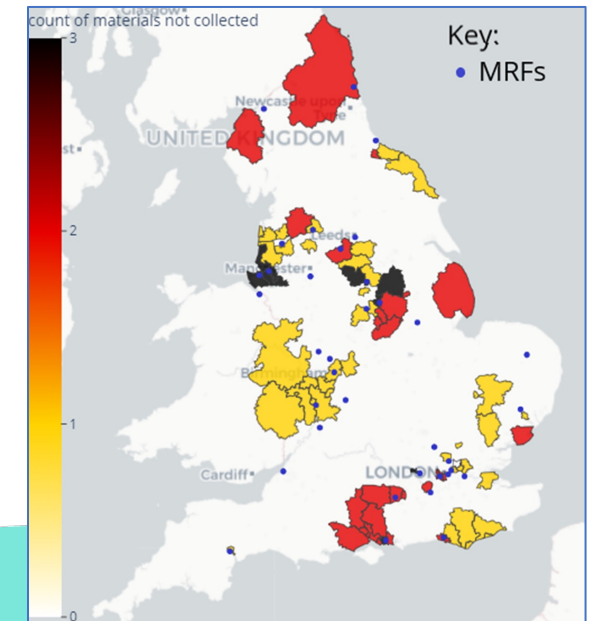
# MRF Readiness

- Around 1/3 of MRFs not accepting the proposed core materials
- Transitional costs needed
- No register of kit in MRFs to determine baseline
- Potential bottlenecks with suppliers to refit MRFs



## Key activities have included:

1. Survey all MRFs in scope (29)
2. Surveying all the LAs feeding material into those same MRFs
3. Surveying equipment suppliers
4. Interview MRF operators
5. Develop interventions with stakeholders








# Organics Roadmap

- 2021 WRAP alongside key stakeholders developed the Organics Roadmap.
- Proposals in the Resources and Waste Strategy will require future growth in the organic reprocessing sector
- 38 actions owned by stakeholders
- Early 2023 review found 6 complete and 18 in progress
- WRAP to pick up and help with progress

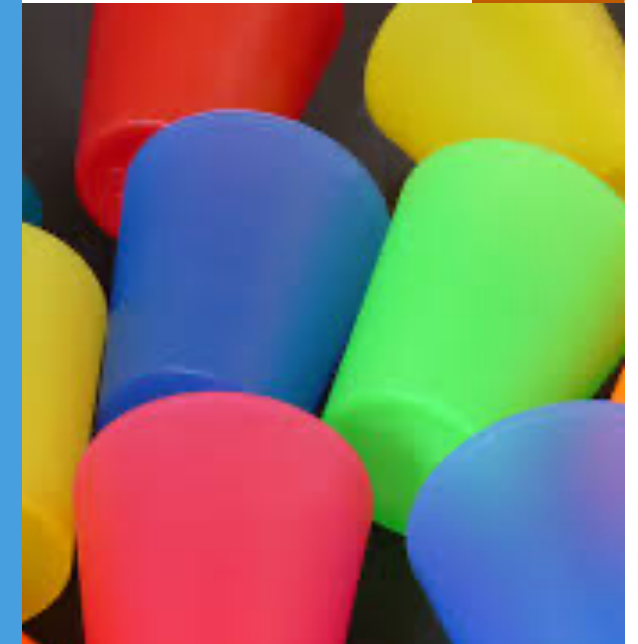


**These challenges can be summarized as:**

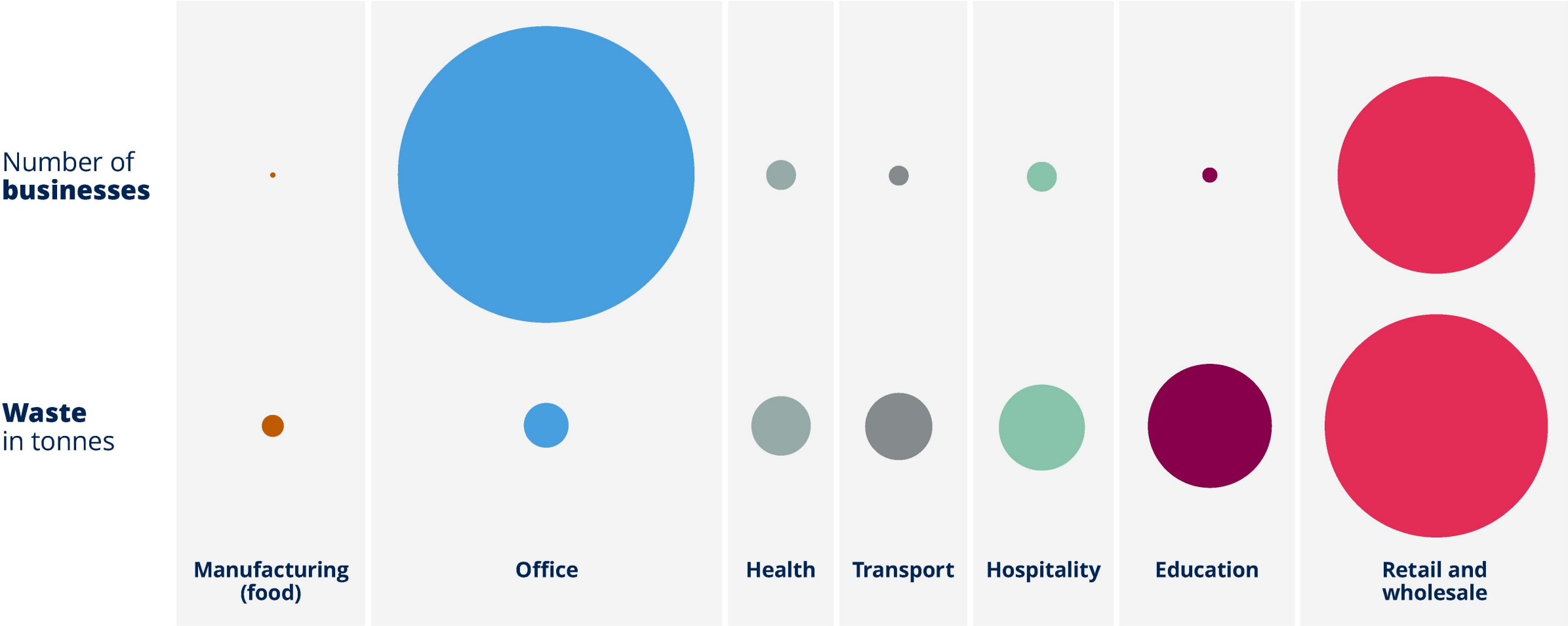
	<b>1. The absolute need for quality – quality inputs, quality operations and quality outputs.</b>
	<b>2. The need to reduce emissions of ammonia from the generation, spreading and use of digestates from AD.</b>
	<b>3. The need to fully value the products the organic sector produces.</b>

# Non-Statutory Guidance

- Non-statutory guidance tends to be shorter and more accessible than other guidance.
- The guidance is 'non-statutory' in the sense that it is not provided for in legislation.
- Could cover a wide range of materials and systems
- WRAP to work with networks to design scope of NSG and input useful content



# Wider scope of the RWS

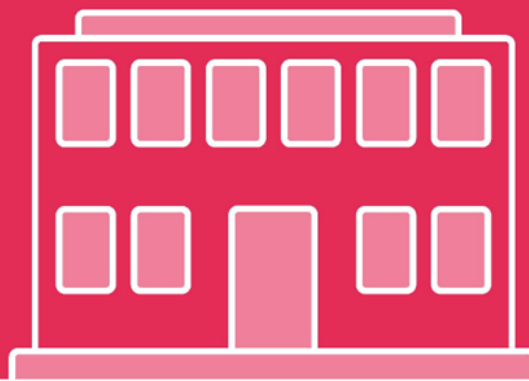


# Affecting businesses differently

£+



£+/-



£-



# Support to businesses

- Business of Recycling website
- New tools, guidance, and resources
- Piloted 'business support model'
- Direct support to businesses
- Evaluate, amend, re-test

## 5-step guidance:

1. Why your business needs to recycle
2. Know your waste
3. Calculating savings and costs
4. Setting up your collection
5. Review and improve



Business  
Waste  
Calculator

Case Studies

Comms  
Resources



# Local Authority Support

Technical guidance and communications resources including guidance on food waste collections and service change implementation [wrap.org.uk/sectors/local-authorities](https://wrap.org.uk/sectors/local-authorities)

Local Authority webinar programme

Free and impartial support available to individual or groups of local authorities this financial year – get in quick!

[la.support@wrap.org.uk](mailto:la.support@wrap.org.uk)

Keep informed by signing up to our monthly newsletter

## Benchmarking



wrap

HAMPSHIRE  
COLLECTION OPTIONS  
MODELLING

June 2023



# Summary

A lot still to do to realise the benefits set out in the RWS

Work underway to help with sector readiness

Further collaboration in transition phase

Evidence, data and support essential in implementing the reforms



[www.wrap.org.uk](http://www.wrap.org.uk)



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*Do you think councils  
should be able to  
continue to choose the  
frequency of residual  
waste collections ?*

*Green YES*

*Red NO*





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## 2023



## Q&A

Join the conversation on  
the app, and ask questions  
from your phone

**#LARACUK**

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Green Power



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then search for "LARAC  
UK" once downloaded



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# TEA, COFFEE & NETWORKING



# LARAC

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# 2023



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**EXTENDER PRODUCER RESPONSIBILITY**  
Margaret Bates, Managing Director, OPRL



# EPR – Extended Producer Responsibility

Margaret Bates

 [www.oprl.org.uk](http://www.oprl.org.uk)



# OPRL – What we do

- Simple and consistent Recycle and Refill Labels
- Recycling Labels are based on collections, recyclability and end-markets
- Widely used and recognised labels
- Tools and membership support when you need it
- Collaboration and knowledge share
- Additional products and services



# Our labels



## Recycle

Used when:

1. More than 75% of UK councils collect for recycling
2. Industry guidance shows infrastructure sorts and processes for recycling
3. Material is sold on as recyclate



## Do Not Recycle

Used when fewer than 50% of UK councils collect for recycling or more than 50% of councils collect but industry guidance shows infrastructure cannot sort or no viable market exist for recyclate



# Additional labels



## Specialist\*

Used for a small number of materials which may not always be collected through household recycling collections



## Refill

Used for a small number of materials which may not always be collected through household recycling collections



## Multi Component

Used for a small number of materials which may not always be collected through household recycling collections



## UK Only

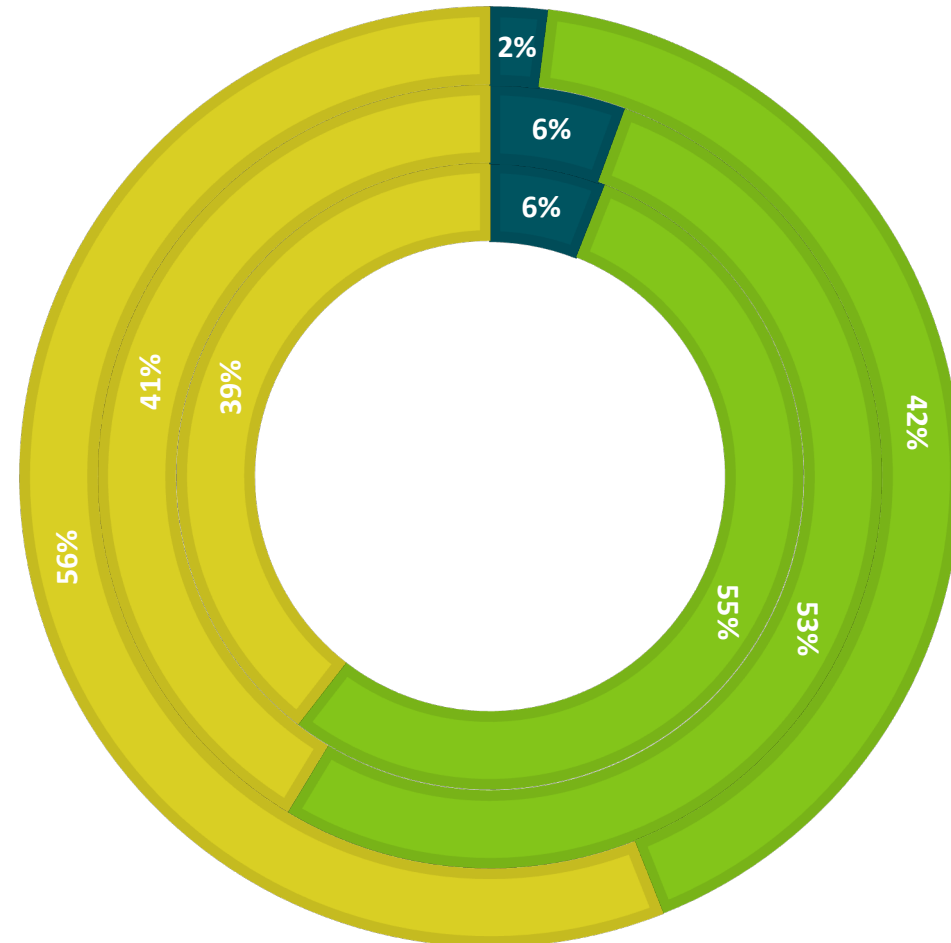
Used for a small number of materials which may not always be collected through household recycling collections

A circular logo with a green-to-yellow gradient border. The letters "OPRL" are centered in a dark green font.

OPRL

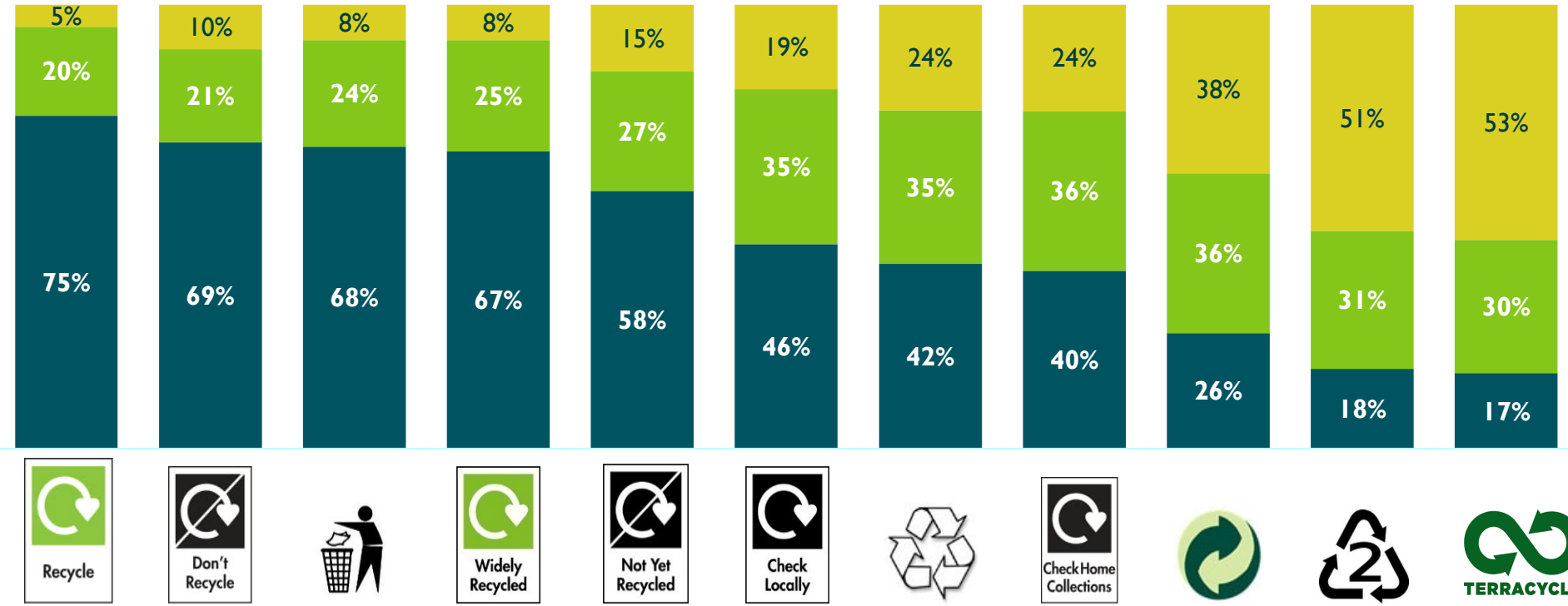
# Research - Confidence in Recycling

- I'm not very confident at all
- I know the basics of what can/can't be recycled, but there are things I'm unsure about
- I feel very confident about what I can and can't recycle





# High levels of consumer confidence

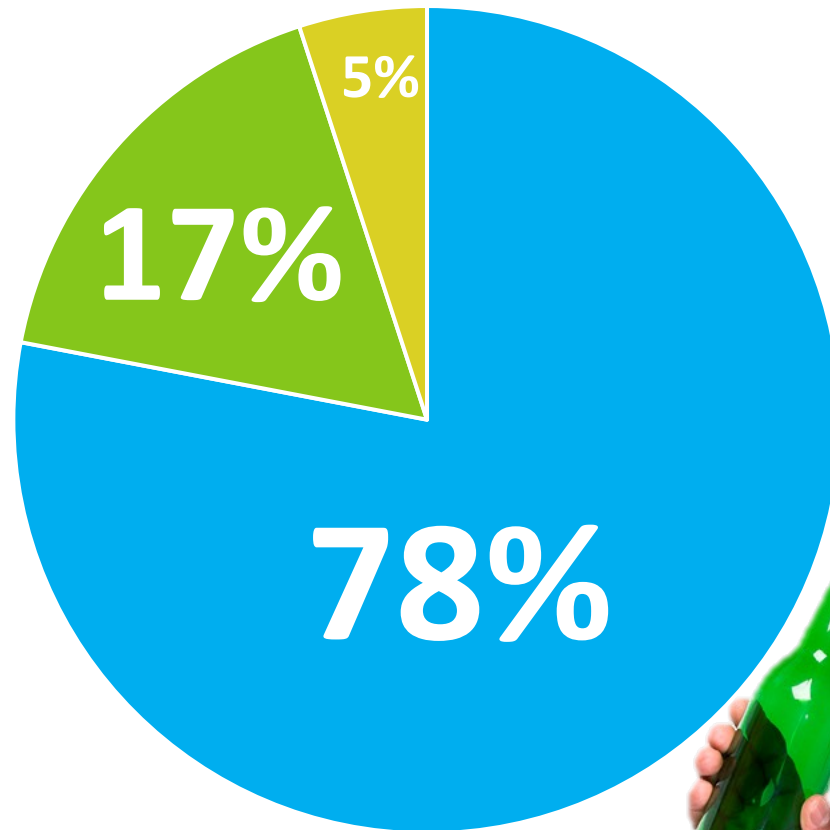


■ I am very certain what this label means  
■ I think I know what this label means but I'm not certain  
■ I'm not sure what this label means

OPRL labels continue to be the most widely understood

# Do you believe that packaging should have a recycling label on it?

- Yes, I believe that every type of packaging should have a recycling label on it
- Yes, I believe that some packaging should have recycling labels on it
- No, I don't think packaging needs to have a recycling label on it



**95%**

of consumers believe that packaging should have recycling labels on it.



# Is EPR coming soon enough?

**59%**

of consumers don't think EPR is coming soon enough

Yes I believe that is soon enough, 27%

No, I don't believe that is soon enough, 59%

I don't have an opinion on it, 14%



# Why do we need labels?

- Recycling is an everyday activity.
- Our labels are widely recognised and acted on by consumers.
- **But**, we are still confused.
- WRAP Recycling Tracker (Oct 22) found 83% of respondents were recycling materials that weren't included in their collections.
- And over half miss an opportunity to recycle an item from home.



# EPR and labelling

- Primary and shipment will be required to label packaging using the Recycle Now mark and relevant wording (Recycle/Do Not Recycle)
- Producers could choose to subscribe to a labelling scheme and use the services provided by that scheme
- Brand owners and importers will be required to label their packaging
- Distributors (of unfilled plain packaging) will be required provide packaging recyclability information to the small businesses they supply
  - Some flexibility as to how the users provide that recyclability information to consumers
- All packaging types (except for plastic films and flexibles) will be required to be labelled by 31 March 2026/\*\*. Plastic films and flexibles by 31 March 2027/\*\*



# EPR & Labelling

- All compostable and biodegradable packaging will be required to be given 'Do Not Recycle' label

## **Regulations** will state:

- Requirement to assess packaging to determine its recyclability
- Minimum size requirements which will align with nutrition labelling
- Wording i.e. Recycle / Do Not Recycle

## **Guidance**

- Colour
- Multi-component
- Additional information (calls to action)




# Key labelling proposals in the draft regulations

- The label must contain the RN swoosh, and the words 'Recycle' or 'Do Not Recycle', as the OPRL labels do.
- The size requirements for the label vary depending on whether the largest surface of the packaging is above or below 80 square cm
- Where there is more than one component, the labels can be on outer/main component or on each component
- Labelling does not apply to any packaging where the surface area of the largest surface of packaging is less than 25 square centimetres
- Labelling schemes will probably be subject to SA approval or UKAS accreditation.



# Key labelling proposals in the draft regulations (cont..)

- Recycling information applies to medical and veterinary packaging but can be on leaflet or electronically
  - Unbranded unfilled packaging needs to carry labelling information but does not need to be on pack
  - Recyclability assessments need to be saved for at least 7 years and produced on demand
  - OPSS will be the labelling authority responsible for monitoring and enforcement, with ability to issue civil sanctions inc. financial
  - If a producer is unwilling or unable to provide sufficient information, then packaging will be deemed as worst in class, and charged as such.
- 



# Key labelling proposals in the draft regulations (cont..)

Factors taken into account in determining the environmental sustainability of household packaging (one or more):

- (a) whether the packaging is reusable;
- (b) the extent to which the packaging is reused;
- (c) the recyclability of the packaging;
- (d) the environmental impact of creating the packaging;
- (e) the environmental impact of the packaging when it becomes waste;
- (f) the environmental implications of any adjustment proposed to the disposal fee for a packaging category



# Off setting / Take back



## Draft Regulation

(a) the recycled material does not consist of—  
(i) drink containers,  
(ii) exempt packaging, or  
(iii) items which are collected from households for recycling by more than 75% of relevant authorities, unless the item concerned is reusable packaging which has become waste;  
(b) *The producer* has evidence that the recycled material has been recycled.

## OPRL Requirement

1. Be accessible to at least 75% of UK population
2. Not conflict with Local Authority kerbside collections
3. Not be restricted to one brand or product.
4. Not require a purchase to be made before an item can be recycled
5. Have full transparency that the collected material is recycled



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*Do you think the EPR will  
go live by 2025?*

*Green YES*

*Red NO*



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**DEPOSIT RETURN SCHEMES**  
Simon Baddley, Major Projects  
Director, Biffa

# UK Deposit Return Schemes

An overview

**Simon Baddeley**  
Major Projects Director

Agenda:

Learning from Scotland  
UK perspective  
Impact on the Local Authority  
community

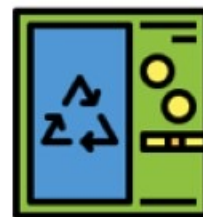


## Operational Overview



RPO

Registration Open with CSL



3

Collection Systems



10

Operational sites



27,500

Collection sites



10k

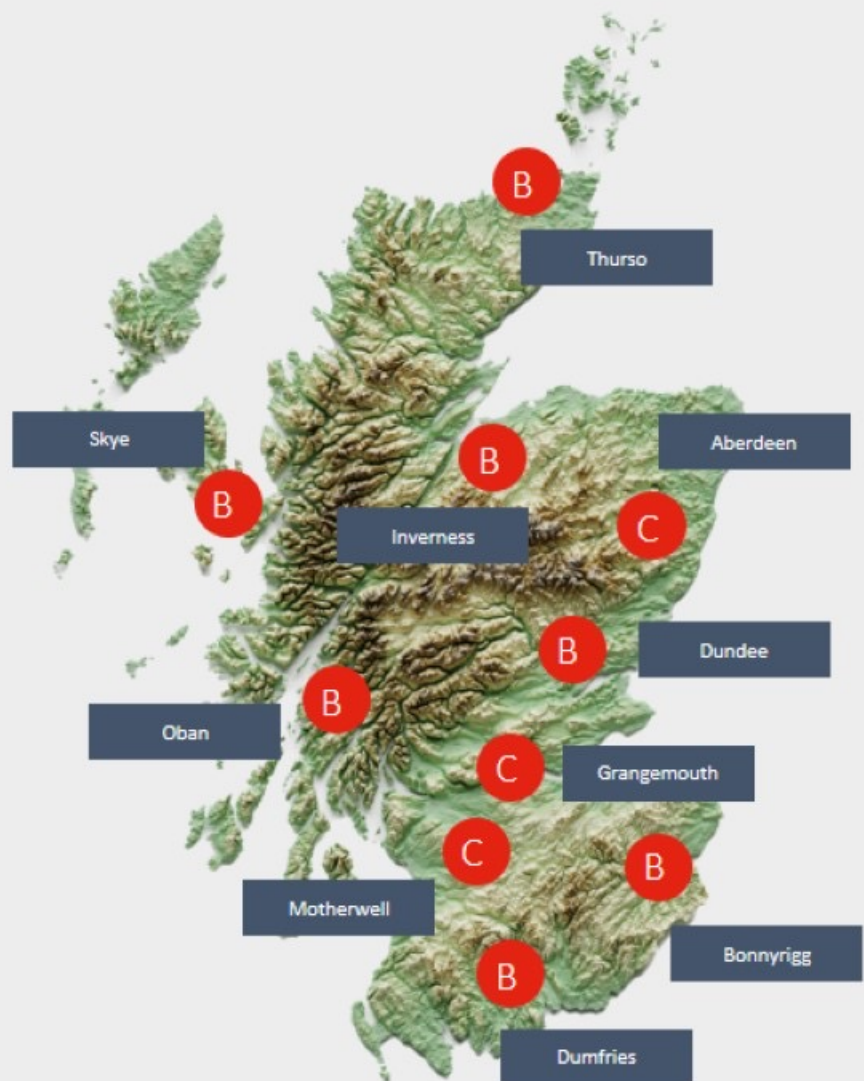
Daily Collections



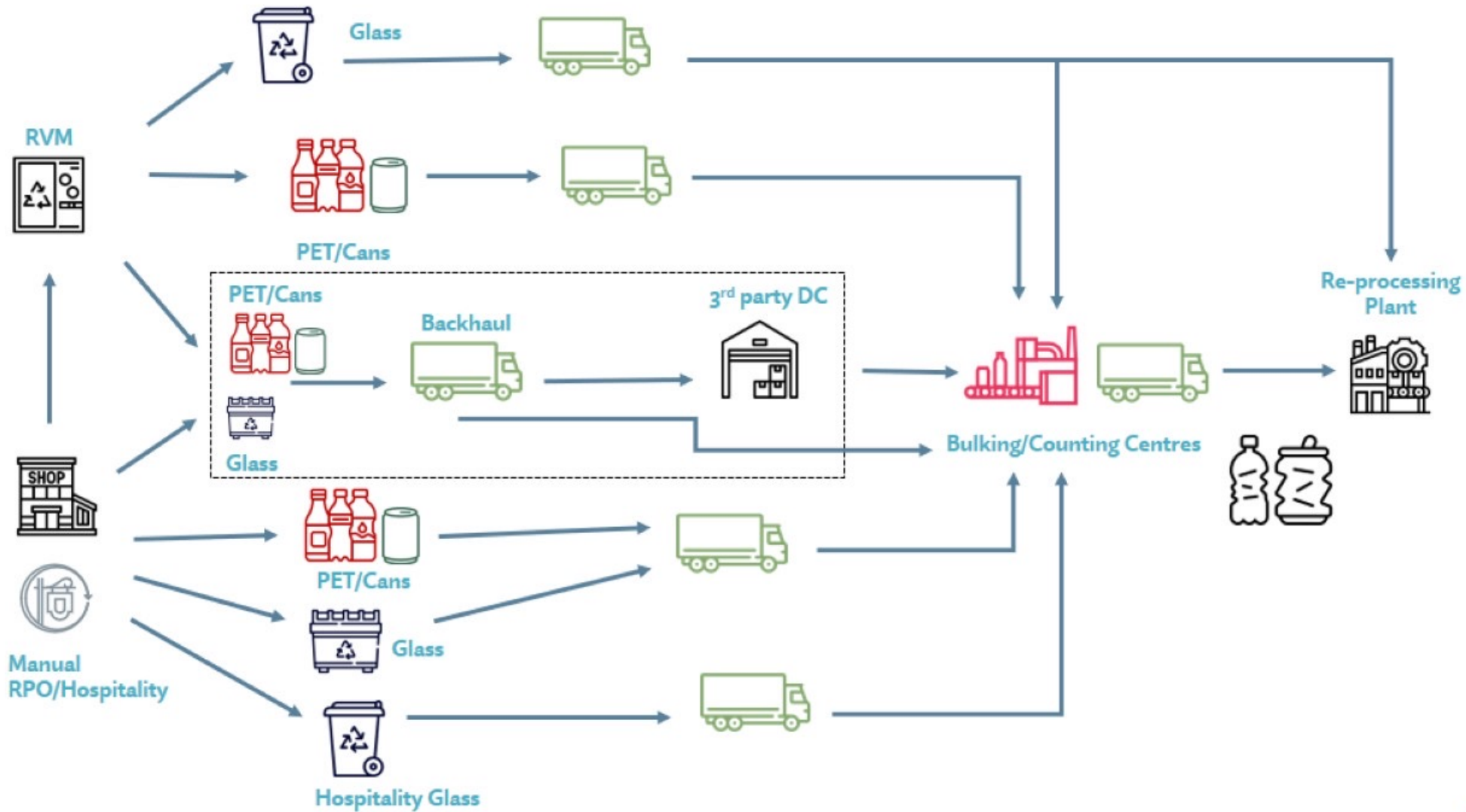
2.4 billion

Containers already registered

# DRS Scotland preparation



# Collection Mode – RVM/Manual/Closed Loop

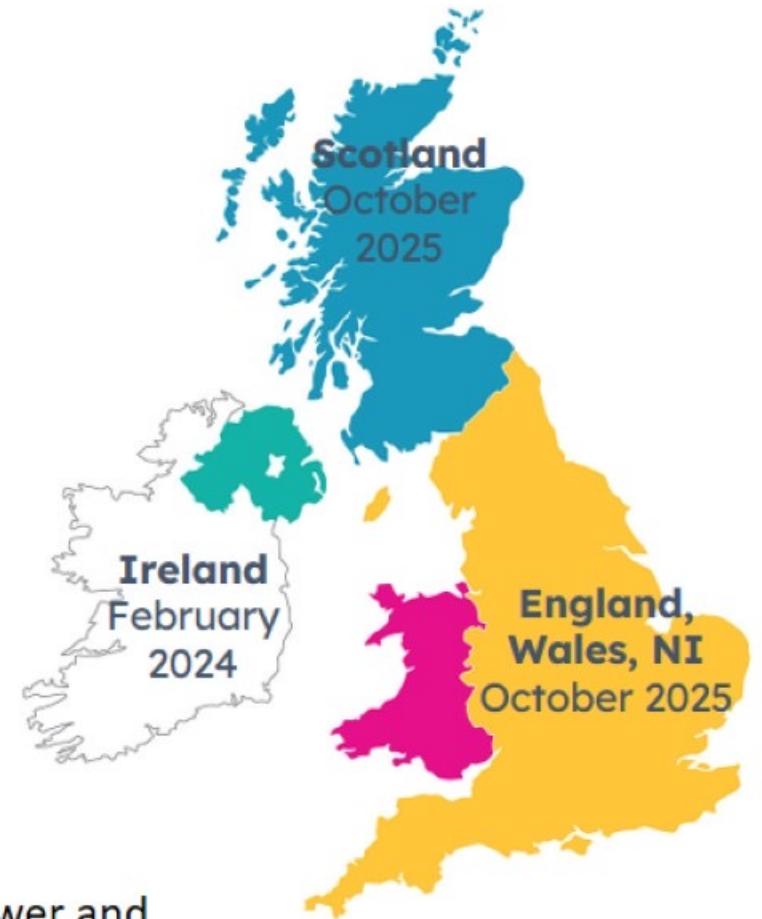




# UK Landscape for DRS



				
All in 50ml to 3L	✓	✓	✓	✓
PET	✓	✓	✓	✓
Cans	✓	✓	✓	✓
Glass	?	✗	✓	✗
Deposit Value		TBC	TBC	TBC
Start Date	1 <sup>st</sup> October 2025	1 <sup>st</sup> October 2025	1 <sup>st</sup> October 2025	1 <sup>st</sup> October 2025



Trials have started: Digital DRS in Brecon, Polytag Trial in NE with Ocado and Bower and Glass bottle reuse with Again

# Impact assessment – illustration



PET and Aluminium will all come out of recycling stream

Compositional analysis suggests c4% aluminium and 2% PET in the black bag stream

Assuming England hold position not to include glass in DRS

If Kerbside sort: around 50% of plastic and can compartment in RRV will be empty; card will be the compartment to fill first

Twin-stream services likely to be out of balance with non-fibre stream now largely glass and other lower value recyclates

Residual collections c20,000 tonnes per annum

Recycling 30,000 tonnes per annum

Commodity value loss: c£0.75m

Gate fee changes / new MRF deals?

Potential impact to recycling rate c1% drop

Potential recovery to recycling rate with residual diversion – 1% improvement

PET Plastic in recycling: 100 tonnes

Aluminium in recycling: 150 tonnes

# Local Authorities



- **Partnership Opportunities** - Offered all Local Authorities to undertake collections for DRS through partnership with Biffa
- **Collection Configuration** – Using our Impact assessment Model, we can illustrate the impact to current collection systems with DRS being implemented
- **Shared / Voluntary RVMs** - Discussion around voluntary or shared RVMs for use. Permits and Planning within LA area and opportunity for RVMs at HWRCs
- Support for local business and communities

**Thank you**



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*Do you think DRS will go  
live by 2025?*

*Green YES*

*Red NO*



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## **PLASTIC FILM – CONSISTENCY**

Gareth Morton, Discovery Manager –  
Operations, Flexible Plastic Fund

# LARAC 2023

## Plastic Film & Consistency

October 2023



# Ecosurety



1000+ clients



65 employees



NPS score

+57 classed as excellent



£50m turnover



1.2m tonne obligation

Certified



Corporation

This company meets the highest standards of social and environmental impact

Since April 2020



The first compliance scheme to be B Corp certified

We meet rigorous social and environmental standards for:

- Governance
- Workers
- Community
- Environment
- Customers



Governance

Ranked in the top 5% worldwide in our group size for Governance since 2021

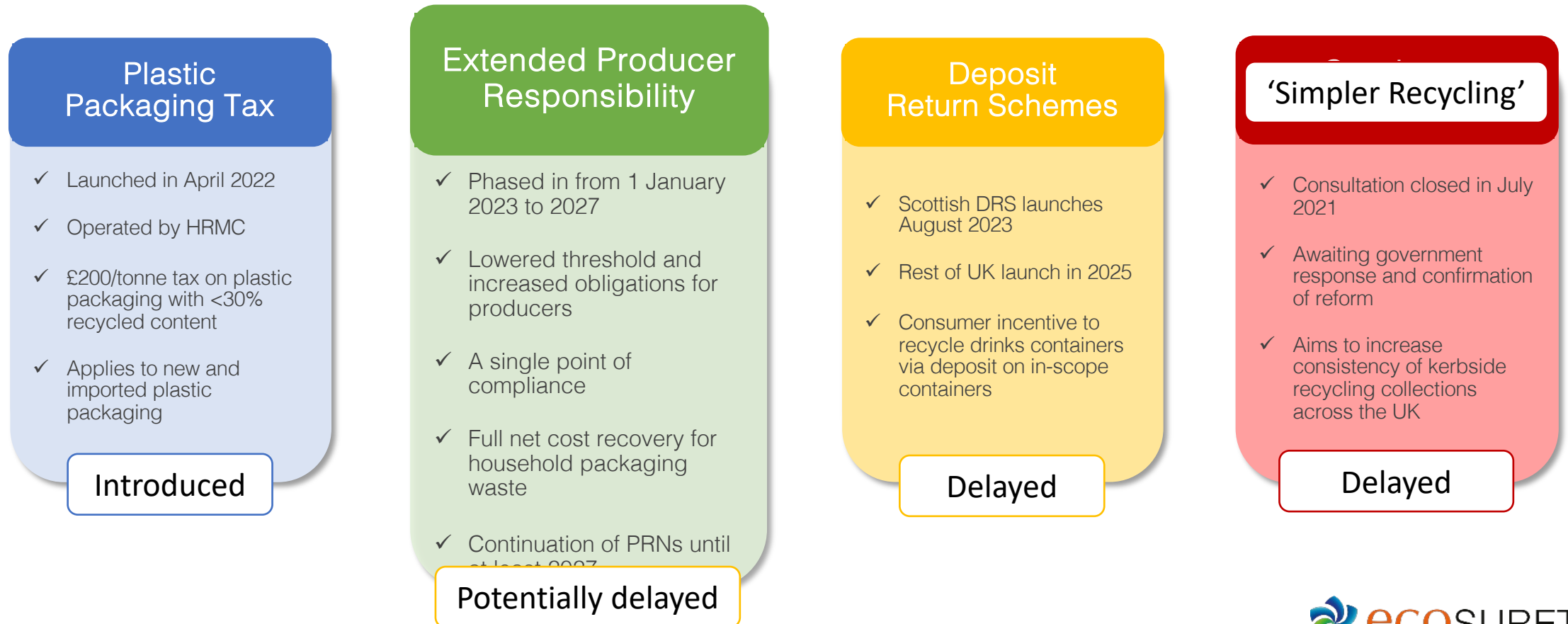


We've pledged to become net zero before 2030



# Drivers – UK packaging waste reform

In the 2018 Resources and Waste Strategy for England, government committed to the implementation of:



# Flexible plastic packaging – the facts

- ~800,000 tonnes pa placed on the market
  - 25% of UK consumer packaging – yet only 8% is recycled
- UK-wide kerbside collections are coming ‘soon’
  - Not much time (?) for local authorities and industry to prepare

An innovative and collaborative fund  
giving value to flexible plastics so  
they are properly recycled

Established in 2021 and supported by:



# Flexible Plastic Fund activities



## Household collections

~£3M FPF FlexCollect  
kerbside collection &  
recycling pilots



## Retail collections

£1M+ fund incentivising  
retail collections &  
recycling

# FPF FlexCollect

The most extensive flexible plastic packaging kerbside collection trial ever undertaken in the UK

## Aim

- ✓ To understand how to recycle post-consumer flexible plastic at scale from householders

## How?

- ✓ Via kerbside collection pilots with nine local authorities covering a range of rurality's, socio-economics, collection methods and service offerings between 2022-25

## Why?

- ✓ To share insights with stakeholders
- ✓ To inform government policy on the implementation of packaging EPR and consistent collections reform
- ✓ To prepare UK waste management industry for the change

## It will explore:

- ✓ Operational approaches and how to incorporate into existing collection services
- ✓ Communications, participation, likely volumes and contamination
- ✓ Sorting, reprocessing and end markets
- ✓ Costs and economics throughout the system



# Who's involved in FPF FlexCollect?

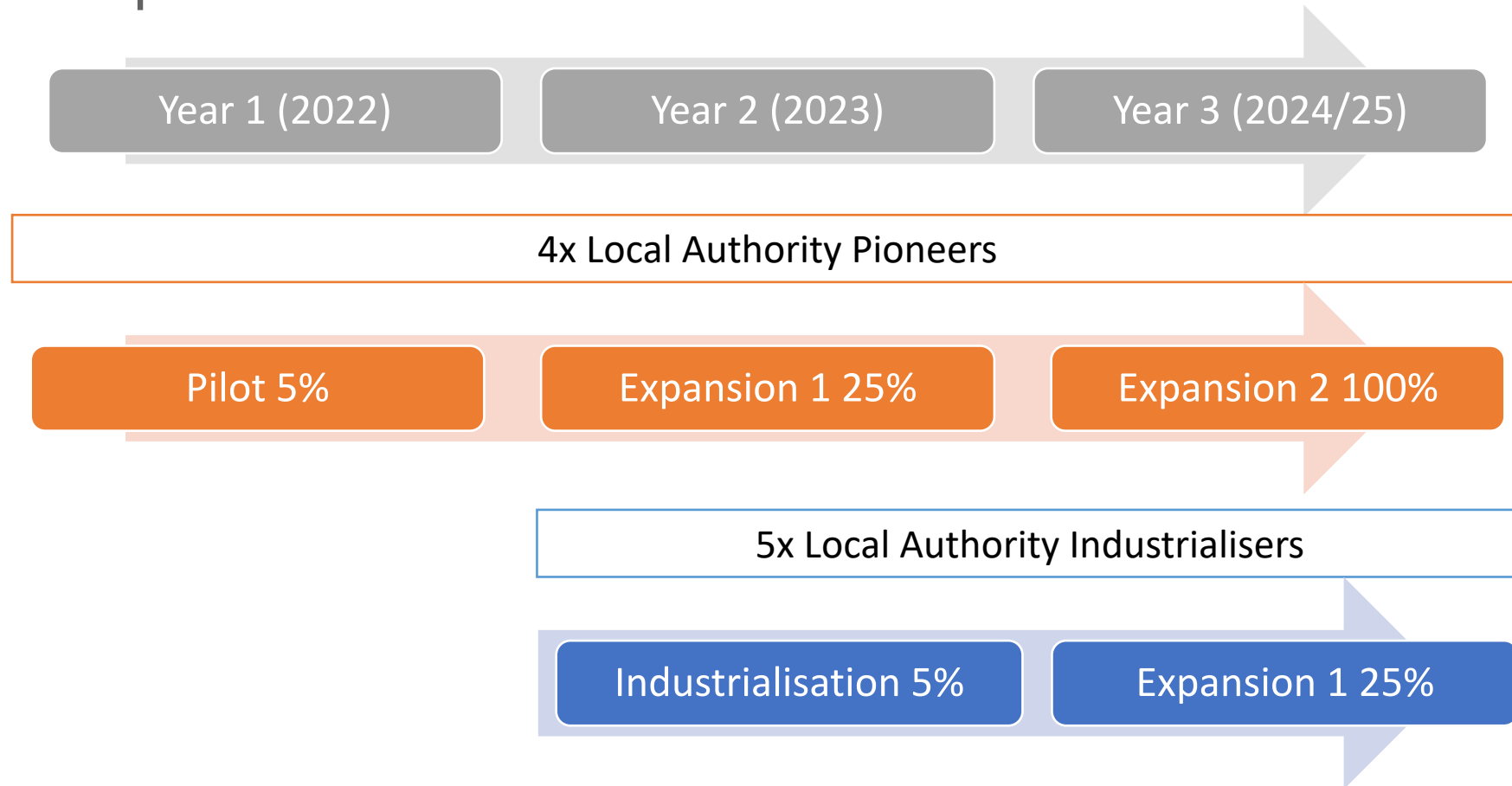
Funded and managed by a consortium



Involving a wide range of stakeholders



# Pilot expansion model



# FPF FlexCollect local authority pilots



Approximately 26,000 households currently part of the pilots



# Overview of first six FlexCollect pilots

Pilot	LA type	Pilot size*	Service type	Material collected	Collection method
Cheltenham	Urban, Low deprivation	2,131 Hhs	Fortnightly source segregated	All flex	Clear printed collection bags in with plastic & cans (in with any container)
South Gloucestershire	Suburban, Mixed Low deprivation	1,955 Hhs	Weekly source segregated	Dry flexibles only (PE & PP)	Clear printed collection bags in with rigid plastic & cans
Maldon	Rural, Low deprivation	7,500 Hhs	Fortnightly twin stream	All flex	Pink printed collection bags in with glass Collected on separate vehicle
Somerset	Rural, medium deprivation,	3,641 Hhs	Weekly source segregated	PE & PP only	Blue printed collection bag and stored on vehicle along with cans & plastic
Newcastle City	Urban, High Deprivation	~7,500 Hhs	Fortnightly comingled (240l wheeled bin with insert for glass)	PE & PP Only	Blue printed bags collected alongside plastics, cans and fibre in blue wheeled bin via split back RCV
Re3 - Reading	Urban, Low Deprivation	4,002 Hhs	Fortnightly comingled (240l wheeled bin)	All flex	Blue printed bags collected alongside plastics, cans and fibre in red wheeled bin via single compartment RCV

\* First phase only. Expansions start later in 2023

# Early learnings

## Residents like the service

- 2 bags per 5 households and average 310g per bag
- Higher than anticipated participation, but less than 50% of placed on market
- Combination of good comms, printed bags and effective distribution are key to high performance

## Collection bags

- Coloured, printed bags are a useful tool
- Easily identifiable, good quality bags engage residents and aid collections, processing and data collection
- Looking to test loose collections

## Collections

- Easy integration into existing collections so far
- Integration into existing infrastructure is more cost effective
- High volume/low weight necessitates compaction alongside other materials
- No issues with space on vehicles

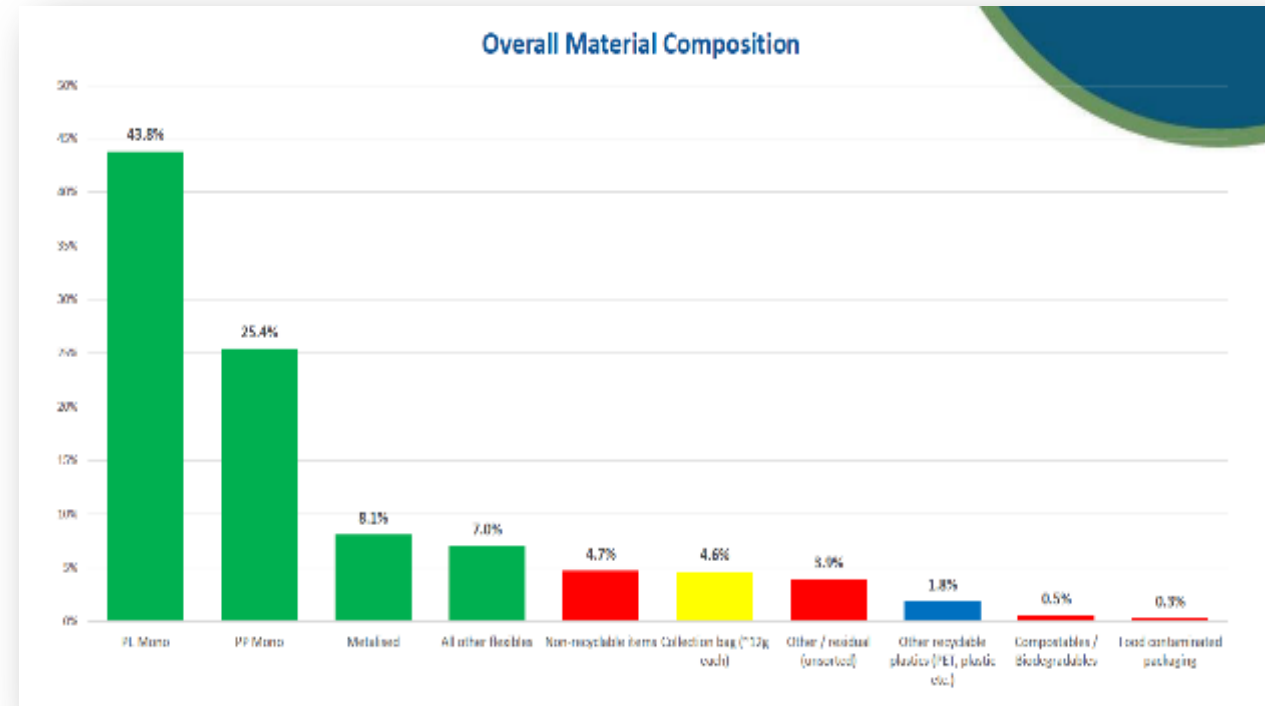


# Composition

Initial findings in line with expectations regarding material type split

Lower than anticipated contamination

- 84% Target material
- 7.6% non-target non-recyclable
- 78% material is PE and PP, of which 25% has no ink coverage
- 16% multi-layered material
- Under 0.5% food contamination





# End market research & trials

Research undertaken into potential end markets

Trials being arranged:

- Assessments of chemical & mechanical recycling potential
- Sortation & deinking trials
- Mechanical recycling trials
- Chemical recycling trials (2024)

A vertical strip on the left side of the slide features several crumpled yellow plastic bags against a solid red background. The bags are scattered, with some handles visible, creating a textured, layered appearance.

# FPF FlexCollect Project Interim Report

Planned publication date: November 28<sup>th</sup> 2023

Full details of the project so far

Will include data, initial findings and recommendations

What does all this mean for 'consistency'...?



# Flexible Plastic & ~~Consistency~~ 'Simpler Recycling'

Flexible plastic can and should be part of the consistency/ simpler recycling framework

Flexible plastic can be added 'relatively easily' to existing services:

- Source Segregated – bagged and in with an existing stream
- Comingled – bagged or loose

- Sorters, recyclers and end markets do exist but currently not at scale for post-consumer flexible plastic
- There is demand for this material, but the economics are challenging. However, this will change
- New solutions for rigids and flexibles are in development and coming onstream
- We need to improve and increase circular solutions for all plastics, including flexibles





# Thank you

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*Will your LA be able to  
introduce plastic film  
recycling by 2027?*

*Green YES*

*Red NO*



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## 2023



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the app, and ask questions  
from your phone

**#LARACUK**

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then search for "LARAC  
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## LUNCH & NETWORKING



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## AGM FOR LARAC MEMBERS



**2023**

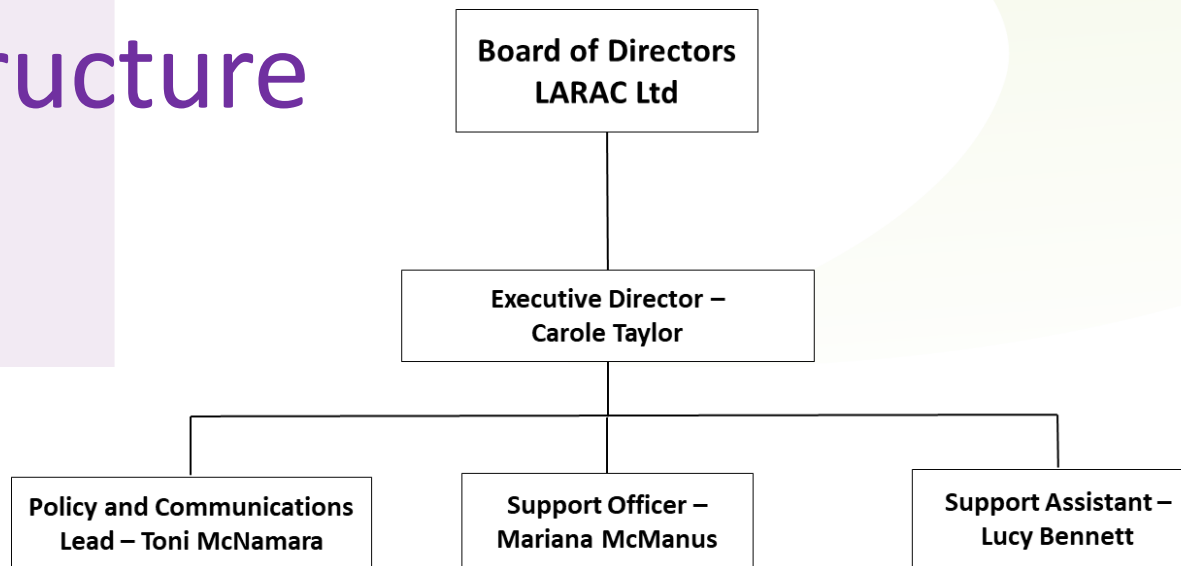
**LARAC AGM**

# Agenda

1. Minutes of the 2022 LARAC Annual General Meeting (CC)
2. Matters Arising (CC)
3. Annual Report by Chair of LARAC (Annual Report 2023 – page 3) (CC)
4. LARAC Policy Work Overview by LARAC Policy and Comms Lead (TM)
5. Treasurer's Annual Report and Accounts 2022/2023 (Annual Report 2023 – pages 4/5) (AB)
6. Announcement of Membership Fee for 2024/2025 (CC)
  - a. The Executive announce that the Membership fee for 2024/25 will remain at £445
7. Constitutional Matters (CC)
  - a. Announcement of National Election Results
8. AOB - if previously notified to the Chair

# Item 3 - Chair's Annual Report

- EPR Sprint
- DRS
- Member Services/Conferences
- New Staff/Structure



# Item 4 - LARAC Policy Work

- Collection and Packaging Reforms
- Consultations
- Looking Forward



# Item 5 - Treasurer's Annual Report

- Budget 22/23 - £25k deficit originally due to surpluses achieved
- Expenditure lower than expected
- Income above budget (conference, partner sales)
- Membership levels remained high
- Surplus £39,513 before tax
- Budget setting 23/24 – £46k deficit

# Item 6 – Announcement of 2024/25 Membership Fee

- The Executive announce that the Membership fee for 2024 -25 will remain at £445, for the 5th year running.

# Item 7 - Constitutional Matters

## a) Announcement of Nationally Elected Reps 2023:

- Cathy Cook
- Ashley Wild
- Rachel Melvin (new)

## Existing National Reps (2022 – 2 years):

- Andrew Bird
- Gareth Rollings
- Edward Yendluri

## Item 8 - AOB

- None notified in advance of meeting



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## **PACKAGING RECYCLING PERFORMANCE - ALL OF US WORKING TOGETHER**

Paul Vanston, CEO, Industry Council for  
Packaging and the Environment (INCPEN)

---

# LARAC Conference

## Birmingham, Wednesday 11 October 2023

Packaging recycling performance:  
all of us working *together*

Paul Vanston, CEO

Industry Council for Packaging and the Environment - INCPEN



@incpen

@paulvanston

incpen



ArdaghGroup



M&S

Plastipak  
PACKAGING



Red Bull



Unilever

Associated  
British Foods  
plc



Nestle

Good Food, Good Life

Berry



klöckner pentaplast



Warburton's  
Family Bakers  
TESCO



PEPSICO

Boots

incpen  
Industry Council for Packaging and the Environment



Coca-Cola  
Hellenic Bottling Company



CROWN

Brand-Building Packaging™



DANONE  
ONE PLANET. ONE HEALTH

ocado



essity

Huhtamaki

Faerch

CLEAN TECH  
A PLASTIPAK COMPANY

Coca-Cola

EUROPACIFIC  
PARTNERS

Sainsbury's

COSTA COFFEE

L'ORÉAL

Johnson & Johnson

ProAmpac

incpen



# Reminder: We're all in the same boat !



Photo Source: Pixabay, free to use: Brigitte Werner, river rafting, Fraser River

Sweating?



Queasy?



*'Together, we've got this!'*



# Reminder: Household EPR recycling targets start from 2025

Table 1: Recycling targets for packaging in scope of EPR regulations

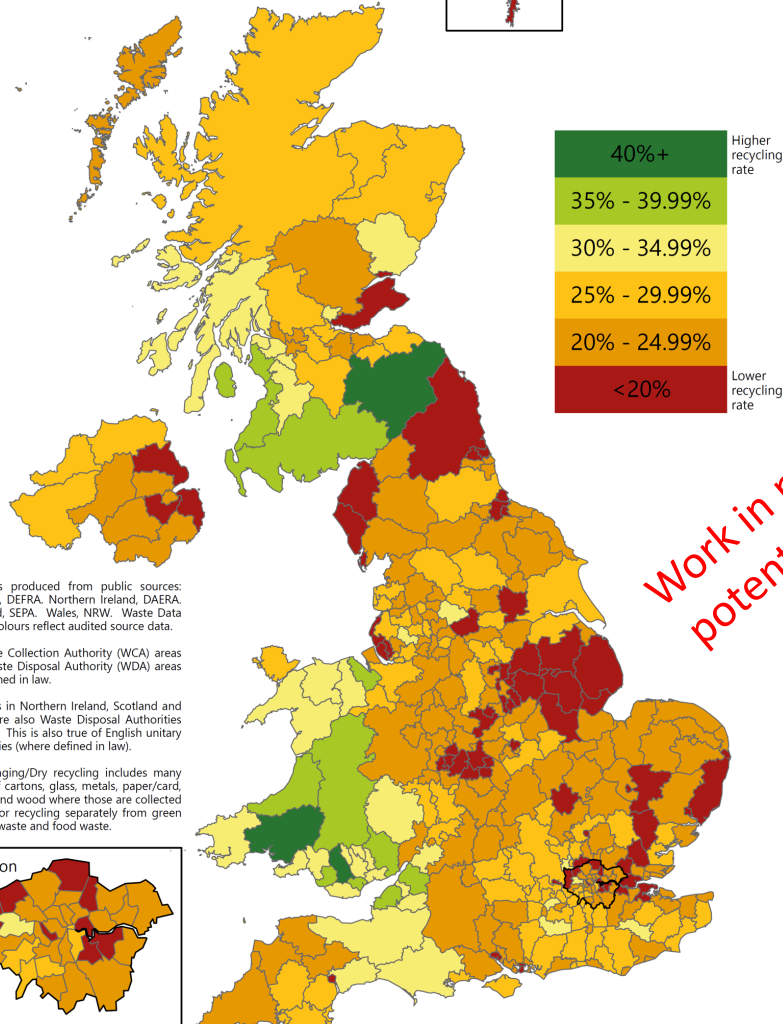
	Targets for 2025		Targets for 2030	
	Proposed in consultation	Final proposed targets	Proposed in consultation	Final proposed targets
<b>Plastic</b>	41%	<b>51%</b>	56%	<b>62%</b>
<b>Wood</b>	38%	To be confirmed	39%	To be confirmed
<b>Aluminium</b>	30%	<b>45%</b>	30%	<b>50%</b>
<b>Steel</b>	85%	<b>82%</b>	92%	<b>85%</b>
<b>Paper/ Card</b>	76%	<b>80%</b>	85%	<b>89%</b>
<b>Glass</b>	71%	<b>75%</b>	81%	<b>83%</b>
<b>Glass re-melt</b>	N/A	<b>74%</b>	N/A	<b>80%</b>
<b>Overall recycling rate</b>	63%	<b>68%</b>	81%	<b>76%</b>

*‘Together, we’ve got this!’*

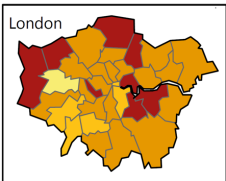


# Working *together* to drive up recycling performance

## UK 2021-22 WCAs Packaging/Dry Recycling Rates

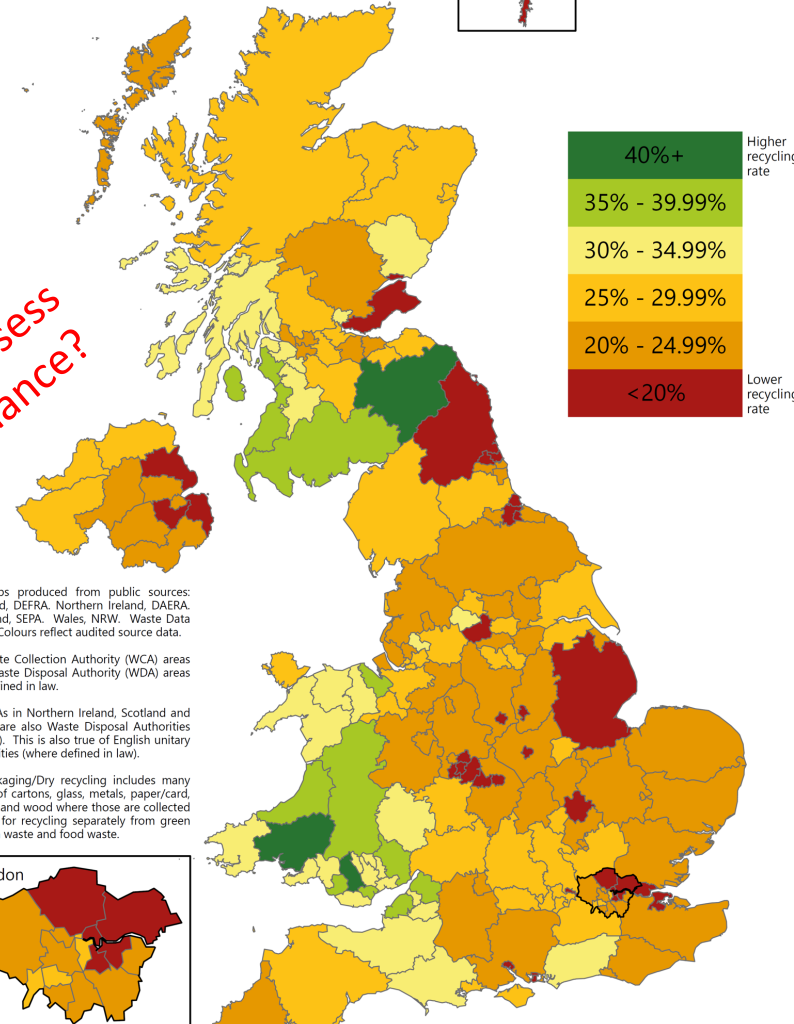


- Notes
- 1: Maps produced from public sources: England, DEFRA; Northern Ireland, DAERA; Scotland, SEPA; Wales, NRW. Waste Data Flow. Colours reflect audited source data.
  - 2: Waste Collection Authority (WCA) areas and Waste Disposal Authority (WDA) areas are defined in law.
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  - 4: Packaging/Dry recycling includes many items of cartons, glass, metals, paper/card, plastic and wood where those are collected locally for recycling separately from green garden waste and food waste.

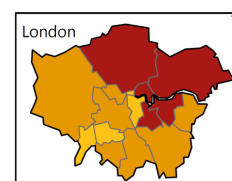


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## UK 2021-22 WDAs Packaging/Dry Recycling Rates



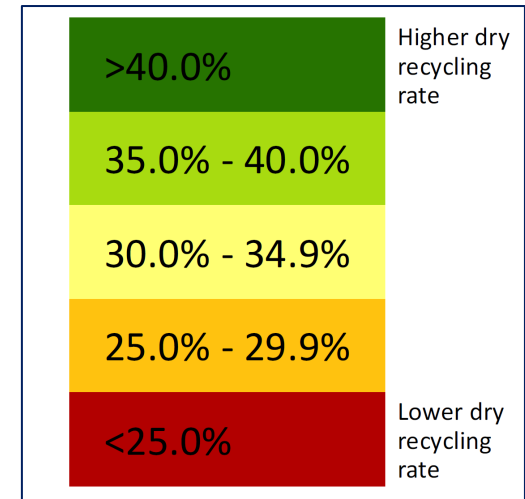
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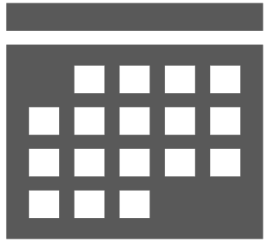
*Work in progress: assess potential performance?*

*'Together, we've got this!'*



# INCPEN public survey 2023: UK and Ireland

## Methodology



08 - 14 September 2023.

United Kingdom.	5,089 respondents.
<b>England.</b>	<b>2,515</b>
<b>Northern Ireland.</b>	<b>519</b>
<b>Scotland.</b>	<b>1,048</b>
<b>Wales.</b>	<b>1,007</b>

08 – 12 September 2023.

Republic of Ireland. 1,019 respondents.



Quotas:

- Age and Gender (interlocked); Region; Social Grade; Ethnicity.

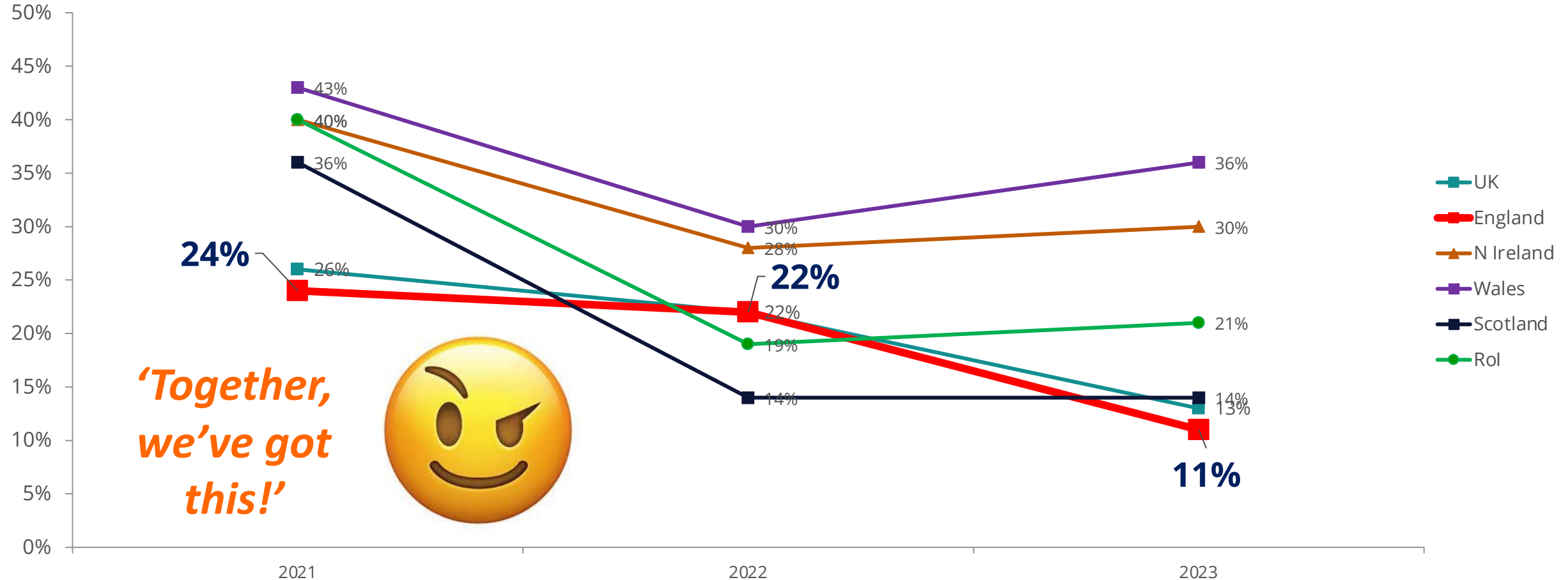
Weighting:

- The overall UK sample has been weighted in line with the known distribution of the UK population.

# Public net confidence recyclates are actually recycled

## Q. How confident are you that the recycling collected from your home is actually recycled?

Net confidence (confident public ... minus ... not confident public)

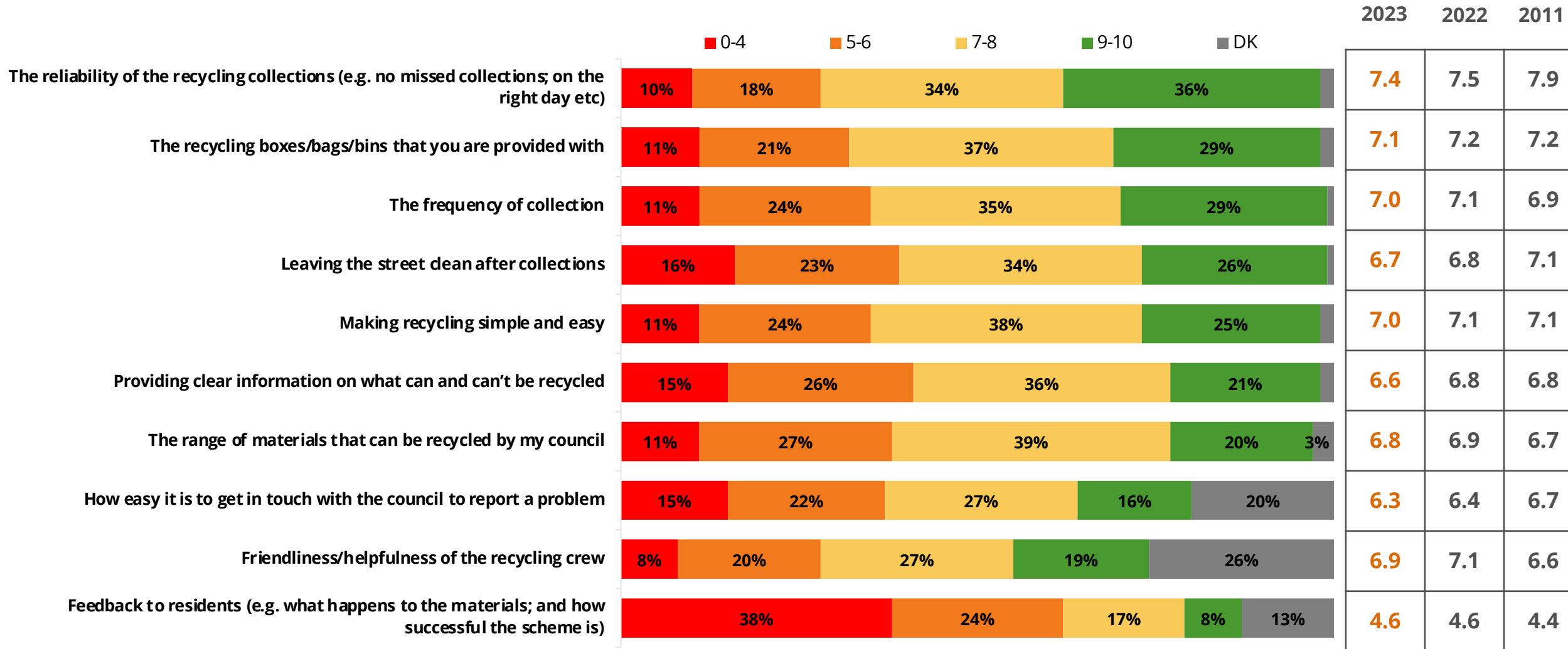


*'Together, we've got this!'*



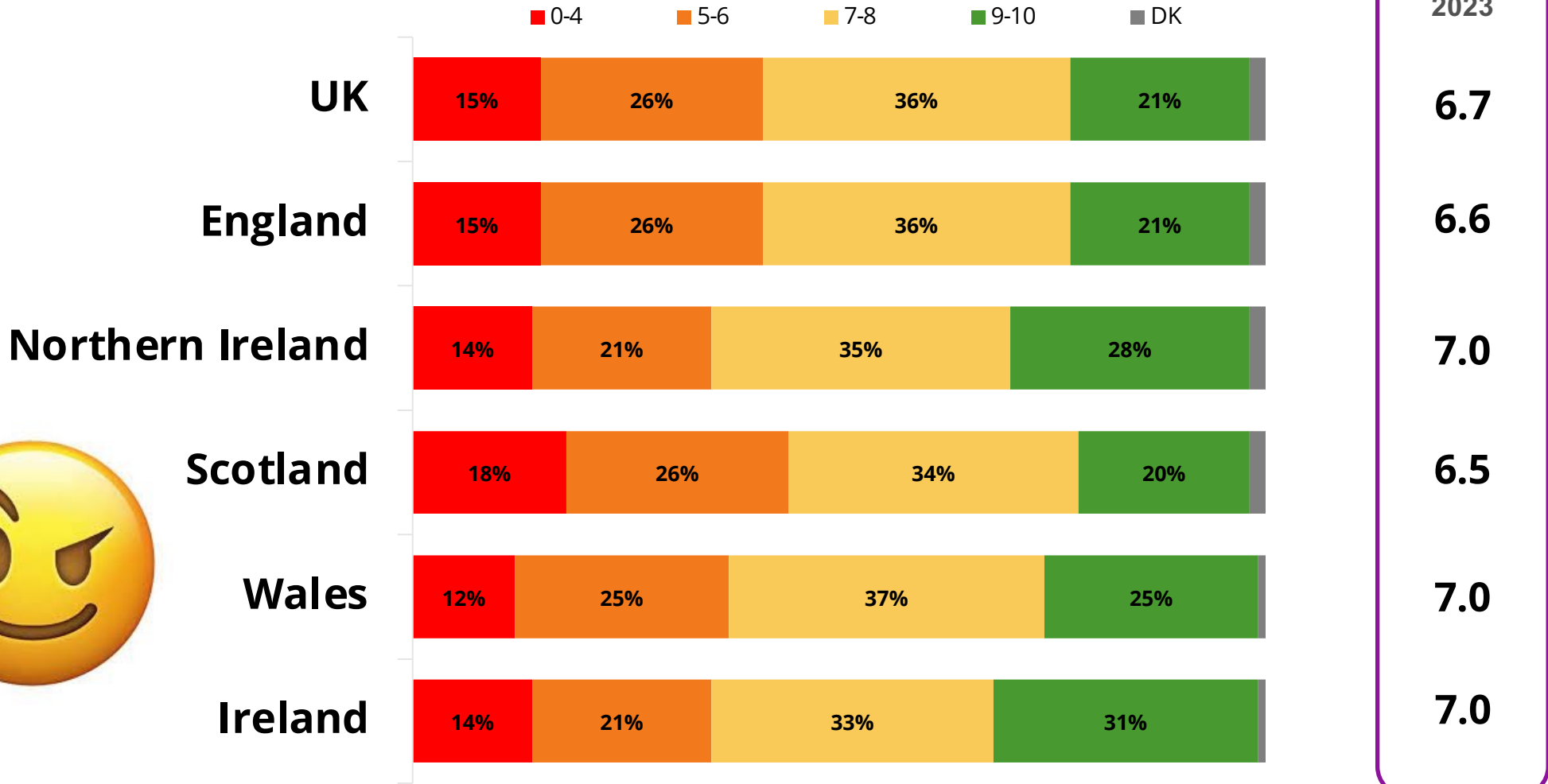
# Public views: England

Q. And using the same scale (0 = extremely poor, 5 = average and 10 = excellent), how would you rate each of the following aspects of your recycling service?



# Public views: Clear information on what can be recycled

Q. And using the same scale (0 = extremely poor, 5 = average and 10 = excellent), how would you rate each of the following aspects of your recycling service?



*‘Together, we’ve got this!’*

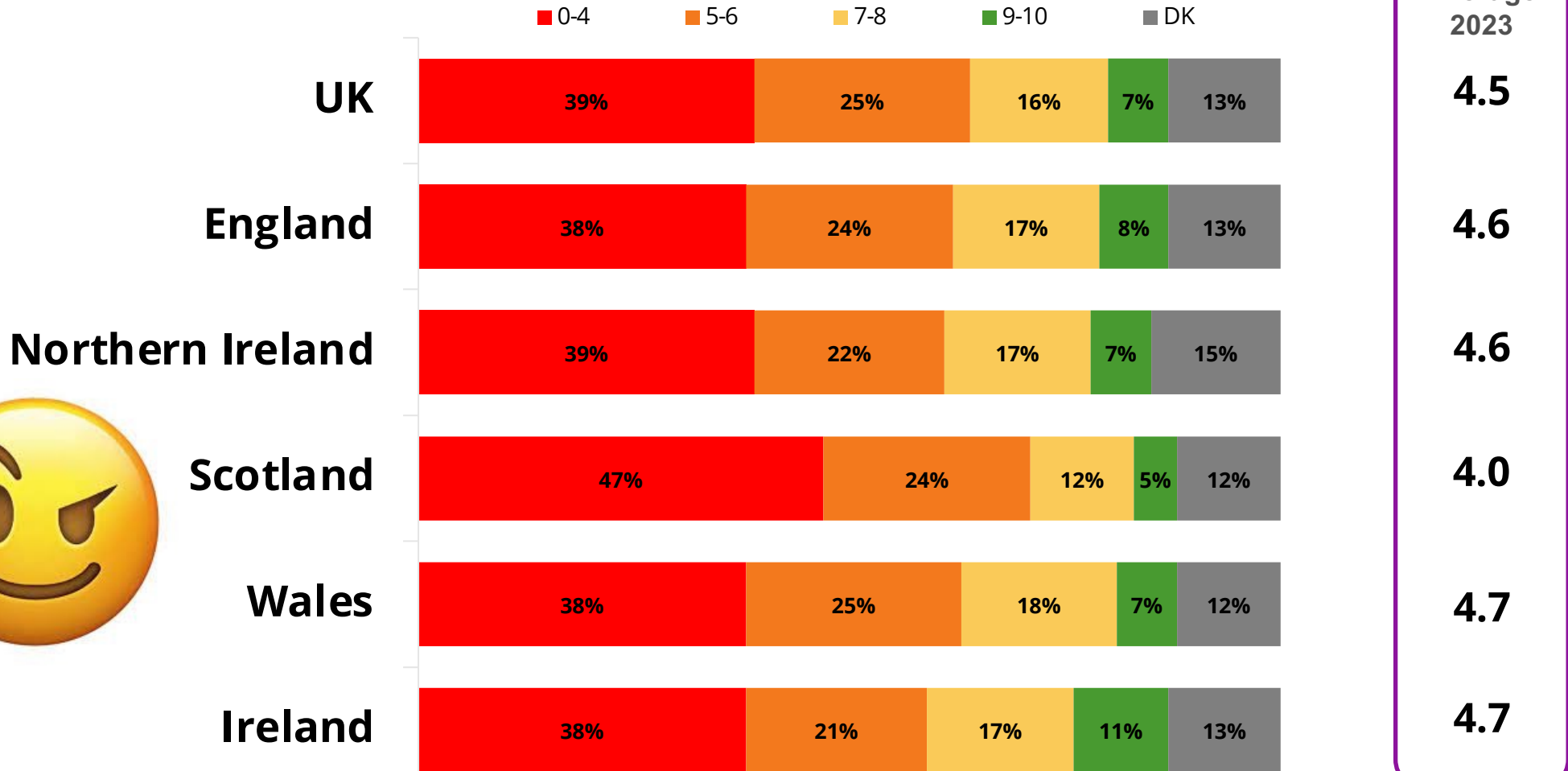


Base: 4,869 adults in UK who give a score on their service (England: 2,387; N Ireland: 498; Scotland: 1,000; Wales: 984). September 2023  
Base: 967 adults in Ireland who give a score on their service. September 2023

# Public views: Feedback to residents (e.g. what happens to materials; and how successful the scheme is).

Q. And using the same scale (0 = extremely poor, 5 = average and 10 = excellent), how would you rate each of the following aspects of your recycling service?

*‘Together, we’ve got this!’*



Base: 4,869 adults in UK who give a score on their service (England: 2,387; N Ireland: 498; Scotland: 1,000; Wales: 984). September 2023  
 Base: 967 adults in Ireland who give a score on their service. September 2023



# INCPEN Sept 2023 survey: 'Consistency'



**Text provided to 5,000+ UK survey respondents ...**

**Since 2018 the UK government (supported by Northern Ireland, Scottish and Welsh governments) has been progressing plans for all councils across the country to offer all households the same wide range of recycling services for packaging thrown away by householders.**

**This would mean all packaging could have a consistent message of either 'Recycle' or 'Do not recycle' that all householders could follow.**

**To what extent do you support or oppose this idea?**

**How much of a priority is the policy for you? When implement?**

**Base: 5,089 adults in UK.** September 2023

*(2,515 adults in England, 519 adults in Northern Ireland, 1,048 adults in Scotland & 1,007 adults in Wales)*

# Public support: Consistency policies

## Public views: implementation timings

■ Strongly support   ■ Tend to support   ■ Neither support nor oppose   ■ Tend to oppose   ■ Strongly oppose



Base: 5,089 adults in UK. September 2023  
(2,515 adults in England, 519 adults in Northern Ireland, 1,048 adults in Scotland & 1,007 adults in Wales)



***'Come on!  
Together, we've got this!'***



@paulvanston @incpen





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2023



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*Is England on track to meet  
the target - 65% of municipal  
waste prepared for re-use or  
recycled by 2035?*

*Green YES*

*Red NO*



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## **FOOD MANUFACTURING INDUSTRY PERSPECTIVE**

David Bellamy, Head of Environmental  
Policy, Food and Drink Federation

# COLLECTION AND PACKAGING REFORMS

## FOOD MANUFACTURING INDUSTRY PERSPECTIVE

UK LARAC Conference 2023

11 October

David Bellamy  
Head of Environmental Policy

# The food and drink industry supports EPR



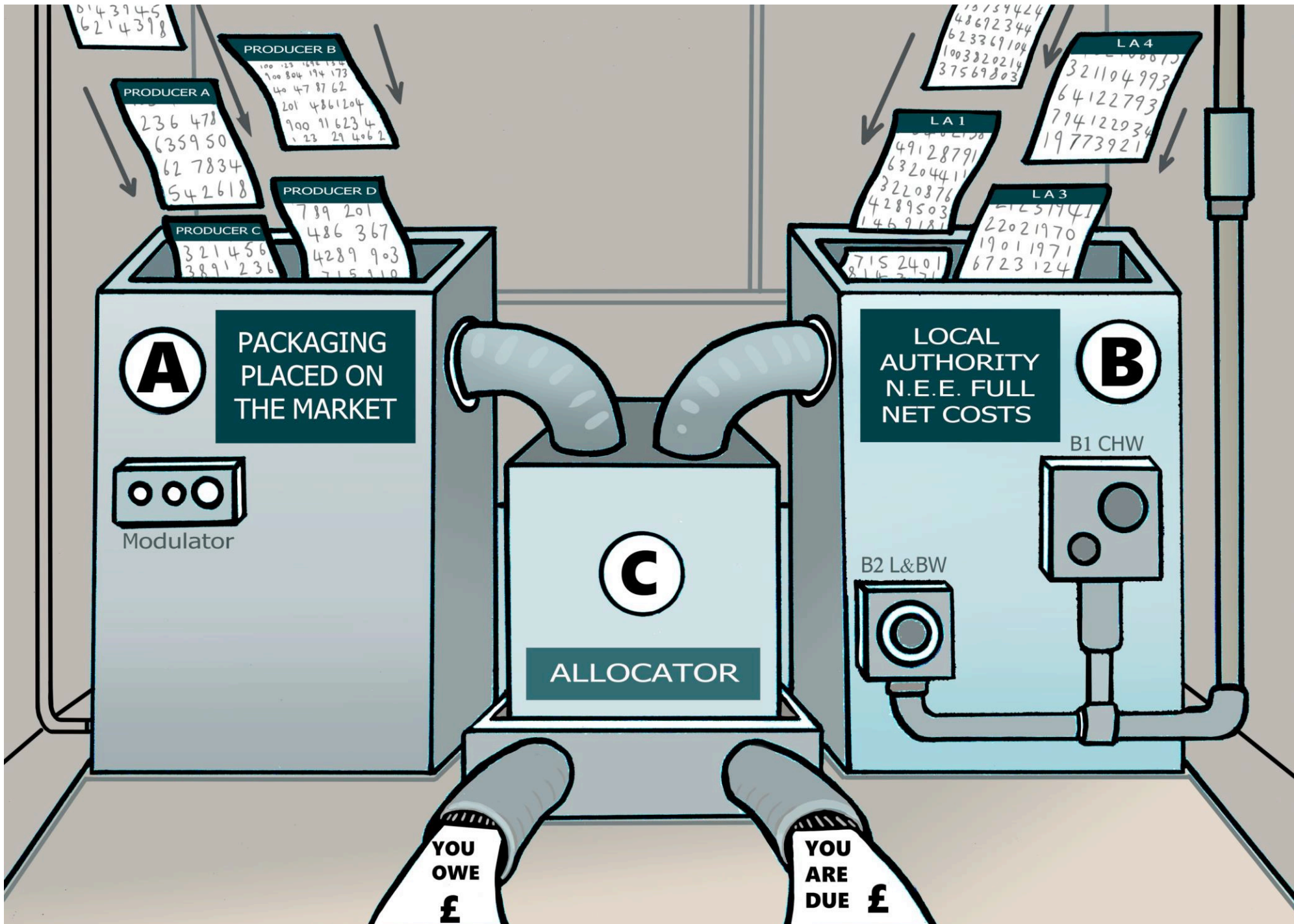
- FDF members working to net zero by 2040;
  - Want improved circular outcomes for plastics and packaging;
  - Packaging waste needs to be treated as a resource;
  - Our members support the principles behind EPR and want it introduced successfully asap not least to fulfil their own corporate goals;
  - Want to eliminate use of virgin plastic and replace this with easy access to high quality recycled material;
  - We regard EPR along with Consistent Collections and DRS as three interlinked policies with many interdependencies.
- **The UK needs the full Collection and Packaging Reforms package!**

# So in supporting EPR what do we want?



- End to end system accountability





# A single PRO model



# So in supporting EPR what do we want?

- Producer-led – to deliver maximum efficiency and outcomes at lower cost per capita;
- More clarity on definitions, fees, labelling, recycling targets, guidance for households, and the end destination;
- Fully transparent approach to defining ‘efficient and effective’ when it comes to LA disposal costs;
- Ringfencing of EPR payments to local authorities such that these are additional to existing recycling and waste departments budgets;
- A vision and plan for delivering whole system transformation over next 10yrs
- Draw on the learnings from international best practice in all parts of the scheme design to maximise the chances of success;
- Support a delay on basis that it enables us to create a good EPR system that will work.

- A well-designed EPR scheme should increase the flow of recycled materials for use in new packaging;
- This depends on consistent kerbside collections of recyclable packaging across the UK;
- Current domestic/global supplies are insufficient to meet UK demand for recycled material in packaging;
- Putting in place a national approach to collecting a consistent set of recyclable materials from households across the UK is essential and needs to be up and running asap and no later than EPR payments starting in Oct 2025;
- We also need Government to stick with its timetable for requiring councils to introduce collection of plastic films and flexibles no later than Mar 2027;
- Allowing a mass balance approach for calculating recycled content derived from chemical recycling under the PPT will be vital in supporting our members ambitions when it comes to flexible plastics and for achieving the Government's environmental goals.

- We support need for a well-designed DRS to operate alongside packaging EPR;
- This should involve a seamless UK approach with identical scopes, fees, processes and labelling, to minimise costs, bureaucracy and confusion for citizens;
- Government needs to provide regulatory and operational certainty and clarity to attract the required investment from industry;
- Government needs to set the rules and develop an implementation timeline with industry that is deliverable;
- We therefore need strong working relationships between all four UK governments to deliver one interoperable scheme.

# Thank you



**David Bellamy**  
**Head of Environmental Policy**

**David.Bellamy@fdf.org.uk**

**www.fdf.org.uk**



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*If there is no new burdens  
funding, will your LA still  
consider introducing food waste  
collections across all of its  
housing types?*

*Green YES*

*Red NO*



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## **RETAILER PERSPECTIVE**

Robert Thompson, Packaging  
Manager, Co-op



Industry Focus View  
Retailer Perspective

COOP

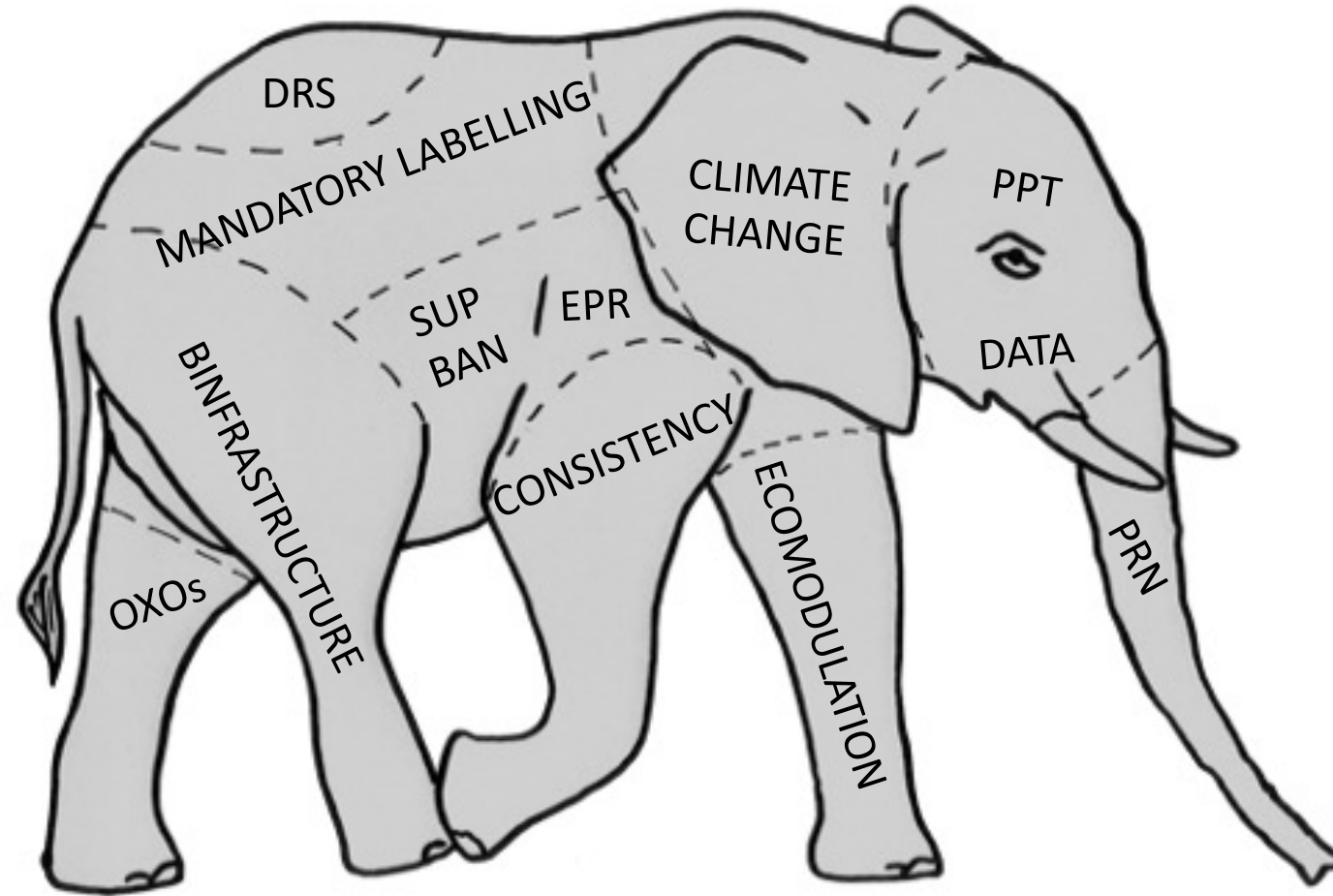
LARAC  
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# Our Co-op

- Established 1844 by the Rochdale Pioneers.
- World's largest consumer co-operative.
- Owned by millions of our members.
- UK's fifth biggest food retailer.
- More than 3,000 local stores.
- NISA wholesaler.
- UK's number 1 funeral services provider.
- Legal Services.
- Employing nearly 70,000 people.
- We exist to meet members' needs and stand up for the things they believe in



# How do you eat an elephant?



One slice at a time...

# What's changed since June 2023?

EPR payments delayed to 2025. 2023 data will only be used to do a 'dry run'.

Scheme administrator will not be appointed until the Regs come into force.

'shadow scheme administrator' expected over the summer.

Modulated fees are delayed until 2026/7.

PRN obligations will continue for 2023/4 under the 2007 Regs. Double reporting in 2023/4.

Mandatory takeback of single use fibre-based cups and twice-yearly reporting is also delayed to 2025.

Draft EPR Regulations published

First draft of eco-modulated materials released

# Material successes along the way

## PVC Cooked meat trays – October 2016



- ✓ Lidding film innovation seals to single polymer PET
- ✓ Packaging News front cover
- ✓ 364 Tonnes of PVC avoided



## Mixed polymer trays – August 2017



- ✓ Single, widely recycled polymer construction
- ✓ Overcoming challenges of seal through contamination
- ✓ Greenstar Sustainability Award 2017
- ✓ 163 tonnes per year

## Carbon black sushi tray – June 2018



- ✓ Moved from vanity black to clear bases – 34% sales uplift
- ✓ Reverse printed paper sleeve maintains premium design cues
- ✓ 19 tonnes of black plastic per year avoided

## Polystyrene pizza discs – Nov 2016



- ✓ Replaced with card
- ✓ Innovative cut & crease pattern to prevent warp
- ✓ Mainstream media coverage
- ✓ Removing 200 tonnes of hard to recycle polystyrene

# Material successes along the way

## Paper laminates with over 15% plastic 2020-21



- ✓ Cookie bags
- ✓ Sandwich skillets
- ✓ Bread bags
- ✓ Sachets for sauce mixes, couscous and cup soups

## Compostables on Items known to enter food



- ✓ Carrier bags (Mater-Bi reused as a caddy liner)
- ✓ Teabags (PP replaced with PLA)
- ✓ Variant labels on fruit (moved to Sinclair Ecolabel)

## Collecting Flexibles in store – June 2021



## Monomaterial skinpacks – July 2021



- ✓ Recyclable at kerbside
- ✓ Single material PET
- ✓ Facilitating tray to tray recycling

# What Brand Owners want from the Packaging Waste Reforms



Protect our investment in Recyclability and increased recycled content



Solutions that contribute to a reduction in GHG Emissions (target net zero by 2040)



Understand costs of material Eco-modulation to reduce both environmental impact and cost, and have time to implement IT solutions



Interoperability of DRS across the UK and the opportunity to explore digital solutions



More (and better) domestic recycling infrastructure



A consistent plan that helps us co-operate for a fairer planet

**Thanks for listening**

**[Robert.Thompson@coop.co.uk](mailto:Robert.Thompson@coop.co.uk)**







# LARAC CONFERENCE CELEBRATION AWARDS

## 2023



## Q&A

Join the conversation on  
the app, and ask questions  
from your phone

**#LARACUK**

Event App Sponsored By:



Green Power



Download on IOS



Download on Android



Or search "Cvent Events"  
on your app store and  
then search for "LARAC  
UK" once downloaded



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## TEA, COFFEE & NETWORKING



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## **WASTE MINIMISATION SEMINAR**

*Chair: Jo Oliver, Head of Waste Management and Fleet Services, Tameside MBC*

Bex Trevalyan, Co-founder, Library of Things

Victoria Bond, Assistant Regional Waste Co-ordinator,  
Resource Efficiency Wales



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## **WASTE MINIMISATION SEMINAR**

Bex Trevalyan, Co-founder, Library of Things

LIBRARY OF THINGS

# Making borrowing better than buying

LARAC 2023



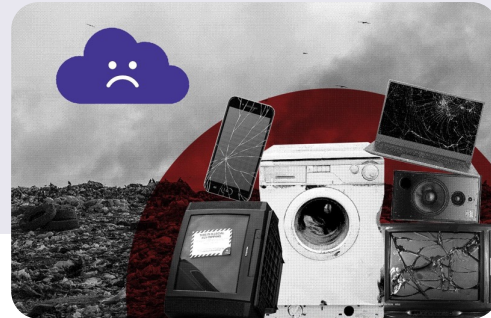
# The problem

## Consumerism isn't working



### Cost-of-living crisis

65% of UK adults spending less on non-essentials



### Climate & waste crisis

UK 2nd biggest producer of e-waste globally



### High streets struggling

1 in 7 shops empty

2014: Where we started

# A grassroots experiment that sparked a global movement



# Now: An award-winning social enterprise

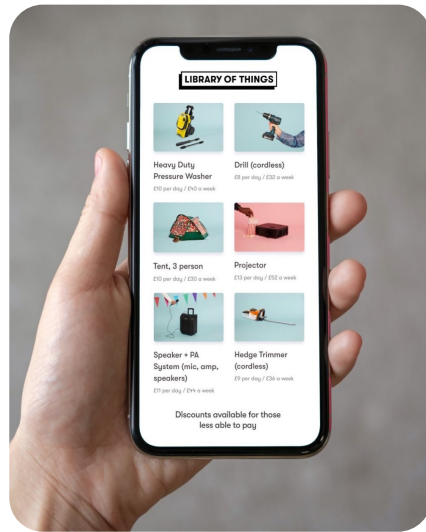
## Affordable, convenient, community-led item rental – anywhere





# How it works

## Book online, collect from lockers, share skills



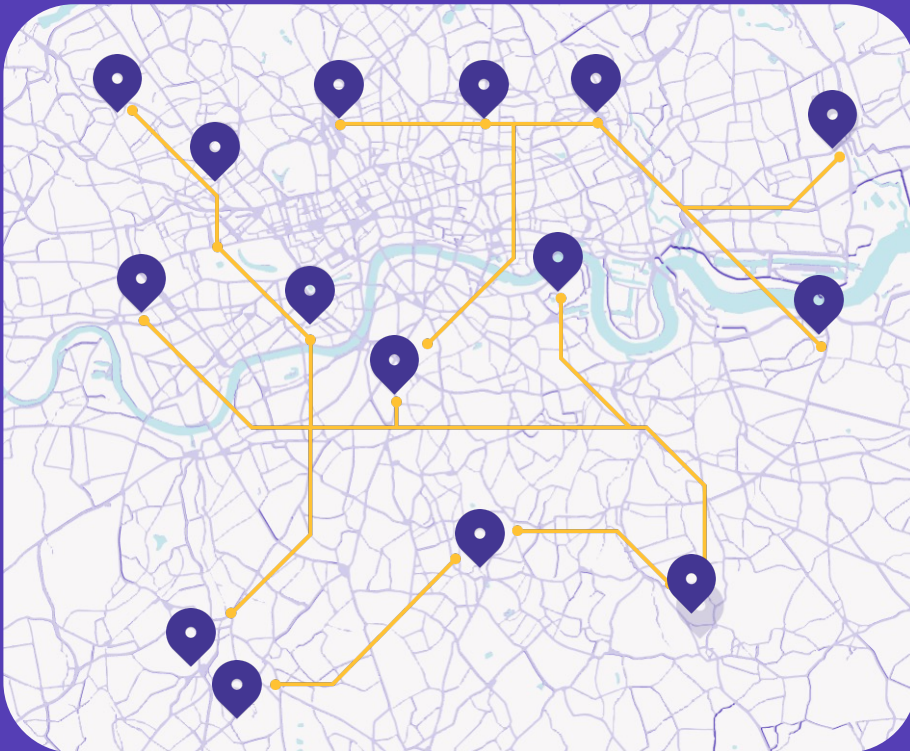
**KÄRCHER**

 **BOSCH**

**STIHL**

# Impact

## Saving money & waste



👤 **16,000+** members

🔧 **29,000+** rentals

🌍 **300,000kg** CO<sub>2</sub>e & 150,000kg waste saved

💰 **£900,000+** saved by users

📌 **15 locations** +6 to launch in 23/24

🏛️ **70,000+** extra visits to community spaces

# Stories

## Saving money & waste



**Save money**

**Reduce waste**

**Learn skills**

# To get started

## Key ingredients

756 people have shown their support



**Community demand**

**Social value lease**



**8sqm space with footfall**

**£40,000**

**Climate Action contract**



**Set-up budget  
+ small ongoing budget**



Thank you!

Contact

Bex Trevalyan

[rebecca@libraryofthings.co.uk](mailto:rebecca@libraryofthings.co.uk)

07584 084 313

**LIBRARY OF THINGS**



# LARAC

## CONFERENCE

### CELEBRATION AWARDS

# 2023



Headline Partner



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## **WASTE MINIMISATION SEMINAR**

Victoria Bond, Assistant Regional Waste Co-ordinator,  
Resource Efficiency Wales

# Find a Repair Business

Don't throw your broken items away, get them repaired!  
Find a repair business in the following 14 Welsh local authorities

SEARCH

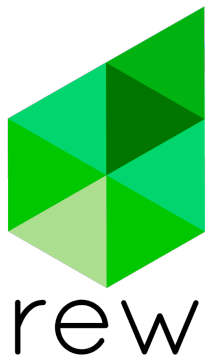
[repairefficiencywales.co.uk](http://repairefficiencywales.co.uk) @RepairWales



## The First Repair Directory In Wales

Victoria Bond – Resource Efficiency Wales

LARAC Conference Wednesday 11<sup>th</sup> October 2023





88%

Of UK adults will look to repair some items, rather than replace them, when damage occurs

Source – AVIVA – How we live report – Spring 2022



A person wearing glasses and a grey sweater is focused on soldering a component onto a printed circuit board (PCB) using a red soldering iron. The workspace is cluttered with various tools and components, including a clear plastic tray of small parts and a black marker. The background is slightly blurred, showing more of the workshop environment.

## What puts people off getting repairs?

27% - Not meeting safety standards

26% - Wouldn't know where to get repairs done

One in ten just want the latest model / fashion item. This rises to 23% of under-25s

# 26%

Wouldn't know where to get repairs done

Source – AVIVA – How we live report – Spring 2022

# Agenda

- The Repair Directory - What is it?
- Funding & Partners
- Repair Organisation Credentials
- Highest source engagement
- Why did we create it?
- What next?
- Final points
- CLAIRE Wales Group
- Resource Efficiency Wales



## Cyfeiriadur Atgyweirio

Eitem toredig? Dim digon o amser i'w drwsio'ch hun? Chwiliwch y Cyfeiriadur Atgyweirio. Mae **datganiad beta** hwn yn cynnwys rhestrau cynhwysfawr mewn 14 o awdurdodau lleol Cymru. Rydym yn cynnwys busnesau ychwanegol wrth i ni dderbyn ac yn croesawu awgrymiadau newydd. Cyfeiriwch at y Cyfeiriadur Atgyweirio pan fyddwch chi'n cysylltu â busnes os welwch.

Dewch o hyd i fusnes o Gymru i atgyweirio'ch dyfais sydd wedi torri

Ble ydych chi'n edrych?

Rhowch god post neu ardal?

Beth sydd angen i chi ei drwsio?

**Chwilio**

206 o ganlyniadau yn eich ardal chi Rhannu canlyniadau →

**A J Upholstery Ltd**  
**100%** adolygiadau cadarnhaol  
<https://www.ajupholsterytd.co.uk/>  
📞 029 2061 7579  
📍 212a Whitchurch Rd, Cardiff CF14 3NB

Map Satellite

St George's Channel, Bristol Channel, Snowdonia National Park, Brecon Beacons National Park, Pembrokeshire Coast National Park, Fishguard, Carmarthen, Llanelli, Swansea, Port Talbot, Bridgend, Cardiff, Newport, Weston-super-Mare, Bath, Chippenham, Gloucester, Stroud, Cirencester, Worcester, Hereford, Shropshire Hills AONB, Shrewsbury, Telford, Wolverhampton, Stoke-on-Trent, Crewe, Wrexham, Oswestry, Wrexham, Porthmadog, Pwllheli, Barmouth, Abenwyth, New Quay, Caldey Island, Tenby, Bideford, Taunton, Yeovil, Minehead, Ilfracombe, Woolacombe, Barnstaple, Bridgwater, Bude.

Google

Keyboard shortcuts | Map data ©2022 Google | Terms of Use

# Find a Repair Business

Don't throw your broken items away, get them repaired!  
Find a repair business in the following 14 Welsh local authorities

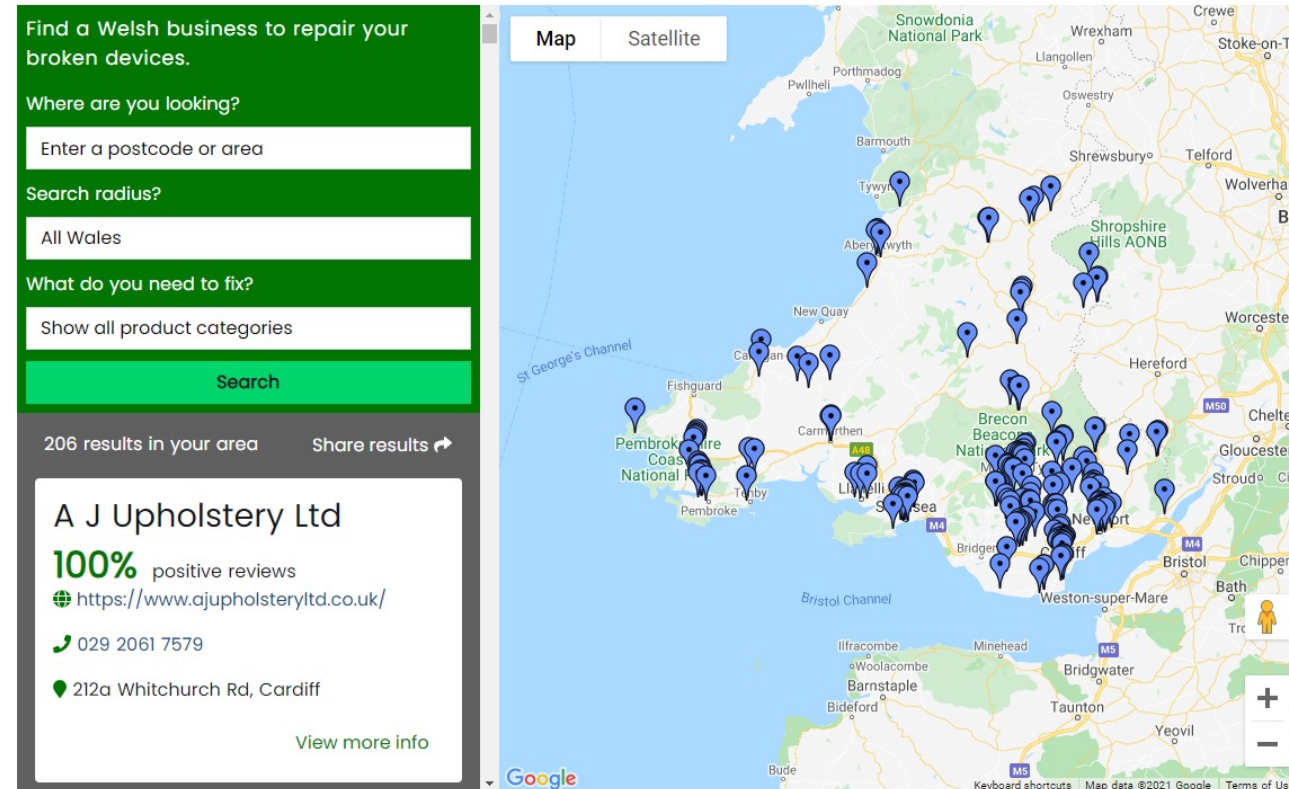
SEARCH



# Step 1 – enter your postcode or area

## Repair Directory

Broken item? No time to fix it yourself? Search the Repair Directory. This **beta release** includes comprehensive listings in 14 Welsh local authorities. We include additional businesses as we receive and accept new suggestions. Please mention the Repair Directory when you contact a business.



The screenshot shows the Repair Directory search interface on the left and a map of Wales on the right. The search interface has a green header with the text "Find a Welsh business to repair your broken devices." Below this is a search form with the following fields:

- Where are you looking?: Enter a postcode or area
- Search radius?: All Wales
- What do you need to fix?: Show all product categories

A green "Search" button is located below the form. Below the search bar, it shows "206 results in your area" and a "Share results" link. A detailed listing for "A J Upholstery Ltd" is displayed, including:

- 100% positive reviews
- Website: <https://www.ajupholsterytd.co.uk/>
- Phone: 029 2061 7579
- Address: 212a Whitchurch Rd, Cardiff
- View more info

The map on the right shows a large number of blue location pins across Wales, indicating the locations of businesses in the directory. The map includes labels for various locations such as Snowdonia National Park, Brecon Beacons National Park, and several towns and cities. The Google logo is visible at the bottom left of the map.



# Step 2 – select the search radius (miles)

## Repair Directory

Broken item? No time to fix it yourself? Search the Repair Directory. This **beta release** includes comprehensive listings in 14 Welsh local authorities. We include additional businesses as we receive and accept new suggestions. Please mention the Repair Directory when you contact a business.

Find a Welsh business to repair your broken devices.

Where are you looking?  
Merthyr Tydfil

Search radius?

- 10 miles
- 3 miles
- 5 miles
- 10 miles**
- 20 miles
- 30 miles
- All Wales

206 results in your area [Share results](#)

**A J Upholstery Ltd**

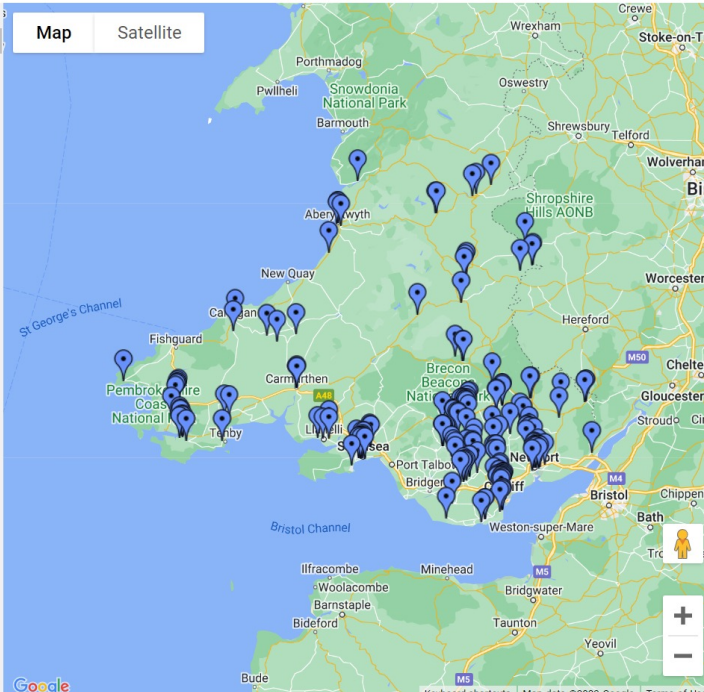
**100%** positive reviews

<https://www.ajupholsteryltd.co.uk/>

029 2061 7579

212a Whitchurch Rd, Cardiff CF14 3NB

[View more info](#)





# Step 3 – select your item (47 to choose from)

## Repair Directory

Broken item? No time to fix it yourself? Search the Repair Directory. We include additional businesses as we receive and accept new suggestions. Please mention the Repair Directory when you contact a business.

Find a Welsh business to repair your broken devices.

Where are you looking?  
Merthyr Tydfil

Search radius?  
10 miles

What do you need to fix?  
Show all product categories  
Aircon/Dehumidifier  
Apple iPad  
Apple iPhone  
Bicycle / bike / cycle  
Clothes / textiles  
Cooker / hob / oven  
Decorative or safety lights  
Desktop computer  
Digital Camera  
Dishwasher  
Fan  
Flat screen  
Freezer  
Furniture / upholstery  
Hair & Beauty item  
Handheld entertainment device  
Headphones  
Hi-Fi  
Kettle  
Lamp

## Repair Directory

Broken item? No time to fix it yourself? Search the Repair Directory. We include additional businesses as we receive and accept new suggestions. Please mention the Repair Directory when you contact a business.

Find a Welsh business to repair your broken devices.

Where are you looking?  
Merthyr Tydfil

Search radius?  
10 miles

What do you need to fix?  
Show all product categories  
Laptop  
Mobile/Smartphone  
Musical instrument  
Nintendo console  
Paper shredder  
PC Accessory  
Playstation console  
Portable radio  
Power tool  
Printer/scanner  
Projector  
Refrigerator / fridge  
Sewing machine  
Sewing repairs  
Shoes / footwear  
Show all product categories  
Small kitchen item  
Tablet  
Toaster  
Toy

## Repair Directory

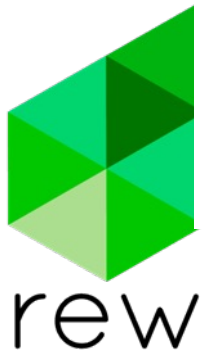
Broken item? No time to fix it yourself? Search the Repair Directory. This **beta release** includes comprehensive listings in 14 Welsh local authorities. We include additional businesses as we receive and accept new suggestions. Please mention the Repair Directory when you contact a business.

Find a Welsh business to repair your broken devices.

Where are you looking?  
Merthyr Tydfil

Search radius?  
10 miles

What do you need to fix?  
Show all product categories  
Portable radio  
Power tool  
Printer/scanner  
Projector  
Refrigerator / fridge  
Sewing machine  
Sewing repairs  
Shoes / footwear  
Show all product categories  
Small kitchen item  
Tablet  
Toaster  
Toy  
Tumble dryer  
TV  
Vacuum  
Video Camera  
Washing machine  
White goods  
Xbox console



# Step 4 – review your results

## Repair Directory

Broken item? No time to fix it yourself? Search the Repair Directory. This **beta release** includes comprehensive listings in 14 Welsh local authorities. We include additional businesses as we receive and accept new suggestions. Please mention the Repair Directory when you contact a business.

The screenshot displays the Repair Directory search interface. On the left, a search panel with a green header contains the following fields: "Where are you looking?" with "Merthyr Tydfil" entered, "Search radius?" with "10 miles", and "What do you need to fix?" with "Mobile/Smartphone". A green "Search" button is below these fields. A grey box below the search button indicates "13 results in your area". The main area shows a map of Merthyr Tydfil with several blue location pins. A detailed listing for "CEX" is visible, showing "0.3 miles" distance, "86% positive reviews", a URL "https://uk.webuy.com/site/storeDetail/?branchId=3048", and the address "4 Graham Way, Merthyr Tydfil CF47 8EG". A "View more info" link is at the bottom of the listing. The map on the right shows the surrounding area with various locations labeled and a "Map" tab selected.



# Step 5 – contact your repair agent

## Repair Directory

Broken item? No time to fix it yourself? Search the Repair Directory. This **beta release** includes comprehensive listings in 14 Welsh local authorities. We include additional businesses as we receive and accept new suggestions. Please mention the Repair Directory when you contact a business.

The screenshot displays a mobile application interface for a repair directory. A search result for 'Merthyr Phones' is highlighted with a green overlay. The overlay shows a 5-star rating, '100% positive reviews (source)', and the business type 'Mobile Phone repair'. Below this, there are buttons for 'Apple iPhone' and 'Mobile/Smartphone'. Contact details include a phone number '01685 267062', a Facebook link 'https://www.facebook.com/Merthyrphones.repair', and the address '1, Graham Way, St Tydfil Square Shopping Centre, Merthyr Tydfil CF47 8EG (0.3 miles)'. The last update date is '19/04/2021'. The background shows a map of the Merthyr Tydfil area with several other repair locations marked with blue pins. Other search results for 'Reboot' and 'Advanced' are partially visible below the main result.





# Funding & Partners



Llywodraeth Cymru  
Welsh Government

restart 



# Repair Organisation Credentials

- Repair organisations were selected via the following minimum criteria:
  1. Trading address
  2. +80% positive online reviews
  3. At least five publicly available reviews
  4. Include businesses and organisations recommended directly by CLAIRE Wales councils
- Desirable criteria:
  5. At least 1 month warranty provided on repairs





# Why?

- ✓ London Repair Directory
- ✓ Councils need a connection to the repair industry, linked to future policy and funding rounds
- ✓ We didn't know where repair happens!
- ✓ Signposting the public to local repair solutions
- ✓ Waste hierarchy and reduce waste generation – behaviour change
- ✓ To promote a circular economy
- ✓ To 'get ahead' of future non-weight based targets
- ✓ Supporting the increase of complex repair in the community

# Highest source engagement – via the A-Z

- **Cardiff** – highest source engagement
  - Link to the repair directory on their A-Z of materials
  - Given highest impact in terms of visitors to the repair directory website
  - Continues to do so with visitors at almost double what they were at 6 months
  - This was a suggestion by their council web team, as they knew the A-Z was a well used part of the website (this could differ for each LA)
- In Cardiff's A to Z of recycling when a "repairable" item is searched for, there is a prompt to check if it could be repaired using the Repair Efficiency Wales repair directory
- <https://www.cardiff.gov.uk/ENG/resident/Rubbish-and-recycling/A-Z-of-recycling/Pages/default.aspx>
- The A to Z feature is also on the Cardiff Gov app which has high levels of users
- **Carmarthenshire** – second highest source engagement
  - Also have the links on their A-Z



## A-Z of recycling

Type an item into the search box to see how to dispose of it. You can also click on a letter to see items alphabetically.

A screenshot of the Cardiff Council website's 'A-Z of recycling' page. The search bar contains 'Electrical appliances'. Below the search bar is a navigation menu with letters A through Z. The 'Electrical appliances' category is selected and highlighted. The main content area features a green circular arrow icon with a heart inside, followed by the heading 'Electrical appliances'. Below this, there is a paragraph of text: 'Take smaller electrical appliances such as toasters or kettles to your local recycling centre. If you are unable to safely transport an item in the boot of your car, you may be eligible for a bulky item collection.' There is also a small box with the REW logo and text: 'If your item is broken, check to see if it could be repaired using the Repair Efficiency Wales repair directory.' At the bottom, there are several buttons for different services: 'Repair' (checked), 'Bessemer Close' (checked), 'Recycling' (unchecked), 'Garden' (unchecked), 'Lamby Way' (checked), 'Bulky item' (checked), 'General' (unchecked), and 'Food' (unchecked).

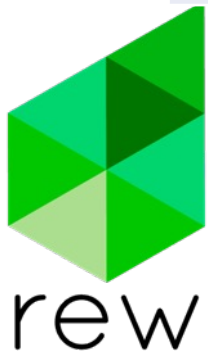
# What are users looking for?

## Of 46 item categories...

Top 5 searches ...	%
TV	11.53%
Vacuum	9.65%
Printer / Scanner	4.89%
Furniture / Upholstery	4.64%
Washing Machine	4.51%
<b>TOTAL Top 5</b>	<b>35.22%</b>

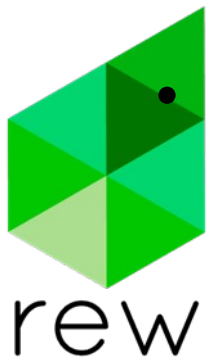
## Textile related searches...(British Fashion Council Research)

Textile related searches	%
Clothes / Textiles	2.76%
Shoes / Footwear	2.01%
Sewing Repairs	1.25%
<b>TOTAL Textiles Group</b>	<b>6.02%</b>



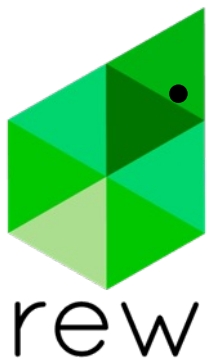
# What next?

- Review and refresh businesses on the directory
  - Add new businesses and / or remove those no longer operating – stay current
  - Direct engagement with repair businesses via email / telephone
- Source more signposting opportunities to guide users to the directory
  - Councils, Welsh Government, businesses, Repair Café Wales
- Media promotion opportunities and social media
  - Engage with existing social media platforms - Twitter and more likely, Facebook
  - Issue press materials for CLAIRE Councils to use
  - Develop a Repair App
- Invite more Councils to join – is all Wales possible? And beyond?
  - Speak to me or contact me via [Vbond@resourceefficiencywales.co.uk](mailto:Vbond@resourceefficiencywales.co.uk) to discuss opportunities to participate
- Investigate funding opportunities to help the Repair Directory excel
  - Full time repair co-ordinator?



# Final points

- The majority of people consider repair as a first option
- Many don't know where to go, so look to Councils for guidance. Trust!
  - [The Repair Directory helps them achieve their repair goals!](#)
- Still updating and gathering data to identify trends (launched April 2021)
- Councils are having hundreds of visitors redirected to [repairefficiencywales.co.uk](http://repairefficiencywales.co.uk)
- Know a repair business? Tell us [support@repairefficiencywales.co.uk](mailto:support@repairefficiencywales.co.uk) [@RepairWales](#)
- Funding for a Repair Co-ordinator?





Cyngor Sir CEREDIGION County Council



Cyngor Bwrdeistref Sirol MERTHYR TUDFUL MERTHYR TYDFIL County Borough Council



monmouthshire sir fynwy



STRONG HERITAGE | STRONG FUTURE RHONDDA CYNON TAF TREFTADAETH GADARN | DYFODOL SICR



Cyngor Abertawe Swansea Council





# Resource Efficiency Wales

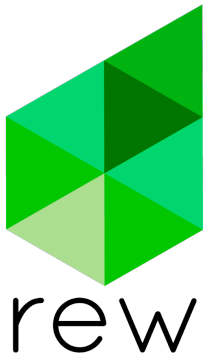
- Regional Waste Co-ordinator fully funded by participating Councils since 1997
- REW houses the RWC role (within Wales Environment Trust 1997 – 2006)
- Collaborating Local Authorities in Resource Efficiency (CLAIRE) Wales Group
- @CLAIRE\_\_Wales



James Kay  
Regional Waste Co-ordinator  
jkay@resourceefficiencywales.co.uk  
07871 031 979



Victoria Bond  
Assistant Regional Waste Co-ordinator  
vbond@resourceefficiencywales.co.uk  
07472 959 561





Thank you - Diolch



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## QUESTIONS & ANSWERS



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# THANK YOU FOR JOINING US!



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**CONTENÜR**

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## **FOOD WASTE**

*Chair: Dr Wendy Fail, Senior Waste Management  
Officer at Northumberland County Council*

Helena Jackson, WasteAware Co-ordinator,  
Hertfordshire Waste Partnership

Mark Watson, Waste Strategy Projects Officer,  
Oxfordshire County Council



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## **REDUCING EDIBLE FOOD WASTE – THE HIDDEN CHALLENGE**

Helena Jackson, WasteAware Co-ordinator,  
Hertfordshire Waste Partnership

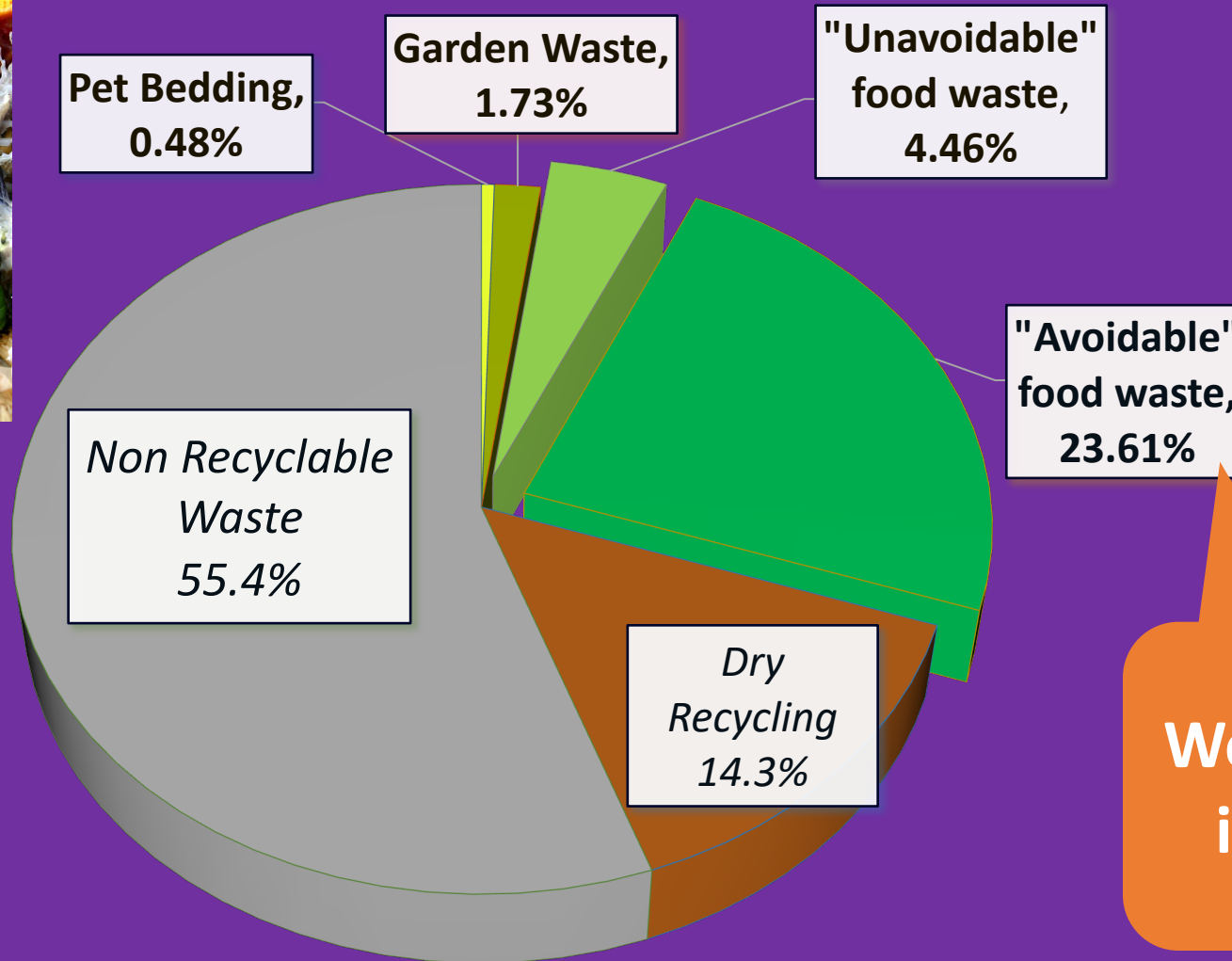
# #WorthSaving

*Reducing Edible Food Waste  
in Hertfordshire*

Helena Jackson  
WasteAware Co-ordinator



# 2020: Contents of residual (bin) waste



We're calling it 'edible'



# Save Food – Save the Planet

Tackling food waste is a major part of:

- UN Climate Change,
- UN Environment Programme,
- UN Food and Agriculture Organization and
- UN Sustainable Development programmes

UN Sustainable Development Goal 12.3 is to **halve per capita global food waste** by 2030

Reducing food waste is the #1 solution to the climate crisis – coming above electric cars, solar power and plant-based diets.

If food waste was a country it would be the 3rd largest emitter of greenhouse gases (after China & the USA).

An area larger than China is used to grow food that is never eaten.

# The impact of wasting edible food

## Quantity



## Cost



## Climate





# 9 in 10 Herts residents told us they have been affected by Cost of Living

Our latest report – Cost of Living Crisis: The Impact on Hertfordshire Residents – reveals 6500 residents who responded to our survey have felt the impact of rising costs.

# Branding - #WorthSaving



# Food waste survey results

## Top 5 reasons why people throw away food:

1. Food has reached its **Use By** date
2. I/we find stuff in the fridge/freezer/cupboards which has **been forgotten** about and has gone off
3. I/we didn't eat the **leftovers** we had saved
4. It was **not stored properly** and has gone off
5. **More food** was bought that I/we could eat



3,249 responses

Before shopping

While you shop

After you shop

Shared:  
Online  
Print media  
Face to face

- Use your Shopping list
- Don't shop hungry
- Avoid impulse purchases

- Portions
- Eat what you cook
- Leftovers
- Batch cooking

## 4 steps to save

**1**

### Plan

Check what you have

- Check your cupboards
- Meal plan
- Shopping list

**2**

### Shop

Buy what you need

**3**

### Store

in the best way

- Keep fresh for longer
- Freeze/ air tight
- Fridge temp
- Know your dates!

**4**

### Eat

what you have

# Impact of the engagement

Repeat composition work in March 23



**14.7%  
reduction in  
pilot area**

Edible food as a % of total weight of residual waste

Kg/hhld/wk of edible food in residual waste

		2020	2023	Change	2020	2023	Change
Three Rivers	Trial Area	25.30%	<b>20.60%</b>	<b>- 18.6%</b>	1.16 kg	<b>1.02 kg</b>	<b>- 12.1%</b>
Hertsmere	Control	25.72%	24.72%	- 3.9%	1.17 kg	1.20 kg	+ 2.6%



# The Results: what it tells us

- 1) 50%-70% of food waste across all household waste was EDIBLE
- 2) There was MORE EDIBLE FOOD in separate food waste bins than in the general waste stream.
- 3) All sociodemographic groups dispose of edible food
  - between 1-4 kg/HH/week.
- 4) Capture rates for food waste are much lower than DMR. Still plenty of unavoidable peelings and egg shells to capture for recycling


*... email me for the full report!*

# Communicating the message: ONLINE

- Social media
- Website
- E-newsletter
- Videos and Reels

Oct 23 - 4,200 web hits  
- 227 subscribers

Call to action:  
**Follow the 4  
steps to Save**



The graphic features various food items like a banana, onion, egg, burger, pizza, bread, orange, cucumber, and apple. The text reads: **Food waste challenge** with the hashtag **#worthsaving**. A circular logo on the right says **SAVE FOOD WORTH SAVING SAVE MONEY**.

**This might sound bananas...**

One of the top reasons food in Herts is thrown away is because we'd forgotten about it!

Grab yourself a whiteboard marker and pop the date on your Tupperware lid or add a note on the fridge door so you know which items need eating when.

Thyme to get labelling!

[www.wasteaware.org.uk/worthSaving](http://www.wasteaware.org.uk/worthSaving)

# Communicating the message: PRINT

## PRINT MEDIA

- Posters, Leaflet
- Vehicle side advertising
- Magazine advert
- Bin hangers



S EAGLE

# Why throw it away?

All of this food was found in the bin.  
50-70% of food we throw away is edible.

Give food waste the chop!

Try the 4 steps to save  
[www.wasteaware.org.uk/worthsaving](http://www.wasteaware.org.uk/worthsaving)

SAVE FOOD  
**WORTH SAVING**  
SAVE MONEY

Stevenage  
BOROUGH COUNCIL

WasteAware  
Hertfordshire Partnership  
Reduce Reuse Recycle Recover

Agripa.com at gardeners

Almost a  
**quarter**  
of waste in bins is edible food

SAVE FOOD  
**WORTH SAVING**  
SAVE MONEY

SAVE up to  
**£720**  
a year

Try the 4 steps to save  
[www.wasteaware.org.uk/worthsaving](http://www.wasteaware.org.uk/worthsaving)

WATFORD  
BOROUGH COUNCIL

WasteAware  
Hertfordshire Partnership  
Reduce Reuse Recycle Recover

Agripa.com at gardeners

# Give food waste the chop!

SAVE FOOD  
**WORTH SAVING**  
SAVE MONEY

This was thrown away

Save up to  
**£720**  
a year

Try the 4 steps to save  
[www.wasteaware.org.uk/worthsaving](http://www.wasteaware.org.uk/worthsaving)

Stevenage  
BOROUGH COUNCIL

WasteAware  
Hertfordshire Partnership  
Reduce Reuse Recycle Recover

Agripa.com at gardeners

Wasting edible food could  
cost your household up to

**£720**  
a year

SAVE FOOD  
**WORTH SAVING**  
SAVE MONEY

Give food waste the chop!

Try the 4 steps to save  
[www.wasteaware.org.uk/worthsaving](http://www.wasteaware.org.uk/worthsaving)

WasteAware  
Hertfordshire Partnership  
Reduce Reuse Recycle Recover

Stevenage  
BOROUGH COUNCIL

Agripa.com at gardeners

# Communicating the message: In person

## FACE TO FACE

- Schools assemblies
- Community talks
- Local events



# Opportunities to see – Summer 23

Information  
stalls

School  
assemblies

E-  
bulletins

Council  
Magazine  
articles

Summer  
events

Reach of  
178,000 people

Community  
talks

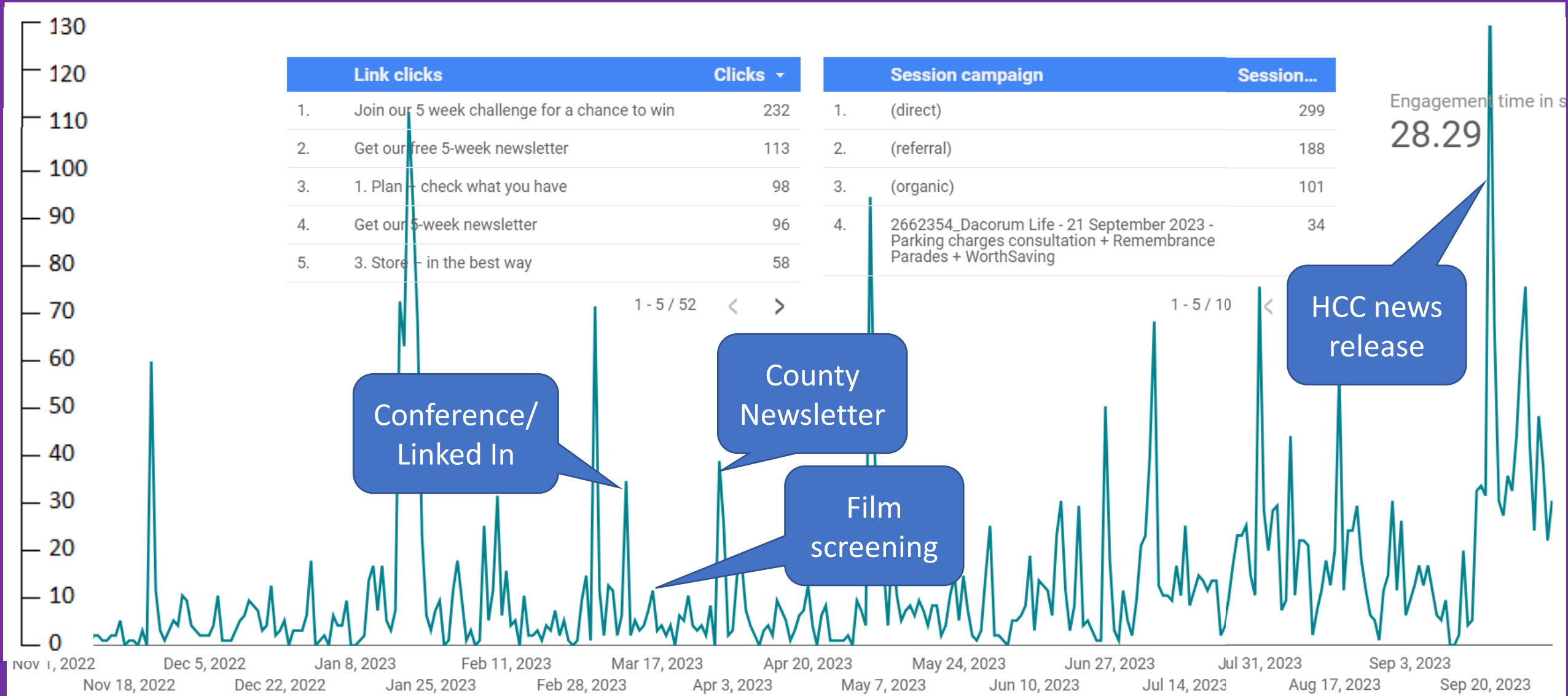
Community  
Magazine  
adverts

Media  
releases

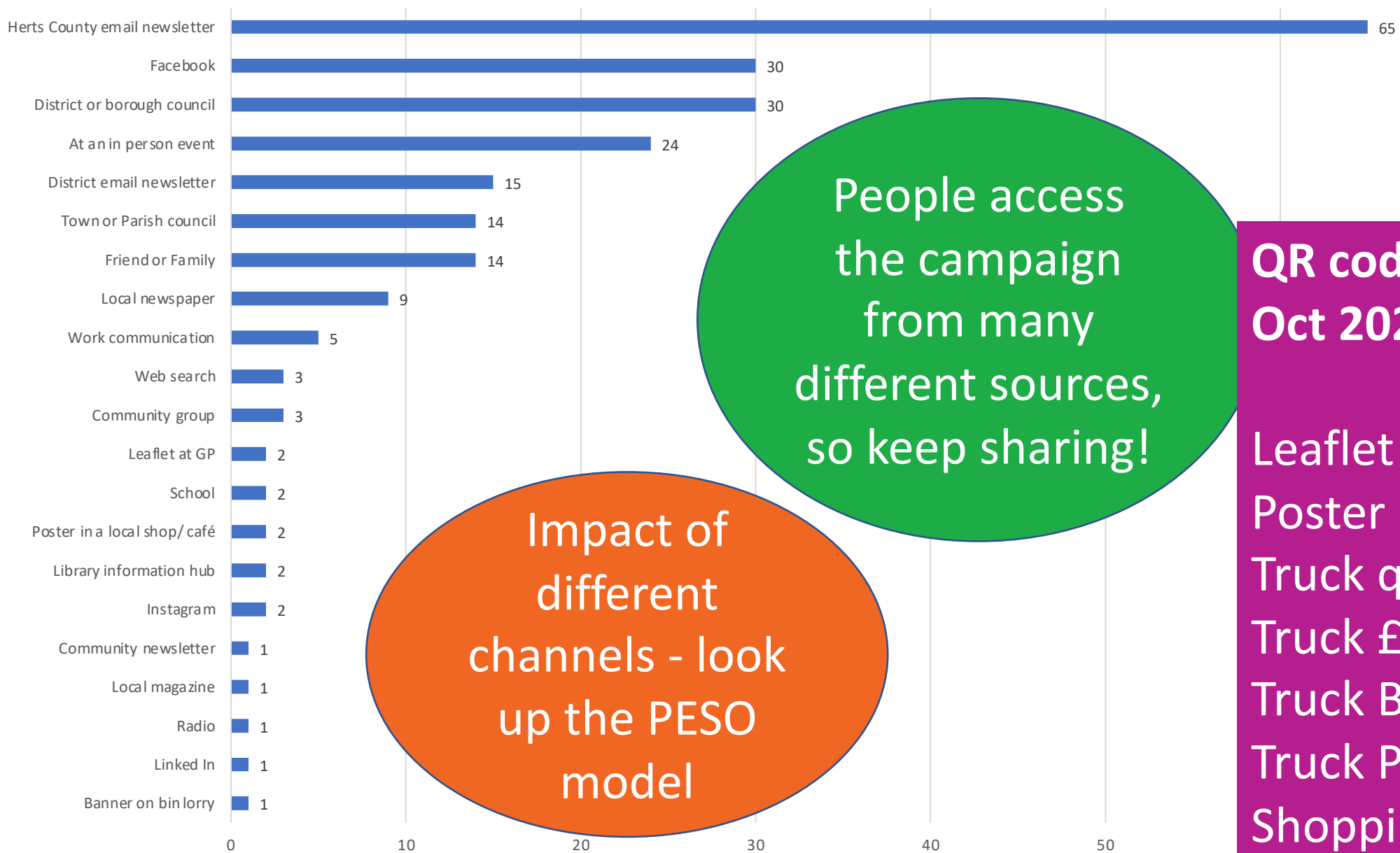
Waste  
vehicle  
signage

Social  
media

# Stats... Web hits per week Nov 22 – Sept 23



### Method of hearing about the Newsletter Challenge



People access the campaign from many different sources, so keep sharing!

Impact of different channels - look up the PESO model

### QR code analytics Oct 2023

Leaflet	96
Poster	66
Truck quarter	38
Truck £720	25
Truck Bread	21
Truck Plate	21
Shopping list	13



# Post-newsletter survey findings

- 23% completed the survey (12 of 52)
- Did they succeed in learning new habits?
  - 33% - check cupboards/ plan ahead
  - 25% - made a shopping list
  - 25% - new tips for leftovers
- Most useful elements were:
  - Hints and tips (82%)
  - Cost reminders (66%)
  - Carbon reminders (50%)
  - Meal planning (42%)

Excellent - Enjoyed weekly emails

Changes contributing most to reducing food waste:  
**stock checking** and **better storage**

"Good to be reminded of common-sense basics."

# Lessons Learnt

- An iterative campaign is ok. Make changes as you learn.
- Social media posts with real people had better engagement than those featuring food. However, specific messages gave the best engagement: a clear action OR fact around why to change habits.
- Tracking has shown the impact of our efforts. Engaging with local community groups and existing networks has been effective.
- Face-to-face conversation is a great way of raising the issue
- We can - must - reduce the amount of edible food entering the system

# Thank you... and please get in touch

- Webpage: [www.wasteaware.org.uk/worthSaving](http://www.wasteaware.org.uk/worthSaving)
  - use the 'contact us' box on the page
- Email me: [Helena.Jackson@hertfordshire.gov.uk](mailto:Helena.Jackson@hertfordshire.gov.uk)
- Follow us on social media: [@HertsWasteAware](https://www.instagram.com/HertsWasteAware)





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## **FOOD WASTE**

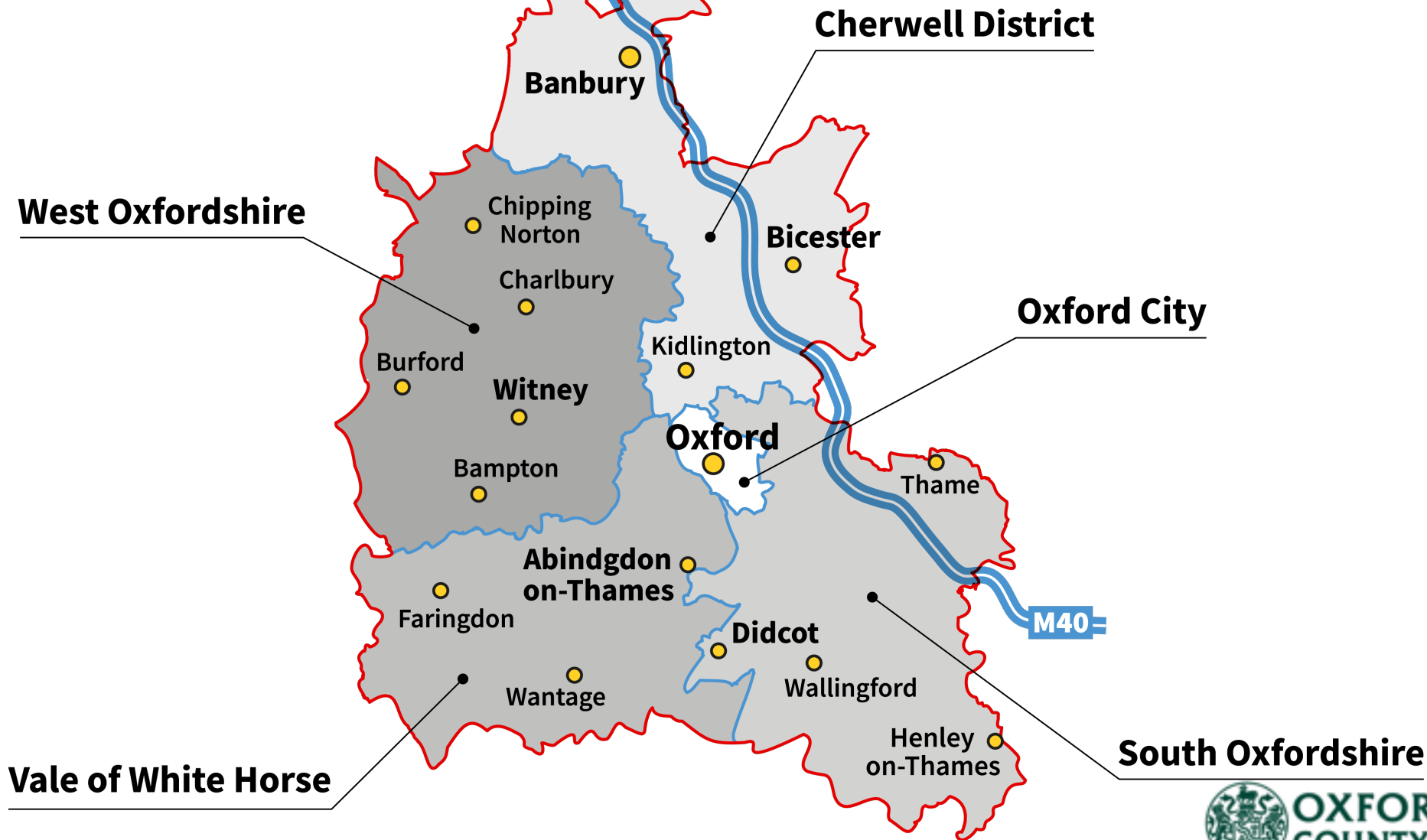
Mark Watson, Waste Strategy Projects Officer,  
Oxfordshire County Council



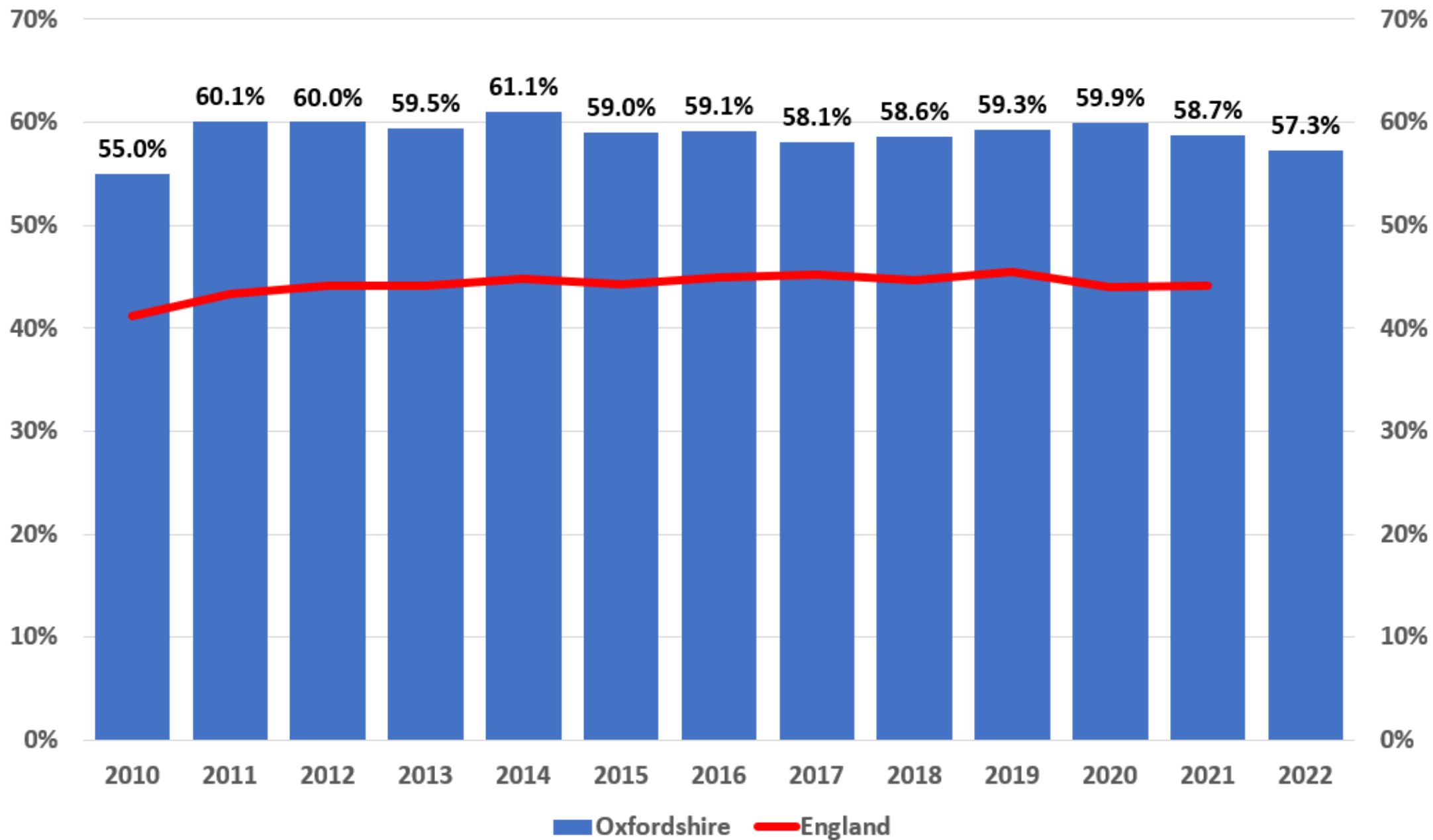
# Recycle Your Food Waste Campaign

## **RECYCLING YOUR FOOD WASTE**

**Tell us what you think!**



# Oxfordshire vs England Recycling Rate



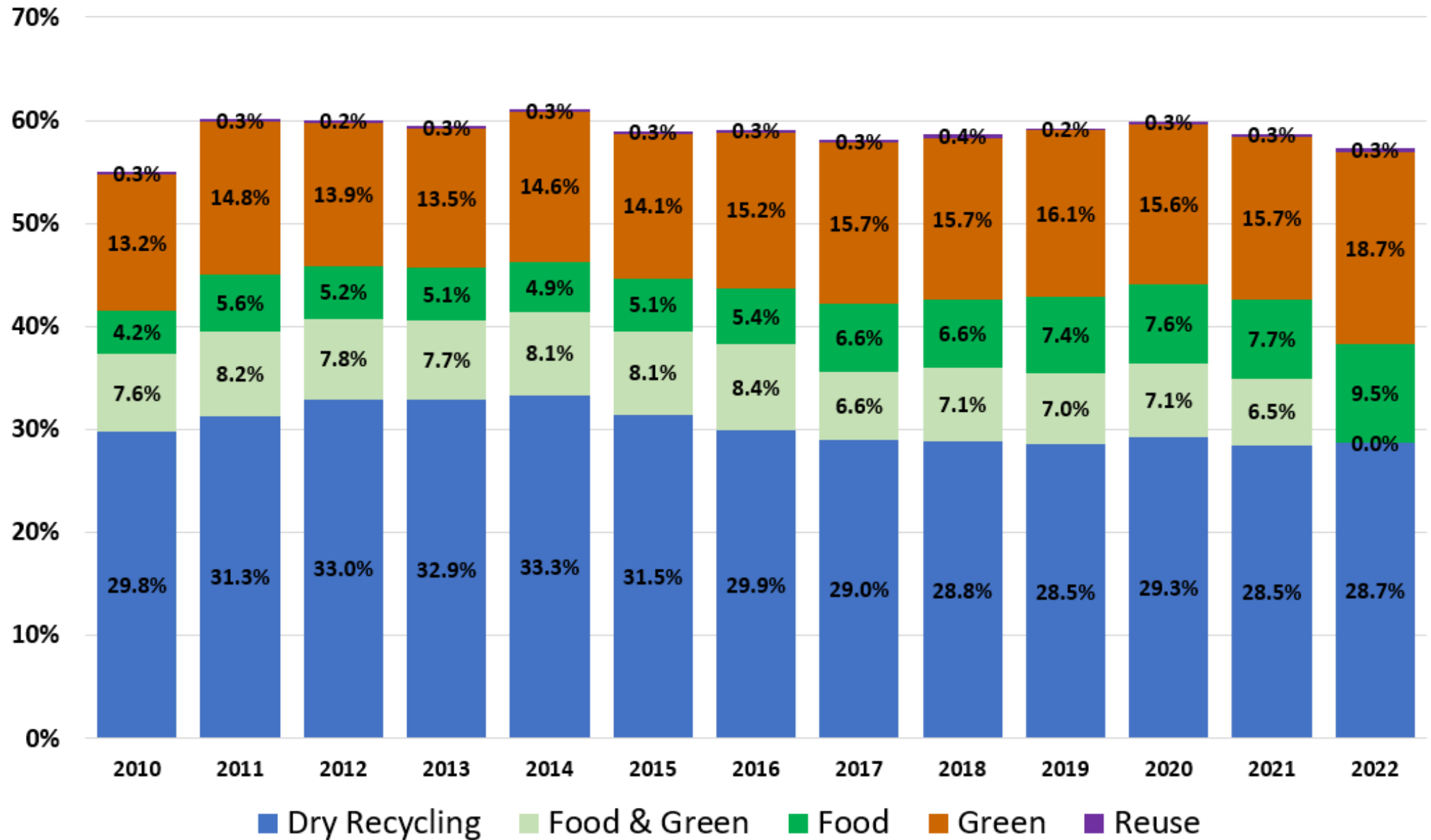
# A brief history of food waste recycling





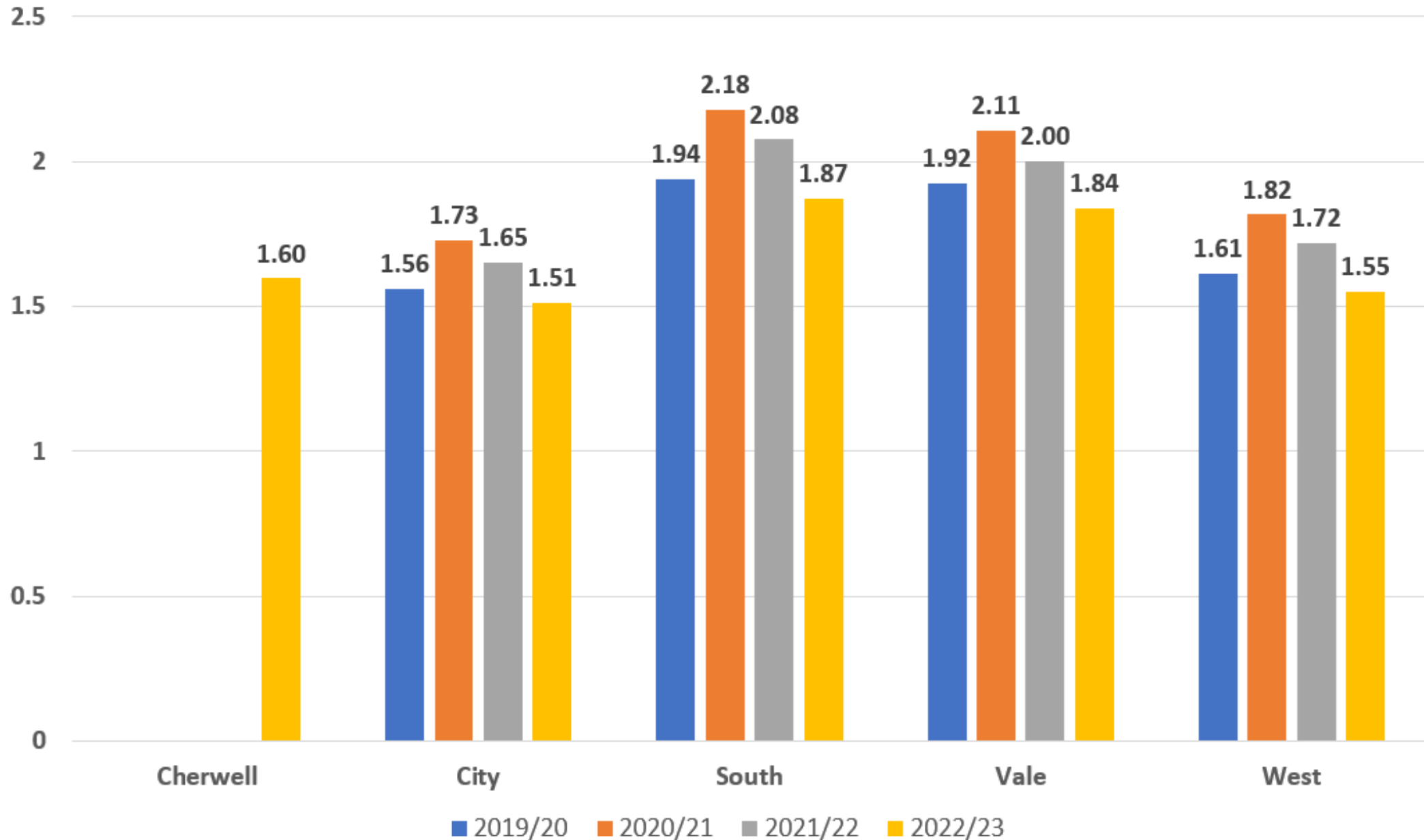


## Breakdown of recycling rates - Oxfordshire





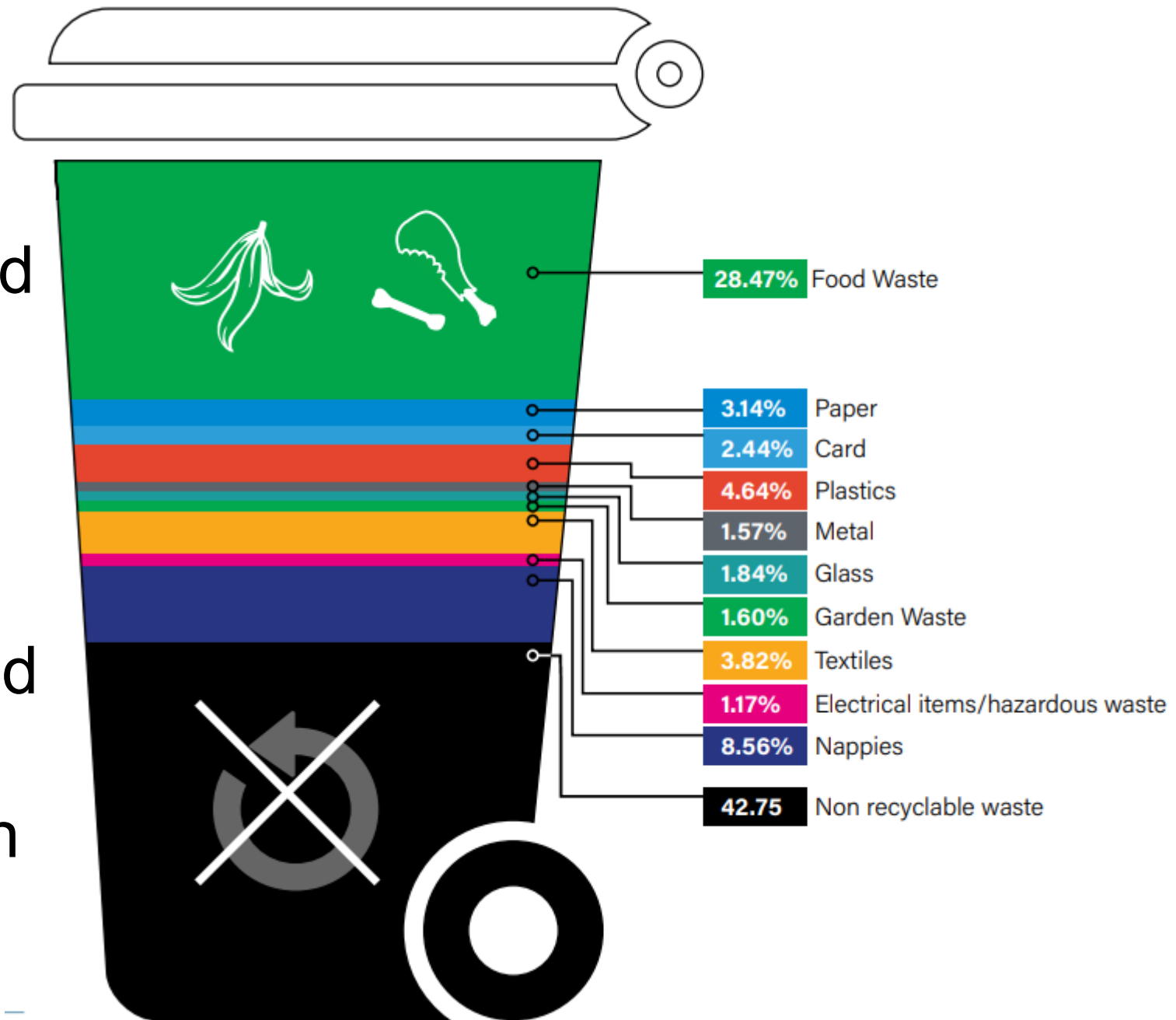
# Food yields per household (kg per week)





# Why target food waste?

- Still makes up around a quarter of general waste
- Significant cost savings to recycle
- Collections fully rolled out
- Drive up participation and capture





# Recycling comms approaches

- Oxfordshire Recycles “brand” at County Level
- Historically OCC comms focus on food waste reduction
- Districts run their own campaigns on collection
- Contract rebate mechanism creates food waste fund
- Centrally run project – economy of scale
- Reduced scope during Covid years – little face-to-face
- 2022 project – targeted doorstepping



# Contracts for targeting and training

- District councils selected rounds in their areas
- Contract let to local company to gather a single week of “set-out” data
- Team only called at households that had not set out a caddy on the monitored collection day
- Contract let to Resource Futures to develop and deliver training package for doorstep staff



# Main project scope

- Call at target households in each district area
- Talk to residents about food waste recycling
- Break down barriers to participation
- Provide caddies (if needed), caddy liners and information
- Initial target to call at over 30,000 households. Final figure was approx. 15,000 (5% of Oxfordshire!)
- Target team size of 8 – often under resourced

# A conversation built around a survey

- Survey data collected using Let'sTalk and entered using smartphones
- Residents could also click through and complete online





# Branding







Introducing  
your guide  
to **RECYCLING  
FOOD  
WASTE**









**Did you know**  
that your council has  
been collecting food  
waste for recycling from  
every household in your  
area for 10 years?



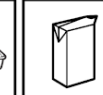
 Oxfordshire recycles


 **food waste**

**Yes Please**

					
dairy	fish	fruit & vegetables	meat & bones	bread & pastries	tea & coffee grounds

**No Thanks**

			
food tins & drink cans	mixed glass bottles & jars	household plastic packaging	cartons

 Oxfordshire recycles  
[oxfordshirerecycles.org.uk/foodwaste](https://oxfordshirerecycles.org.uk/foodwaste)

KEEP AWAY FROM BABIES AND CHILDREN - DANGER OF SUFFOCATION  
STORE IN COOL, DRY CONDITIONS AWAY FROM SUNLIGHT

**RECYCLE  
YOUR FOOD WASTE**



[oxfordshirerecycles.org.uk/foodwaste](https://oxfordshirerecycles.org.uk/foodwaste)

 Oxfordshire recycles

 OXFORDSHIRE COUNTY COUNCIL

**WASTE WIZARD**

**Your mission...**

Use the Waste Wizard  
online recycling tool  
and kill the confusion



[oxfordshire.gov.uk/wastewizard](https://oxfordshire.gov.uk/wastewizard)

 Oxfordshire recycles

 OXFORDSHIRE COUNTY COUNCIL

An information pack to help you

**Sorry we missed you!**  
We called at your house  
to talk to you about food  
waste recycling today

**RECYCLE  
YOUR FOOD WASTE**

[oxfordshirerecycles.org.uk/foodwaste](https://oxfordshirerecycles.org.uk/foodwaste)



Visit [oxfordshire.gov.uk/foodwastesurvey](https://oxfordshire.gov.uk/foodwastesurvey)  
to complete our food waste recycling survey  
or scan the QR code

If you need a copy of the survey in another  
format, please call 01865 792 422

This survey closes on  
**30 September 2022**

 Oxfordshire recycles

 OXFORDSHIRE COUNTY COUNCIL

Thank you for taking part in our survey



**RECYCLE  
YOUR FOOD WASTE**

[oxfordshirerecycles.org.uk/foodwaste](https://oxfordshirerecycles.org.uk/foodwaste)

Scan the QR code to watch videos about food waste  
collections and how we recycle your food waste

To find out how we use your data visit  
[oxfordshire.gov.uk/privacynotice](https://oxfordshire.gov.uk/privacynotice)  
or call 01865 792422

 Oxfordshire recycles

 OXFORDSHIRE COUNTY COUNCIL

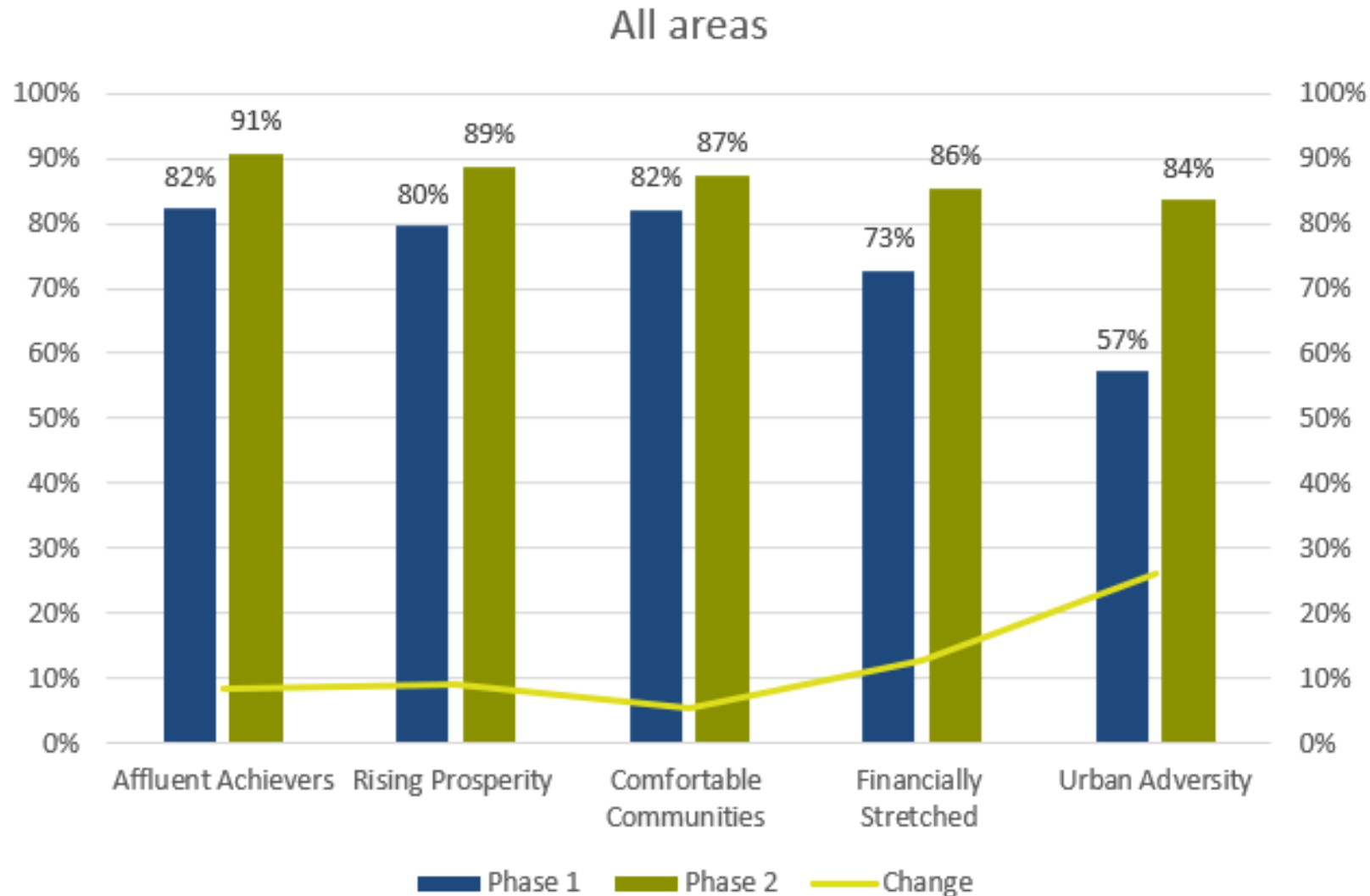




# Electric vehicles



# Outcomes – change in participation





# Challenges

- A difficult year for recruitment and outsourcing
- Initial job advert – two applicants for eight posts
- Attempted outsource not successful – mostly due to recruitment risks
- Ran mostly with agency staff – much higher levels of input from Council staff to recruit, appoint, manage and train
- Data management from set out monitoring
- The heat!!!!



# Next steps

- Used the learning from last year to re-run this year
- Smaller project – lower budget
- Much more successful recruitment
- Used ACORN profiles to target in some areas
- Developing a GIS led data collection and survey system



Thank you



**RECYCLING**  
**YOUR FOOD WASTE**

**Tell us what you think!**

Mark Watson  
Waste Strategy Projects Officer

[mark.watson@oxfordshire.gov.uk](mailto:mark.watson@oxfordshire.gov.uk)





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## QUESTIONS & ANSWERS



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## TEA, COFFEE & NETWORKING





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## LUNCH & NETWORKING



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## **ENGLAND (GARDEN WASTE FOCUS)**

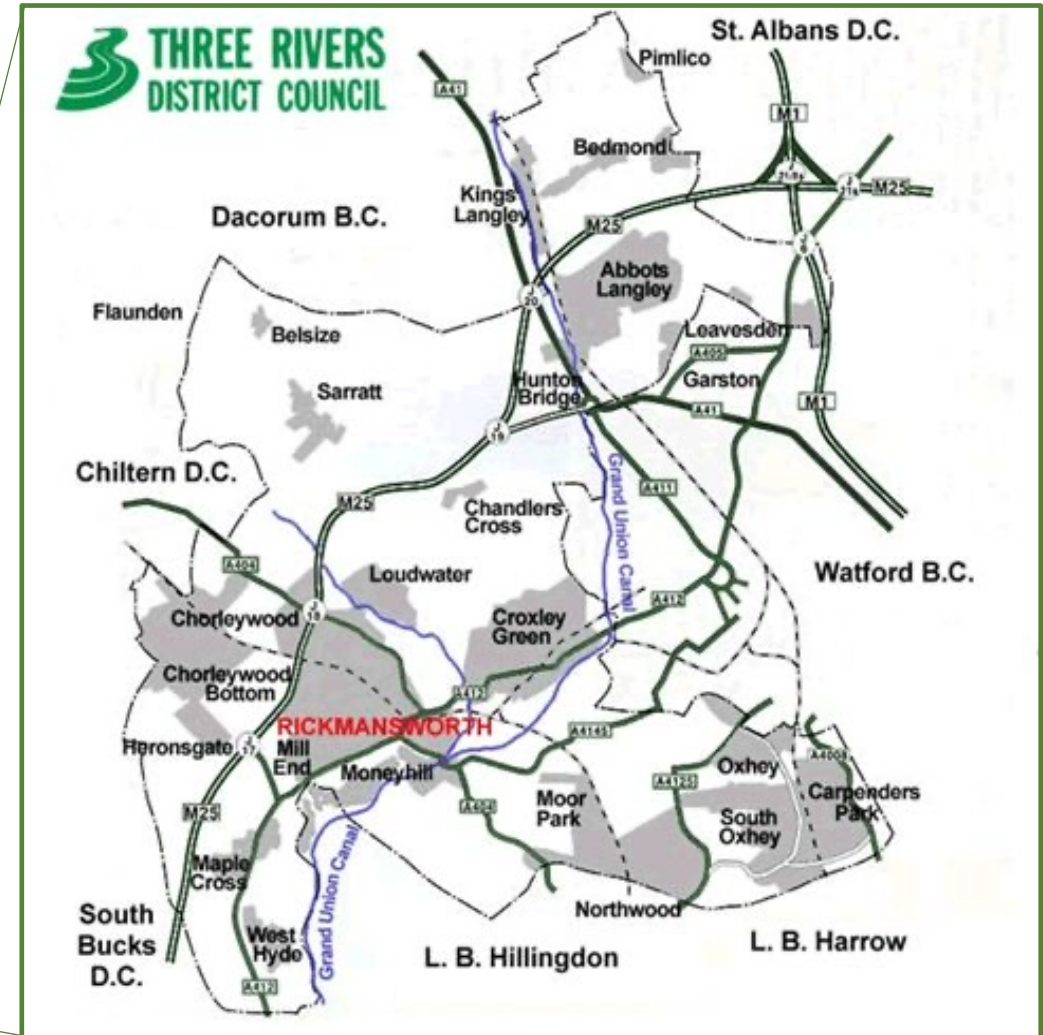
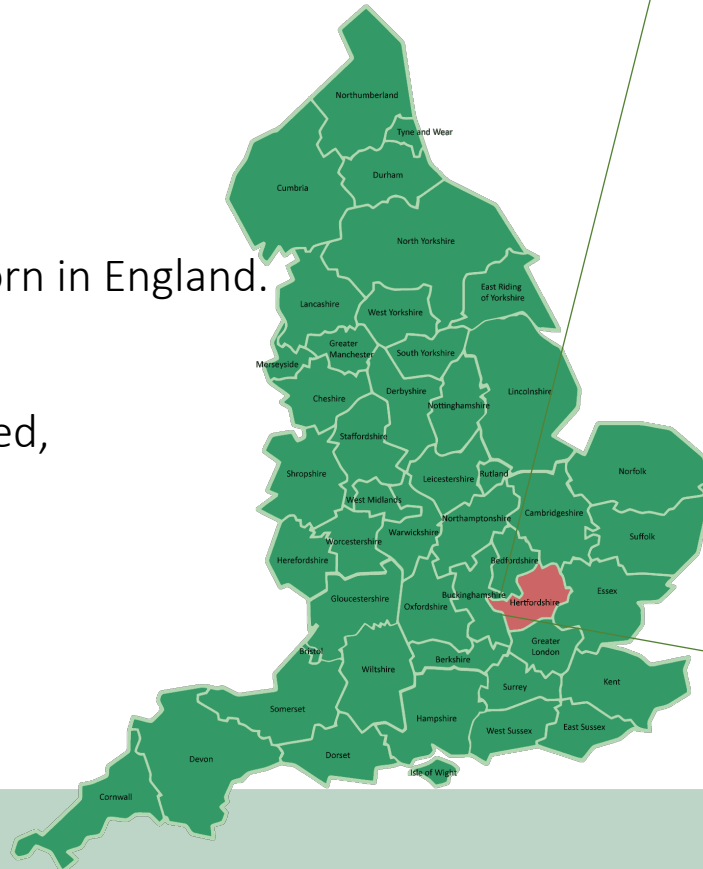
Elen Dolder, Climate Change, Sustainability, and Recycling  
Officer, Three Rivers District Council

# Waste and Recycling in Three Rivers

Elen Dolder

# Three Rivers (The Colne, The Gade and The Chess)

- South West Hertfordshire.
- Border three Hertfordshire and two Buckinghamshire District /Boroughs as well as two London Boroughs.
- 93,800 residents.
- 78.9% of the population were born in England.
- 13.4% of homes are private rented, 14.8% social renting.
- No colleges or universities



# Waste collections over the years

Pre 2002 – Black sack collection (weekly), paper and plastic box (fortnightly)

2002 – Refuse wheeled bin (weekly) and addition of a glass box (fortnightly)

2005 – Brown bins for food, cardboard and garden waste (fortnightly)

2011 – Frequency change; brown bin (weekly), refuse (fortnightly), recycling boxes (fortnightly)

2014

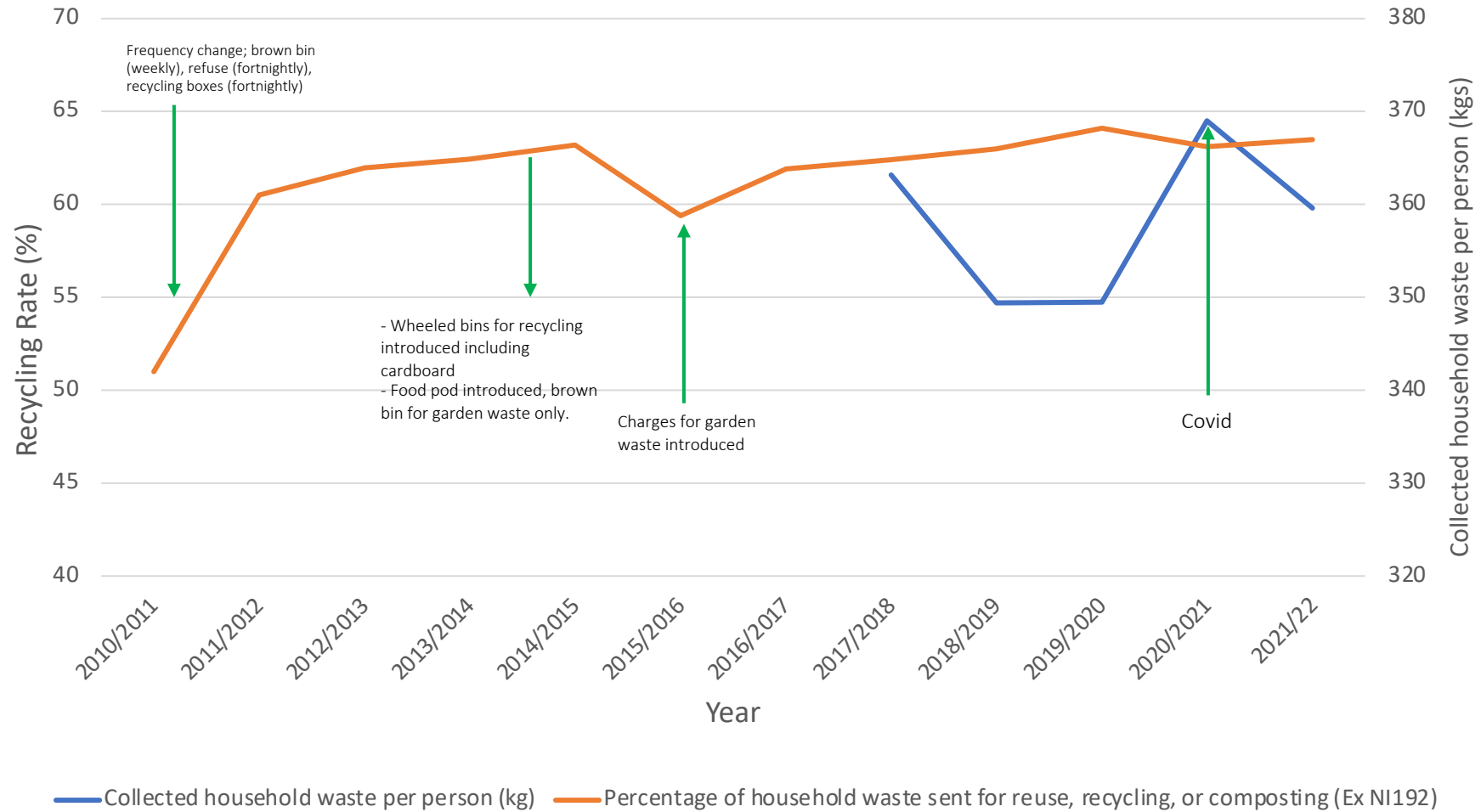
June – wheeled bins for recycling introduced (weekly), including cardboard (removed from garden waste)

October – food pod introduced (weekly), brown bin for garden waste only (fortnightly)

2016 – Charge for garden waste commenced (July)

# Recycling and waste rates

Recycling and household waste in Three Rivers 2010-2021



# What do our bins look like?





# Garden waste collections



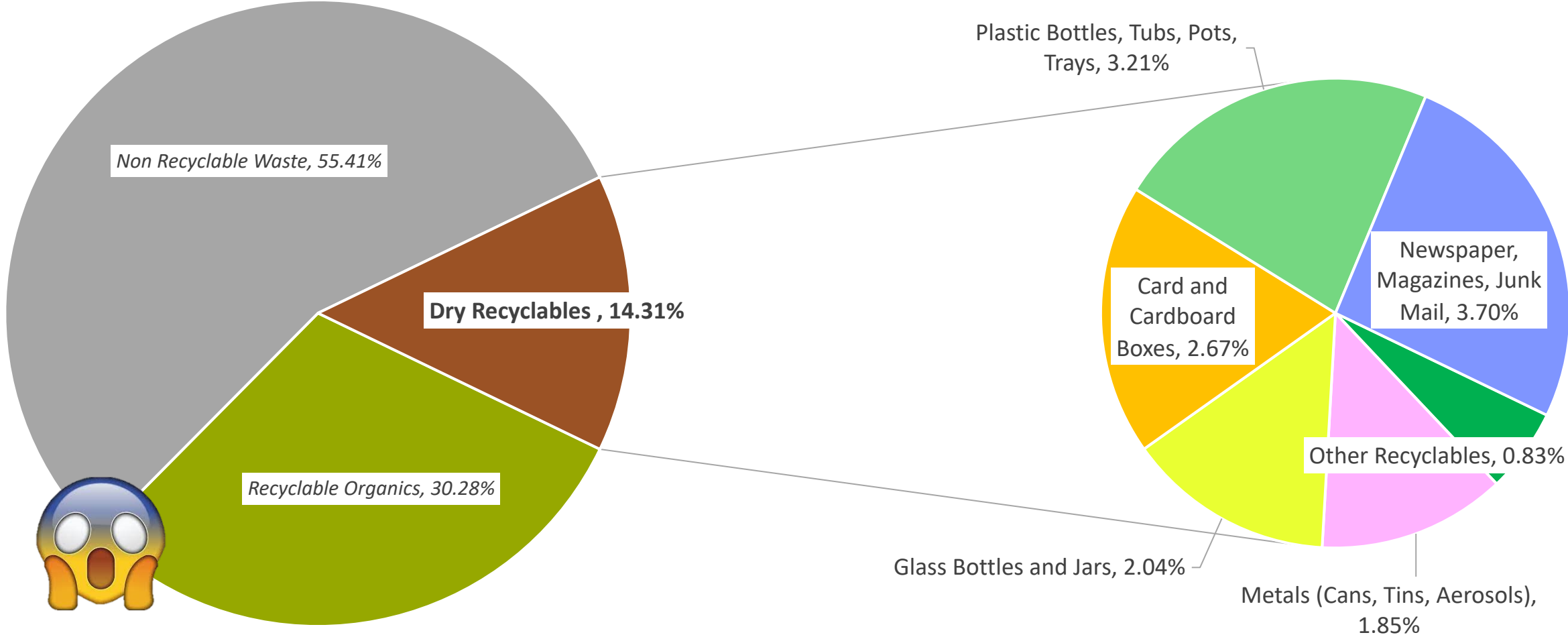
- Across the District, **22,314** households pay for garden waste collections.
- Of our 63.5% recycling rate, it's around a 50/50 split of organic and dry mixed recycling, garden waste accounted for **34 %** (6739tns), food 14%,and dry mixed recycling 52%.
- Subscription currently cost £60 (£50 if you receive certain benefits). Second and third bins cost £105 each per year (2023).
- If you subscribe within the first six months of the sign-up period, residents pay the full cost. If residents subscribe within the last six months, the fee will be reduced by 50% for the first bin.

# Garden waste collections

- One collection dropped over the Christmas.
- Composted at IVC Facility
- Compost giveaway



# What's in our refuse bins?



# #WorthSaving Save Food, Save Money



SAVE FOOD  
**WORTH SAVING**  
SAVE MONEY

Wasting edible food could be costing you up to **£720** a year

It's easy to give food waste the chop by following the **4 steps to save**.  
To dig in, scan the code or visit:

[www.wasteaware.org.uk/worthsaving](http://www.wasteaware.org.uk/worthsaving)



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# 4 steps to save

## 1 Plan Check what you have

For starters, check your fridge and cupboards so you know what you have in stock, then you can buy what you actually need.

Plan your meals for 4 or 5 nights a week based on what your household is up to for the week ahead. Find great apps to help you on our webpage.

Plan in a 'use up' meal or 'flexipie' for a creative way to eat any leftovers before you go shopping.



**One of the top reasons we throw away food is that we buy too much. Ciabatta believe it!**

## 2 Shop Buy what you need

Use your meal plan as the basis of your list. Writing a shopping list and sticking to it in the shops can save you up to £11 per shop.

Shop flexibly. If you can't find the exact ingredients for your meal plan, adapt your menu with some easy swaps and buy a suitable alternative.

Don't shop hungry – research shows you're more likely to buy extra things that you don't need.



**Only choose multi-buy or offers if you'll eat it. It's not a bargain if it goes in the bin.**

It's easy to give food waste the chop just by tweaking what we do across

# 4 steps to save

## 3 Store in the best way

Storing food in the best way keeps it fresher for longer. Most fruit and veg do well in the fridge, but not bananas. Keep potatoes in the dark.

Use by dates are about food safety. Eating food past this date could make you ill, but best before dates are about quality. Most food is fine to eat after this date, just give it a sniff first.

Have an 'eat me first' shelf in the fridge to highlight items that might otherwise get forgotten.



**Having your fridge below 5 degrees will keep food fresher for longer.**



## 4 Eat what you have

One of the top 5 reasons for wasting food in Hertfordshire is not eating what we cook.

Knowing how much to cook means getting the portions right. Visit our webpage for a portion planner to get the right sized meals.

Cook once, eat twice to save thyme (!) and money by preparing extra portions when you cook to eat another day.



**Search online for recipes using ingredients that need using up. What could you make with excess bread or cooked potatoes?**

# Herts Reusable Nappies



Register for support and discounts >



THE ECO CHOICE  
Simply wash & reuse



[WasteAware.org.uk/ReusableNappies](http://WasteAware.org.uk/ReusableNappies)  
#ChangingNappies



HERTS  
Reusable  
Nappies



HELP CHANGE  
NAPPIES IN HERTS



[WasteAware.org.uk/ReusableNappies](http://WasteAware.org.uk/ReusableNappies)  
#ChangingNappies



CURIOUS ABOUT  
REUSABLE NAPPIES?



[WasteAware.org.uk/ReusableNappies](http://WasteAware.org.uk/ReusableNappies)  
#ChangingNappies

# Herts Sustainable Periods



Better for you & the planet. Period.

# Communicating with our residents



Baby Clothes Swap

Refresh your baby's wardrobe next month

threeivers.gov.uk

THREE RIVERS DISTRICT COUNCIL



**FREE EVENT**  
BOOKING REQUIRED

Film clips, talks and panel discussions all about the world of fast fashion and sustainable clothing

**TUESDAY 1 NOVEMBER 2022**  
6.30pm - 9pm

watersmeet

THE SOUTH-WEST HERTS GREAT BIG GREEN WEEK

THREE RIVERS DISTRICT COUNCIL

watersmeet.co.uk 01923 711063



**CHANGING NAPPIES?**  
Join our Nappy Natter!

In Herts alone we create 15,800 tonnes of disposable nappy waste costing £1.7 million to throw away each year.

Hertfordshire residents can apply for **15% off** with selected suppliers

Join us to learn more about reusable nappies with a live demonstration

**HERTS Reusable Nappies**

Friday 21 April 11am - 11.30am  
Abbots Langley Library

Tuesday 25 April 11.45am - 12.15pm  
Oxhey Library

Tuesday 2 May 11am - 12.30pm  
Croxley Green Library



**25TH SEPTEMBER 2022**

THE SOUTH-WEST HERTS GREAT BIG GREEN WEEK

**Clothes Swap**

**RICKMANSWORTH LIBRARY**

1.30 - 3.30

PLEASE DROP YOUR CLOTHES TO RICKMANSWORTH LIBRARY  
MONDAY 19TH, TUESDAY 20TH, THURSDAY 22ND  
11AM - 1PM  
FRIDAY 23RD 3.30 - 5.30PM  
SUNDAY 25TH 10AM - 12PM

SCAN ME



**FREE textiles collection we take**

clothes, paired shoes, belts, handbags, curtains, towels and bed linen

[my.threerivers.gov.uk](http://my.threerivers.gov.uk)

WasteAware

THREE RIVERS DISTRICT COUNCIL



SUNDAY 12 MARCH 2023  
11am  
Disney • PIXAR  
**WALL•E**

This FREE film is being shown in support of GLOBAL RECYCLING DAY

**FREE BOOKING REQUIRED**

watersmeet

THREE RIVERS DISTRICT COUNCIL

watersmeet.co.uk 01923 711063



**Cushion Craft**  
no sewing required

threeivers.gov.uk

THREE RIVERS DISTRICT COUNCIL





# What's next?

- Focusing on #WorthSaving food waste campaign
- Hopefully, our overall waste tonnages continue to go down
- New campaigns and projects

# Any questions?



[www.threerivers.gov.uk](http://www.threerivers.gov.uk)



[enquiries@threerivers.gov.uk](mailto:enquiries@threerivers.gov.uk)



Three Rivers District Council



@threeriversdc



[Elen.dolder@threerivers.gov.uk](mailto:Elen.dolder@threerivers.gov.uk)



[www.linkedin.com/in/elen-roberts/](http://www.linkedin.com/in/elen-roberts/)

# Extra links

Hertfordshire Waste Partnership Annual Report 2020/21 – break down of how much we waste, what is recycled, what is composted, where it goes, and the campaigns/projects being run across Hertfordshire: <https://www.hertfordshire.gov.uk/media-library/documents/environment-and-planning/waste-and-recycling/residual-waste-treatment-contracts/hwp-annual-report-20-21-accessible-version-2-002.pdf>

Our A-Z of what to do with different types of waste: <https://www.threerivers.gov.uk/egcl-page/to-recycle-or-not-to-recycle>

All of our recycling/waste information and guidance: <https://www.threerivers.gov.uk/egcl-page/rubbish-waste-and-recycling>

All of our climate and sustainability information and guidance: <https://www.threerivers.gov.uk/egcl-page/climate-emergency>



# LARAC

## CONFERENCE

### CELEBRATION AWARDS

# 2023



Headline Partner



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## **NORTHERN IRELAND (WASTE STRATEGY AND COMMON COLLECTION GUIDANCE)**

Tim Walker, Chief Executive, ARC21

**LARAC Conference – 12 October, 2023**

# NI (Waste Strategy & Common Collection Policy)

Tim Walker  
Chief Executive  
arc21



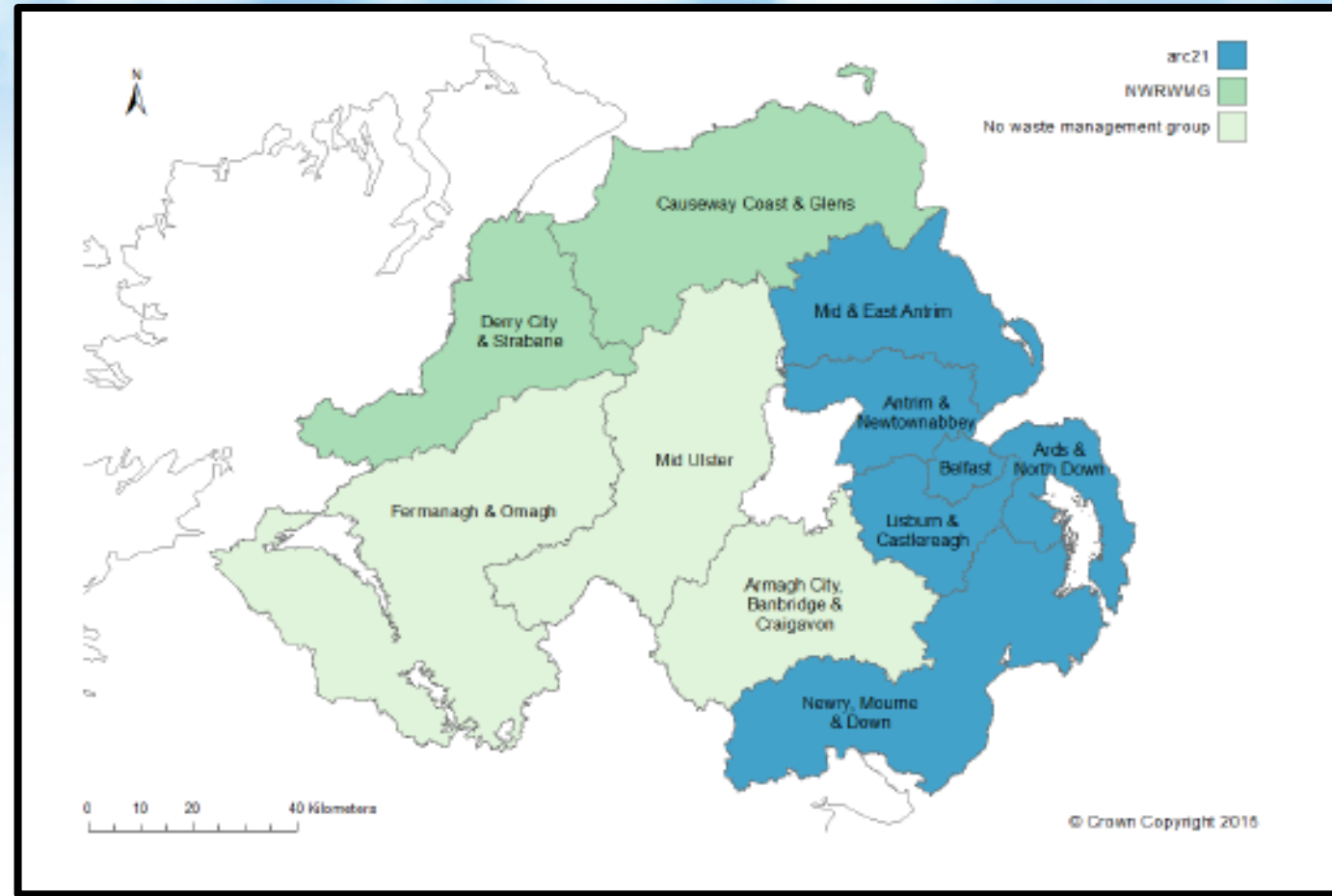
# Who am I?

- Chief Executive – arc21: 4+ years
- Head of Waste, Belfast City Council: 20+ years
- Member, DEFRA Advisory Committee on Packaging (ACP)
- Member, DfE Circular Economy Network
- Member, DAERA Bio-Ban Working Group
- Senior Vice President – CIWM
- Member – Waste Network Co-ordinators



# NI Councils & Waste Groups

arc21 – 6 x  
councils,  
59% of pop =  
60% of MSW  
(c. 600KT)  
Joint  
Committee  
20+ years  
(waste =  
5MT, value c.  
£0.5bn)



# Context

- Land area – 14,130 km<sup>2</sup>
- Population – 1.885 million (2019)
- Local Government Reform (2015) – 26 councils reduced to 11 (*legacy collection systems remain*)
- Food Waste Regs (NI) 2015
- 5 x political parties
- New Decade, New Approach (2020)
- *The **Green Growth Strategy** sets out an ambitious vision and a framework for delivery with which all other NI Government policies and strategies must align. It provides us with a vitally important opportunity to embed wider climate change, a green economy and environmental considerations into decision making.*
- Draft Strategy approved by Ministers Oct 2021
- Consultation completed Dec 2021
- Redraft approved by DAERA Minister
- Awaiting return of NI Executive







# Linear v Circular Economy



## Base

- Circularity metric: 7.9% (the share of secondary materials in NI economy)
- NI's material footprint: 16.6T/capita/year
- NI's CO2 footprint figure: 9.1T emissions/capita/year





# Resource - related target

- Circularity Growth Report (CGR) gives NI pathways to double its circularity metric / reduce its material footprint by 50%
- CGR recommended NI set resource-related targets to put use on par with emission reductions
- The UN advises that to live sustainably, NI should only use between 6-8T person/year
- **By 2050, we will have reduced our material footprint to 8T/person/year**



## Consultation Responses

1. A system-wide approach and alignment with other agendas is necessary, namely the **Climate Change Act** and **Green Growth**
2. A desire for clarity on Government action
3. Firm commitment to collaborate and the mechanisms to create same
4. Evidence base should be more visible – context for target and proposals
5. Need for interim targets, action plans and greater ambition. **'2050 is too far away'**
6. Greater emphasis on prosperity for all, equality and social justice – less on economic growth
7. Be clear on waste management in the Circular Economy to deliver systems change



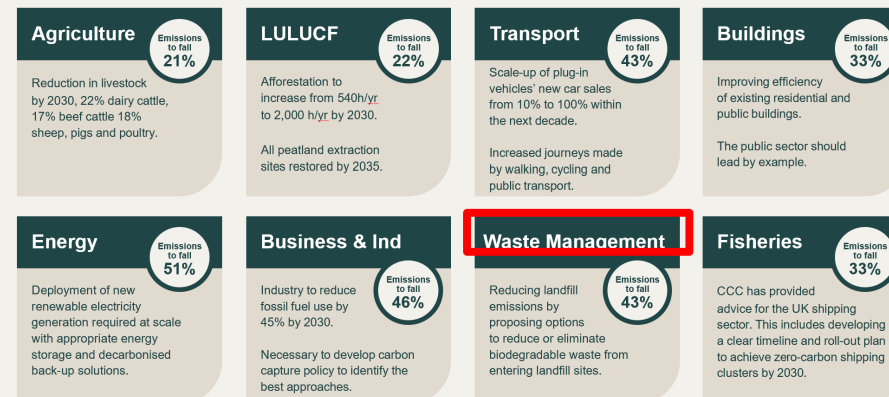
# Climate Action Plan

- DAERA is developing NI's first Climate Action Plan (CAP) – required by Climate Change (NI) Act 2022
- 16 x week consultation on the draft CAP, launched 21 June
- CAP set out approach to meeting carbon budget for 2023 to 2027, and also interim targets for 2030, 2040 and the overall net zero by 2050.
- Also seeking views on the CCC's pathway to net zero advice
- Consultation closes 11 October 2023
- Focus – a draft CAP that is timely, evidence-based, informed by stakeholders and will deliver emissions reductions
- Recognising the role of Ministers/Assembly, officials are considering what progress is possible in the absence of an Executive and a sitting Assembly.

## Climate Change Act NI 2022

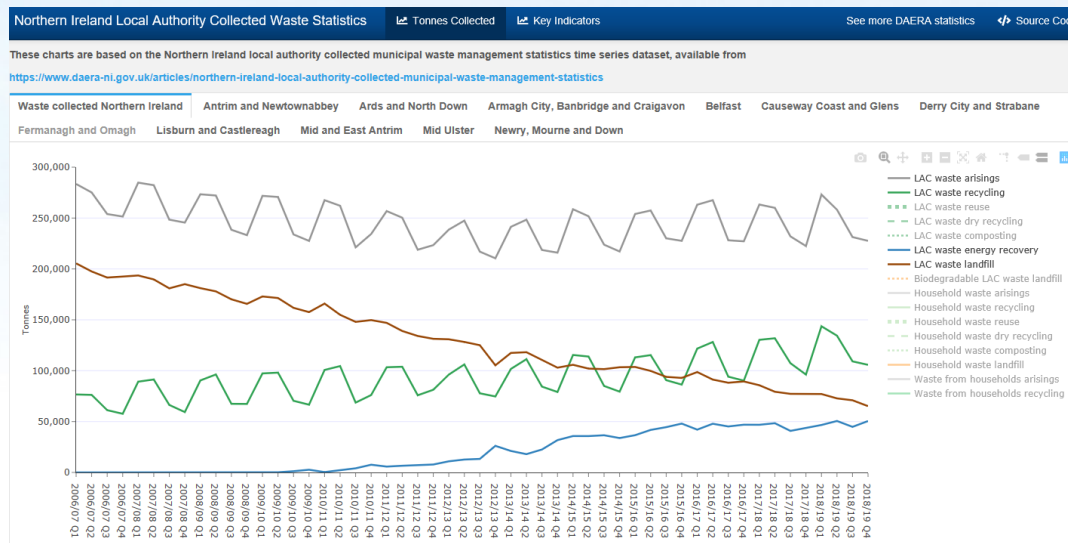


## CCC Near Term Actions (by 2030)

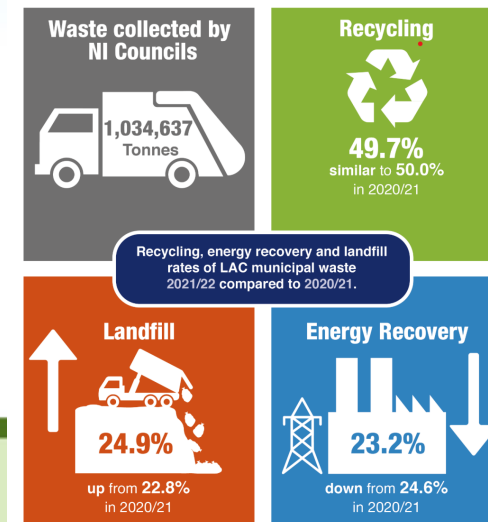


# Current Performance

NI's councils collected 1,034,637T of waste during 2021/22 which was similar to the amount collected in 2020/21. During 2021/22, 49.7% of waste collected by councils was sent for recycling which was also similar to the recycling rate in 2020/21 (50.0%).

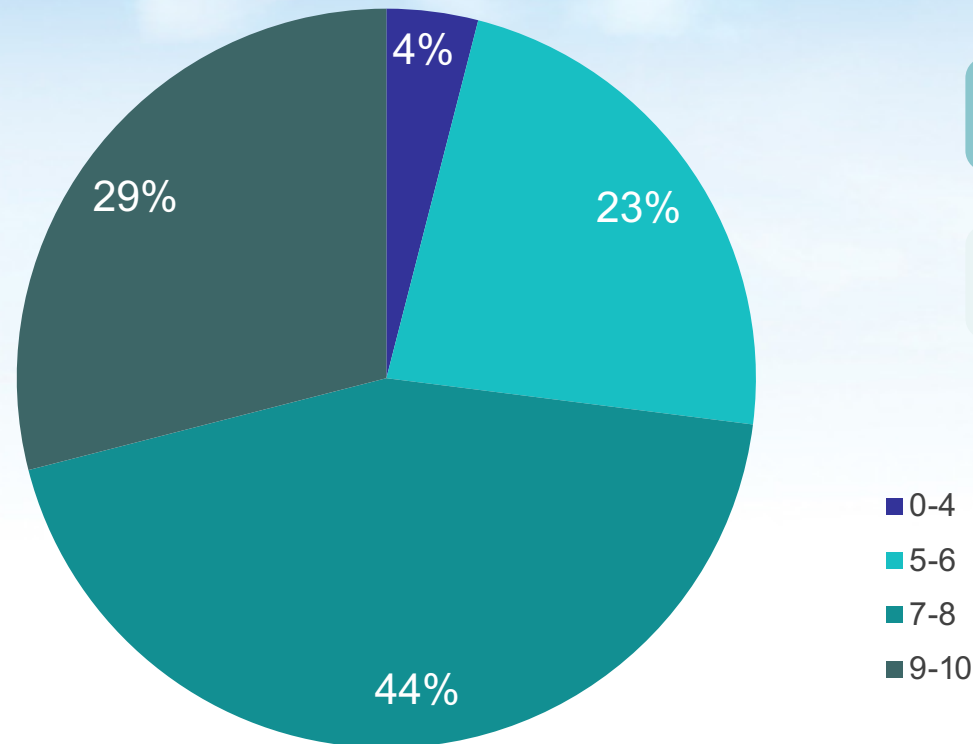


Northern Ireland waste management statistics annual report 2021/22



# Recycling norms

Q12. On a scale of 0-10 please tell us your perception of the number of people who recycle in your local area?  
0 = I don't think anyone recycles in my local area; 10 = everyone recycles in my local area?

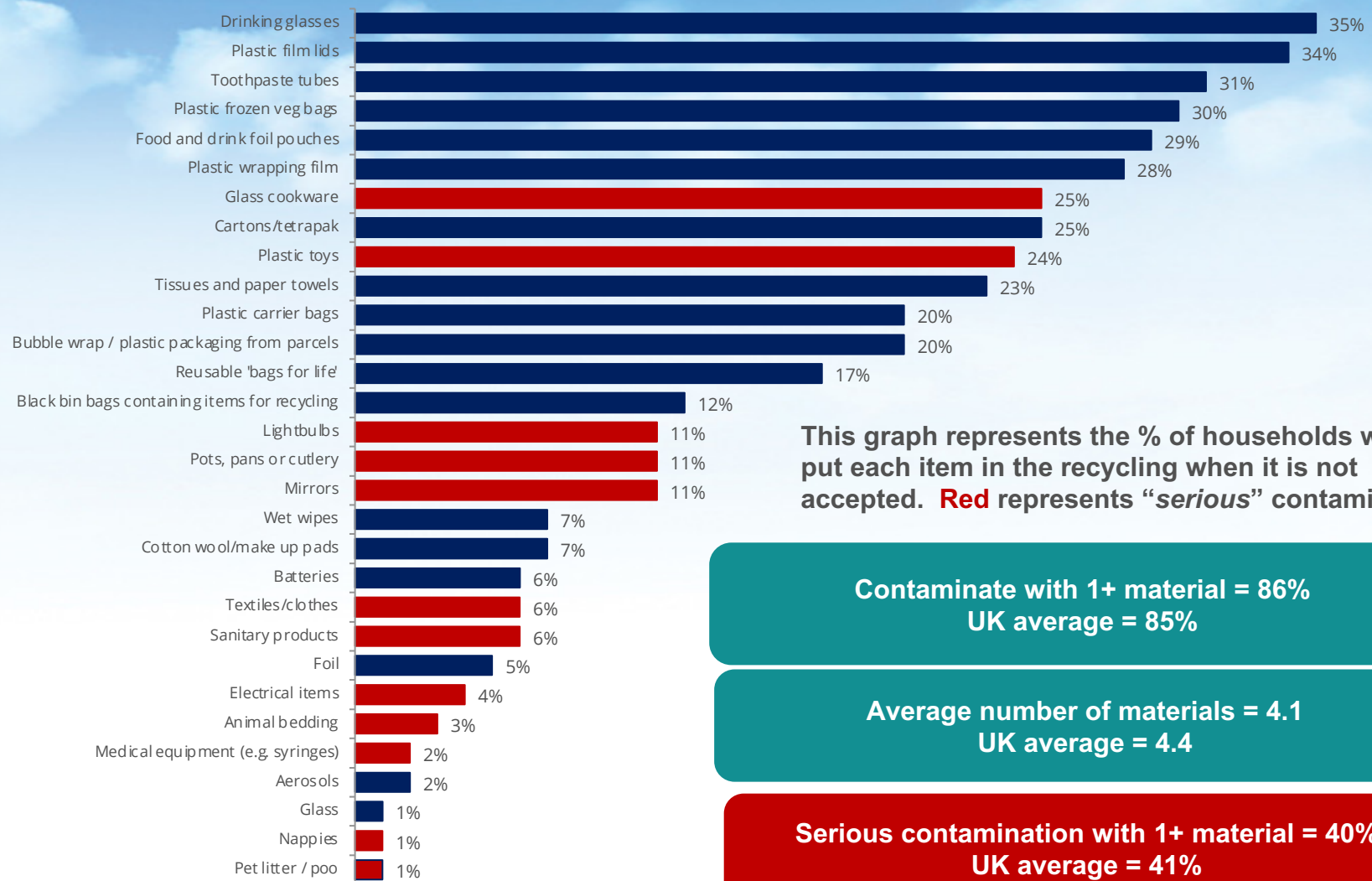


Average = 7.5  
(2019: 7.9; 2020: 7.8)

UK = 7.4



# Contamination in 2021



This graph represents the % of households who put each item in the recycling when it is not accepted. **Red** represents “serious” contaminants

**Contaminate with 1+ material = 86%**  
UK average = 85%

**Average number of materials = 4.1**  
UK average = 4.4

**Serious contamination with 1+ material = 40%**  
UK average = 41%



# Collection Consistency (ENG)

## Section 57 Recycling:

- Government committed to increasing *quality and quantity* of materials. Environment Act to make it easier to recycle by ensuring all councils collect the same recyclables.
- *What does this mean for councils?*
  - Act requires all councils to collect the same recyclables, *including food waste and garden waste...* require a TEEP assessment
  - Councils should see a decrease in their waste disposal costs. Financial burdens will be assessed and net additional costs by capital funding of £295M to implement separate *weekly* food waste collections for *all households* from 2025.
  - Councils best placed to decide on the frequency of bin collections...
  - All councils will be affected
  - SoS may issue guidance (which could include additional materials) and this would be subject to consultation
  - WRP has developed workstreams to support implementation activity for consistency across households/non-household municipal sector in England.



# What's the Story in NI?

- NI the only nation without a form of common collection guidance/consistency
- Legacy RPA issues and still inconsistency of collections within council areas
- Easier to transition to next level with greater consensus and national leadership on sensitive issues such as residual waste restriction
- Preferred scenarios should take into account the “*Bigger Picture*” benefits and considerations
- RIA needs to be supported by lots of data

## The Policy Cycle

### Strategic Thinking

- Problem / Need
- Understanding Context
- Engaging Stakeholders
- Outcomes

### Development of Policy

- Developing & Analysing Evidence Base
- Identifying Options
- Appraising Options
- Screening
- Regulatory Impact Assessment
- Consultation
- Analysing Responses
- Submission

### Implement Policy Change

- Decision
- Announcement
- Implement

### Maintaining Policy

- Maintain
- Monitor
- Evaluate





# The Bigger Picture



## Costs

- Modelled scenarios for comparative exercise, based on NI costs and operational data (2019/20)
- Councils' capital costs
- Councils' operational costs
- Councils transition costs
- More efficient 3-weekly/reduced capacity residual collections
- DRS impacts on collections
- New materials requiring collection under EPR
- Gate fees and contracts



## Quality & Quantity

- Modelled (based on assumptions)
- NI WDF data, LARSU etc
- Private sector engagement
- Facilitate full EPR payments
- DRS impacts on collections
- New materials requiring collection under EPR



## Environmental Benefits

- Carbon savings
- Greater contribution to a circular economy locally
- End destinations

# The Bigger Picture



## Legislative

- TEEP Compliance
- Biodegradable waste to landfill restriction or ban



## Householder Views

- Assessed – annual tracker
- UK data
- Will be considered as part of DAERA consultation
- Councils will likely conduct public consultation prior to transition

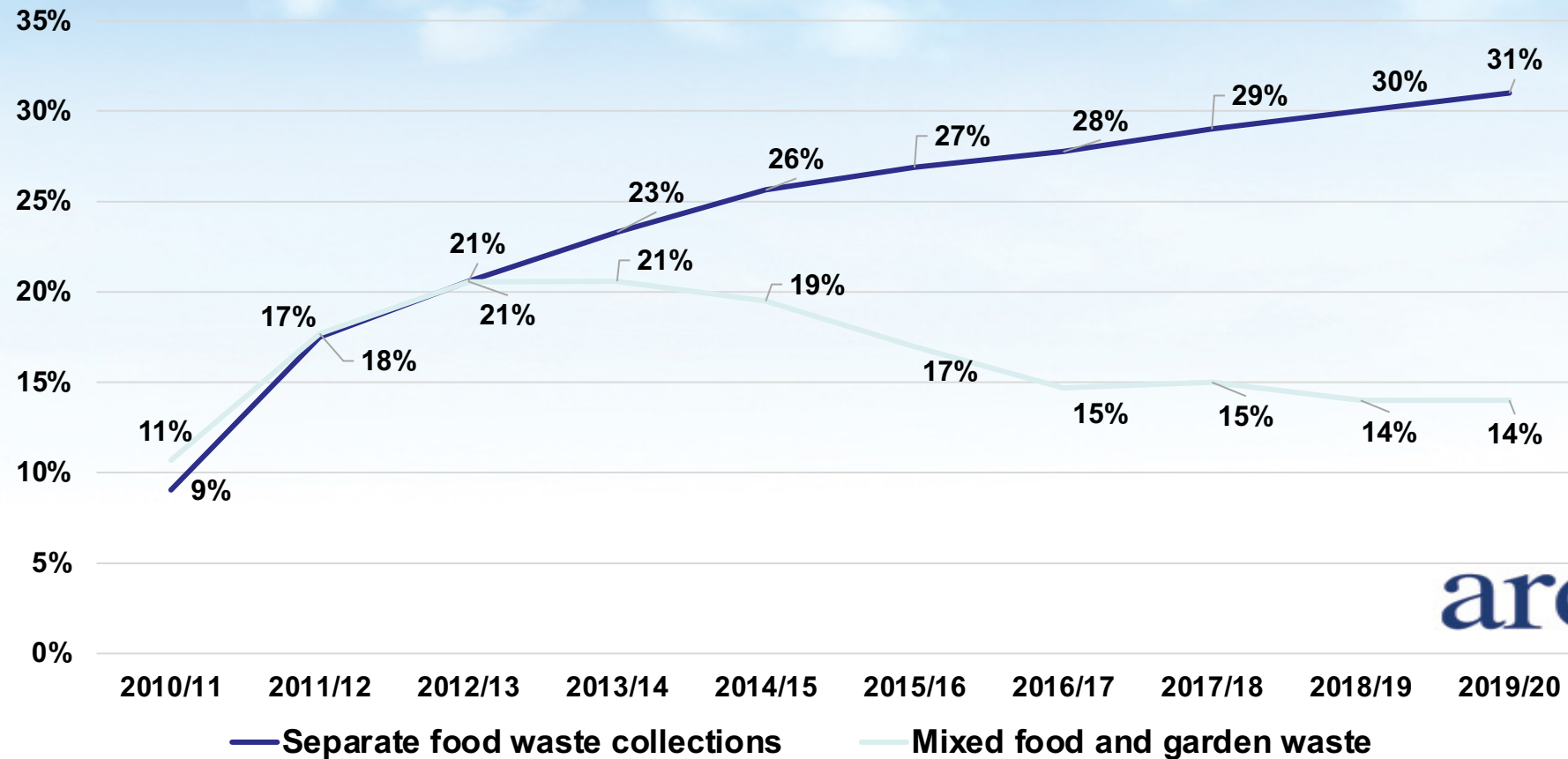


## Communication

- National communications campaign
- Developing guidance on residual waste restriction in NI
- Currently seeking views on developing communications plan for NI (NCAP)



# Percentage of Households with food waste collection

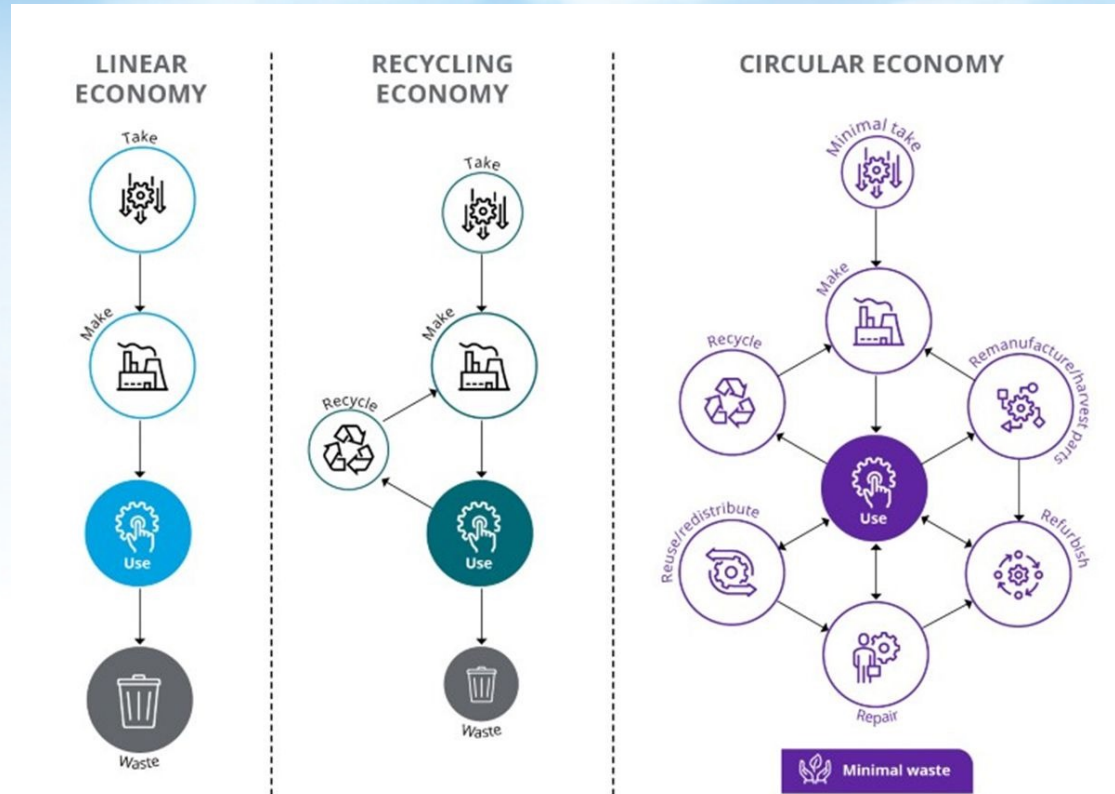


# Circular Economy

COP26 – *Creating a circular economy and a world beyond waste – where **resource efficiency is maximised, the waste hierarchy adhered to, and our materials put back to use** – could reduce greenhouse gas emissions by 39%.*

Circular Economy – *one that values resources, cuts carbon emissions & reduces waste” – Dr Adam Read, External Affairs Director, Suez & CIWM President (2021)*

Reducing waste – somewhere in this emerging discussion we’re going to have to be brave and raise the issue of consumption – currently sitting at circa 14T per capita (Circle Economics)



# Starting Point on NI Collections

- Food Waste Regulations (2015)
- CEP 65% recycling rate
- Climate Change Act 70% recycling rate
- ***Response to Discussion Document and Future Recycling report, published March 2021***
- 2021-2023, DAERA engaged with NI councils to develop draft collections proposals (8 workshops)
- DAERA engaged with waste sector to test proposals and support the development of draft Common Collections proposals for HH and NHM collections.
- Modelling cost and performance of council collections options, and the transition costs
- WRAP supporting DAERA and key stakeholders on potential impact of a restriction/ban of biodegradable waste to landfill
- Conducting a WCA to obtain better waste composition data on the performance separate food and mixed food and garden collections
- One-to-one technical support with NI councils



# Comparable Quality

Typically, separate collection should take place except where:

- collecting certain types of material together does not affect their potential to undergo reuse, recycling or recovery operations and results in output from those operations which is of **comparable quality** to that from separate collection
- separate collection does not deliver the best environmental outcome
- separate collection is not technically feasible taking into account good practice in waste collection
- separate collection would entail disproportionate cost, taking into account costs of adverse environmental and health impacts of mixed waste collection and treatment, as well as potential for efficiencies from separate collection and revenues from secondary material sales and polluter pays

principles.

Future Recycling and Separate Collection of Waste of a Household Nature in Northern Ireland  
Public Discussion Document  
Abridged Version



Sustainability at the heart of a living, working, active landscape valued by everyone.

Department of Agriculture, Environment and Rural Affairs  
[www.darra-ri.gov.uk](http://www.darra-ri.gov.uk)

## Short Term Options

Impact	Short Term Options	Timeline					
		2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026>
HIGH	<b>Review Food Waste Regulations for businesses</b> Introduce enforcement of the Food Waste Regulations for businesses i.e. those producing over 5kg of food waste per week but not presenting this for separate collection.						
	<b>Enhanced powers for Councils</b> Enhanced powers to allow councils to mandate separation of waste for recycling by businesses.						
	<b>Restricted residual capacity</b> Proposal to decrease residual waste capacity at households and businesses to increase recycling and decrease waste to landfill.						
	<b>Increase food waste from household collections</b> Introduce a range of activities all designed to increase food waste capture, possibly including (i) targeted communications; (ii) free liner supply; (iii) switch to weekly food waste collections.						
	<b>National Guidance on consistent collections</b> DAERA will develop guidelines, statutory/non-statutory minimum service standards for Councils based on feedback from the 2020 Discussion Document.						
	<b>Recycling Targets</b> Setting new national/local recycling targets based on revised waste Circular Economy Package and Climate Change Act targets.						
	<b>TEEP update</b> A review of TEEP guidance to assist Councils on their compliance with regulations on separate collection, particularly in light of changes to material collection under EPR and DRS reforms.						
MEDIUM	<b>National campaign on HH recycling</b> Increase engagement with WRAP & local councils to deliver an enhanced NI-specific national campaign to increase the quality and quantity of recycling.						
	<b>Business waste Bring sites/HHWRC</b> Review options to develop new facilities/increased access for small/micro businesses to recycling services.						
	<b>Business support tools</b> Develop on-line tools and calculators to help businesses better understand recycling opportunities and how to incorporate recycling into their business space/operations.						
	<b>National campaign on business recycling</b> A national behaviour change campaign to encourage businesses to separate recyclables and food waste.						
LOW	<b>Indicators for Recycling</b> Complete a review of current indicators for recycling and consider the introduction of new indicators based on feedback from the 2020 Discussion Document.						
	<b>Add new materials to collection services</b> Carry out a review of additional materials which could be included in household and business collections.						

# Overview of Short-Term Options for Recycling Policy in NI



## Medium to Long Term Options

Impact	Medium/Long Term Options	Timeline					
		2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026>
HIGH	Landfill Ban of organics at site Implementing a ban on biodegradable/organic waste going to landfill.						
	Extend separate food waste collections Move to separate weekly food waste collections from households to increase yield. Increase food waste collections from business						
MEDIUM	Include waste management in amended business rates Explore potential incentivised business rating system based on good recycling behaviours - Further analysis required						
	Zoning of business collections including price cap Business collections zoning involves contractors competing to undertake all collections within a particular 'zone'. Further analysis required						
	Extend scope of EPR funding Review which additional materials could be included in household and business collections.						
	Improved communication materials – Delivered by a dedicated Campaigns Manager for NI within WRAP - subject to continued funding.						
	Funding to support roll out of local communications Delivered by a dedicated Campaigns Manager for NI within WRAP - subject to continued funding.						
LOW	Material specific campaigns / support This falls within the cycle of continuous campaigns DAERA already deliver/as above						
	Behavioural pull mechanisms; nudge theory Delivered by a dedicated Campaigns Manager for NI within WRAP - subject to continued funding.						
	Single Use Plastics interventions Ongoing actions including behaviour change, the plan to eliminate plastic pollution and legislative interventions.						
	Energy from Waste plant (EfW) Tax A tax for EfW operators to encourage upward movement of resources on the waste hierarchy. Further analysis required						
	Cap and trade model; NILAS revisited To incentivise firms to reduce their emissions, government sets a cap on the maximum level, creating permits of allowances for each unit of emissions allowed under the cap. Further analysis required						
LOW	Landfill Tax Revision of landfill tax to further discourage usage. Further analysis required						
	Home composting programme Develop & deliver a home composting programme to reduce waste						

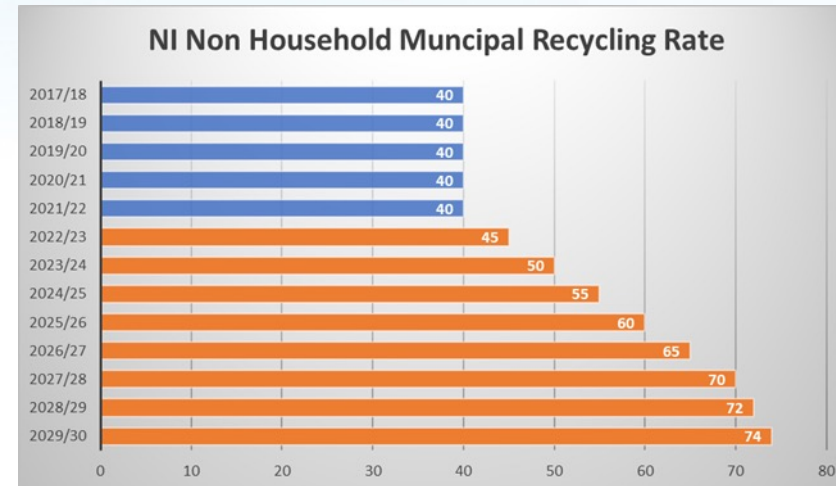
# Overview of Medium/ Long-Term Options for Recycling Policy in NI





# Conclusion

- Combined analysis from HH and NHM sectors shows that it is possible to achieve and surpass a municipal recycling rate of 65%
- NHM sectors are the most influential in achieving a national Northern Ireland municipal recycling rate.
- However, the increase in NHM recycling will be dependent on delivering new Regs, new recycling services to businesses, maximising take up, minimising non-compliance, alleviating the cost burden, improved data capture.



# IMPACT OF RESIDUAL WASTE RESTRICTIONS

Change	Dry	Separate food	Residual	Overall reduction *
3 weekly residual	+10%	+20%	-19%	-18%
Fortnightly with restricted volume	+15%	+25%	-24%	-15%

\* Overall reduction in household waste, including HWRC

## Top ten UK residual yields

Residual yield Authority 2019/20	
Pembrokeshire	179
Monmouthshire	182
Bridgend	186
Carmarthenshire	207
Powys	208
Ceredigion	219
Vale of Glamorgan	221
Swansea	222
Cardiff	224
Stroud	226



## Separate food waste collections by 2024/25



Support to Worcestershire authorities

## Collected weekly



# Collections Hierarchy?

Multi-stream



Two-stream



Comingled



# Proposal 1 – Restriction of residual waste

Proposal	Detail
<b>Restriction</b>	<ul style="list-style-type: none"><li>• Maximum capacity of 90 litres per week (flexibility on which system)</li><li>• Mandated / supported by DAERA</li></ul>
<b>Additional Policies</b>	<ul style="list-style-type: none"><li>• "Policy" on nappies</li><li>• "Policy" on clinical waste</li></ul>
<b>Timing / Phasing</b>	<ul style="list-style-type: none"><li>• All together</li><li>• In place to all ground level properties by ? 2023 – (discussion on timing required)</li><li>• Implementation plan agreed and signed off in advance</li></ul>
<b>Funding</b>	<ul style="list-style-type: none"><li>• Business case to be developed following consultation outcome.</li></ul>
<b>Support</b>	<ul style="list-style-type: none"><li>• Member briefings – standard packs</li></ul>
<b>Communication</b>	<ul style="list-style-type: none"><li>• Communications – standard lines</li></ul>



# Proposal 2 – Food waste

Proposal	Detail
Frequency	<ul style="list-style-type: none"><li>• Minimum of fortnightly collection (flexibility on which system)</li></ul>
Liner Requirements	<ul style="list-style-type: none"><li>• Free liner supply to all participants</li><li>• Common procurement of liners for NI</li></ul>
Evidence	<ul style="list-style-type: none"><li>• Commit to review of food waste performance in line with Regs requirement</li><li>• Initiate NI evidence gathering programme in 22/23 to determine capture etc</li></ul>
Costs	<ul style="list-style-type: none"><li>• National analysis to be reworked on basis of evidence</li></ul>
Support	<ul style="list-style-type: none"><li>• DAERA to review budget to support Council transition to weekly collection on basis of NI evidence</li><li>• Member briefings – standard packs</li></ul>
Communications	<ul style="list-style-type: none"><li>• Communications – standard lines adopted</li><li>• Discourage food waste into residual (sticker)</li></ul>
Review	<ul style="list-style-type: none"><li>• Guidance position reviewed and updated in 2023 (to coincide with EPR changes expected)</li><li>• Guidance position reviewed once further evidence on food waste capture and yields in NI obtained and updated if required.</li></ul>

# Proposal 3 – Dry Recyclable Materials

Proposal	Detail
<b>Core Principles</b>	<ul style="list-style-type: none"> <li>• Minimum fortnightly collection</li> <li>• Keeping glass and fibrous material separate from one another</li> <li>• Closing the loop</li> <li>• Supporting a circular economy and green growth in NI</li> <li>• Improving the quality of dry recyclables</li> <li>• Alleviating some of the cost burden on Councils</li> <li>• Aligning with forthcoming policy and legislation</li> </ul>
<b>Materials</b>	<ul style="list-style-type: none"> <li>• Common materials to be collected are Glass, Cans, Aerosols, Foil, Card, Paper, Plastic Bottles, Mixed Plastics, &amp; Cartons</li> <li>• Commitment to review materials with the view to adding collections later for:               <ul style="list-style-type: none"> <li>- Plastic film</li> <li>- Textiles</li> <li>- Batteries</li> <li>- Small WEEE</li> <li>- Other items that may come into EPR scope in the future such as Absorbent Hygiene Products etc</li> </ul> </li> </ul>
<b>Collection</b>	<ul style="list-style-type: none"> <li>• Minimum of fortnightly collection (flexibility on which system)</li> <li>• Phased introduction of minimum 'Twin Stream' collection of dry recyclable materials               <ul style="list-style-type: none"> <li>- Twin stream meaning commingled recycling (plastics, metals, glass), alongside separate collection of paper and card; or</li> <li>- Twin commingled recycling (plastics, metals, paper and card), alongside separate collection of glass.</li> </ul> </li> </ul>
<b>Additional Policies</b>	<ul style="list-style-type: none"> <li>• "Policy" on bulky waste proposals</li> <li>• DAERA currently reviewing TEEP</li> <li>• DAERA working with the Developed Administrations to improve MRF sampling</li> <li>• DAERA are gathering data for EPR funding formula to support Councils</li> </ul>
<b>Timing / Phasing</b>	<ul style="list-style-type: none"> <li>• In place to all ground level properties by <b>XXXX (discussion on timing required)</b></li> <li>• Implementation plan agreed and signed off in advance</li> </ul>
<b>Funding</b>	<ul style="list-style-type: none"> <li>• Business case to be developed following consultation outcome.</li> </ul>
<b>Communication</b>	<ul style="list-style-type: none"> <li>• Communications to citizens – standard lines</li> <li>• Training / guidance to local authorities on standardised data reporting</li> <li>• Establishment of My Recycling NI (end – destinations) website</li> </ul>



# Transition Costs Project

Summary of work conducted to date presented to Councils on 31 March, 2023. Report circulated

## *Recommendations*

1. Further discussion to agree transition cost definition
2. 1-1 meetings with councils with significant data gaps and outliers
3. Support with communications and extent of this support
4. Consider the role WRAP can play in cross sector discussion between Councils and private sector
5. Help to facilitate and support opportunities with regards to collaboration (container delivery for example), at an appropriate time





# EPR Quality Objectives

- Demand for high-grade quality packaging material for recycling.
- Avoiding the loss of material quality at each stage of the system is important in reducing costs and increasing the circularity of the packaging system
- A key EPR outcome is that the quality of packaging materials presented for recycling increases across the packaging value chain and more packaging is recycled into higher value and closed loop applications.
- A range of measures within EPR that are expected to increase transparency of material and financial flows, encourage effective competition, drive efficiency and improve quality along the value chain.



# What's Next?

- Policy Instruments
- Waste (resources) ownership
- Funding
- Disaggregation
- Consumption



# Contact Details

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07801 756228





# LARAC

## CONFERENCE

### CELEBRATION AWARDS

# 2023



Headline Partner



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**WALES (DIGITAL DRS)**

Duncan Midwood, Co-Founder,  
The DDRS Alliance



# Brecon Digital DRS Trial

LARAC Conference  
12 October 2023

# Digital DRS (DDRS)



Low cost return options 'on the go'

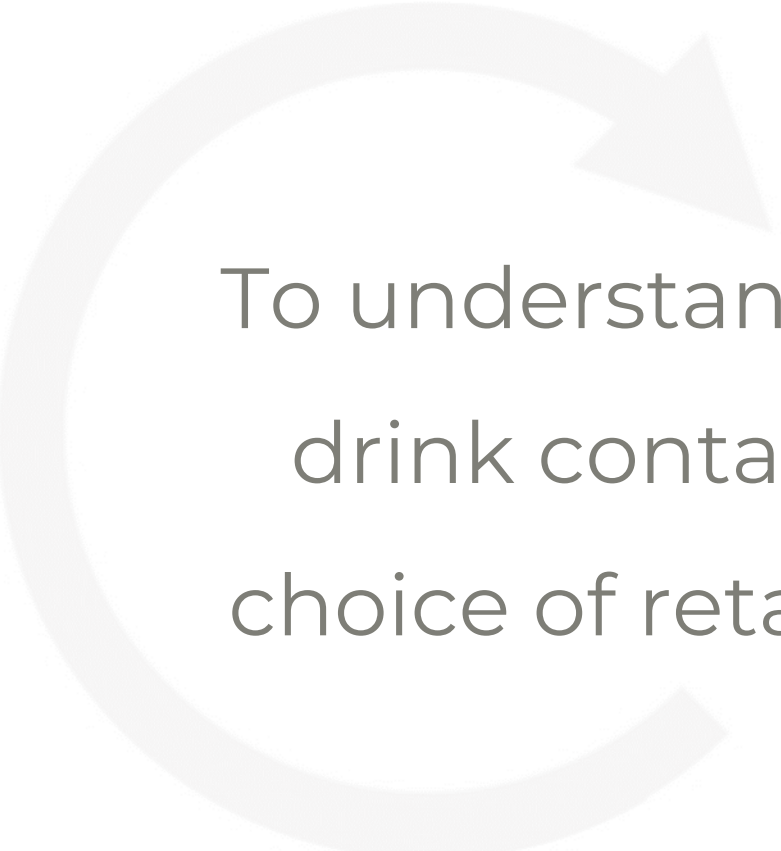
Enabled through product serialisation (unique coding)

Managed through smartphones

Uses existing infrastructure



# Brecon DDRS Trial Aims

A large, light grey circular arrow graphic is positioned on the left side of the slide, partially overlapping the text.

To understand the public's choices for returning drink containers for recycling when offered a choice of retail, community and at-home return options

# About the DDRS Trial

- Started 13<sup>th</sup> July for 16 weeks
  - We are in Week 13
- Right across Brecon town
  - 4,300 households, 8,300 residents
- ALL ready-to-drink in PET, cans, cartons & glass, 50ml-2L, except:
  - multipacks
  - alcoholic drinks
  - multi-serve chilled products
- Glass ONLY returnable via kerbside
- Products stickered with unique codes
  - 400,000 applied to date!





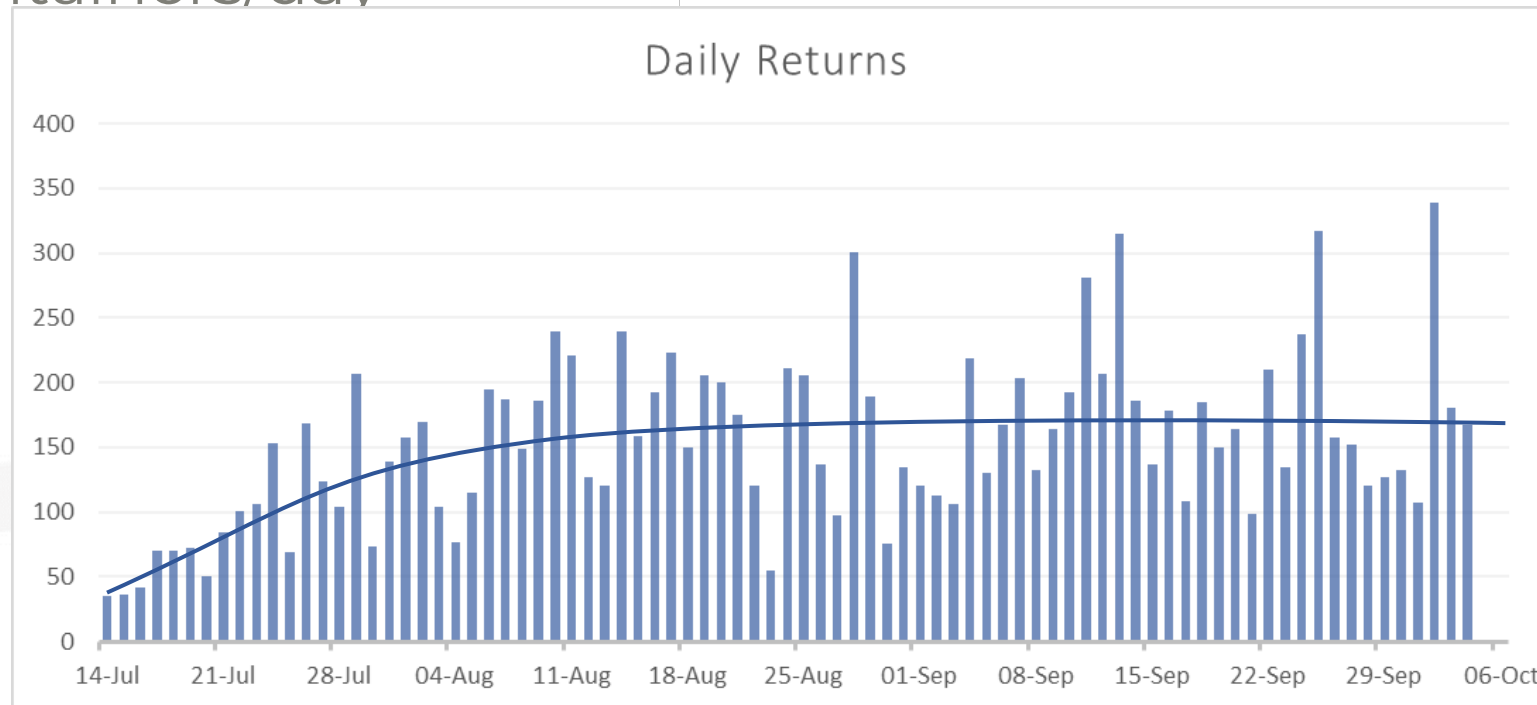
# Return Points

1. Kerbside
  - Every household in Brecon (4,300) can participate
2. Automated Return Points (ARP)
  - Two machines
3. Over-the-counter (OTC)
  - Three stores
4. Community Bins
  - Two machines
  - 5 street recycling bins enabled



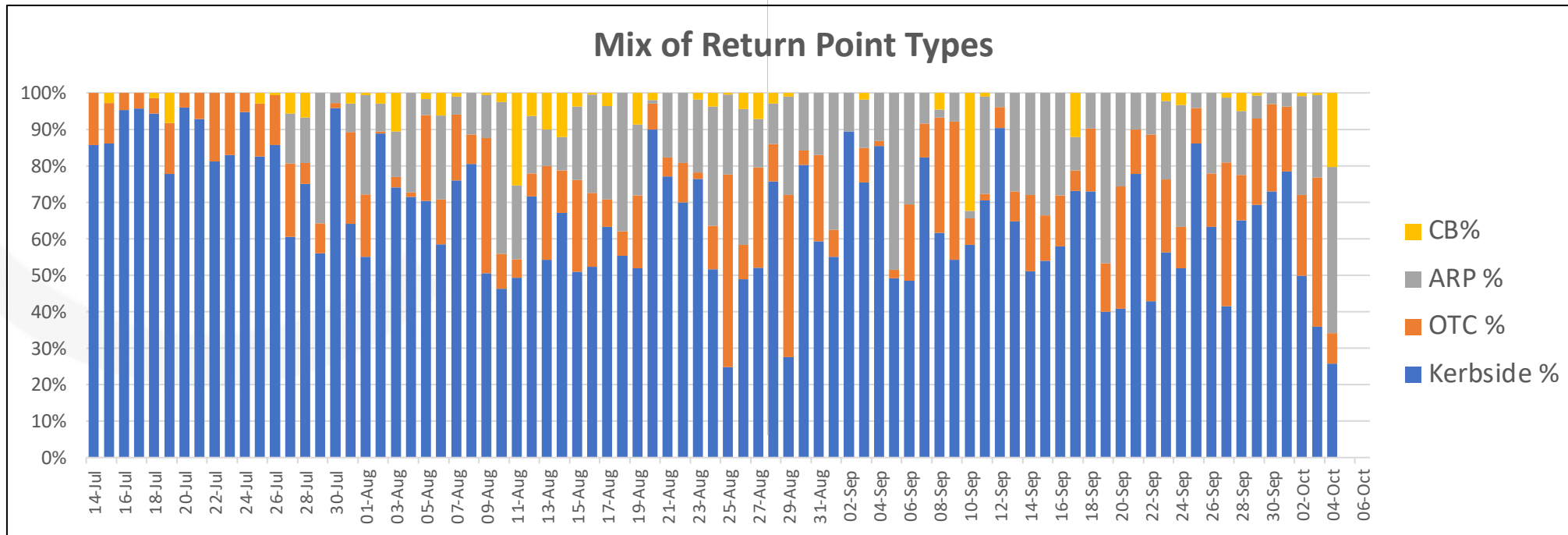
# Engagement

- Registered users: 1,300 (30% of Brecon households)
- Unique users: 400 (31% of those registered) PLUS anonymous users
- ~170 containers/day



# Return Points Usage

- All return points options being well used
- Kerbside trending to ~65% (72% underlying)
- ARP's & OTC also popular



# Kerbside Capture Rate Measurement

- >300 kerbside boxes sampled & analysed
- Capture Rate = %age of claimed items that are captured in the box
- Results to date: **>90% Capture Rate**
- No in-scope glass contamination



# Return Points - Kerbside


To date:

- ~70% of returns to date at kerbside
- >90% Capture Rate
- Glass compliance 100%

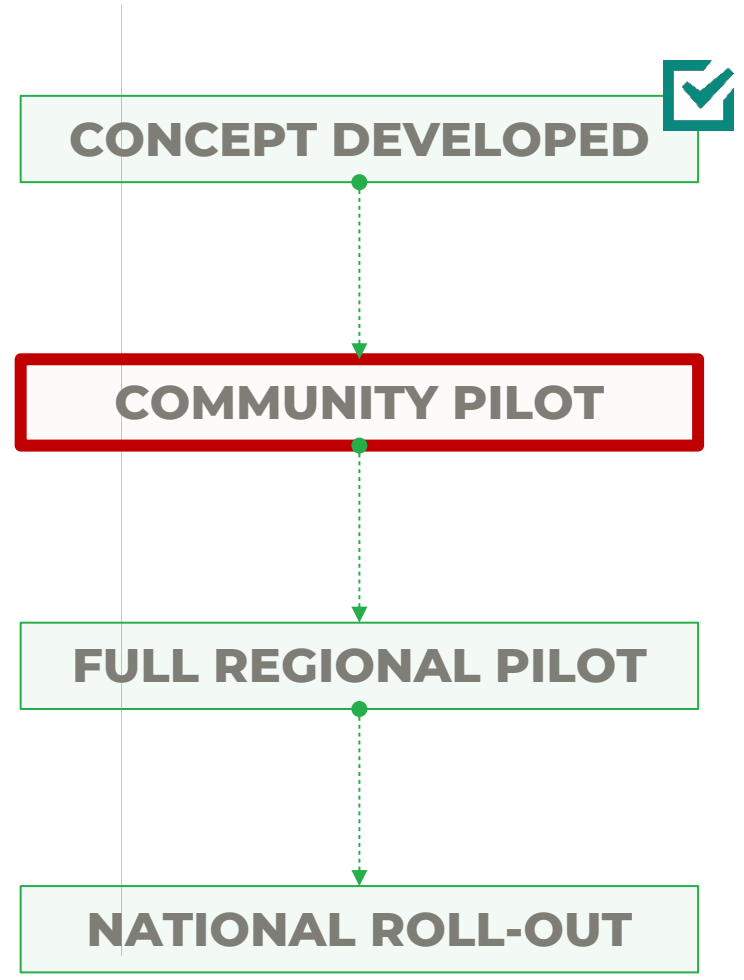
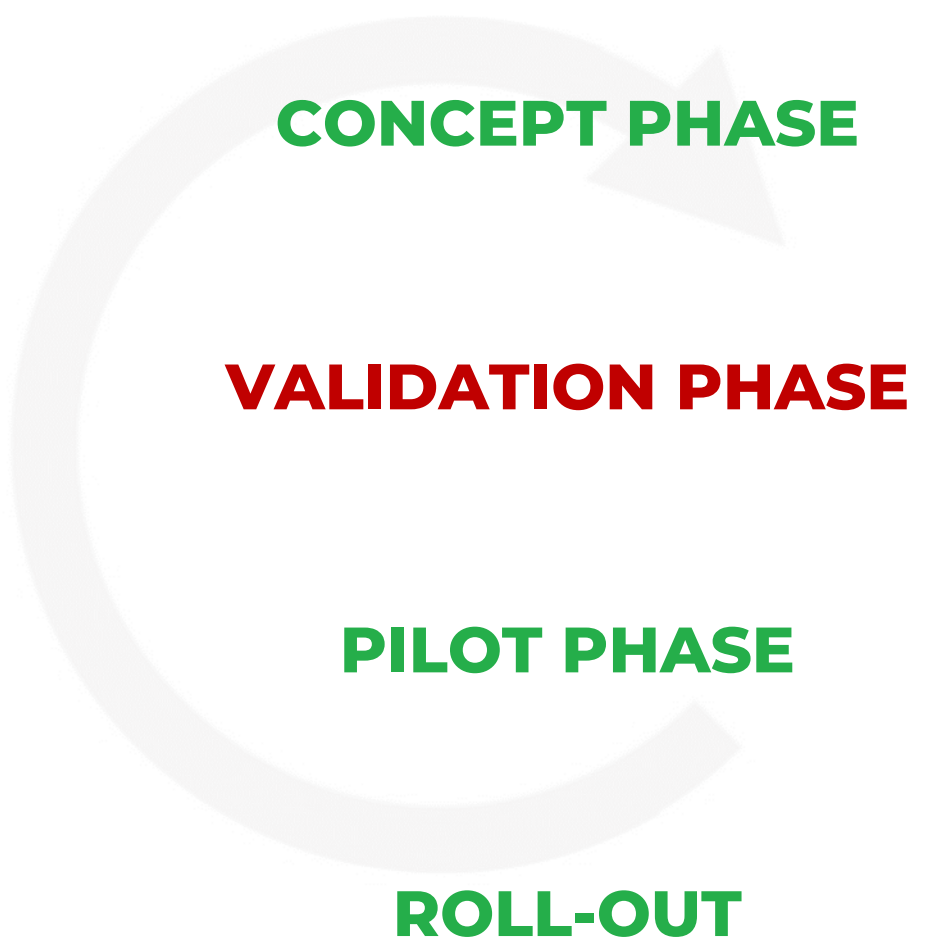
Early indications are positive for  
kerbside



# Conclusions (at Week 12 of 16)

- 
- A large, light grey circular arrow graphic is positioned on the left side of the slide, partially overlapping the list items.
- Operationally the trial is working very well
  - Public engagement is positive
  - Clear preference for kerbside returns in the Trial
  - Kerbside analysis revealing high compliance
  - Consumer research expected to reveal further insights

# DDRS Development Roadmap



# THANK YOU

[info@ddrsalliance.com](mailto:info@ddrsalliance.com)

**Duncan  
Midwood**







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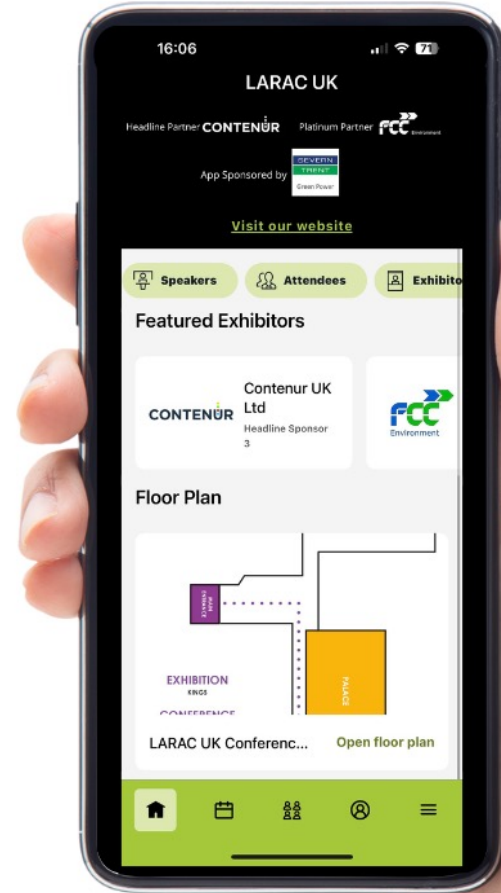
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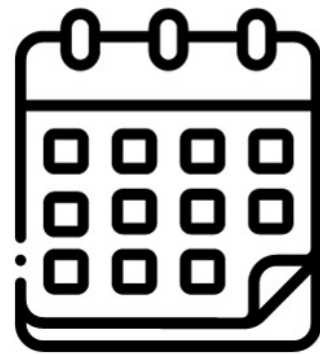
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FOR LARAC 2024!**



**9th-10th  
October 2024**