
Low Carbon Heatons – Food Event



Low Carbon Heatons Events

Small steps for a big change



Wednesday 1st Feb 2023

Interview with Professor Sarah Bridle



Corin Bell – Founder and Executive Director - Open Kitchen

Food Waste



Why does food go to waste?



Why is food waste a problem?

If food waste was a country, it would be the 3rd largest carbon emitter in the world after the US and China

Previous system (landfill): Methane released by food rotting in landfill is 25 times more damaging to the environment than CO₂

OPEN
KITCHEN





Produce of Dominican Republic

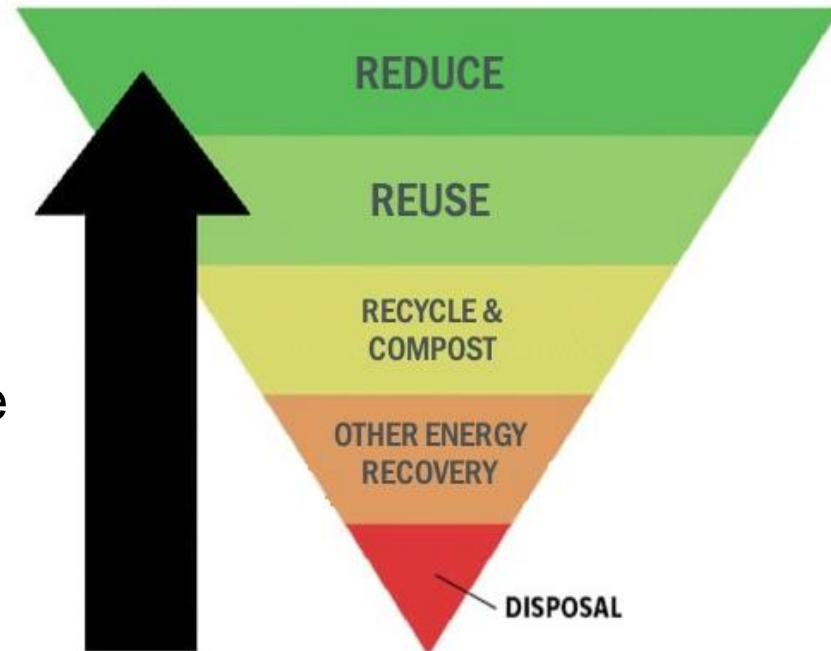
Produce of Dominican Republic

Sustainability 101: The Waste Hierarchy

The lowest carbon thing we can do with food that will otherwise go to waste is put it in a belly, any belly, rather than a bin

For every tonne of food that we save from going to waste, around 4.2tonnes of CO₂e is saved

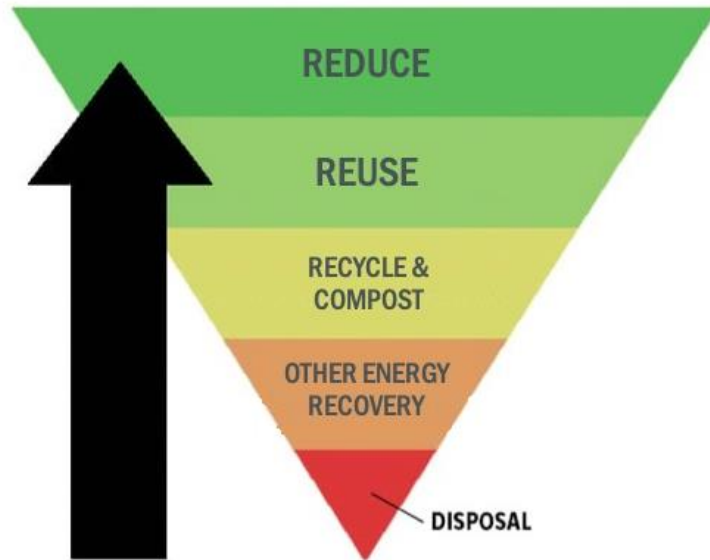
Around 15 million tonnes of food is wasted in the UK every year, and the vast majority of that is perfectly edible



Breaking the false link between food waste & food poverty.... Moving beyond redistribution

Redistribution is a sticking plaster not a solution environmentally.....

Redistribution is unprogressive socially.....



The Environmental Mission



Short term mission - Intercept food from going to waste

Long term mission - fix our broken food system

The goal: ending the need for food banks, and a sustainable, ethical, and accessible food future where food no longer goes to waste.



General Principles for more sustainable food sourcing...



- Buy less - reduce, reuse, recycle
- Shorter supply chains - keep your friends close, and your farmers closer
- Avoid the green washing: Find sources of information you trust (Unicorn Grocery, Ethical Consumer)
- Plant-based is generally better
- Unprocessed is generally better



Waste Food Mantras

- Buy less
- Ignore best before
- Use your senses
- Use up your left overs
- Shop local
- Support independent
- Play ready, steady cook at home EVERY DAY!!

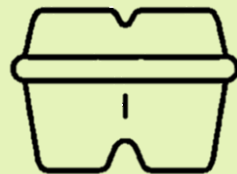
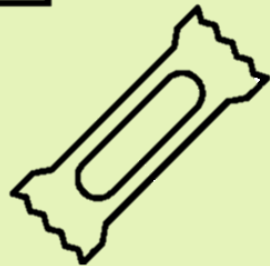
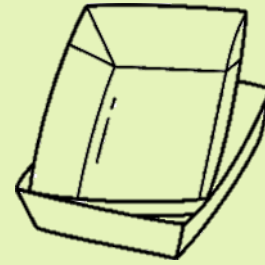
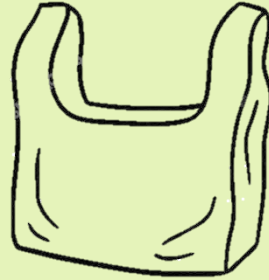


Sean Ruffell – Director

Organic North Wholesalers

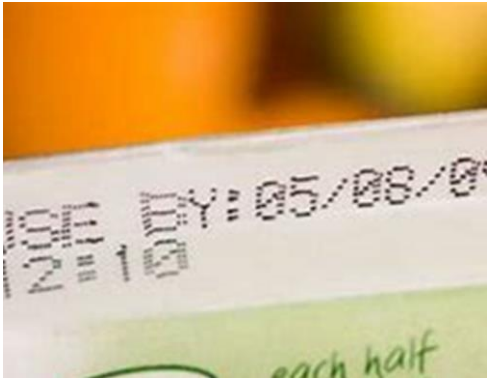
Dr Liz Wildman - Global Public Affairs
Director for the Circular Economy
Mars Wrigley
& Co-chair of SLH

Food packaging



Overview

The need



sponge cakes topped with a passion fruit and peach flavoured filling (53%) and half coated in dark chocolate (19%)

INGREDIENTS Sugar - Glucose-Fructose Syrup - **Wheatflour** (contains **Gluten**) - Cocoa Mass - Pasteurised Free Range **Egg** - Palm Oil - Concentrated Fruit Juice (Peach, Passion Fruit) - Cocoa Butter - Dried Whey (**Milk**) - Emulsifier: E471, **Soya** Lecithin, Sunflower Lecithin - Humectant: Sorbitol - Passion Fruit Flavouring - Gelling Agent: Pectin (from Fruit) - Dried Whole **Milk** - Acidity Regulator: Citric Acid - Vanilla Flavouring - Raising Agent: E450, Sodium Bicarbonate - **Wheat** Starch (contains **Gluten**).
Dark Chocolate contains Cocoa Solids 56% minimum.

For allergens see ingredients in bold. **STORAGE** For Best Before, see end of pack. Store in a cool, dry place, away from sunlight. Once opened, store in an airtight container.

Not suitable for **Nut** allergy sufferers due to manufacturing methods used.

Suitable for vegetarians

  www.superpuffish.uk



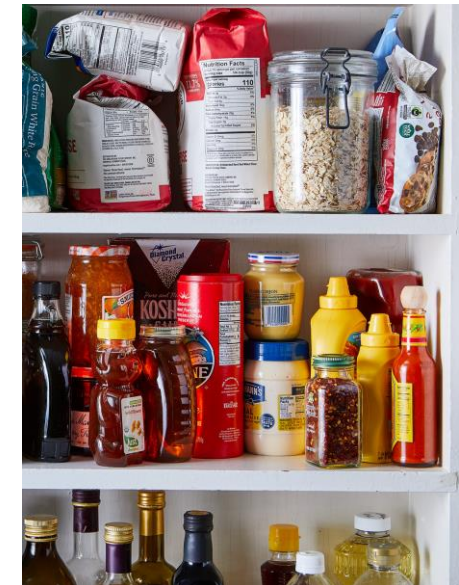
The problem



- 1 Why are so many items “over-packaged?”
- 2 Which type of packaging has the lowest impact?
- 3 Why can't we recycle some types of plastic?
- 4 What can I do?

Why are so many items “over-packaged”?

a) Technical requirements - product protection through long and complex supply chains



Why are so many items “over-packaged”?

b) Consumer preferences – many consumers still choose these items over the alternatives

Convenience



Portioning



On-the-go



Shopping habits



2019 → 2020 → 2022



Packaging Europe

Tesco announces removal of 1.5 billion pieces of plastic since ...

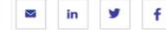
As part of its 4Rs (Remove, Reduce, Re-use, Recycle) packaging strategy, Tesco has reportedly removed more than one and a half billion...

18 Feb 2022



Sainsbury's to remove single-use lids from own-brand dip pots

The retailer estimates that eliminating plastic from the pots will remove 71 million pieces of plastic a year.



Co-op reduces packaging used for its food-to-go product range

The retailer expects to remove around 274t of unnecessary plastic, cardboard and film from its stores.



Grocery Gazette

M&S launches recyclable tomato packaging with 95% less ...

M&S has unveiled its new widely recyclable vine tomato packaging with 95% less plastic, as it looks to remove eight million units of plastic...

22 Jul 2022



Grocery Gazette

Yeo Valley to save 145 tonnes of plastic a year with removal of ...

"After successful trials removing clip lids from our Greek style yogurt range, we're saying goodbye to plastic lids across our 350g and 450g..."

6 days ago



In the Loop: Tesco partners with Terracycle to trial reusable packaging service

Bea Tridimas
13 September 2021 • 3 min read



Asda to make refill products cheaper than packaged alternatives

The retailer's three largest refill spaces are located in Middleton, York and Milton Keynes.



Refill helps shoppers reduce waste by purchasing great amounts of products. Credit: © ASDA

Co-operative News

Co-op Group trials refill station in partnership with Unilever

The Co-op Group is working with Unilever to launch two refill packaging store trials, with the aim of gaining a deeper understanding of...

5 Nov 2021



New Morrisons pilot store to cut plastic packaging from over 300 products

22 JULY 2022



LIDL

Lidl introduces refill machines for laundry detergent pouches in two-store trial

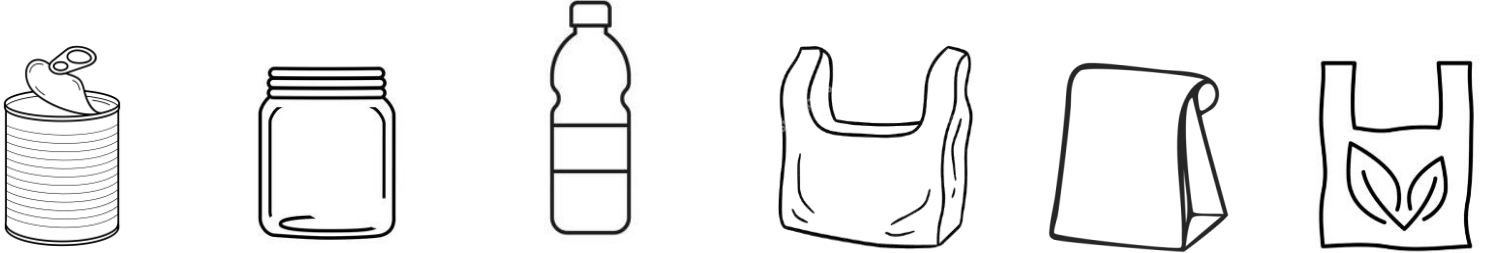
By Steve Farrell | 13 October 2022

Customers can pick up an empty pouch and use a touchscreen to choose their favourite detergent

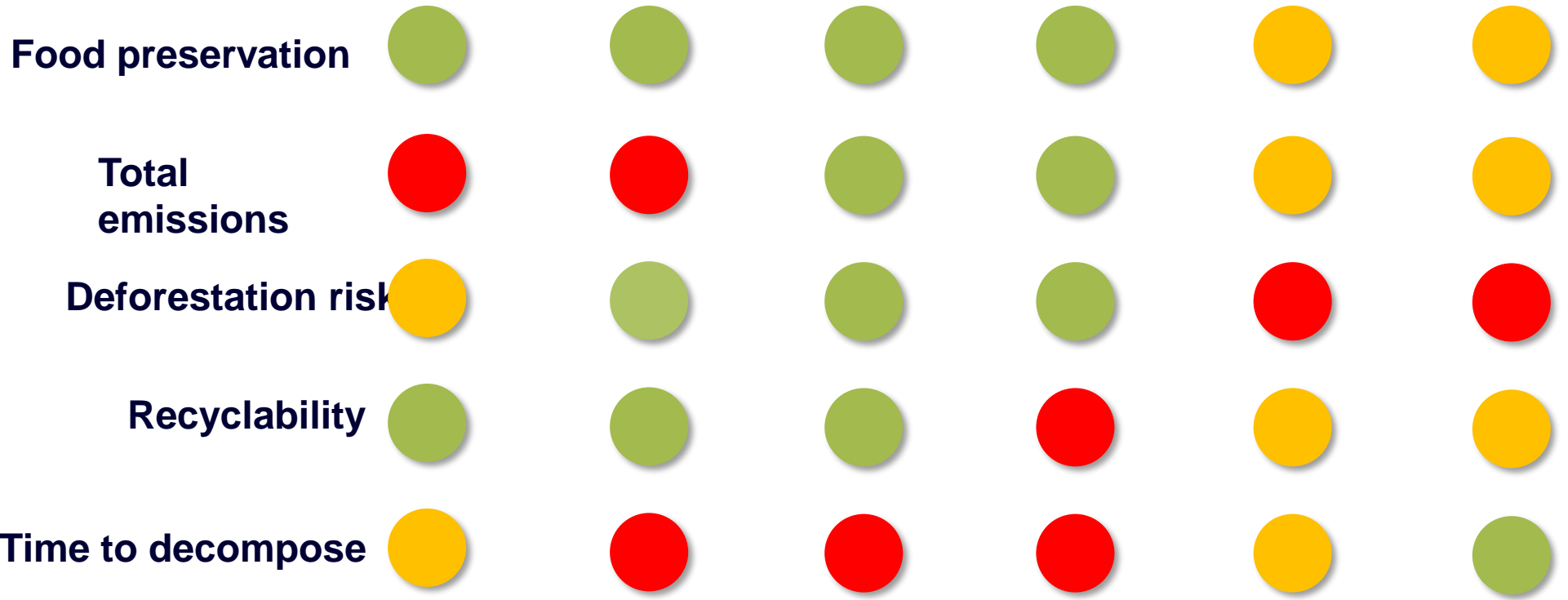


Source: Lidl

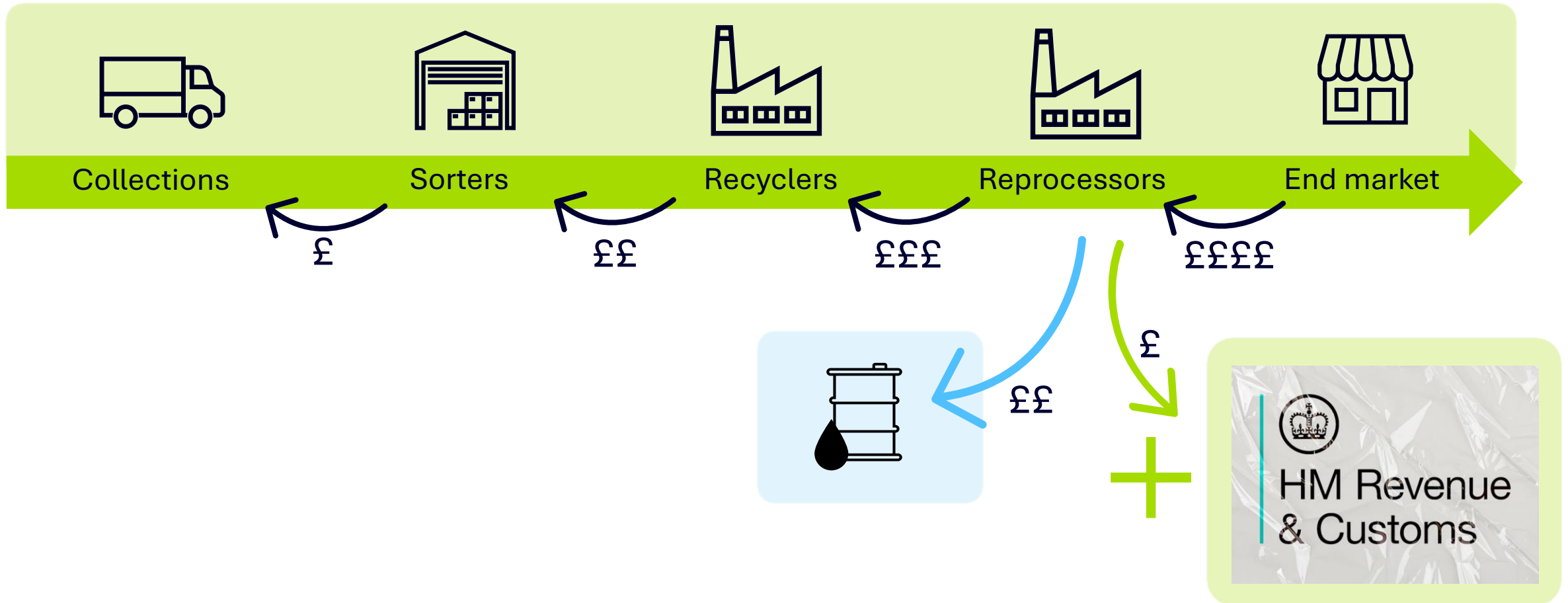
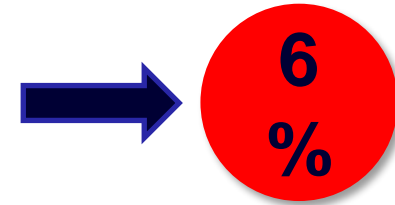
Which type of packaging has the lowest impact?



Metal Glass Plastic (rigid) Plastic (soft) Paper Bio/compostable



Why can't we recycle some types of plastic?



What can I do?

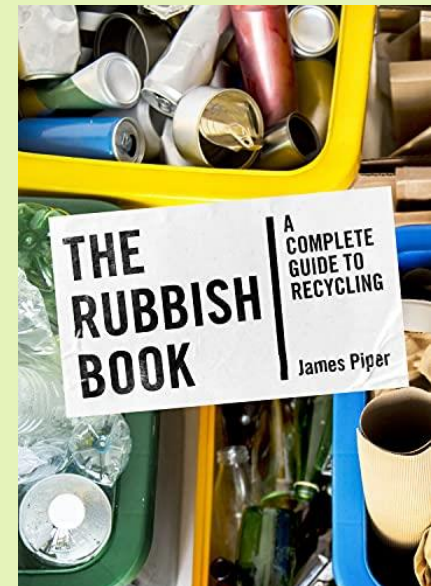
Recycle at home and in-store



Signal to retailers through your choices



Learn more about packaging and the waste systems



Q&A



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