

Yorwaste take a recycling-led approach to the services we provide. Here's an outline of the key steps in the waste journey for recyclable **food** waste, from collection from your premises to recycled products:

1



Collection:

- Our customers are asked to keep food waste separate from core recyclables (e.g., paper, cardboard, plastic bottles, cans, glass) and general waste, and place it into dedicated bins or bags provided by us. **Food waste** has its own dedicated bin.
- We ask you to make sure that only food residue goes into the bin; no bags or packaging.
- Collection frequency varies depending on your requirements and will be agreed with you.
- A modern purpose-built collection vehicle will collect the materials.

2



Transport to Transfer Facility:

- The collected materials are taken to a transfer facility near you.
- For efficiency, residual food is transported in bulk for processing.

3



Processing:

- Food waste from Yorwaste is processed primarily using the **Anaerobic Digestion** (AD) method:
- Food waste is broken down by microorganisms in the absence of oxygen, within a sealed vessel.
- This process produces biogas and a digestate, a nutrient-rich substance.

Output and Utilisation - The outputs of the processing methods are used as follows:

4



Biogas (from AD):

- Used to generate electricity, which can be fed into the National Grid.
- Used to produce heat for local use.
- Used as a fuel for vehicles.

5



Digestate (from AD):

- Used as a biofertiliser in agriculture to improve soil health.