

**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 **metal tins and cans**, from collection from your premises to recycled products:

1



## Collection:

- Our customers are asked to keep core recyclables (e.g., paper, cardboard, plastic bottles, cans, glass) separate from food and general waste and place it into dedicated bins or bags provided by us. **Metal tins and cans** have a shared bin with plastics and paper/card, called a dry mixed recycling (DMR) bin.
- We ask you to make sure that food tins are free of residue, dry and loose in the bin. There's no need to squash them.
- Collection frequency varies depending on your requirements and will be agreed with you.
- A modern purpose-built collection vehicle will collect the materials.

2



## Transfer to Material Recovery Facility (MRF):

- The collected materials are taken to a transfer facility near you.
- Materials are sorted using a combination of manual sorting (removal of non-recyclables) and mechanical sorting using machines to filter out the different materials.
- Magnets are used to separate steel tins from aluminium cans.
- The segregated materials are then taken in bulk for processing.

3



## Processing and Baling:

- Sorted materials are baled for efficient transport.
- Baled materials are sent to reprocessing plants.

4



## Reprocessing:

- Metals are melted and recast.

5



## Manufacturing:

- Reprocessed materials are used to make new steel food tins and aluminium drinks cans.
- Recycled aluminium is also used to make vehicle and aeroplane parts.