# FORTRESS

a Carbon Neutral Co$_2$mpany

# What happens to my recycling & waste?

## Food Waste

**Anaerobic Digestion Facility**

**Food Waste**

Through a process of anaerobic digestion, **food waste** is recycled into **fertiliser** for farming and **green energy** for homes.

## Paper & Card

**Materials Recovery Facility**

Cardboard and paper materials are separated mechanically.

**Paper**

**Paper** is sorted into grades and sent to paper mills to create **new paper products** such as newspapers.

**Card**

**Card** is bailed to be sold for new cardboard manufacture.

## Plastic

**Materials Recovery Facility**

Items are separated by material type.

**Plastic**

**Plastic** is further separated into different grades, which are reprocessed into **pellets** which can create **new plastic products.**

## Glass

**Glass Recycling Facility**

**Glass**

**Glass** is firstly separated by size. Small pieces are recycled to make aggregate for **road surfacing.**

**Larger pieces** are organised by colour to be processed for **new materials** such as mineral wool insulation.

## Metal

**Materials Recovery Facility**

**Cans & Tins**

**Cans, tins, aerosols** and **foil** are separated by material and processed to create **new products.**

## Wood

**Materials Recovery Facility**

**Wood**

**Wood** is sorted and graded, with products reused, or recycled or processed into animal bedding.

## Residual Waste

**Energy Recovery Facility**

**Non-recyclable Refuse**

**Non-recyclable refuse** is sent either to an Energy Recovery Facility or to produce Refuse Derived Fuel. The waste is turned into **energy** to power homes and businesses, achieving virtually zero landfill.