

# Recycling School Assembly Spring 2026

Claire Murrell  
Environmental Policy, Strategy  
and Projects Officer

# What is waste?

- Everyone creates waste
- Waste from houses that is put into the general rubbish bin is collected by local councils and sent to either landfill or an energy from waste facilities.



# What is recycling?

**RESCUE ME!**

**RECYCLE**

Find out what else you can recycle at  
[recyclenow.com](http://recyclenow.com)

 Britain recycles

Recycling means rescuing certain items from going in the rubbish bin so that it can be turned into other things.

# What can be recycled?



# What can be recycled?



# Food waste

Food waste can be turned into renewable electricity, fertiliser and compost



1. One lorry load of food waste would be able to generate enough electricity to power 20,000 TVs for an hour

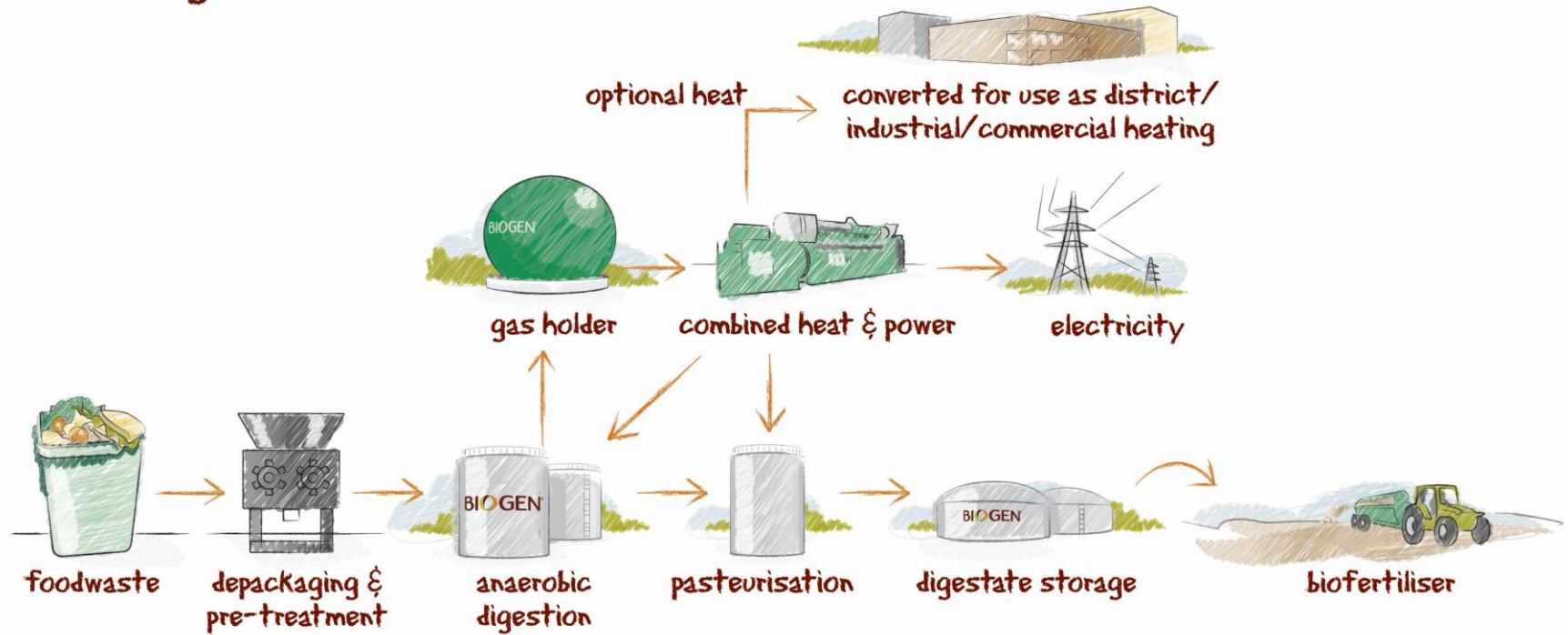
1. A single caddy full of food waste can generate enough electricity to power an LED light bulb for more than **24 hours**

1. Recycling six tea bags produces enough energy to boil a kettle for your next cup of tea


















1. A single recycled banana peel can produce enough energy to charge two smartphones

# Food waste

## The Biogen Process



# What can be recycled?

	Residual Waste	Multi-stream recycling				Food Waste	Green Waste
Frequency	Fortnightly	Fortnightly				Weekly	Fortnightly
Collection Container	 180lt	 23lt	 60lt	 60lt	 5lt and 23lt	 240lt	
Materials Collected	 household waste	 mixed glass	 household plastic packaging   cartons   household metal packaging	 newspapers & magazines   corrugated cardboard   cardboard	 food waste	 garden waste	





# Summer Competition

*SUMMER COMPETITION 2025*

## DESIGN A RECYCLING SUPERHERO!

Stevenage Borough Council is thrilled to launch an exciting, creative challenge for all school-aged children and young people in Stevenage:

**Design Your Own Recycling Superhero!**

**Your Mission:**

Create a bold and colourful superhero character whose unique powers help save the planet by stopping recyclable materials and food waste from ending up in landfill. Your superhero could focus on:

- **Saving food waste** – making sure it goes into the food caddy, not the general bin.
- **Rescuing recyclables** – encouraging people to recycle properly and with purpose!

Your superhero will need:

- A **catchy name** that reflects their special recycling powers.
- A description of their powers and personality.
- An explanation of how they help protect the planet.

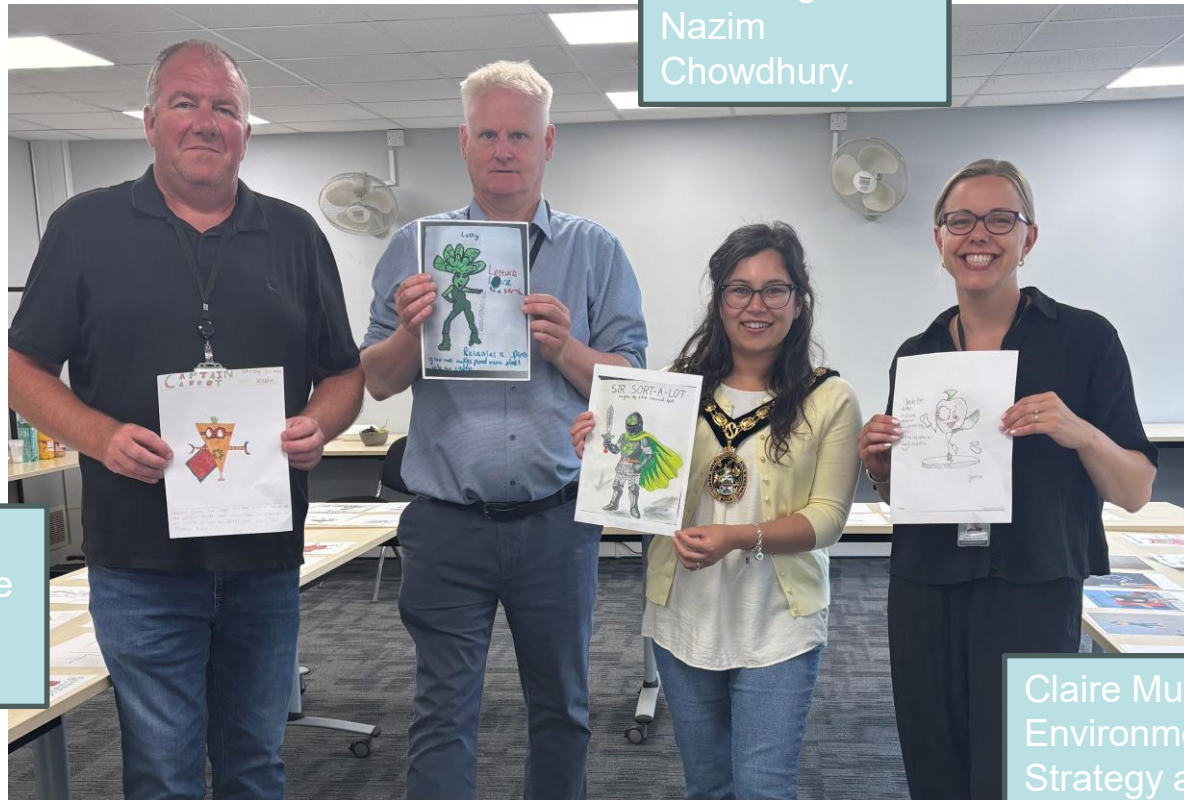


**Stevenage**  
BOROUGH COUNCIL

- Last summer Stevenage Borough Council ran a competition for all the children in Stevenage to design a recycling superhero.
- There were nearly 100 entries!
- There were 4 age categories: 4-8, 9-11, 12-14, 15-18
- 4 winners were chosen, one from each age category.



# The judging panel



The Mayor of Stevenage, Nazim Chowdhury.

Pat Buckley, Manager of waste and recycling teams

Councillor Rob Broom

Claire Murrell, Environmental Policy, Strategy and Projects Officer

# 4 Winners were chosen

SIR SORT-A-LOT  
knight of the round bin



CAPTAIN  
CARROT



Charlie Core



# Meet the new crew!



# New food waste collection vehicles



# Letty Lettuce

- Letty is a bold, sassy eco-hero with a kind heart, always encouraging people to make small changes for the planet
- Her sparkly glow, powered by magical glitter from her childhood, makes food waste float into the caddy and shows others how easy it is to do the right thing
- When she's not saving the Earth, she loves moonlight dancing with other eco-heroes, relaxing in sunny greenhouses, and trying new green smoothie recipes



Letty Lettuce designed by Elvie-Lee Mitchell (Ages 4–8 category)

# Captain Carrot

- Captain Carrot is a kind, brave eco-superhero who encourages others to protect the planet from waste
- Once an ordinary carrot, he gained super strength and magnetic arms from a magical tree. The magnetic arms help him to sort the recycling
- By listening to the sounds of nature, he knows when to act— whenever he hears cans clatter or spots plastic bottles, his arms tingle and he springs into action to recycle



Captain Carrot designed by Sophie Pratt (Ages 9–11 category)

# Charlie Core

- Charlie Core discovered his powers when his mum asked him to take out the food waste
- He travels to homes at night, turning waste into seeds that grow new fruit and veg
- He encourages everyone to recycle their food waste so it can become renewable energy, compost, and fertiliser



Charlie Core designed by Felicité Joy  
(Ages 12–14 category)

# Sir Sort-a-Lot

- Sir Sort-a-Lot wields the legendary Bin Blade, a sword of recycling cans that instantly sorts items into the right container
- Clad in armour made from recycled metals, he brings honour, order, and clean recycling practices to the modern world
- His motto: “The fate of the realm lies within thy bin!”



Sir Sort-a-Lot designed by Gwen Shephard (Ages 15–18 category)

# Which container do they go in?

RESCUE  
ME



recycle

Aerosols

Trigger sprays

DON'T BIN  
ME



recycle

DON'T BIN  
ME



recycle

Yogurt Pots

# Which container do they go in?



Aftershave and perfume bottles



Toilet roll tubes

# Which container do they go in?



Toothpaste Tubes



Foil




Shampoo bottles

# Which container do they go in?



# Don't bin it, recycle it!



 recycle

**Stevenage**  
BOROUGH COUNCIL