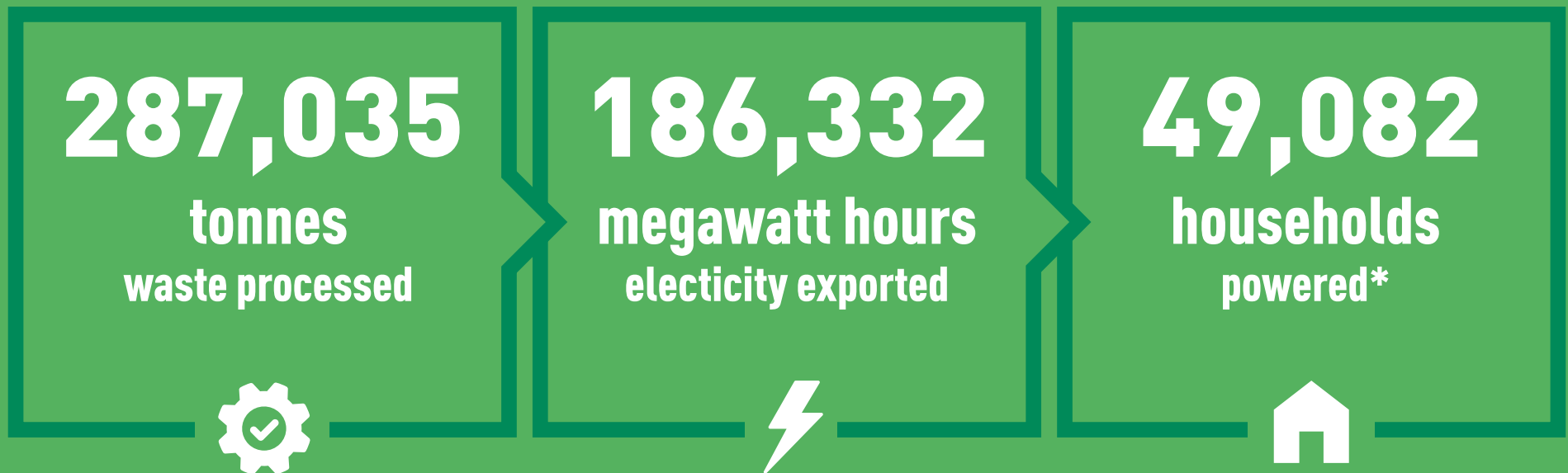




**SUFFOLK ENERGY-FROM-WASTE FACILITY**  
**Annual report 2025**



In the eleventh year of partnership between SUEZ and Suffolk County Council, we've put **287,035 tonnes of waste** to good use generating enough electricity to **power 49,082 homes\***.



\* Based on the mean consumption of all domestic meters in the East in 2024 being 3,796.3 kWh ([www.data.gov.uk](http://www.data.gov.uk)). This figure will fluctuate as the amount of electricity used by households changes year on year.

Suffolk County Council and SUEZ recycling and recovery UK work in partnership to dispose of all of Suffolk's household waste left after recycling.



Putting Suffolk's waste to good use

## Inputs



Waste processed

Municipal waste

227,634 tonnes

Commercial waste

59,401 tonnes

TOTAL

287,035 tonnes

Electricity imported

192 megawatt hours

Raw materials consumed

Lime (hydrated)

2,430 tonnes

Powder activated carbon

122 tonnes

Urea

469 tonnes

Diesel

123,276 litres<sup>1</sup>

## Outputs



Energy generated and exported



Electricity (generated)

209,924 megawatt hours



Electricity (exported)

186,332 megawatt hours

Waste recovered

Bottom ash (aggregate)

48,124 tonnes

Ferrous metals

6,089 tonnes

Non-ferrous metals

3,214 tonnes

Waste disposed

Air pollution control residue

6,540 tonnes

Waste diverted to landfill

3,451 tonnes<sup>2</sup>

## Savings



22,360 tonnes fossil fuels

saved by exporting

186,332 megawatt hours of electricity, compared to natural gas power stations

## Local economy



£889,364 spent with Suffolk suppliers

- 48 staff
- 3 apprentices

## Biodiversity



- 2 bat boxes
- 1 bug hotel on the wildflower meadow
- 5 beehives onsite, looked after by local beekeepers
- 2 stag beetle pyramids
- 2 composting boxes

<sup>1</sup> Diesel is used in the start-up and shut down of the facility to support the preheating and controlled cooling of the furnaces.

<sup>2</sup> During the annual shutdown of the facility some waste is diverted to landfill. Shutdown is required for routine maintenance.

## Compliance



### Environment

(mg/m<sup>3</sup> dry @ 11% O<sub>2</sub>)

	Licence limit Daily average per line	Line one Daily average	Line two Daily average
Particulates	5	1.3	1.9
Total organic carbons	10	0.1	1.0
Hydrogen chloride	8	4.2	5.9
Carbon monoxide	50	4.4	9.3
Sulphur dioxide	40	21.5	36.1
Oxides of nitrogen	180	162.4	171.9

The energy-from-waste process is one of the most tightly regulated industrial processes in Europe. At the Suffolk facility, both SUEZ and the Environment Agency monitor the facility to ensure it operates within the conditions set out by the environmental permit. Flue gas is treated throughout the process to ensure compliance with the permit limits.

Further information is available on our website [www.suffolkefw.co.uk](http://www.suffolkefw.co.uk)

## Health and safety

SUEZ actively promotes safe behaviour and awareness through the work of its dedicated health and safety teams, training courses, safety auditing and the Safety in Mind (SIM) program.



## Community and visitor centre



The visitor centre was refurbished to provide more learning opportunities for visitors. An event was held in July 2025 to celebrate the relaunch.

- **77** visits, including open days
- **35** education / school / children visits
- **42** adult groups
- **1,348** total visitors
- **502** adults
- **846** children
- **2** Year 10 work experience students hosted
- **1** BTech work experience student hosted
- **24** colleagues completed a 'Day a year to volunteer'

- **18** outreach events
  - ↪ The Suffolk Show
  - ↪ Suffolk Youth Climate conference
  - ↪ 10 primary school assemblies and lessons
  - ↪ 1 adult outreach talk
  - ↪ 5 careers events

Supporting various organisations including **Sproughton Primary School, Mildenhall Cricket Club, Orford Ness, Landguard Fort, Suffolk Wildlife Trust** at Lackford Lakes and bird of prey rehabilitator **Peter Merchant**.

## Sponsorship



- **The facility donated over £1,500 to good causes in Suffolk including:**
  - ↪ Claydon Primary School
  - ↪ Claydon High School
  - ↪ Somersham Primary School
  - ↪ Facility staff raised £210 for the Alzheimer's Society's Forget Me Not Appeal.
  - ↪ The SUEZ SCOPE Christmas fund awarded £500 each to three local charities, Red Gables, Jam Community Pot and Inspire Suffolk, to help them to support local residents in need over Christmas.