Suffolk energy-from-waste facility annual report 2017

SUEZ has been putting Suffolk's waste to good use for three years now,

generating enough electricity to power 42,409 homes

and will continue to work with



Putting Suffolk's waste to good use

Suffolk County Council and SUEZ recycling and

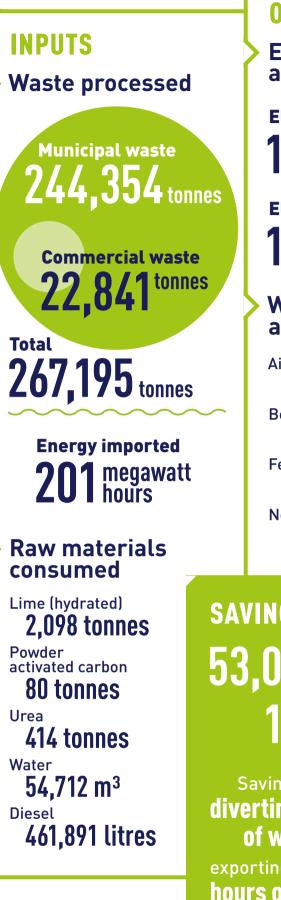
Suffolk County Council until 2039.

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

SUEZ recycling and recovery UK Suffolk energy-from-waste facility Lodge Lane, Great Blakenham, Suffolk IP6 0JE 01473 839149 · www.suffolkefw.co.uk



Suffolk energy-from-waste facility **2017** in numbers



OUTPUTS

Energy generated and exported

Electricity (generated) 170,461 megawatt hours

Electricity (exported) 150,127 megawatt hours

Waste recovered and disposed

Air pollution control residue 6,264.84 tonnes Bottom ash (aggregate) 49,033.62 tonnes Ferrous metals 7,614.82 tonnes Non-ferrous metals 2,127.02 tonnes

SAVINGS

53,031 tonnes fossil fuels 140,373 tonnes CO2e

Savings achieved by diverting 267,195 tonnes of waste from landfill and exporting 150,127 megawatt hours of electricity

PLIANCE ronment	Licence limit Daily average per line (mg/m³)	Line 1 Daily average (mg/m³)	Line 2 Daily average (mg/m³)
Particulates	10	1.1	2.0
Total organic carbons	10	0.4	0.5
Hydrogen chloride	10	7.4	7.0
Carbon monoxide	50	4.1	5.1
Sulphur dioxide	50	31.0	32.4
Oxides of nitrogen	200	179.1	179.6

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 plant 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).

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 programme, which encourages a safety aware culture.

Introduced in 2016, Safety in Mind conversations are used to highlight good practice or to discuss how an activity could be undertaken more safely, and aim to result in fewer near misses and accidents. Since their introduction, the number of near misses has reduced by 26% and the number of personal injuries or lost time accidents has remained static.



ECONOMY 47 staff £785,742 spent with Suppliers **1 apprentice** on a 4-year apprenticeship with West Suffolk College studying to be a maintenance and operations engineering technician

COMMUNITY AND VISITOR CENTRE

4 community liaison group meetings

The community liaison group is made up of residents and councillors local to the facility. It is a forum to both share any concerns about our operations and to celebrate successes. The group has been integral to the facility's success.

77 visits including open days

 education / school / children visits adult groups open day visitors

1,255 total visitors

Sponsorship

CLUB UNDER 7S TEAM. **SUEZ Communities** Trust awarded £10,154 in Suffolk

£5,000 to Sproughton Parochial Church Council for improved access to the church hall

£5,154 to Henley Community **Centre Charity** for a stage extension upgrade

SUEZ SPONSORED

THE CLAYDON FOOTBALL

7 outreach events

The Suffolk Show, working with others from the Suffolk Waste Partnership

6 activities with schools, from eco days to career days