

## Streamlined energy carbon reporting (SECR 2023)

Mandatory reporting as follows:

Streamlined Energy & Carbon Reporting	2016/17	2021/22	2022/23	% Annual Change
Factor Year	–	2022	2023	(21/22 v 22/23)
<b>Energy consumption (kWh)</b>				
Electricity	–	3,381,655.60	3,066,029.73	-9%
Gas	–	6,198,885.75	6,303,347.24	2%
Transport fuels	–	1,331,086.03	1,057,180.11	-21%
Other stationary fuels	–	94,968.16	63,737.42	-33%
<b>Total energy consumption (kWh)</b>	–	<b>11,006,595.54</b>	<b>10,490,294.50</b>	<b>-5%</b>
<b>Emissions (tCO<sub>2</sub>e)</b>				
	4,115.39	2,655.61	2,527.65	-5%
<b>Scope 1</b>				
Emissions from combustion of gas in buildings	–	1,131.54	1,153.06	2%
Emissions from combustion of fuel for transport purposes	–	166.56	141.29	-15%
Emissions from combustion of other stationary fuels	–	21.38	13.63	-36%
<b>Total Scope 1</b>	<b>1,900.99</b>	<b>1,319.48</b>	<b>1,307.99</b>	<b>-1%</b>
<b>Scope 2</b>				
Emissions from purchased electricity (location-based*)	1,749.33	658.99	641.74	-3%
Emissions from purchased electricity (market-based**)	–	22.50	6.85	-70%
<b>Scope 1 &amp; 2</b>				
Total Scope 1 & 2 emissions (location-based*)	3,650.32	1,978.48	1,949.73	-1%
Total Scope 1 & 2 emissions (market-based**)	–	1,341.99	1,314.83	-2%
<b>Scope 3</b>				
Category 6: Emissions from business travel in rental cars (fuel purchased)	465.07	203.93	139.63	-32%
Category 3: Upstream emissions from purchased fuel and energy (location-based*)	–	473.20	439.12	-7%
Category 3: Upstream emissions from purchased fuel and energy (market-based**)	–	297.00	279.35	-6%
<b>Total emissions tCO<sub>2</sub>e (location-based*)</b>	<b>4,115.39</b>	<b>2,655.61</b>	<b>2,528.47</b>	<b>-5%</b>
<b>Total emissions tCO<sub>2</sub>e (market-based**)</b>	<b>–</b>	<b>1,842.92</b>	<b>1,733.82</b>	<b>-6%</b>
<b>Intensity (Scope 1 &amp; 2 only)</b>				
Intensity ratio: tCO <sub>2</sub> e / £ million turnover (location-based*)	34.84	20.35	21.87	7%
Intensity ratio: tCO <sub>2</sub> e / £ million turnover (market-based**)	–	13.80	14.75	7%

### Methodology

Greenhouse Gas Protocol Corporate Greenhouse Gas Accounting and Reporting Standard

The energy data for some activities at some of our sites was not accessible when calculating emissions totals for last year's SECR. Alumasc has since deployed a more detailed methodology and worked to fill the gaps in last year's data to present a like-for-like comparison with FY22/23 data collection methodology. Alumasc's new data collection process yielded a near-complete data set for this financial year. Estimations based on Alumasc's available data were made when activity data was absent in FY21/22 and FY22/23.

### Definitions

**\*Location-based approach** – reflects the emissions from electricity coming from the national grid energy supply.

**\*\*Market-based approach** – reflects the emissions from the electricity sources or products (energy tariffs), that the consumer has specifically chosen.