

# ENERGY & CARBON REPORTING 2022/23

Greenhouse gas emissions and energy use data for the period 1<sup>st</sup> August 2022 to 31<sup>st</sup> July 2023.

Energy consumption used to calculate emissions (kWh)	2,435,077
Energy consumption break down (kWh) (optional)	
Gas	1,436,941
Electricity	859,900
Transport fuel	138,236
Scope 1 emissions in metric tonnes CO <sub>2</sub> e	
Gas consumption	263.19
Owned transport	4.03
Total scope 1	267.22
Scope 2 emissions in metric tonnes CO <sub>2</sub> e	
Purchased electricity	182.58
Scope 3 emissions in metric tonnes CO <sub>2</sub> e	
Business travel in employee owned vehicles	29.62
<b>Total gross emissions in metric tonnes CO<sub>2</sub>e</b>	<b>479.42</b>
Intensity ratio	
Tonnes CO <sub>2</sub> e per member of staff	1.11

<b>Greenhouse gas emissions and energy use data</b>	<b>Current reporting year 2022-2023</b>	<b>Comparison reporting year 2021-2022</b>	<b>Difference calculated between 21/22 &amp; 22/23</b>
Energy consumption used to calculate emissions (kWh)	2,435,077	2,382,057	53,020
<b>Energy consumption break down (kWh) (optional)</b>			
Gas	1,436,941	1,355,319	81,622
Electricity	859,900	875,110	(15,210)
Transport fuel	138,236	151,628	(13,392)
<b>Scope 1 emissions in metric tonnes CO2e</b>			
Gas consumption	263.19	248.24	14.95
Owned transport – mini-buses	4.03	4.35	(0.32)
Total scope 1	267.22	252.59	14.63
<b>Scope 2 emissions in metric tonnes CO2e</b>			
Purchased electricity	182.58	185.81	(3.23)
<b>Scope 3 emissions in metric tonnes CO2e</b>			
Business travel in employee owned vehicles	29.62	32.57	(2.95)
<b>Total gross emissions in metric tonnes CO2e</b>	<b>479.42</b>	<b>470.97</b>	8.45
<b>Intensity ratio</b>			
Tonnes CO2e per member of staff	1.11	1.15	(0.04)

### 10.1 Quantification and Reporting Methodology

We have followed the 2019 HM Government Environmental Reporting Guidelines. We have also used the GHG Reported Protocol – Corporate Standard and have used the 2021 UK Government’s Conversion Factors for Company Reporting.

### 10.2 Intensity measurement

The chosen intensity measurement ratio is total gross emissions in metric tonnes CO2e per staff member, the recommended ratio for the sector.

### **10.3 Measures take to improve energy efficiency**

We have continued a programme of installation of LED lights and upgrades to our heating system to become more energy efficient.