

Boston College – Streamlined Energy and Carbon Reporting

Year Ending 31st July 2021

Greenhouse gas emissions and energy use data:

	Year Ending 31 st July 2021	Year Ending 31 st July 2020
Energy Consumption used to calculate emissions (kWh)	3,169,805	2,695,858
Energy Consumption breakdown (kWh)		
Gas	1,717,967	1,323,536
Electricity	1,430,475	1,326,917
Transport Fuel	21,363	45,405
Scope 1 Emissions in metric tonnes CO₂e		
Gas Consumption	314	243
Owned Transport	17	12
Total Scope 1	255	255
Scope 2 Emissions in metric tonnes CO₂e		
Purchased Electricity	304	309
Scope 3 Emissions in metric tonnes CO₂e		
Business travel in employee-owned vehicles	4	37
Total Gross Emissions in metric tonnes CO₂e	601	601
Intensity Ratio		
Tonnes CO ₂ e per member of staff	1.4	1.34

Quantification and Reporting Methodology

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

Intensity Measurement

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

Measures Taken to Improve Energy Efficiency

Continued the use of video conferencing technology for staff meetings, reducing the need to travel between sites. Increase the number of LED bulbs used across sites to improve energy efficiency.