



Streamlined Energy and Carbon Report

Year End 31 July 2024

Statement of carbon emissions in compliance with Streamlined Energy and Carbon Reporting (SECR) covering energy use and associated greenhouse gas emissions relating to gas, electricity and transport, intensity ratios and information relating to energy efficiency actions.

The College is committed to becoming environmentally sustainable and meeting Net Zero by 2050. The College has taken the following measures to improve energy efficiency:

Use of virtual technology for digital documents, meetings, training and staff development	Staff attending energy/sustainability network/training events
Exploring options to replace College vehicles with hybrid or electric	Where feasible cladding & insulation of buildings, secondary glazing and solar panels
Staff benefits to encourage environmentally sustainable travel	Installation of external LED lighting with gradual installation of internal LED lighting
Homeworking where appropriate and feasible	Campus economic closures during popular holiday periods

Other measures

Electric vehicle charging points
 Commissioned a site wide net zero carbon study to provide direction on options/projects to decarbonise the estate and meet the future net zero target.

UK Greenhouse gas emissions and energy use data for the period	1 August 2023 to 31 July 2024	1 August 2022 to 31 July 2023	1 August 2021 to 31 July 2022	1 August 2020 to 31 July 2021
Energy consumption used to calculate emissions (kWh)	4,041,961	4,145,838	4,413,559	5,174,901
<u>Scope 1 emissions in metric tonnes CO₂e</u>				
Gas consumption	442.66	494.17	555.29	650.27
Owned transport	5.68	5.41	7.42	Data not available
Total	448.34	499.58	562.71	650.27
<u>Scope 2 emissions in metric tonnes CO₂e</u>				
Purchased electricity	335.78	299.09	265.23	344.96
<u>Scope 3 emissions in metric tonnes CO₂e</u>				
Business travel in employee owned vehicles	30.86	33.88	29.82	13.37
Total gross emissions	814.98	832.56	857.76	1008.60
Reduction	-2%	-3%	-15%	

Targets

2030 = 572 metric tonnes CO₂e
 2040 = 285 metric tonnes CO₂e
 2050 = 0 metric tonnes CO₂e

Intensity ratio

Metric tonnes CO₂e per square foot	2.06	2.11	2.17	2.55
Metric tonnes CO₂e per FTE staff member	2.02	2.23	2.27	2.67

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 2024 UK Government’s Conversion Factors for Company Reporting.

Intensity measurement

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