

Streamlined Energy and Carbon Reporting (SECR)

Greenhouse gas emissions and energy use data for the period: 1 August 2019 to 31 July 2020 – UK	2019-20
Energy consumption used to calculate emissions (kWh)	
Energy consumption break down (kWh):	
Gas	1935102
Electricity	874298
Transport fuel	9806
Scope 1 emissions in metric tonnes CO₂e	
Gas consumption	356.05
Owned transport	2.18
Total scope 1	358.23
Scope 2 emissions in metric tonnes CO₂e	
Purchased electricity	210.4
Scope 3 emissions in metric tonnes CO₂e*	
Business travel in employee owned vehicles	NA
Total gross emissions in metric tonnes CO₂e	568.63
Intensity ratio	
Tonnes CO ₂ e per member of staff	2.49

*Scope 3 emissions have not historically been included in our carbon emission calculations which have included only scope 1 and 2. Information on scope 3 emissions for the college is being sourced and will be included in future.

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 2020 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

We have replaced the boilers in the main college building with more energy efficient ones and continue to upgrade lighting across college with LED lighting on a rolling basis.

Mixed recycling bins are in place and integrated across all classrooms, large offices and the LRC. Promotion of recycling across college continues.

Implementing the environmental management system ISO 14001 has been included in the college 2020-2023 strategic plan.

