

SUMMARY ENERGY AND CARBON REPORTING DOCUMENT

| Greenhouse gas emissions and energy use data for the period 1 August to 31 July – UK | 2019/20 | 2020/21 | 2021/22 | 2022/23 |
|---|----------------|-----------------|-----------------|-----------------|
| Energy consumption used to calculate emissions (kWh) | 7,181,945 | 8,334,712 | 8,411,803 | 7,428,353 |
| Scope 1 emissions in metric tonnes CO₂e | | | | |
| Gas consumption | 774 | 982.29 | 851 | 775.70 |
| Transport | 4.77 | 0.22 | 4.48 | 2.84 |
| Total Scope 1 | 778.77 | 982.51 | 855.48 | 778.54 |
| Scope 2 emissions in metric tonnes CO₂e | | | | |
| Purchased Electricity | 631 | 709.58 | 804.00 | 740.15 |
| Total gross emissions in metric tonnes CO₂e | 1,423 | 1,692.10 | 1,659.48 | 1,518.69 |
| Intensity Ratio | | | | |
| Tonnes CO₂e per member of staff | 1.20 | 1.43 | 1.4 | 1.41 |

Quantification and Reporting Methodology

We have followed the HM Government Environmental Reporting Guidelines.

Intensity Measurement

The chosen intensity measurement ratio is total gross emissions in metric tonnes CO₂e per staff member (1,100), the recommended ratio for the sector. Measures taken to improve energy efficiency during the year have been set out in the College's Sustainability Annual Report