



Streamlined Energy and Carbon Reporting 2019/20

UK Greenhouse gas emissions and energy use data for the period 1 September 2019 to 31 August 2020

Energy consumption used to calculate emissions (kWh)	8,668,125
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Energy consumption break down (kWh) (optional):

- gas
- electricity
- transport fuel

Scope 1 emissions in metric tonnes CO₂e

Gas consumption	1,248.46
Owned transport – mini-buses	1.42
Total Scope 1	1,249.88

Scope 2 emissions in metric tonnes CO₂e

Purchased electricity	434.69
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Scope 3 emissions in metric tonnes CO₂e

Business travel in employee owned vehicles	1.36
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Total gross emissions in metric tonnes CO₂e	1,685.93
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Intensity ratio Tonnes CO ₂ e per pupil	0.363
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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 pupil, the recommended ratio for the sector.

Measures taken to improve energy efficiency

The Laurus Trust is keen to ensure that whatever work we undertake has some form of energy efficiency benefits and contributes to achieving the UK's commitment to reducing its greenhouse gas emissions by at least 80% by 2050, relative to 1990 levels. Four of the seven schools in the Trust are in brand new buildings, all of which have energy efficiencies with the use of solar wind catchers, LED lighting, lighting sensor controls, energy efficient heating and ventilation systems. Our older schools have benefited from replacement double glazed windows, roof refurbishments with increased insulation, breathable buildings technology and solar panel installations. As part of the Trust's building development and refurbishment plan we have commenced upgrading lighting within our older school buildings to LED with sensor controls wherever refurbishment takes place. All schools now operate heating and cooling services via a BMS system which enables accurate control, more so in the new schools, of the amount of energy being used and when. The Trust has leased a totally electric, therefore, zero emissions vehicle for staff to use to travel between its school sites. In addition, the Trust uses video conferencing technology for many meetings to reduce the need to travel between schools. We have recently applied for a grant under the Decarbonisation Scheme to enable us to complete surveys to establish how we can further improve efficiencies and reduce our carbon foot print.