

Bishop Auckland College Group

Streamlined Energy and Carbon Reporting
2020/21 (SECR)





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Scope Data

Bishop Auckland College Group is required to submit SECR report as a mandatory requirement.

The below report covers the academic year of 2020 to 2021.

<u>SCOPE 1</u>			
-	2020 /21	Exclusion	% of activity data that is estimated
GAS	479,186.92	0	0
Fleet Owned Vehicles	153,875.92	0	0
Total kg	633,062.83		
Total tonnes	633.06		
<u>SCOPE 2</u>			
-	2020 /21	exclusion	% of activity data that is estimated
Electric	326,022.28	0	0
Total kg	326,022.28		
Total tonnes	326.02		
Total Kg of CO2	959,085.11		
Total Tonnes of CO2	959.09		

* All figures are measured in Kg/Tonne of CO2





Business Travel

The fleet is predominately diesel, the fleet consumed 894.99 litres of diesel from 2020/21. No air miles or alternative travel were recorded in this period.

Intensity Ratios

Intensity ratios

	Total Kg of CO2	CO2 per member of staff (300)	CO2 per student (1200)
Scope 1	633,062.83	2,110.21	527.55
Scope 2	326,022.28	1,086.74	271.69
Total KG	959,085.11	3,196.95	799.24
Total Tonnes			





Efficiency and Sustainability improvements

Bishop Auckland College Group is committed to lowering carbon footprint where possible.

The pandemic has had an overall effect on our strategic plan to reduce carbon footprint, however we have continued behavioural changes to improve energy efficiency and continued focus on ongoing projects including;

- Feasibility for solar panels
- Feasibility for 5 air source heat pumps
- Introduction of LED lights
- Introduction of low power PC's, printers and copiers
- Continuous improvements for data collating and management
- Bishop Auckland College Group is committed to reducing its impact on the environment and as new equipment is required, old equipment will be replaced with energy efficient alternatives where possible.





Appendices

Methodology

Conversion factors used:

Electricity - kWh x 0.23314

Gas - kWh x 0.18387

Diesel - Mile to Km * by vehicle efficiency rating converted to tonne

Vehicle 1— 124 g/km

Vehicle 2— 189 g/km

All metrics used are government issued from the Conversion Calculator 2021.

Energy details are supplied by the appropriate supplier of each energy meter.

Fleet data is collected from odometer/tachometer of vehicle

