



Bishop Auckland College Group

Streamlined Energy and Carbon Reporting
2022/23 (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 2022 to 2023.

SCOPE 1

	2021 /22	Exclusion	% of activity data that is estimated
GAS	378,917.69	0	0
Fleet Owned Vehicles	6,430.00	0	0
Total (Kg)	385,347.69		
Total (Tonne)	385.35		

SCOPE 2

	2021 /22	Exclusion	% of activity data that is estimated
Electric	262,380.12	0	0
Total (Kg)	262,380.12		
Total (Tonne)	262.38		

* All figures are measured in Kg/Tonne of CO2





Business Travel

The fleet is predominately diesel, the fleet covered 11,548.62 km in 2022/23 reporting period. No air miles or alternative travel were recorded in this period.

Intensity Ratios

Intensity Ratios

	Total CO2	CO2 per staff member	CO2 per pupil (1880)
Scope 1	385,347.69	1,319.68	218.70
Scope 2	262,380.12	898.56	148.91
Scope 3 (Excluded staff vehicles only)	4,990.00	17.09	2.83
Total (Kg)	647,727.81	2,218.25	367.61
Total (Tonne)	647.73	2.22	0.37





Efficiency and Sustainability improvements

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

We have continued behavioural changes to improve energy efficiency and continued focus on ongoing projects including;

- Feasibility for solar panels - on going
- Feasibility for Air Source Heat Pumps - on going
- Completion of LED light install project - on going
- Introduction of high efficiency 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.





Efficiency and Sustainability improvements

Bishop Auckland College Group has produced a climate action roadmap which aims to target a variety of key areas of our sustainability goals. These include, Leadership & Governance, Teaching, Learning & Research, Estates and Operations, Partnerships & Engagement, and finally Data Collection.

This will be headed by a Sustainability Committee that includes both students and leaderships to drive these plans forward and to continue the developments of any further goals and ideas.

This roadmap aims to provide a comprehensive action plan that tackles sustainability from the ground up from the students to the leadership, technologies to data collection. Aside from the overall goal of the colleges efficiency and sustainability improvements, the college also hopes that this type of action roadmap is a pioneering example in how to approach a full scale sustainability plan in the education community and inspires others to follow and implement their own plans.





Summary

In summary, the College has used less energy than the previous year due to the summer heat reducing the requirements for heating.

The College has reduced its size with an older building no longer being used.





Appendices

Methodology

Conversion factors used:

Electricity - kWh x 0.20707

Gas - kWh x 0.18432

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

All metrics used are government issued from the Conversion Calculator 2023.

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

Fleet data is collected from odometer/tachometer of vehicle

