



**KIRKLEES  
COLLEGE**

# **STREAMLINED ENERGY CARBON REPORT**

2019/20 (SECR)





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# SCOPE DATA

Each year Kirklees College is required to produce the SECR report that details our scope 1,2 & 3 emissions.

For the academic year 2019/20 consumption/usage data is as follows:

## SCOPE 1

	2019/20	Specific exclusions	% of activity data that is estimated
Gas	851.97	None	0
Fleet Owned Vehicles	8.265	None	0
<b>Total</b>	<b>860.235</b>		

## SCOPE 2

	2019/20	Specific exclusions	% of activity data that is estimated
Electricity	853.75	None	0
<b>Total</b>	<b>853.75</b>		

## SCOPE 3

	2019/20	Specific exclusions	% of activity data that is estimated
Grey Fleet	1.591	None	0
<b>Total</b>	<b>1.591</b>		

\*All figures are measured in tonnes of CO<sub>2</sub>e





## BUSINESS TRAVEL

	2019/20
Air	0
Train	0
Car	1.591
<b>Total</b>	<b>1.591</b>

## INTENSITY RATIOS

	Total tonnes CO2e	CO2e per square metre	CO2e per average FTE employee
Scope 1	860.235	0.0125	1.3654
Scope 2	853.75	0.0125	1.3551
Scope 3	1.591	0.00002	0.0025
<b>Total</b>	<b>1,715.576</b>	<b>0.02502</b>	<b>2.723</b>

## ENVIRONMENTAL IMPROVEMENTS

- LED lighting installed through-out the estate.
- Electrical vehicle charging points installed at all of the college sites along with two electric vans added to the college fleet.
- Disposal of surplus college sites including the recent sale of the Halifax Road site reducing the estate by circa 17,000m<sup>2</sup>.
- A comprehensive review of space utilisation is underway, particularly looking at the use of office space adopting flexible desk solutions where possible.
- Encourage the continued use of Microsoft Teams and other software for virtual meetings to reduce travel by staff and suppliers.

# APPENDICES

## Methodology

Total square meterage: 68,062m<sup>2</sup>

Total average number of employees 630 FTE, (headcount 950)

### Conversion factors used:

Electricity	0.2556
Gas	0.1836
Diesel (Fleet) (Kms)	0.2568
Combined Petrol/Diesel (Grey) (Kms)	0.180605

Above conversion factors supplied from Department of Business, Energy and Industrial Strategy.  
[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/904212/conversion-factors-2019-condensed-set-v01-02.xls](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/904212/conversion-factors-2019-condensed-set-v01-02.xls)

- Data collected from a mixture of profile and invoice data for gas and electricity.
- Fleet vehicles usage compiled from mileage log books
- Grey fleet figures based on the number of miles claimed (converted to kms) through our expenses then converted using DEFRA conversion factor for average petrol and diesel combined.