

## STREAMLINED ENERGY & CARBON REPORTING South Devon College 2020-21

The Streamlined Energy and Carbon Reporting framework (SECR) is a Government set of regulations that came in force April 2019 and aims to harmonise carbon reporting and leave it consistent with financial reporting years. It will also make it easier to monitor and achieve reductions in carbon and cost each year.

### Introduction

South Devon College is fully committed to the SECR and to promoting and advancing environmental sustainability and has recently published its Sustainability Strategy to support its challenging ambition to be net carbon neutral by 2030.

In line with the ESFA guidance on SECR, the College has published its data in the standard format below and now, in addition (from 2020-2021), publishes comparative data as required by the regulations.

The College have followed the approved methodology for Green House Gas (GHG) Reporting Protocol and uses the Government conversion factors for company reporting. The conversion factors are updated annually and are generally released each year in June. The College has used the required 2021 conversion factors for the 2020 to 2021 financial year.

<b>Greenhouse gas emissions and energy use data for the period 1 August - 31 July</b>	<b>Current reporting year 2020 to 2021</b>	<b>Comparison reporting year 2019 to 2020</b>
Energy consumption used to calculate emissions (kWh)	8,082,770	5,808,133
<b>Energy consumption break down (kWh)</b>		
Gas	4,943,062	2,889,791
Electricity	3,034,340	2,689,839
Transport Fuel	105,368	228,503
<b>Scope 1 emissions in metric tonnes CO<sub>2</sub>e</b>		
Gas consumption	905.37	531.35
Owned transport	8.87	14.67
Total scope 1	914.24	546.02
<b>Scope 2 emissions in metric tonnes CO<sub>2</sub>e</b>		
Purchased electricity	644.28	628.24
<b>Scope 3 emissions in metric tonnes CO<sub>2</sub>e</b>		
Business travel in employee owned vehicles	12.08	34.55
<b>Total gross emissions in metric tonnes CO<sub>2</sub>e</b>	<b>1,570.60</b>	<b>1,208.81</b>
<b>Intensity ratio (FTE staff)</b>		
Tonnes CO <sub>2</sub> e per member of staff	2.73	2.20

### 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 CO<sub>2</sub>e per staff member, the recommended ratio for the sector.

**Measures taken to improve energy efficiency**

We have renewed with a “green” electricity provider, installed further low energy LED fittings in Vantage Point, and we conduct late night energy audits. Maintaining suitable building temperatures in the context of COVID (whilst maximising fresh air mechanical ventilation and minimising recirculation) has led to an increase in gas and electricity consumption.