

Annual SECR disclosure

Sparsholt College Group | Academic Year 2022-2023

Introduction

This Streamlined Energy and Carbon Report (SECR) is Sparsholt College Group's response to The Companies (Directors Report) and Limited Liability Partnership (Energy and Carbon Report Regulations 2018) that encompass March 2019 Environmental Reporting Guidelines. These regulations require the College to provide a streamlined energy and carbon report that is designed to increase awareness of energy costs, provide data to support the adoption of energy efficiency measures and to help organisations to reduce their impact on climate change. The report will also provide greater transparency for stakeholders.

Methodology

The standard used in the information presented is the GHG Reporting Protocol-Corporate Standard 2022 presented within the framework of the EAUC SECR tool. The data from the SECR report for 2020/21 has been used for the base year comparison.

Intensity Measurement

The chosen intensity measurement ratio is total gross emissions in metric tonnes CO₂e per staff member (FTE), the recommended ratio for the sector.

Environmental improvements already implemented in the College include:

- 100% of electricity supplied is renewable as backed by Renewable Energy Guarantees of Origin (REGO)
- Electric vehicle charge points installed on both campuses with 2 fleet and 2 demonstration EVs in use
- Water harvesting systems to save water
- Zero land fill waste contractor
- All boilers replaced with grade A boilers
- All contractors must have green incentives or quality assurances
- All mains gas supply is from green energy supplier
- 500 KW of Photovoltaics installed providing 15% of our electricity consumption.
- Car share policy for staff
- Monitoring systems installed on water consumption (leak detection)
- LED lighting installed throughout both campuses
- Move to Meadow foods for milk sales and accredited to sustainable milk production programme.

- Re-accredited to Red Tractor sustainable farming
- Well established diverse habitats including an area of wetland, 1 hectare lake, 2 hectares of Ancient Semi-Natural Woodland managed for conservation and diversity
- Multiplicity of ornamental tree and shrub variety and garden plants on the campuses
- On-site College apiary re-established
- E-tendering system for procurement
- Curriculum engagement in local biodiversity projects
- Catering switch to veg based packaging
- Solutions to reduce travel include cross-college meetings (Andover and Sparsholt Comms) now hosted virtually, duty manager activities hosted per campus and initial stages of recruitment activities undertaken virtually.

Environmental improvements planned or underway in the College include:

- The College Group's Sustainability Strategy and Action Plan are now mapped against the 5 key action areas as identified in the Department for Education's (DFE's) Sustainability and Climate Change Strategy
- Carbon reduction plan produced with priority actions identified
- New property strategy developed which embeds climate change considerations within capital investment decision making
- Targeted investment into the College's Building management system (BMS) to improve energy efficiency
- FECTF funding application to replace the most inefficient buildings on the Sparsholt campus
- Ongoing management and review of habitat and diversity on SCG campuses
- A new conservation land management plan is in place for Ower Wood, new planting to the front drive and a review of ELMS scheme to join is underway
- Sustainability is the key feature of social action projects in FE this academic year (examples include wetland development, pond restoration, rewilding areas)
- Place sustainability at the heart of the Student Council agenda (including leading on initiatives throughout the student community)
- Reduce paper and printing consumption (migrate to electronic forms and resources)
- Revision of current Waste Management Policy to include adoption of Right to Repair rules to reduce wastage and increase lifecycle of goods
- Electric vehicle charge points to be installed
- Report and manage climate change impact in Strategic Risk Management Plan
- Integration of the sustainability agenda within the tutorial programme to raise awareness and understanding
- Engage learners in meaningful social action projects which focus on the green agenda and connect learners to wider societal responsibilities
- Sustainability is a standing agenda item at Student Council, with each Council given £500 budget to run student-led initiatives.

Sparsholt College Group		Annual SECR disclosure		Academic year 2022-2023	
Base Year for emissions disclosure	2020 - 2021				
Reporting Organisation	Sparsholt College Group				
Person Responsible	Darren Carrig				
Academic Reporting year	2022-2023				
Type of Reporting Organisation	College Corporation				
Methodology used	GHG protocols Corporate standards & SECR guidelines for College Corporations				
Emissions factors used	UK Government conversion factors for Company set				
Included Scope 3 emissions	Water (supply and waste treatment), , WEEE, Grey Fleet (miles), Red Diesel: Farm, Agri, Arb, Hort 53676 litres				
Scope 2 emissions	Location Based Power, Market Based power				
Exclusions	None				
Report Year Scope 1 emissions	Fuel Source	Volume Unit	TCO _{2e}	Emissions change v Base Year	
Heating	Natural Gas	824,062.00 kWh	150.42	-32%	
	Other	4,265,229.80 kWh	935.83	2%	
Transport	Diesel	250,149.40 kWh	60.32	58%	
	Petrol	47,030.08 kWh	10.68	-1%	
		-	-		
Fugitive Emissions		-	-		
Scope 1 Sub-Total			1,157.27	-2%	
Report Year Scope 2 emissions					
Location Based Power	Electricity	2,823,428.00 kWh	545.99	-17%	
Self Generated Renewable Power	Electricity	- 522,216.00 kWh	100.99	-16%	
Scope 2 Sub-Total			646.98	-16%	
Report Year Scope 3 emissions					
Water (supply and waste treatment)	Not Disclosed	91,649.00 M ³	34.84	-38%	
		-	-		
WEEE	Not Disclosed	4.20 Tonnes	0.09	-20%	
Grey Fleet (miles)	Diesel and Petrol	21,163.20 Miles	5.94	195%	
Red Diesel: Farm, Agri, Arb, Hort 53676 litres	Not Disclosed	137.21 TCO _{2e}	137.21	41%	
		-	-		
		-	-		
		-	-		
Gross TCO _{2e} pre offset			1,982.33	-6%	
Offsets					
Market Based power	Electricity	- 2,823,428.00 kWh	- 545.99	-17%	
		-	-		
		-	-		
Net TCO _{2e}			1,436.33	-2%	
Report Year Energy Intensity Ratios (S1&2)	Quantity	kWh's / Unit	Report Year TCO _{2e} / Unit		
Floor area	-	-	-		
Staff FTE	413	19,893.14	3.48034	-4%	
Student FTE	3,609	2,274.84	0.39799	-5%	
Number of Staff	-	-	-		
Transport Intensity Ratios (S1&2)	Quantity	kWh's / Unit	TCO _{2e} / Unit		
Miles	-	-	-		
Per Vehicle	38	7,820.51	1.868639	44%	
Context					

Jointly created by Hillside Environmental Services and the EAUC, this tool is freely available for EAUC Members to help them meet their Environmental disclosure and Carbon reporting (SECR) obligations and start their Journey along the Climate Action Roadmap *Andover Fuel added for 22/23 not included in base year

