

INSPIRED

Streamlined Energy & Carbon Reporting (SECR)

South Hampshire College Group

FY2025



SECR Highlights

South Hampshire College Group

Reporting Year: 1st August 2024 – 31st July 2025

Year-on-year Changes

- Natural Gas & Other Fuels emissions increased by 22.12% in FY2025 compared to FY2024.
- Electricity emissions decreased by 19.14% in FY2025 compared to FY2024.
- Transport emissions reduced by 16.32% in FY2025 compared to FY2024.

Energy Saving Projects: Highlights

- LED Lighting Retrofit
- Demolition of Energy-Inefficient Sites
- Roof Replacement

Carbon and Energy Overview

Table 1: Energy Source Breakdown for Total UK Location-Based Emissions.

	Natural Gas and Other Fuels	Electricity	Transport	Total
FY2025 Carbon and Energy Consumption				
kWh	5,823,727	3,326,831	149,090	9,299,649
tCO ₂ e	1,066.36	588.85	34.49	1,689.70
FY2024 Carbon & Energy Consumption*				
kWh	4,766,129	3,517,271	184,916	8,468,316
tCO ₂ e	873.17	728.25	41.21	1,642.64
YoY Percentage Change (tCO ₂ e)	+22.12%	-19.14%	-16.32%	+2.86%

Table 2: Emission Intensity Breakdown for Total UK Location-Based Emissions.

	Natural Gas and Other Fuels	Electricity	Transport	Total
Carbon Intensity Metrics				
FY2025 tCO ₂ e per Staff Number	1.34	0.74	0.04	2.13
FY2024 tCO ₂ e per Staff Number*	1.25	1.05	0.06	2.36
YoY Percentage Change (tCO ₂ e)	+6.92%	-29.21%	-26.74%	-9.94%

N.B. The reported Scope 1, 2 and 3 emissions have been rounded to two decimal places. Any year-on-year comparison calculations have been conducted using complete unrounded figures.

*FY2024 Natural Gas and Electricity figures have been restated. Please see the appendix for further details.

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Executive Summary

SECR disclosures are mandatory for listed and large unlisted UK companies with reporting cycles beginning on or after 1st April 2019.

This report summarises South Hampshire College Group's (SHCG) energy usage, associated emissions, energy efficiency actions and energy performance under the government policy Streamlined Energy & Carbon Reporting (SECR). This is implemented by the Companies (Directors' Report) and Limited Liability Partnerships (Energy and Carbon Report) Regulations 2018. Mandatory information for compliance is outlined on pages 4, 6 and 7 of this report.

The appendix (page 7) includes the methodologies utilised for all calculations related to the elements reported under energy and carbon.

Under the legislation, SHCG must disclose its energy consumption, emissions, intensity metrics and all energy efficiency improvements implemented for all UK operations.

SHCG is a UK-incorporated business. An operational boundary has been applied for the purposes of the reporting.

100% verifiable data coverage was achieved, with no estimations required. This has decreased from the FY2024 estimation level of 41.93%.

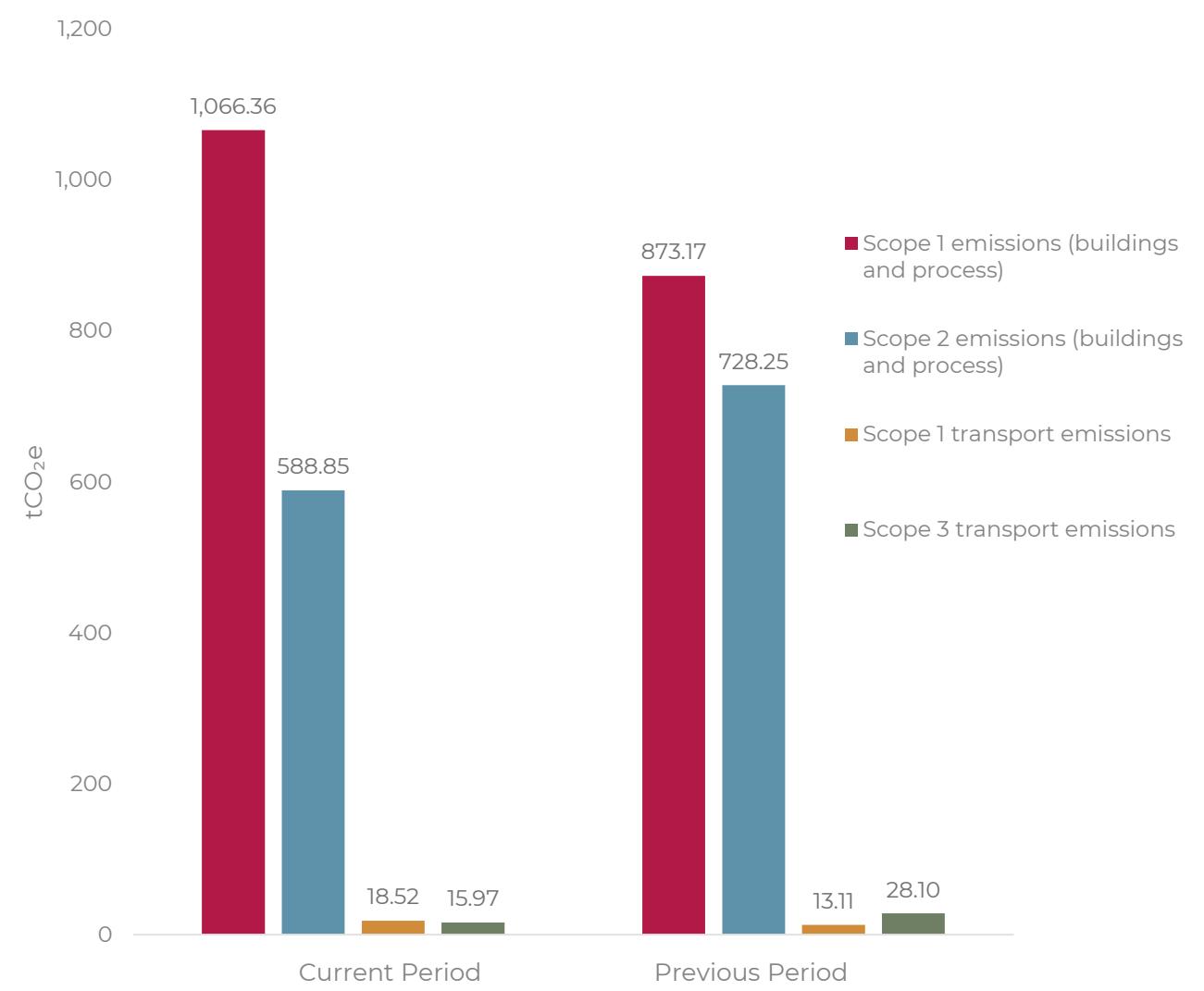
Reporting Year: August 2024 - July 2025

SHCG's Scope 1 direct and Scope 3 indirect emissions (combustion of natural gas, other fuels and transportation fuels) for this reporting year are 1,100.85 tCO₂e, resulting from the direct combustion of 5,972,818 kWh of fuel. This represents a carbon increase of 20.39% from last year ending July 2024 (Table 1).

Scope 2 indirect emissions (purchased electricity) for this reporting year are 588.85 tCO₂e, resulting from the consumption of 3,326,831 kWh of electricity purchased and consumed in day-to-day business operations. This represents a carbon reduction of 19.14% from last year ending July 2024 (Table 1).

SHCG's operations have an intensity metric of 2.13 tCO₂e per staff number for this reporting year. This represents a reduction in the operational carbon intensity of 9.94% from last year ending July 2024 (Table 2).

Figure 1: Scope 1, 2 and 3 emissions (tCO₂e) for this reporting period vs the previous reporting period.



The following tables show the consumption and associated emissions for financial years ending July 2025 and July 2024 for all operations.

SHCG has disclosed its mandatory consumption and emissions data for its UK operations.. Total consumption and location-based emissions are reported in Tables 4 and 5.

Scope 1 consumption and emissions include direct combustion of natural gas, other fuels and fuels utilised for transportation operations, for example, company vehicle fleets.

Scope 2 consumption and emissions cover indirect emissions related to the consumption of purchased electricity in day-to-day business operations.

Scope 3 consumption and emissions cover emissions resulting from sources not directly owned by South Hampshire College i.e., grey fleet business travel undertaken in employee-owned vehicles only.

Table 3: South Hampshire College Group Total UK Emissions Intensity Metrics.

Intensity Metrics	FY2025	FY2024*	FY2025	FY2024*
Staff Number	795	696	795	696
Reporting Method	Location-Based tCO ₂ e per Staff Number	Market-Based tCO ₂ e per Staff Number		
All Scopes (1, 2 & 3)	2.13	2.36	2.67	2.62
Percentage Change	-9.94%		+1.95%	

N.B. The reported intensity metrics have been rounded to two decimal places. Any year-on-year comparison calculations have been conducted using complete unrounded figures.

Annual Reporting Figures: Consumption & Location-Based Emissions

Table 4: South Hampshire College Group Total UK Energy Consumption (kWh).

Utility and Scope	FY2025 Consumption (kWh)	FY2024 Consumption (kWh)*
Scope 1 Total	5,901,081	4,824,955
Natural gas and Other Fuels (Scope 1)	5,823,727	4,766,129
Transportation (Scope 1)	77,354	58,827
Scope 2 Total	3,326,831	3,517,271
Grid-Supplied Electricity (Scope 2)	3,326,831	3,517,271
Scope 3 Total	71,737	126,090
Transportation (Scope 3)	71,737	126,090
Total	9,299,649	8,468,316

Table 5: South Hampshire College Group Total UK Location-based Emissions (tCO₂e).

Utility and Scope	FY2025 Emissions tCO ₂ e	FY2024 Emissions tCO ₂ e*
Scope 1 Total	1,084.88	886.28
Natural gas and Other Fuels (Scope 1)	1,066.36	873.17
Transportation (Scope 1)	18.52	13.11
Scope 2 Total	588.85	728.25
Grid-Supplied Electricity (Scope 2)	588.85	728.25
Scope 3 Total	15.97	28.10
Transportation (Scope 3)	15.97	28.10
Total	1,689.70	1,642.64

*FY2024 Natural Gas and Electricity figures have been restated. Please see the appendix for further details.

Voluntary Dual-Reporting

SHCG dual-report on location-based and market-based emissions factors. Market-based emissions demonstrate the carbon reduction achieved by renewable electricity procurement. Market-based emissions are reported in tCO₂ only and reflect the specific emissions associated with a supplier-specific and residual fuel mix. Refer to the appendix for market-based methodology. Total market-based emissions are reported in Table 6.

Table 6: South Hampshire College Group Total UK Location and Market-based Emissions.

Utility and Scope	FY2025 Emissions		FY2024 Emissions*	
	Location-based tCO ₂ e	Market-based tCO ₂ e	Location-based tCO ₂ e	Market-based tCO ₂ e
Scope 1 Total	1,084.88	1,084.88	886.28	886.28
Natural gas and Other Fuels (Scope 1)	1,066.36	1,066.36	873.17	873.17
Transportation (Scope 1)	18.52	18.52	13.11	13.11
Scope 2 Total	588.85	1,022.50	728.25	909.07
Grid-Supplied Electricity (Scope 2)	588.85	1,022.50	728.25	909.07
Scope 3 Total	15.97	15.97	28.10	28.10
Transportation (Scope 3)	15.97	15.97	28.10	28.10
Total	1,689.70	2,123.34	1,642.64	1,823.46

NB: Grid-Supplied Electricity (Scope 2) are captured and reported in tCO₂ only, due to the market-based methodology. Please see the appendix for further details.

*FY2024 Natural Gas and Electricity figures have been restated. Please see the appendix for further details.

Year-on-Year Changes

Natural gas and other fuel emissions have increased by 22.12%, in FY2025. This increase reflects a combination of operational and data-related factors. Student and staff numbers increased during the year, resulting in higher heating and energy demand across campuses. Major construction and refurbishment works were also carried out during periods that are typically quieter, contributing to higher energy usage. Additionally, at Eastleigh Campus, a gas meter had not returned readings for an extended period, resulting in a retrospective bill once readings resumed.

Electricity emissions decreased by 19.14% in FY2025. This reduction is largely due to the continued decarbonisation of the UK electricity grid and SHCG's energy efficiency measures. SHCG has encouraged online meetings and greater awareness of energy use across sites, helping to reduce demand.

Transport emissions reduced by 16.32%, in FY2025. This improvement reflects SHCG's continued promotion of virtual meetings to minimise staff travel and the shift to electric-fueled alternatives for smaller machinery and equipment. These measures have collectively reduced fuel use and associated emissions across SHCG's fleet and grey fleet activities.

Energy Efficiency Narrative

SHCG is committed to year-on-year improvements in its operational energy efficiency. A register of energy efficiency measures has been compiled, with a view to implementing these measures in the next five years.

Measures Undertaken In FY2025

LED Lighting Retrofit

All SHCG merger projects have included the replacement of traditional halogen lighting with energy-efficient LED systems across the estate. This measure has significantly improved lighting efficiency, reduced electricity consumption, and contributed to lower greenhouse gas emissions.

Demolition of Energy-Inefficient Sites

Two of the least energy-efficient sites, Hamwic (SC) and E Block (EC) have been demolished. The removal of these outdated facilities supports SHCG's long-term strategy to reduce operational emissions and create a more sustainable estate portfolio.

Roof Replacement

Energy-efficient roof systems have been installed to enhance insulation and overall building performance. The new roofing incorporates reflective materials to minimise heat loss, improve temperature regulation, and reduce the need for mechanical heating and cooling.

Air Source Heat Pumps

SHCG has replaced traditional gas heating systems with modern electric air source heat pumps. This upgrade delivers a more sustainable and efficient heating solution, reducing reliance on fossil fuels and cutting emissions across the estate.

Measures To Be Addressed In FY2026

Double Glazing and Façade Upgrade

Replacement double glazing and façade upgrades are planned for A and C Blocks at Eastleigh College. These works will significantly enhance the thermal performance of the buildings by reducing heat loss and improving insulation. The upgrades will also modernise the external appearance of the estate while supporting SHCG's ongoing commitment to energy efficiency and sustainability.

A Block – Roof Replacement

A new, energy-efficient roof will be installed on A Block at Fareham College. The upgraded roofing system will include enhanced insulation and reflective materials designed to minimise heat loss, improve thermal performance, and reduce overall energy consumption. This measure supports SHCG's continued efforts to modernise its estate and advance toward greater environmental sustainability.

C Block Solar Installation

Solar Photovoltaic (PV) panels will be installed on the roof of C Block at Fareham College. The installation will generate renewable electricity on-site, reducing reliance on grid energy and lowering carbon emissions. This initiative forms part of SHCG's broader strategy to expand the use of renewable technologies and support the transition toward a low-carbon estate.

Appendix

Compliance Responsibility

This report has been prepared by the ESG division of Inspired PLC for South Hampshire College Group by means of interpreting the Companies (Directors' Report) and Limited Liability Partnerships (Energy and Carbon Report) Regulations 2018 as they apply to information supplied by South Hampshire College Group and its energy suppliers.

South Hampshire College Group's registered CEO and CFO are responsible for complying with the Regulations. They must be satisfied that, to the best of their knowledge, all relevant information concerning South Hampshire College Group's organisation structure, properties, activities and energy supplies has been provided to Inspired PLC.

This includes details of any complex ownership structures (for example, private equity funds, franchises for private finance initiatives) and electricity/gas usage that is covered by the EU Emissions Trading Scheme (ETS) or Climate Change Agreements (CCA) scheme generated on-site (including Combined Heat and Power (CHP)) or supplied to/from a third party (i.e. not a licenced energy supplier or a landlord/tenant).

Reporting Methodology

This report (including the Scope 1, 2 and 3 kWh consumption and CO₂e emissions data) has been developed and calculated using the *GHG Protocol – A Corporate Accounting and Reporting Standard* (World Resources Institute and World Business Council for Sustainable Development, 2004); *Greenhouse Gas Protocol – Scope 2 Guidance* (World Resources Institute, 2015); *ISO 14064-1* and *ISO 14064-2* (ISO, 2018; ISO, 2019); *Environmental Reporting Guidelines: Including Streamlined Energy and Carbon Reporting Guidance* (HM Government, 2019).

Government Emissions Factor Database 2025 version 1.0 has been used, utilising the published kWh gross Calorific Value (CV) and kgCO₂e emissions factors relevant for the reporting period 1st August 2024 – 31st July 2025

All consumption data for South Hampshire College Group was complete for the reporting period. Therefore, no estimations were required.

FY2024 Natural Gas and Electricity consumption and emissions have been restated to reflect changes in the site list, exclusions applied during data review, and updated supplier invoices.

Market-based Scope 2 emissions for grid-supplied electricity have been calculated using a supplier-specific emissions factor for EDF Energy (0.000233 tCO₂/kWh) and the UK residual mix factor (0.0004166 tCO₂/kWh). These factors have been applied to electricity supplied to South Hampshire College Group for the reporting period from August 2024 to July 2025.

South Hampshire College Group has been unable to access data on self-generated electricity consumption. South Hampshire College Group does not currently export electricity, so this omission does not affect reported emissions. Access to consumption data and potential energy export opportunities are being explored for the next financial year.

Intensity metrics have been calculated using total tCO₂e figures and the selected performance indicator agreed with South Hampshire College Group for the relevant report period:

Staff Numbers **FY2025** (FY2024)

795(696)

Glossary

Scope 1: Emissions associated with gas usage, other fuels and transportation fuels (under the company's control).

Scope 2: Emissions associated with the consumption of purchased electricity are presented on both a location-based (using country average electricity emission factors) and market-based (considering any purchased renewable generated electricity) approach.

Scope 3: Company's value chain emissions, divided into 15 categories, as established by the Greenhouse Gas Protocol Corporate Value Chain (Scope 3) Accounting & Reporting Standard. Under SECR this is limited to emissions resulting from sources not directly owned by the company. For example, grey fleet business travel undertaken in employee-owned vehicles only.

Location-based emissions: Methodology to calculate Scope 1 and 2 emissions using the average grid emissions factor of a region.

Market-based emissions: Methodology to calculate Scope 1 and 2 emissions using emissions factors specific to the contractual instruments in place.

tCO₂: Tonnes of carbon dioxide gas released into the atmosphere. This metric is often used when reporting electricity market-based emissions factors.

tCO₂e: Greenhouse gases have different global warming potentials and are converted to a carbon dioxide equivalent to ease comparison and reporting.

Quality Review

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