


Weston College		Annual SECR Disclosure				Academic Year: 2023-2024
Base Year for Emissions Disclosure		2021 – 2022				
Reporting Organisation		Weston College				
Person Responsible		Darran George				
Academic Reporting Year		2022 – 2023				
Type of Reporting Organisation		College Corporation				
Methodology Used		GHG Protocol Corporate Standards and SECR Guidelines for College Corporations.				
Emissions Factors Used		UK Government GHG Conversion Factors for Company Set				
Included Scope 3 Emissions		N/a				
Scope 2 Emissions		Location Based Power				
Exclusions		None				
Base Year Scope 1 Emissions	Fuel Source	Volume	Unit	TCO ₂ e	Emissions Change v Base Year	
Heating	Natural Gas	3,309,322.59	kWh	608.49	0	
	Diesel	1,144,551.45	kWh	210.45	0	
Transport	Diesel	-	kWh	-	0	
Fugitive Emissions	N/a	-	-	-	-	
Sub Total (Scope 1)				818.94	N/a	
Base Year Scope 2 Emissions	Fuel Source	Volume	Unit	TCO ₂ e	Emissions Change v Base Year	
Location Based Power	Electricity	2,542,450.15	kWh	592.75	0	
Self Gen. Renew. Power	N/a	-	-	-	-	
Sub Total (Scope 2)				592.75	N/a	
Base Year Scope 3 Emissions	Fuel Source	Volume	Unit	TCO ₂ e	Emissions Change v Base Year	
Not reported	-	-	-	-	0	
Gross TCO₂e (Pre offset)				1,411.69	N/a	
Offsets						
None	-	-	-	-	-	
Net TCO₂e				1,411.69	N/a	
Energy Intensity Ratios (S1 and S2)	Quantity	kWh's / Unit	TCO ₂ e / Unit		Emissions Change v Base Year	
Floor Area	32,974	198.68	0.04		0	
Staff FTE	477	12,267.87	2.56		0	
Student FTE	2,629	2,225.85	0.47		0	
Number of Staff	698	8,383.63	1.76		0	
Transport Intensity Ratios (S1 and S2)	Quantity	kWh's / Unit	TCO ₂ e / Unit		Emissions Change v Base Year	
Miles	-	-	-		N/a	
Per Vehicle	-	-	-		N/a	
Report Year Scope 1 Emissions	Fuel Source	Volume	Unit	TCO ₂ e	Emissions Change v Base Year	
Heating	Natural Gas	2,835,599.21	kWh	521.38	-87.11	
	Diesel	1,005,708.06	kWh	184.92	-25.53	
Transport	Diesel	-	kWh	-		
Fugitive Emissions	N/a	-	-	-	-	
Sub Total (Scope 1)				706.30	-112.64	

Report Year Scope 2 Emissions	Fuel Source	Volume	Unit	TCO ₂ e	Emissions Change v Base Year
Location Based Power	Electricity	2,403,529.26	kWh	560.36	-32.39
Self Gen. Renew. Power	N/a	-	-	-	-
Sub Total (Scope 2)				560.36	-32.39
Report Year Scope 3 Emissions	Fuel Source	Volume	Unit	TCO ₂ e	Emissions Change v Base Year
Not reported					N/a
Gross TCO₂e (Pre offset)				1,266.66	-145.03
Offsets					
None	-	-	-	-	-
Net TCO₂e				1,266.66	-145.03
Energy Intensity Ratios (S1 and S2)	Quantity	kWh's / Unit	TCO ₂ e / Unit	Emissions Change v Base Year	
Floor Area	32,974	177.47	0.04	0	
Staff FTE	497	12,930.10	2.92	0.36	
Student FTE	2,737	2,347.92	0.53	0.06	
Number of Staff	726	8,851.60	2.00	0.24	
Transport Intensity Ratios (S1 and S2)	Quantity	kWh's / Unit	TCO ₂ e / Unit	Emissions Change v Base Year	
Miles	-	-	-	N/a	
Per Vehicle	-	-	-	N/a	
Context					
<p>Weston College is an Ofsted outstanding college of further and higher education in Weston-super-Mare. The College has three main campuses: Knightstone Campus, Loxton Campus, and South West Skills Campus. In addition to the main campuses there are a number of satellite centres, with ten buildings in total within scope for SECR reporting of GHG/carbon emissions.</p> <p>The College's primary function is to provide education and vocational training to around 30,000 learners across our sites and is regarded as one of the top FE colleges in the UK.</p> <p>The teaching and learning provision at Weston College covers a broad range of further and higher education courses, apprenticeships from intermediate to degree-level and education in prisons across the South West.</p> <p>The scope of the Weston College Group's carbon footprint includes the energy used in our buildings and the fuel used in our fleet vehicles. The emissions are calculated within the SECR reporting tool jointly created by the EAUC and Hillside Environmental Services and thus using the relevant UK Government GHG conversion factors alongside the 'The greenhouse gas protocol carbon accounting standard and methodology (revised edition)', administered by the World Business Council for Sustainable Development (ISBN: 1-56973-568-9).</p>					

For the 2020/21 reporting cycle the College took the decision, for improved accuracy and completeness, to recalculate its baseline year to 2020/21. This decision was primarily due to the significant skewing of energy use at our buildings during the pandemic whereby College sites were closed for significant periods of time. However, it is important to note that the impact of the pandemic continued for some period of the 2020/21 academic year resulting in the continued skewing of data.

To address the accuracy issues in comparing data over multiple years the baseline is set at the 2021/22 year. The impact of the pandemic on the use of our buildings throughout 2021/22 was minimal and therefore would provide a far more consistent and useable baseline to measure our progress in carbon reduction moving forwards.

The Weston College Group Sustainability and Social Action Framework

Measures taken to reduce emissions/improve energy efficiency

“In England, both the Government (COP26) and the Association of Colleges (AoC) have identified ‘climate change’ as one of the biggest challenges of our time. Colleges, like all organisations have a responsibility to address this and to meet the UK government’s target to reach net-zero emissions by 2050.

At the same time, our staff and students are also passionate advocates of making a difference to their communities and therefore, we must embed a green, lean and socially responsible approach, in order to sustain the world’s resources, reduce environmental impact and create the vibrant, positive and fairer communities of tomorrow.

This is in line with the Government’s ambition for Net Zero ‘Building Back Greener’, the global vision behind the UN’s Global Sustainable Development Goals, the AoC’s ‘Green College Commitment’, and the Department for Education’s Sustainability and Climate Change Strategy.”

(Sustainability and Social Action Framework, 2023)

The full array of measures taken by the Weston College Group to become a more sustainable organisation and reduce GHG emissions can be found within our Sustainability and Social Action Framework accessed via the following link:

<https://www.weston.ac.uk/Sustainability-And-Social-Action>

Data reporting caveats:

- Baseline data has had some refinements since being published to reflect greater accuracy whereby actual data replaced areas where estimations were used.
- Scope 3 – Company car data (diesel usage for lease vehicles) is not included in the 2023/24 report. Company car usage is currently being phased out following public sector reclassification and therefore will not be a reliable benchmark moving forwards.

Total Net TCO_{2e} shows a decrease from 1411.69 (2021/22) to 1266.66 (2022/23).

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

