PlanetMark

Business Certification

Anglo Educational Services/ Residence Apartments

YEAR 2

01 January 2024 to 31 December 2024

Measure

Engage

Communicate

Executive Summary

Current Planet Mark Certification

This reporting period captures the 2nd year that Anglo Educational Services has achieved Planet Mark Business Certification. To retain certification for the next reporting period Anglo Educational Services is required to measure and reduce emissions while working to improve data quality.

This certification has been awarded to Anglo Educational Services for reducing measured Scope 1 and 2 emissions (market-based) by a 21.1% absolute reduction and a 23.6% per employee reduction in market based compared to the previous year.

Reporting year:
01 January 2024 to 31 December 2024

Reporting Boundary:
14 UK Sites

Highlights (market-based):

Measured footprint (tCO_2e):	902.3
Per employee (tCO_2e):	11.4
Data quality (Scope 1 & 2):	20 out of 20
Data quality (Scope 3):	15 out of 20

Measured emissions:
Scope 1: Fleet, Natural Gas
Scope 2: Electricity, Electric Fleet
Scope 3:
Cat. 1: Purchased Goods & Services (partial measurement)
Cat. 3: Fuel & energy related activities (partial measurement)
Cat. 5: Waste
Cat. 6: Business travel
Cat. 7: Employee Commuting (partial measurement)
Cat. 8: Upstream Leased Assets

Next Steps: working towards a complete carbon footprint

Planet Mark Business Certification is the best first step towards the ultimate goal of reaching net zero. This certification helps organisations start their measurement journey by measuring emission sources under organisational control, however, to progress on the journey to net zero, all Members will need to understand and report against their full emissions boundary.

Scope 3 emissions currently account for 47.6% of the Anglo Educational Services' measured carbon footprint. It is important to note that, once all material categories are included, Scope 3 emissions can account for 60-70% of a company's total footprint but can, on occasions, make up to 99%.

In our experience a company in your sector normally needs to report the following Scope 3 categories in addition to those already included within your reporting boundary:

- Cat. 1: Purchased Goods & Services
- Cat. 2: Capital Goods
- Cat. 4: Upstream transportation & distribution
- Cat. 7: Employee Commuting

The inclusion of all material Scope 3 emissions is highly recommended within three years of achieving your first year of certification, but this is not a requirement for recertifying until 2030. To understand which emissions sources are material to your organisation and should be added to your measurement boundary before 2030 please get in touch with certification@planetmark.com, who will map your business operations against the 15 categories of Scope 3.

Notes and exclusions

Business travel includes both Academic and Staff-related travel.

The previous reporting period has been restated to change 7 sites from leased assets to assets with operational control.

The previous years' electricity for Ability Towers has been adjusted to reflect more accurate meter readings. The previous years' Natural Gas consumption at the Allie Street site has been restated to reflect more accurate meter readings. All of the previous years' leased asset electricity emissions have been restated to include T&D losses.

Updates to Planet Mark Business Certification

To ensure that Planet Mark Business Certification is the best first step towards the ultimate goal of reaching net zero, we have made the following improvements to our Certification:

- Members are now required to make an annual 5% reduction in Scope 1 & 2 emissions to recertify (from year 3 onwards). As part of Business Certification, we will continue to measure 'core' Scope 3 emissions sources, but Members will not certify on reductions to core Scope 3 emissions.
- By 2030, Members must identify all material emission sources and measure a full inventory carbon footprint (Scope 1, 2 and extended Scope 3 emissions). Measuring a full organisational boundary is essential to progress on the journey to net zero.
- As per the GHG Protocol is it important to report carbon emissions using both a location-based and market-based methodology, and we will continue to summarise accordingly. We have previously adopted the location-based methodology as the principle display mechanism, however, moving forwards we will switch to showing the market-based methodology as our default. We have done this to ensure that as Members switch to renewable energy contracts, the associated reductions are clearly evidenced.
- Scope 3 data collection is typically found to be more challenging than Scope 1 and 2, therefore, to help understand and develop your measurement journey Members will now receive two separate data quality scores when they achieve Certification: one for Scope 1 & 2 emissions and one for Scope 3 emissions.

Measured carbon EMISSIONS Market BASED

902.3
tCO_2e measured emissions

Measured emissions equivalent to
528 flights from London to New York

11.4
tCO_2e per employee

Buildings

470.8 tCO_2e

Used enough electricity to power **199** UK homes for one year

Travel

123.6 tCO_2e

Travelled **25** times around the world

Waste

0.8 tCO_2e

Produced waste that weighs the same as **10** London buses

Water

11.9 tCO_2e

1,968 litres per employee per day

Procurement

0.4 tCO_2e

323 sheets of paper used per day

Homeworking

20.6 tCO_2e

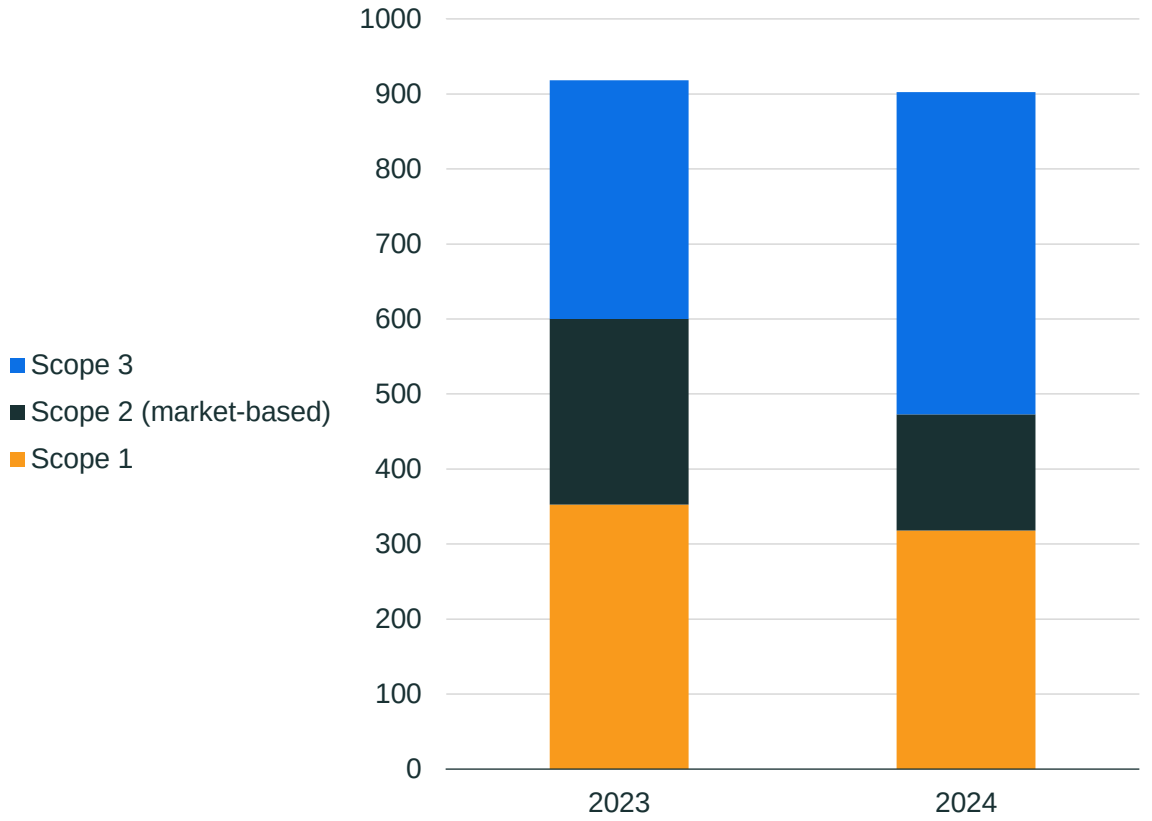
Used enough energy to power **7** UK homes for one year

Measured carbon footprint By Scope.

Market BASED

Scope	2023	2024
Scope 1	352.6	318.2
Scope 2 (market-based)	247.2	154.9
Scope 3	318.5	429.3
Total (market-based)	**918.3**	**902.3**

Measured carbon emissions by scope for year ending 2024, tCO_2e



All rows and tables are rounded to one decimal place. This may lead to slight discrepancies in totals within the report.

Step one.

MEASURE

Measured carbon footprint.

Market *BASED*

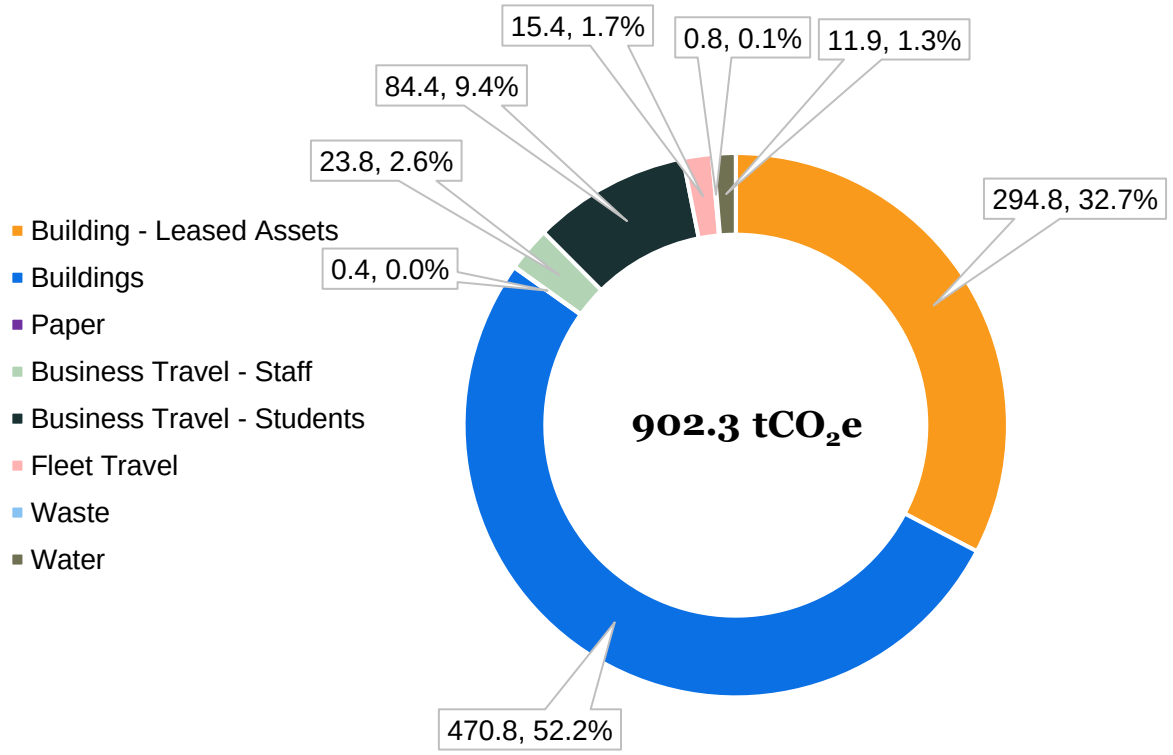
Reporting year:
01 January 2024 to 31 December 2024

Reporting Boundary:
14 UK Sites

Emissions measured:
District Heat and Steam, Electricity, Natural Gas, Transmission and Distribution Losses, Business Travel, Fleet Travel, Upstream Leased Assets, Homeworking (not included in total footprint), Paper, Waste, Water

Highlights:
Carbon footprint (tCO_2e): **902.3**
Per employee (tCO_2e): **11.4**
Next reduction target: **5%**
Data quality score Scope 1 & 2: **20 out of 20**
Data quality score Scope 3: **15 out of 20**

Carbon footprint by emission source for year ending 2024, tCO_2e



Note: Your carbon footprint is reported two ways; one is using the location based method of calculating Scope 2 electricity emissions and the other the market based method. A location-based method reflects the average emissions intensity of grids on which energy consumption occurs (using mostly grid-average emission factor data). A market-based method reflects emissions from electricity that companies have purposefully chosen (or their lack of choice).

Measured carbon footprint.
Location BASED

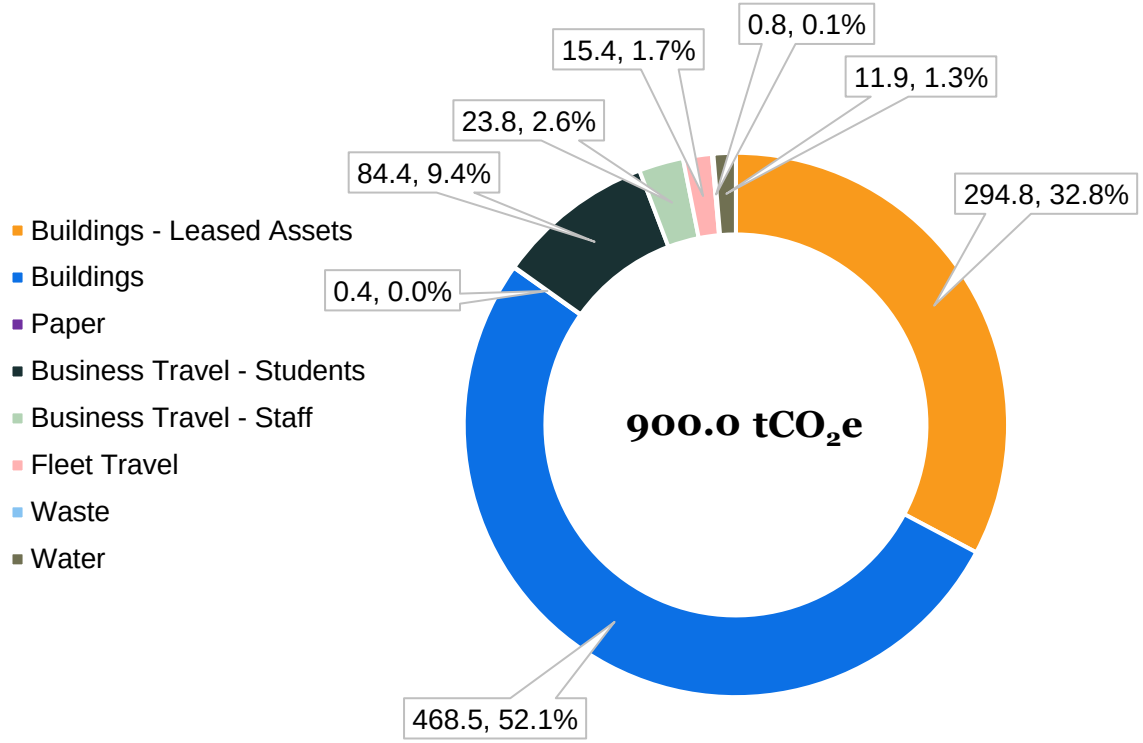
Reporting year:
01 January 2024 to 31 December 2024

Reporting Boundary:
14 UK Sites

Emissions measured:
District Heat and Steam, Electricity, Natural Gas, Transmission and Distribution Losses, Business Travel, Fleet Travel, Upstream Leased Assets Homeworking (not included in total footprint), Paper, Waste, Water

Highlights:
Carbon footprint (tCO_2e): **900.0**
Per employee (tCO_2e): **11.4**
Next reduction target: **5%**
Data quality score Scope 1 & 2: **20 out of 20**
Data quality score Scope 3: **15 out of 20**

Carbon footprint by emission source for year ending 2024, tCO_2e



Note: Your carbon footprint is reported two ways; one is using the location based method of calculating Scope 2 electricity emissions and the other the market based method. A location-based method reflects the average emissions intensity of grids on which energy consumption occurs (using mostly grid-average emission factor data). A market-based method reflects emissions from electricity that companies have purposefully chosen (or their lack of choice).

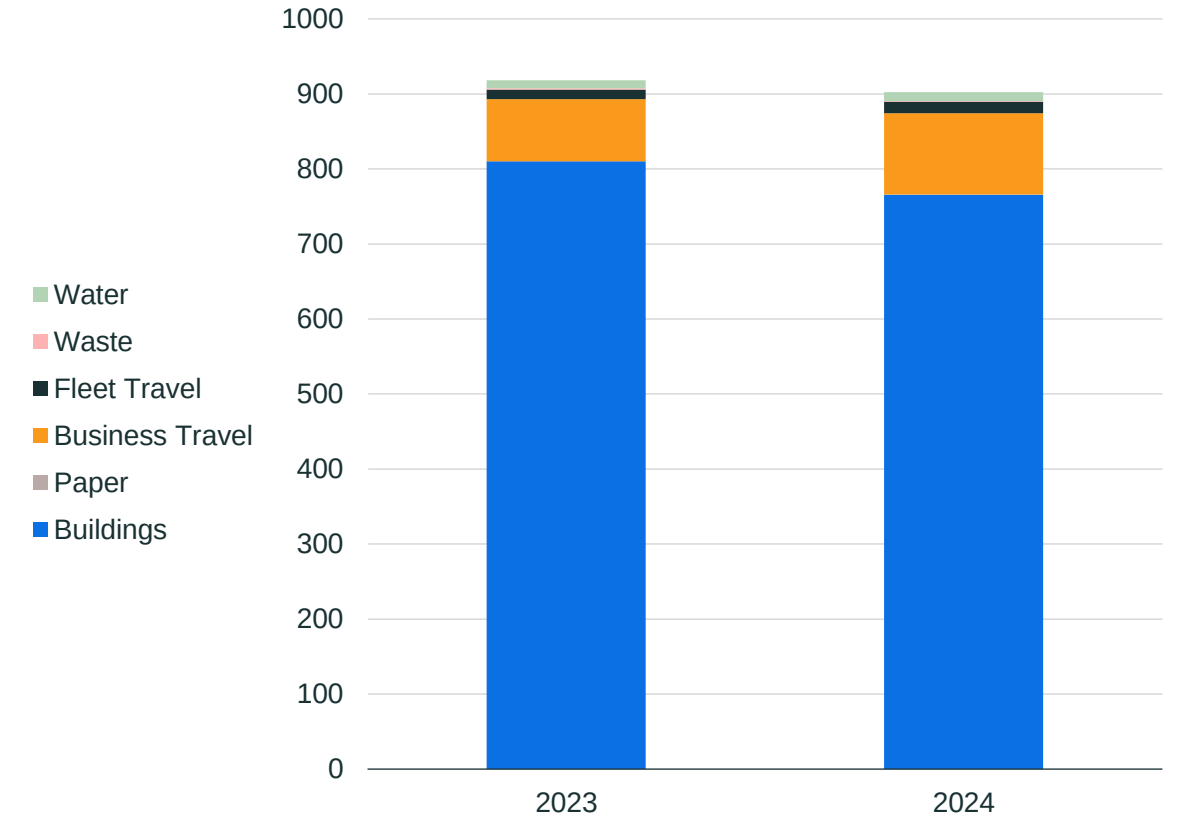
Measured carbon footprint.

Yearly COMPARISON

Year-on-year market-based emissions have decreased by 1.7%.

Source Category	2023	2024
Buildings	810.3	765.6
Paper	0.1	0.4
Business Travel	82.4	108.2
Fleet Travel	13.2	15.4
Waste	1.6	0.8
Water	10.7	11.9
Total (market-based)	**918.3**	**902.3**

Carbon footprint by emission source for year ending 2023 and 2024, tCO_2e



*Buildings include leased assets emissions

All rows and tables are rounded to one decimal place. This may lead to slight discrepancies in totals within the report.

Carbon footprint.

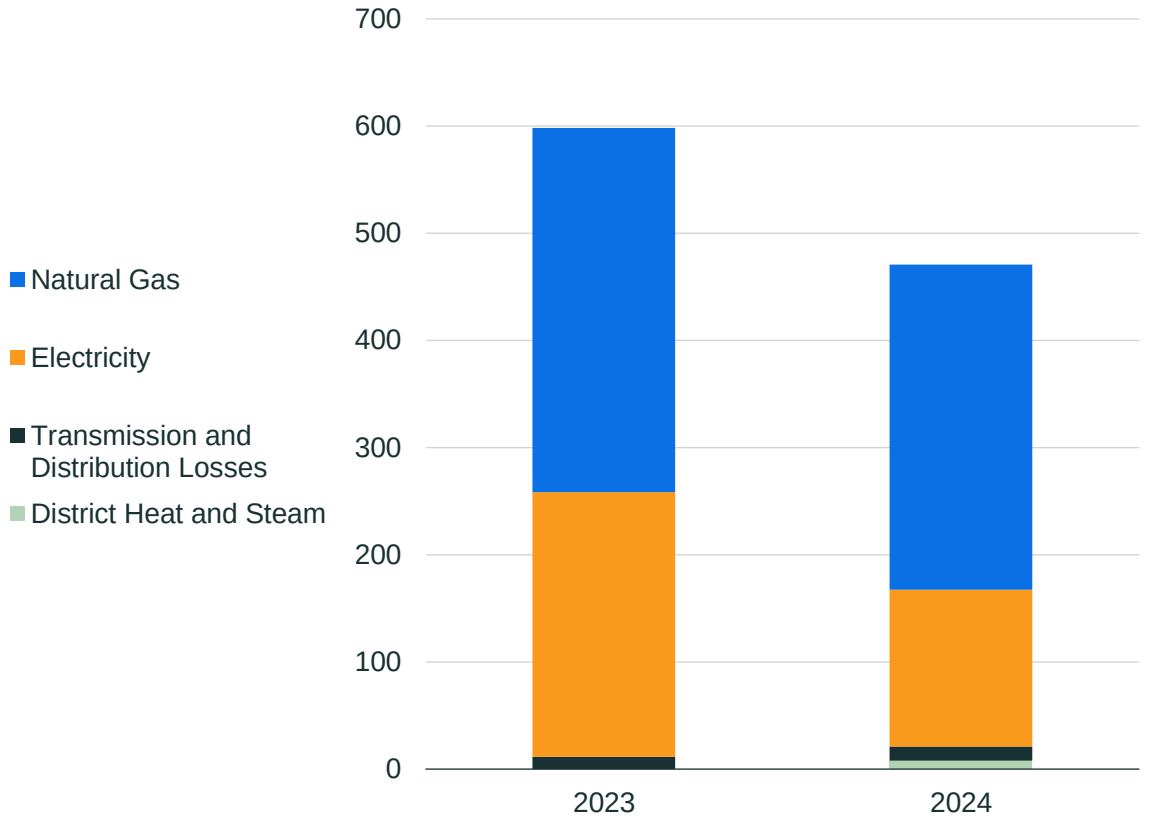
BUILDINGS

Buildings' emissions have decreased by 21.3% year-on-year.

The carbon emissions associated with electricity, natural gas, district heat and steam of the buildings occupied by students' accommodations that are not under full operational control of AES, have been allocated under AES Carbon Footprint Scope 3 - category 8. Therefore, these emissions (294.8 tCO_2e) are not disclosed below.

Buildings	2023	2024
Electricity	247.1	146.5
Natural Gas	339.7	303.3
Transmission and Distribution Losses	11.5	13.2
District Heat and Steam	-	7.9
Total (market-based)	**598.3**	**470.8**

Buildings emissions for year ending 2023 and 2024, tCO_2e



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Carbon footprint.

BUILDINGS

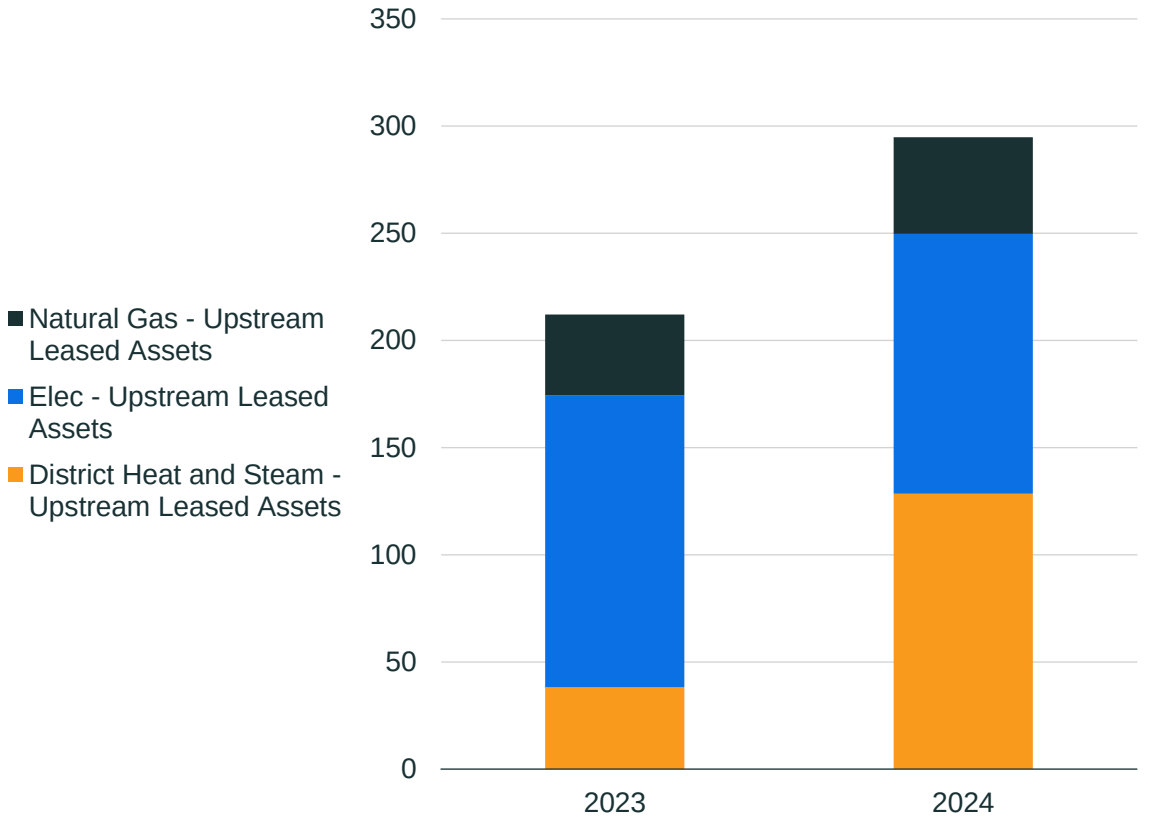
Leased asset buildings' emissions have increased by 39.0% year-on-year. This is largely due to more accurate data for District Heat and Steam and the addition of the Cheshire site.

The carbon emissions associated with electricity, natural gas, district heat and steam of the buildings occupied by students' accommodations that are not under full operational control of AES have been allocated under AES Carbon Footprint Scope 3 - category 8 and are disclosed below.

The transmission and distribution emissions are being accounted for within the electricity emissions.

Buildings	2023	2024
District Heat and Steam - Upstream Leased Assets	38.2	128.4
Elec - Upstream Leased Assets	136.2	121.4
Natural Gas - Upstream Leased Assets	37.6	45.0
Total (market-based)	**212.0**	**294.8**

Buildings emissions for year ending 2023 and 2024, tCO_2e



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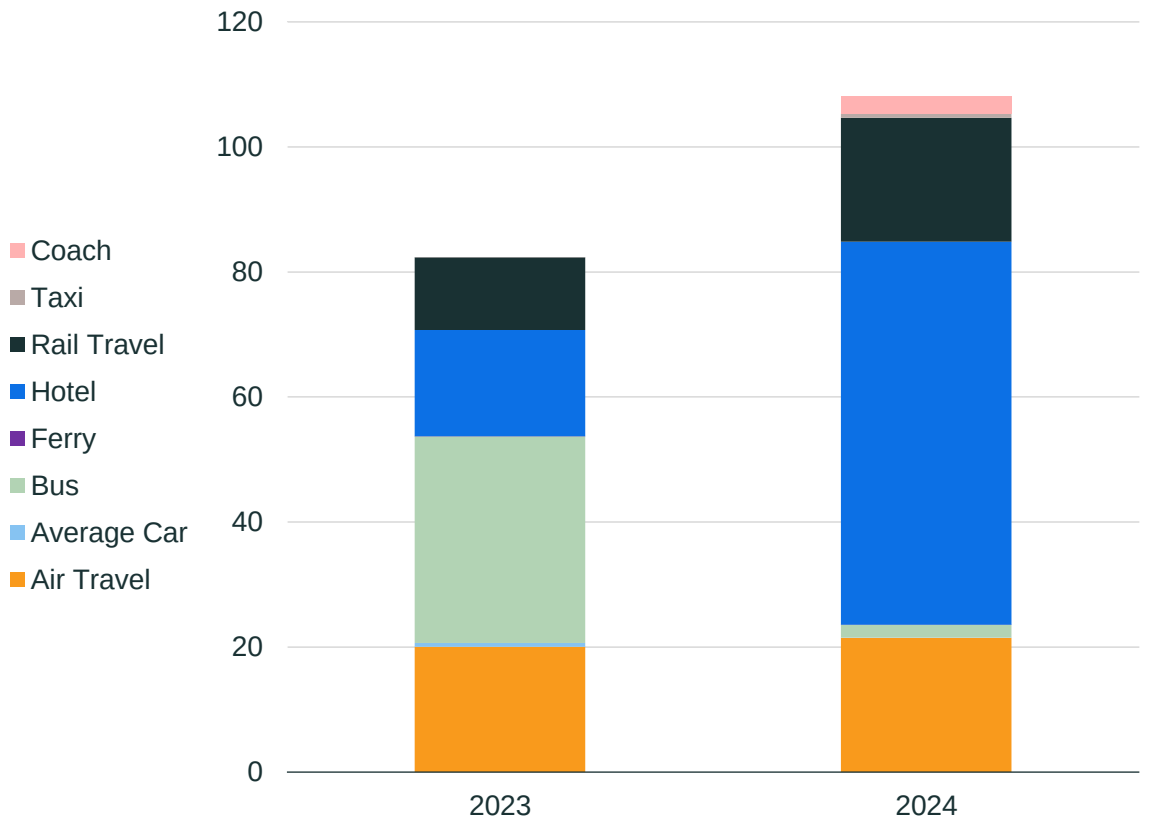
Carbon footprint.
Business TRAVEL

Academic travel represented 78.0% of all business travel in the YE2024, with staff travel accounting for the remaining 22.0%. The table below discloses the combined business travel emissions.

Business Travel	2023	2024
Air Travel	20.0	21.5
Average Car	0.6	0.1
Bus	33.1	2.0
Ferry	0.01	0.003
Hotel	17.0	61.3
Rail Travel	11.6	19.8
Taxi	0.05	0.7
Coach	-	2.8
Total	**82.4**	**108.2**

Business travel emissions for year ending 2023 and 2024, tCO_2e



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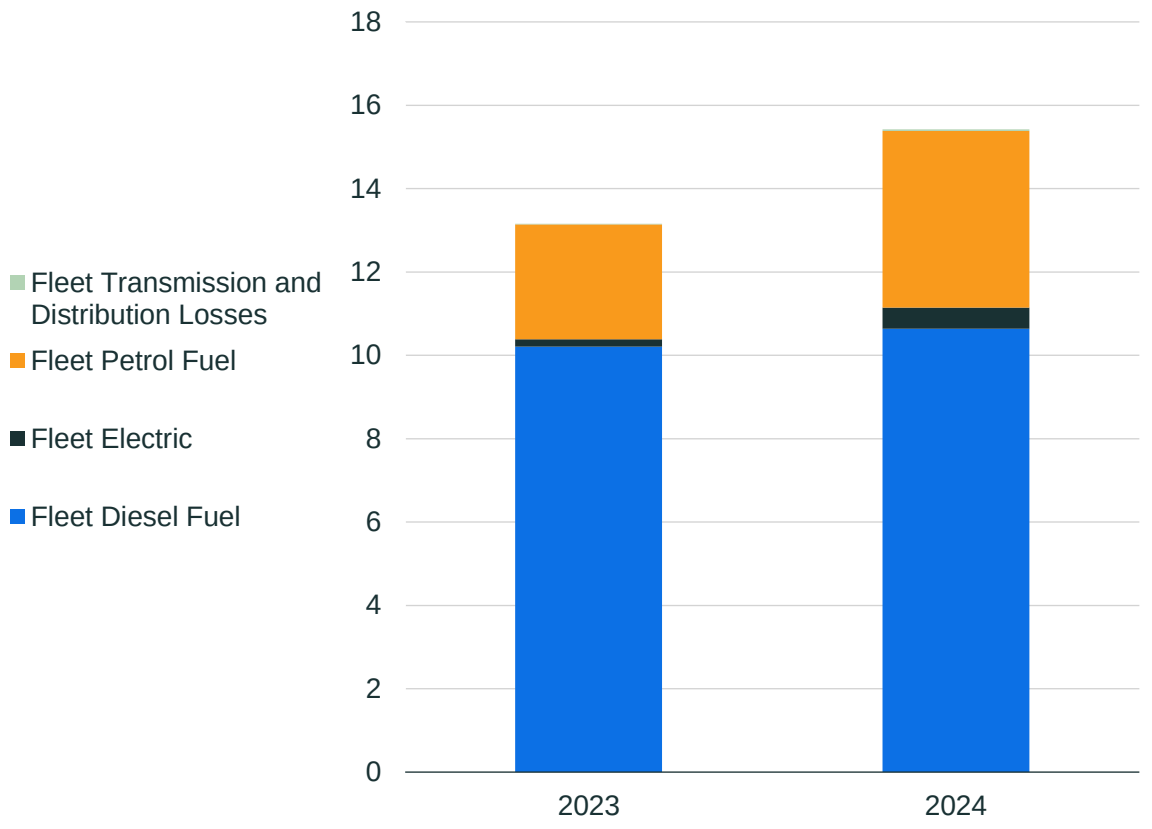
Carbon footprint.

Fleet *TRAVEL*

Fleet travel emissions increased by 17.2% year-on-year.

Fleet Travel	2023	2024
Fleet Diesel Fuel	10.2	10.6
Fleet Electric	0.2	0.5
Fleet Petrol Fuel	2.8	4.2
Fleet Transmission and Distribution Losses	0.02	0.04
Total	**13.2**	**15.4**

Fleet travel emissions for year ending 2023 and 2024, tCO_2e



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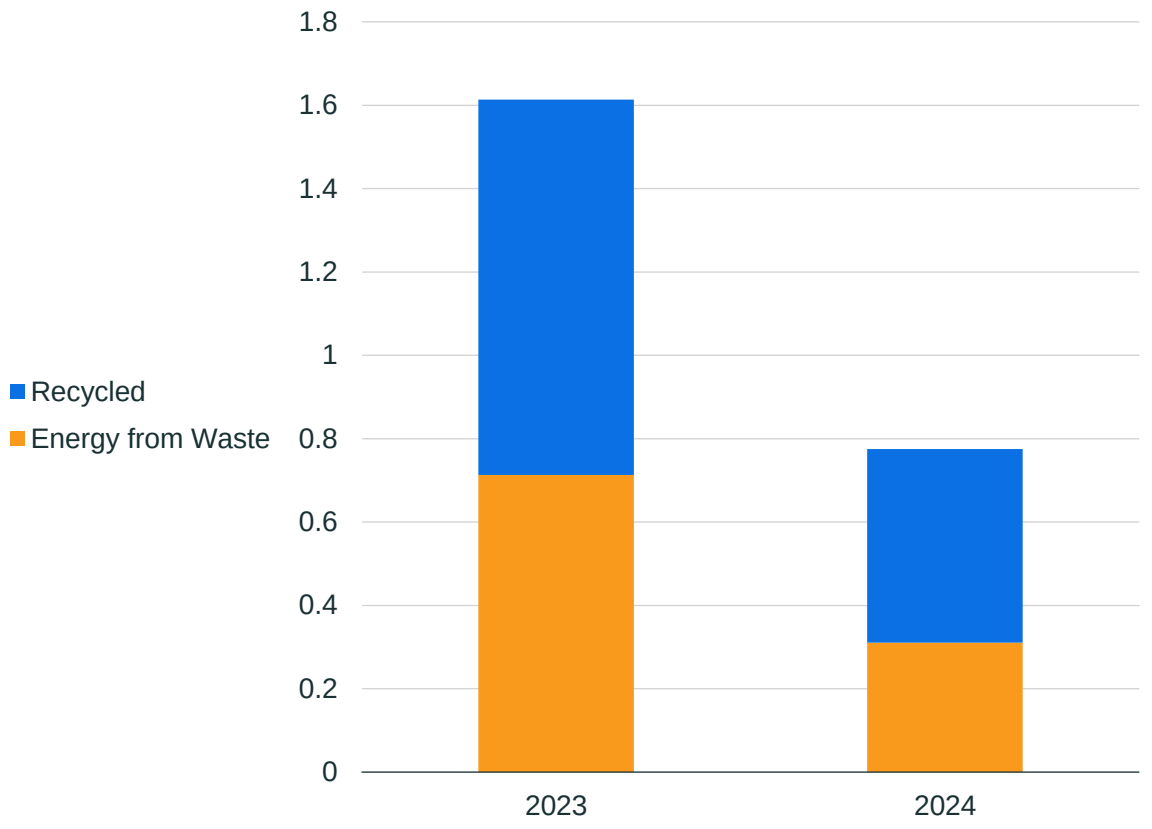
Carbon footprint.

WASTE

Waste emissions decreased by 52.0% year-on-year.

Waste	2023	2024
Energy from Waste	0.7	0.3
Recycled	0.9	0.5
Total	**1.6**	**0.8**

Waste emissions for year ending 2023 and 2024, tCO_2e



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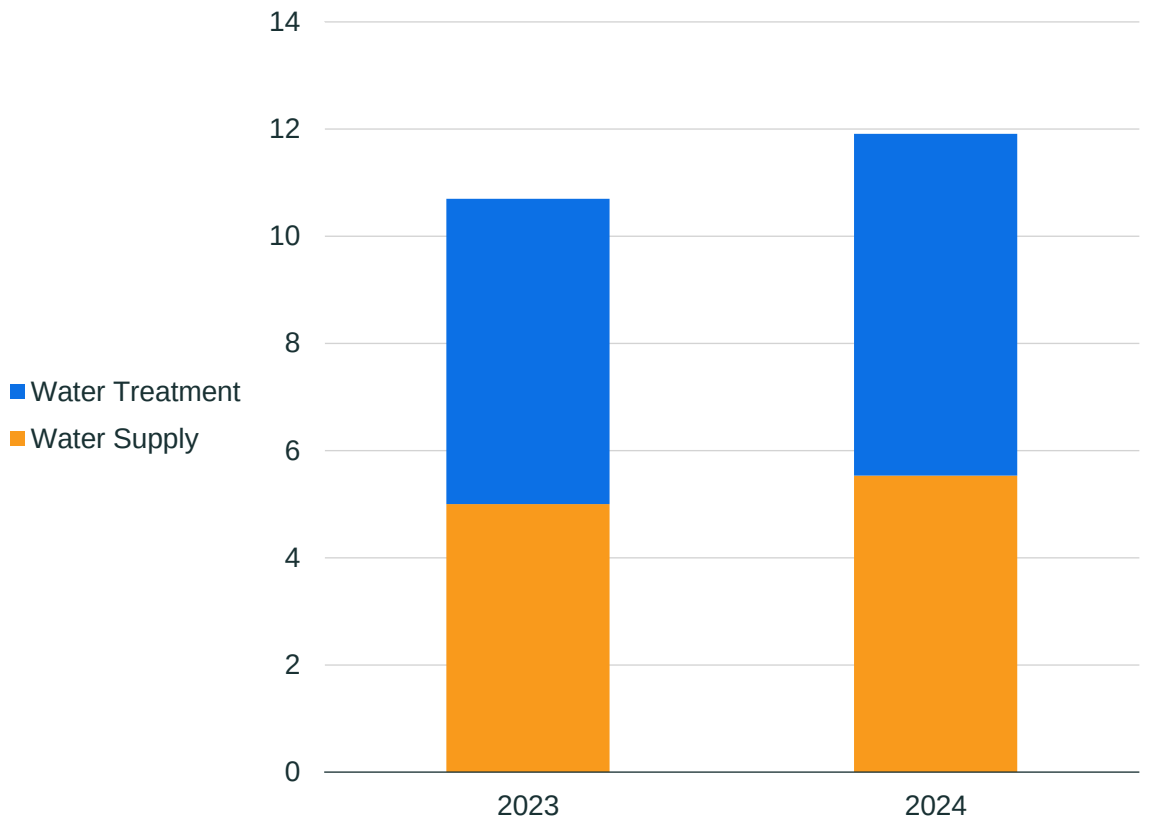
Carbon footprint.

WATER

Water emissions increased by 11.3% year-on-year.

Water	2023	2024
Water Supply	5.0	5.5
Water Treatment	5.7	6.4
Total	**10.7**	**11.9**

Water emissions for year ending 2023 and 2024, tCO_2e



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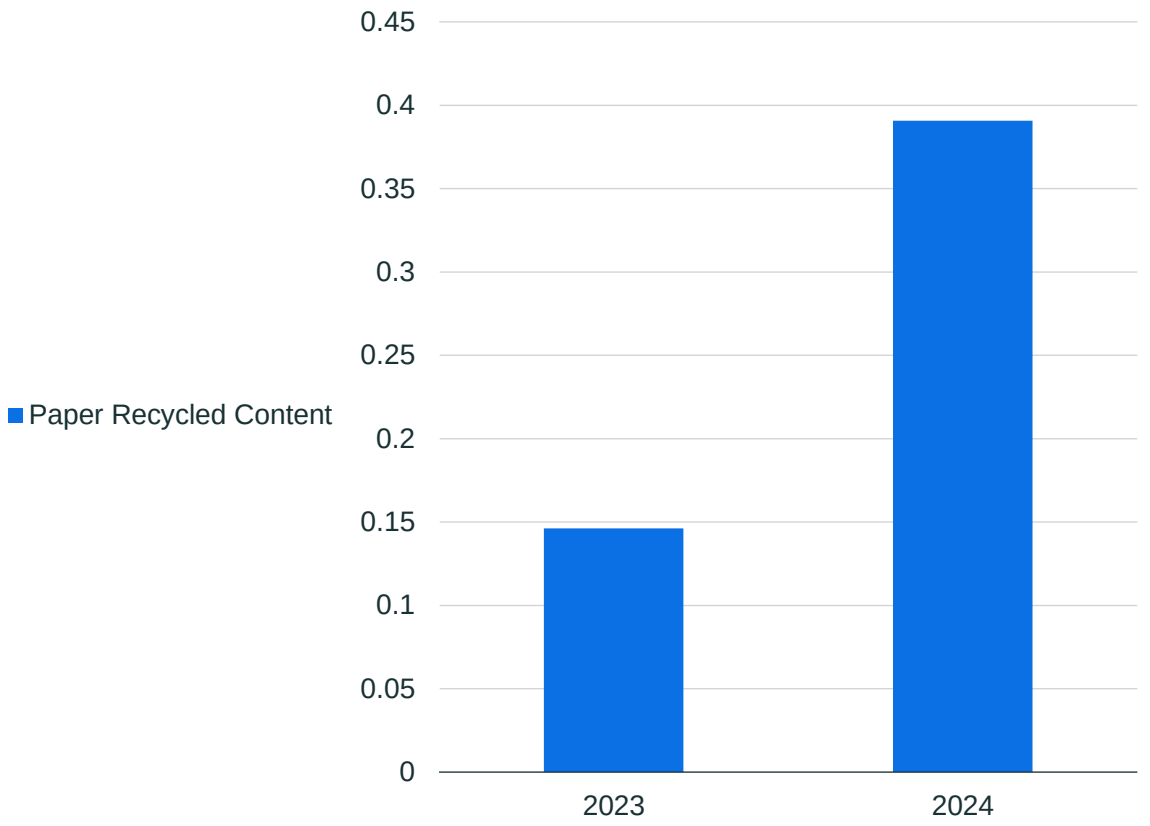
Carbon footprint.

PROCUREMENT

Paper emissions had a significant increase year-on-year. However, paper emissions accounted for only 0.04% of the entire measured footprint for the YE2024.

Paper	2023	2024
Paper Recycled Content	0.1	0.4
Total	**0.1**	**0.4**

Procurement emissions for year ending 2023 and 2024, tCO_2e



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Carbon footprint.

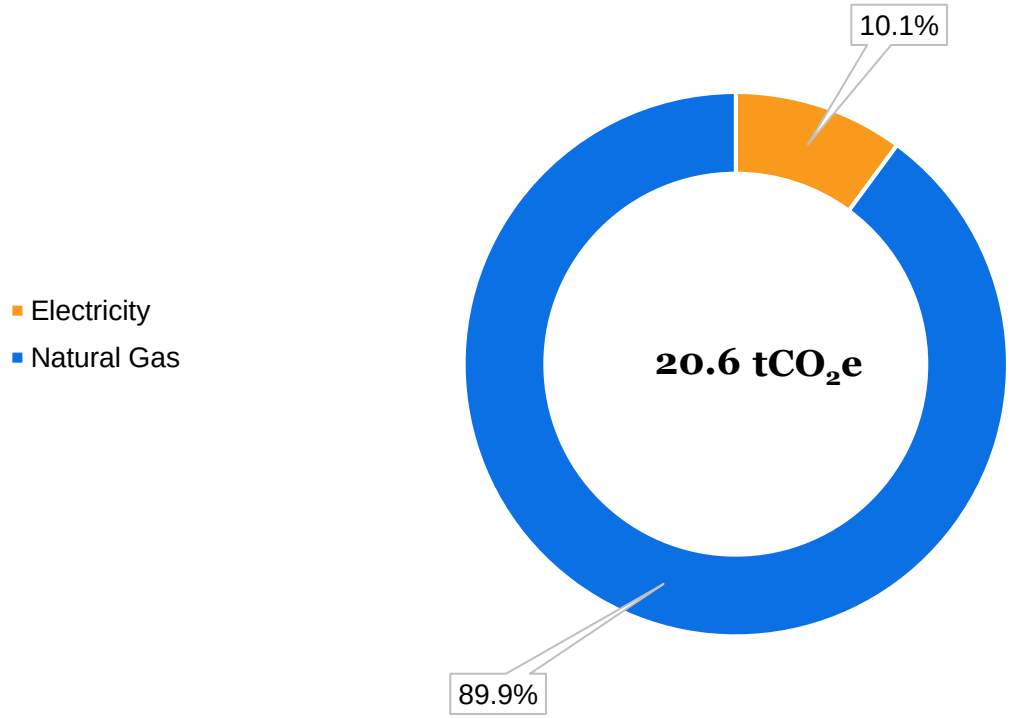
HOME OFFICE

Notes:

- Due to the uncertainties surrounding Home Office emissions, and the fact that commuting emissions have not been calculated as part of your footprint, these figures are provided for information only in order to give an indication of the scale of the impact associated with home office energy consumption. They have not been included in your carbon footprint total.

Homeworking	tCO_2e	%
Electricity	2.1	10.1
Natural Gas	18.5	89.9
Total	**20.6**	**100.0**

Homeworking emissions for year ending 2024, tCO_2e



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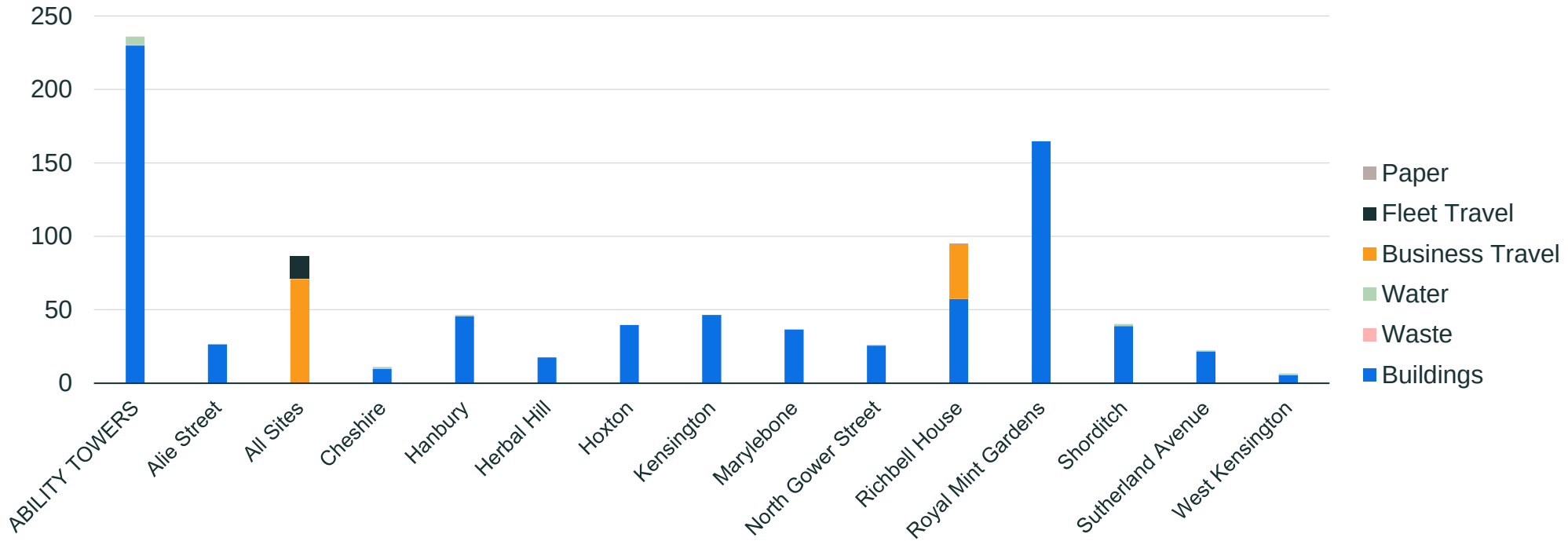
Carbon footprint.

Market BASED

Carbon footprint for each location

tCO_2e



Note:
All Sites includes business travel and fleet travel, since the data submitted was cumulative for the whole business.

Looking ahead.
Targets for next year.

Measured carbon footprint market-based

902.3 tCO_2e

Carbon reduction target (5% in scope 1&2)

23.7 tCO_2e

Carbon reduction per employee (5% in scope 1&2)

0.3 tCO_2e

Social value.

CONTRIBUTION

% turnover
0.6 %

Total Social Value
£ 144,234

Social Value per employee
£ 1,823

Your people
£ 23,275

Community & volunteering
£ 44,142

Donations
£ 4,773

Procurement
N/A

Environmental impacts
£ 72,045

Social Value – Breakdown (i).

Theme	Ref	Measures	Units	Your amount
People	**NT9**	No. of weeks of training opportunities (BTEC, City & Guilds, NVQ, HNC - Level 2,3, or 4+) on the contract that have either been completed during the year, or that will be supported by the organisation until completion in the following years	No. weeks	13
People	**NT20**	No. of employees on the contract that have been provided access for at least 12 months to comprehensive and multidimensional wellbeing programmes	No. employees provided access	79.1
People	**NT21**	Equality, diversity and inclusion training provided both for staff and supply chain staff	No. hrs (total session duration)*no. attendees	87.5
Community & Volunteering	**NT11**	No. of hours of 'support into work' assistance provided to unemployed people through career mentoring, including mock interviews, CV advice, and careers guidance	No. hrs (total session duration)*no. attendees	30
Community & Volunteering	**NT12**	No. of weeks spent on meaningful work placements or pre-employment course; 1-6 weeks student placements (unpaid)	No. weeks	24
Community & Volunteering	**NT17**	Number of voluntary hours donated to support VCSEs (excludes expert business advice)	No. staff volunteering hours	70
Community & Volunteering	**NT51**	Innovative measures to promote and support responsible business to be delivered on the contract - these could be e.g. co-designed with stakeholders or communities, or aiming at delivering benefits while minimising carbon footprint from initiatives, etc.	£ invested - including staff time (volunteering valued at £16.93 per hours, expert time valued at £101.00 per hour) and materials, equipment or other resources	34,664.1

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Social Value – Breakdown (ii).

Theme	Ref	Measures	Units	Your amount
Community & Volunteering	**NT86**	Volunteering time for environmental conservation & sustainable ecosystem management initiatives	No. staff volunteering hours	27
Environmental	**NT31**	Savings in CO2e emissions on contract achieved through de-carbonisation (i.e. a reduction of the carbon intensity of processes and operations, specify how these are to be achieved) against a specific benchmark.	Tonnes CO2e	1
Environmental	**NT32**	Car miles saved on the project as a result of a green transport programme or equivalent (e.g. cycle to work programmes, public transport or car pooling programmes, etc.)	Miles saved	45,720
Environmental	**NT33**	Car miles driven using low or no emission staff vehicles included on project as a result of a green transport programme	Miles driven	13,512.1
Environmental	**NT44**	Commitment to carbon emissions savings to achieve net zero carbon before 2050	Yes, Net zero before or by 2050	Yes

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Social Value – Breakdown (iii).

Theme	Ref	Measures	Units	Your amount
Environmental	**NT53**	Innovative measures to safeguard the environment and respond to the climate emergency to be delivered on the contract - these could be e.g. co-designed with stakeholders or communities, or aiming at delivering benefits while minimising carbon footprint from initiatives, etc.	£ invested - including staff time (volunteering valued at £16.93 per hours, expert time valued at £101.00 per hour) and materials, equipment or other resources	12,264.1
Environmental	**NT83**	Commitment to measure and disclose Scope 1, 2 and 3 carbon emissions	Yes, commitment to measure Scope 1, 2 and 3 emissions	Yes
Environmental	**NT90**	Activities to influence staff, suppliers, customers and communities to support environmental protection and improvement.	No. staff expert hours	170.0
Environmental	**TPM1**	Avoided Commute due to working from home	No. of commuting hours saved in the year	3,640
Environmental	**TPM2**	Acres of rainforest saved from destruction	Acres	19.4
Donations	**NT16**	Equipment or resources donated to VCSEs (£ equivalent value)	£	4,773

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Step two.

ENGAGE

Workshops.

At Planet Mark we believe each day is an opportunity to create change. Our engagement experts will help unlock your employees' passion and help embed sustainability within your organisation.

Our workshops seek to inform, inspire and empower participants to become part of your business' net zero journey.

Book a call with us here to explore how we can help upskill, build confidence and participation among your team and wider stakeholders.

Workshop	Description
Sustainability Plan Workshop	A three-hour session which lifts the lid on operational carbon emissions, supporting a brainstorming session to understand impacts and consider actions that can make a material difference. Participants leave with a one-year Sustainability Plan with SMART targets, roles and responsibilities.
Net Zero Carbon Essentials	A three-hour CPD accredited workshop which introduces the fundamentals of net zero carbon and what it means for a business to embark on a Net Zero journey.
Net Zero Masterclass	Designed for senior leaders and board members, this short workshop covers the Net Zero terminology, legislation and frameworks and presents an opportunity for leaders to discuss the company's net zero journey.
Business Sustainability Essentials	A three-hour CPD accredited workshop covering the basics of business sustainability and the role your employees can adopt in driving change from within.
Supplier Engagement workshop	Invite your suppliers to learn about and get involved with your sustainability journey and net zero ambitions. We facilitate and build content particularly around Scope 3 emissions.

The Eden Project

PARTNERSHIP

At Planet Mark, we recognise that that we need nature to address the greatest challenges of our time.

The Eden Project, an educational charity, connects us with each other and the living world, exploring how we can work towards a better future.

As part of your certification with the Planet Mark, a number of tickets have been assigned to your organisation so you can visit the Eden Project for free – please get in touch to arrange your Eden Project visit and inspire and encourage positive action.

Step three.

COMMUNICATE

Communicating your international influence.

The Sustainable Development Goals (SDGs), also known as the Global Goals, are a collection of 17 interrelated goals set by the United Nations. They cover a broad range of social and economic development issues. These include poverty, hunger, health, education, climate change, gender, equality, water, sanitation, energy.

By measuring and reducing your carbon footprint with the Planet Mark, you can directly and measurably contribute to up to 9 SDGs addressing 14 SDG targets.

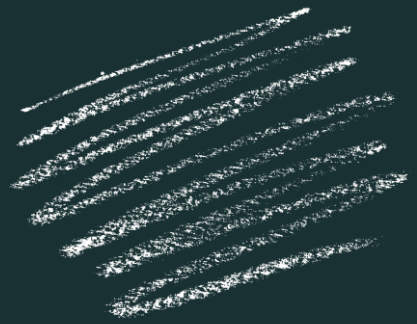
Contributing towards

9 SDGs

SDG alignment.

6 CLEAN WATER AND SANITATION	6.3 - 95% of water treated
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	9.4 - Reduction in energy use
13 CLIMATE ACTION	13.3 - Reduction in absolute carbon emissions 13.3 - Donation to the Eden Project
7 AFFORDABLE AND CLEAN ENERGY	7.3 - Reduction in energy use 7.2 - 53% of energy demand met by renewable energy
11 SUSTAINABLE CITIES AND COMMUNITIES	11.6 - Measured carbon emissions 11.6 - Reduction in absolute carbon emissions 11.6 - 60% of waste recycled and composted 11.4 - Donation to the Eden Project
14 LIFE BELOW WATER	14.3 - Reduction in absolute carbon emissions
8 DECENT WORK AND ECONOMIC GROWTH	8.4 - Reduction in absolute carbon emissions 8.4 - Reduction in carbon emissions per intensity
12 RESPONSIBLE CONSUMPTION AND PRODUCTION	12.6 - Measured carbon emissions 12.1 - Reduction in absolute carbon emissions 12.5 - 60% of waste recycled and composted
15 LIFE ON LAND	15.5 - Reduction in absolute carbon emissions

5 ways to accelerate your sustainability journey.



1. Review our recommendations

Guidance for general best practice: See the Appendix of this report for recommendations to do with Data Collection & Quality, Building, Waste, Travel, Paper, Staff Engagement and Supplier Engagement.

2. Use our toolkits & resources

Toolkits & Guides: Go to our Members Area on our website and make use of resources available to Planet Mark members.

3. Connect with us

Social media channels: We're active across social media and would love to help share your sustainability stories across our platform, just connect and tag us please!

4. Need more support?

We can help. We are here to support on your sustainability journey, no matter where you're at. If you're on a path to net zero, we have a suite of Net Zero Solutions to offer. If you want further stakeholder engagement support, browse our list of workshops here or just get in touch to discuss.

Data Report.

APPENDIX

Sources (i).

			Current						
			01 January 2023 to 31 December 2023		01 January 2024 to 31 December 2024				
Source	Scope	Unit	Amount	tCO_2e	Amount	tCO_2e	% Change in tCO_2e from previous year	% total carbon footprint	% Change in amounts from previous year
Buildings									
District Heat and Steam	2	kWh	-	-	44,103.0	7.9	-	1%	-
District Heat and Steam - Upstream Leased Assets	3	kWh	201,947.3	38.2	679,047.0	128.4	236%	14%	236%
Elec - Upstream Leased Assets	3	kWh	605,456.4	136.2	538,548.8	121.4	-11%	13%	-11%
Electricity (market based)	2	kWh	645,430.3	247.1	696,952.2	146.5	-41%	16%	8%
Electricity (location based)	2	kWh	645,430.3	133.4	696,952.2	144.1	8%	-	8%
Natural Gas	1	kWh	1,856,898.3	339.7	1,658,274.6	303.3	-11%	34%	-11%
Natural Gas - Upstream Leased Assets	3	kWh	205,626.7	37.6	246,252.3	45.0	20%	5%	20%
Transmission and Distribution Losses	3	kWh	644,443.5	11.5	740,068.4	13.2	14%	1%	15%
Procurement									
Paper Recycled Content	3	tonnes	0.2	0.1	0.4	0.4	167%	0.04%	87%
Travel									
Fleet Diesel Fuel	1	litres	4,063.6	10.2	4,235.1	10.6	4%	1%	4%
Fleet Petrol Fuel	1	litres	1,314.0	2.8	2,032.6	4.2	54%	0.5%	55%
Fleet Electric	2	kWh	871.2	0.2	2,426.6	0.5	178%	0.1%	179%
Air Travel	3	passenger.km	172,993.8	20.0	178,501.6	21.5	7%	2%	3%
Average Car	3	km	3,675.2	0.6	370.3	0.1	-90%	0.007%	-90%
Bus	3	passenger.km	289,389.5	33.1	15,846.2	2.0	-94%	0.2%	-95%
Coach	3	km	-	-	5,684.6	2.7	-	0.3%	-
Coach	3	passenger.km	-	-	4,705.7	0.1	-	0.01%	-
Ferry	3	passenger.km	300.0	0.01	40.2	0.003	-73%	0.01%	-87%
Fleet Transmission and Distribution Losses	3	kWh	871.2	0.02	2,426.6	0.04	185%	0.005%	179%
Hotel	3	Room per night	-	-	5,890.0	61.3	-	7%	-
Hotel	3	room per night	1,633.0	17.0	-	-	-	-	-
Rail Travel	3	passenger.km	412,707.8	11.6	699,022.8	19.8	70%	2%	69%
Taxi	3	km	238.8	0.05	3,313.9	0.7	1288%	0.1%	1288%
Waste									
Energy from Waste	3	tonnes	33.5	0.7	48.4	0.3	-56%	0.03%	45%
Recycled	3	tonnes	42.3	0.9	72.5	0.5	-48%	0.1%	71%
Water									
Water Supply	3	cubic metres	28,305.0	5.0	36,128.0	5.5	11%	1%	28%
Water Treatment	3	cubic metres	28,305.0	5.7	34,335.5	6.4	12%	1%	21%

All rows and tables are rounded to one decimal place. This may lead to slight discrepancies in totals within the report.

Sources (ii).

				Current	
			01 January 2023 to 31 December 2023	01 January 2024 to 31 December 2024	
Source	**Scope**	**Unit**	**tCO_2e**	**tCO_2e**	**% Change in tCO_2e from previous year**
		Market Based			
Total		**tCO_2e**	**918.3**	**902.3**	**-2%**
No. employees		Number	76.6	79.1	
Total per employee		**tCO_2e**	**12.0**	**11.4**	**-5%**
Turnover £m		£m	22.1	24.5	
Total per £m		**tCO_2e**	**41.6**	**36.8**	**-12%**
		Location Based			
Total		**tCO_2e**	**804.7**	**900.0**	**12%**
No. employees		Number	76.6	79.1	
Total per employee		**tCO_2e**	**10.5**	**11.4**	**8%**
Turnover £m		£m	22.1	24.5	
Total per £m		**tCO_2e**	**36.5**	**36.7**	**1%**

All rows and tables are rounded to one decimal place. This may lead to slight discrepancies in totals within the report.

About this report – General.

Company Name	Anglo Educational Services
Sector	Educational Services
Reporting Period	01 January 2024 to 31 December 2024
Year Of Certification	2nd
Reporting Boundary	14 UK Sites
Emission sources included	District Heat and Steam, Electricity, Natural Gas, Transmission and Distribution Losses, Business Travel, Fleet Travel, Homeworking (not included in total footprint), Paper, Waste, Water, Upstream Leased Assets
Total FTE Employees (annual average no.)	79
Total Internal Floorspace (m^2)	None
Data Collection Lead	Soroush Khadem, soroush@angloeducational.com, Facilities and ESG Manager
Significant reporting changes	Additional Cheshire site
Baseline Conversion Factor	DESNZ 2023
Current Conversion Factor	DESNZ 2024
Methodology	We follow the GHG Protocol for Corporate Emission Reporting and The National TOMs Framework for Social Value Reporting. Refer to Planet Mark Business Certification Scheme Rules for detailed information on the methodology and standards used in the preparation of this report.
Community Project	Contributions to the Eden Project have been made as part of Planet Mark Certification.
Prepared by	Casper Vanags, Member Support Officer, Planet Mark
Checked by	Jamie Beevor, Head of Technical, Planet Mark Alex Smith, Technical Consultant, Planet Mark
Date	09 May 2025

About this report – Caveats (i).

Operational Boundary	Scope	Unit	Data Source	Data Accuracy	Comments, omissions, estimates or extrapolations	Organisational Boundary
Electricity	2 and 3	kWh	Primary sources - invoices and meter readings	Actual and estimated meter reads	Please refer to the adjusted data slide(s) for details of interpolation and extrapolation. Your electricity consumption is shown in the carbon footprint as Purchased Electricity emissions (Scope 2 emissions) and Electricity Transmission and Distribution losses (Scope 3 emissions). Your scope 2 electricity emissions are reported in two ways: location-based and market-based methods. Location-based electricity emissions have been calculated using carbon emission factors for average national or sub-national grid electricity. Market-based electricity emissions have been calculated using carbon emission factors for your specific electricity supply fuel mix as published on your supplier's website for electricity supplied in the period April 2023 to March 2024.	14 UK Sites
Natural Gas	1	kWh	Primary source - meter readings	Actual meter reads with extrapolation and interpolation	None	14 UK Sites
Water Supply & Treatment	3	m^3	Primary source - invoices	Actual meter reads with extrapolation and interpolation	None	14 UK Sites
Upstream Leased Assets	3	kwh	Primary sources - invoices and meter readings	Actual	Sites where AES did not have full operational control were measured under Upstream Leased Assets	

Note: unless otherwise stated in the report all electricity emissions are location based (i.e. calculated using carbon emission factors for average UK national grid electricity).

About this report – Caveats (ii).

Operational Boundary	Scope	Unit	Data Source	Data Accuracy	Comments, omissions, estimates or extrapolations	Organisational Boundary
Homeworking Energy	3	kWh	Secondary sources - Planet Mark homeworking energy calculation tool and data submission	Estimated	UK homeworking energy includes additional electricity and gas consumption as a result of each full-time equivalent employee working from home. We base our estimate of energy consumption due to homeworking on the DESNZ 2023 homeworking emission factors. The annualised DESNZ emission factors have been converted into monthly estimates of energy consumption in order to better account for seasonal variations. Our estimates are based on a 40h working week and a 6-month heating season (October to March) and take into account annual leave. Where the business has a physical office, homeworking utility emissions are calculated but not included in the Total Carbon Footprint figure.	14 UK Sites
Fleet Vehicles	1, 2 and 3	kWh and litres	Primary source - fuel report	Actual	None	14 UK Sites
Private Vehicles Used for Business	3	km	Primary source - travel report	Actual	Assumed coaches hired based on submitted invoices. Used coach EF for hired buses. Included tour buses.	14 UK Sites
Air Travel	3	pkm	Primary and secondary sources - data submission and travel report	Actual	None	14 UK Sites

Note: unless otherwise stated in the report all electricity emissions are location based (i.e. calculated using carbon emission factors for average UK national grid electricity).

About this report – Caveats (iii).

Operational Boundary	Scope	Unit	Data Source	Data Accuracy	Comments, omissions, estimates or extrapolations	Organisational Boundary
Rail Travel	3	pkm	Primary source - travel report	Actual	Where only spend data are available, distance has been estimated using £0.55 per mile for national rail and £0.86 per mile for London underground. Calculations based on 2021 analysis of Planet Mark members' rail journeys.	14 UK Sites
Taxi Travel	3	km	Primary source - travel report	Actual	Where only spend data are available, distance has been estimated using £2.53 per mile. Calculations are based on a fixed start price of £2.8 per journey, an average cost of £2.02 per mile and an average taxi journey of 5.36 miles. Sources: UK national average taxi costs, Numbeo and 2019 Passenger journeys per person per year - Taxi and Private Hire Vehicle Statistics: England 2021.	14 UK Sites
Ferry	3	pkm	Primary source - travel report	Actual	None	14 UK Sites
Hotel	3	room per night	Primary source - travel report	Actual	None	14 UK Sites
Waste	3	tonnes	Primary source - supplier report	Actual	None	14 UK Sites
Procurement - Paper	3	tonnes	Primary source - invoices	Actual	None	14 UK Sites

Note: unless otherwise stated in the report all electricity emissions are location based (i.e. calculated using carbon emission factors for average UK national grid electricity).

About this report – Caveats (iv).

Operational Boundary	Scope	Unit	Data Source	Data Accuracy	Comments, omissions, estimates or extrapolations	Organisational Boundary
Headcount		no.	Primary source - note from payroll	Actual	We have used the annual average full-time equivalent employees. Part-time employees are assumed to work 20 hours a week. We assume headcount only includes active employees (i.e. excludes employees on furlough).	14 UK Sites
Turnover		£m	Primary source - note from finance director	Assumed Actual	None	14 UK Sites
Floor Area		m^2	Secondary source - data submission form	Assumed Actual	Additional Cheshire site	14 UK Sites
Restatement					The previous years' electricity for Ability Towers has been adjusted to reflect more accurate meter readings. The previous years' natural gas consumption at the Allie Street site has been restated to reflect more accurate meter readings. All of the previous years' leased asset electricity emissions have been restated to include T&D losses. Previous year has been restated change 7 sites from leased assets to sites where AES has operational control.	14 UK Sites

Note: unless otherwise stated in the report all electricity emissions are location based (i.e. calculated using carbon emission factors for average UK national grid electricity).

About this report. Data Quality Score for Scope 1&2 emissions.

Data quality score

The data quality score is based on the 'Data Quality Matrix' in the Planet Mark Business Certification Scheme Rules and provides an indication of data assurance when using information in this report in your business.

	01 January 2024 to 31 December 2024	Definition
Relevance of boundary	4	Boundary accurately reflects the entire organisation's scope 1 and 2 carbon footprint for the studied period. (e.g. 99% of organisational scopes 1 and 2 activity included).
Data completeness	4	12 months of data provided for all sources measured.
Transparency	4	Full disclosure of assumptions and sufficient original evidence provided to support data submission (e.g. transparency on the source of 99% of data submitted).
Data accuracy	4	Use of primary data sources and minimal estimated data for all sources measured.
Consistency	4	Consistent or consistently improved methods, boundary and data completeness allowing for meaningful comparisons.
Total Score	**20 out of 20**	

As a way to improve your data quality score for future reports, it is recommended:

- To continue providing good primary evidence such as invoices for electricity, natural gas and fleet travel.

About this report. Data Quality Score for Scope 3 emissions.

Data quality score

The data quality score is based on the ‘Data Quality Matrix’ in the Planet Mark Business Certification Scheme Rules and provides an indication of data assurance when using information in this report in your business.

	01 January 2024 to 31 December 2024	Definition
Relevance of boundary	2	Boundary accurately reflects all material core scope 3 emissions that are easily within organisational control (e.g. Categories 3, 5, 6).
Data completeness	3	At least 67% of data provided for most categories measured (e.g. at least 75%).
Transparency	4	Full disclosure of assumptions and sufficient original evidence provided to support data submission. (e.g. transparency on the source of 99% of data submitted).
Data accuracy	3	Use of actual data for the majority of categories with limited estimated data (e.g. at least 75% actual data).
Consistency	3	Largely consistent or improved methods, boundary and data completeness with supporting evidence of changes made.
Total Score	**15 out of 20**	

As a way to improve your data quality score for future reports, it is recommended:

- To measure more of your scope 3 emissions.
- To provide primary evidence where possible, such as invoices for all of scope 3.
- To provide "from" and "to" and/or distance travelled for all travel.

Market-based methodology.

What is market-based carbon footprint measurement?

The market-based method was introduced in 2015 in order to allow companies to reflect the emissions from the electricity that they have specifically chosen to procure or generate on-site, which in most cases will be different from the average emissions of the electricity that is generated by the local grid.*

If you have a green tariff:

Different electricity suppliers (and different tariffs from the same electricity supplier) may have different greenhouse gas emissions attributed to them depending on the mix of generators that they source electricity from, and they have to declare the fuel mix of their electricity supplies to Ofgem on an annual basis.

Your electricity supplier may choose to invest in new renewable generation capacity of its own or contract directly with an existing renewable generator via a mechanism known as a Power Purchase Agreement (PPA). Under a PPA the supplier commits to purchasing electricity produced by the renewable generator for a long period, providing certainty for the generator and a good price for the supplier.

A more common approach to green tariffs is for electricity suppliers to purchase electricity from the wholesale market (which means that it has been generated by a range of sources including fossil fuel generators) and then purchase and retire an equivalent number of certificates known as REGOs (Renewable Energy Guarantees of Origin). This type of green tariff is usually described as being "REGO-backed". **These REGO-backed green tariffs would be eligible for zero emissions under the market-based method, however we recommend that our members seek out high quality green tariffs which go beyond minimum standards and actively support the deployment of additional, new renewables generation capacity.**

If your electricity supply is not a 100% renewable, then under the market-based approach, we use the emission factor based on the tariff or the supplier's fuel mix disclosure declaration. **In some cases, this will be lower than the grid average emission factor used in the market-based approach.** If no tariff or supplier-specific emission factor is available, then an emission factor based on the residual fuel mix is used. This emission factor is higher than the grid average emission factor as the residual fuel mix is made up of all fossil fuel and nuclear generation along with the renewable generation which does not have a retired REGO associated with it. This results in market-based carbon footprint being higher than location-based.

If you have on-site renewables:

If your renewables installation is not supported by the Feed-In Tariff (FiT) or if you retired REGOs equivalent to the amount of electricity consumed from an on-site renewable installation, you are eligible for zero emissions for the generated electricity which you consume on-site under both the market-based and location-based methods. Electricity exported to the grid is excluded and does not contribute to a reduction in emissions.

Planet Mark members with FiT-supported renewables installations (the FiT ran in the UK from April 2010 to March 2019) who have not registered for, claimed and retired REGOs for the generation cannot claim the zero carbon electricity (please refer to Ofgem rules). In this case the average grid emission factor is applied to consumption of on-site renewable generation under the location-based method and the residual fuel mix emission factor is applied under the market-based method. It is possible to register a FiT-supported renewable installation with Ofgem and retire the associated REGOs and in this case a zero emission factor would be applied to consumption of on-site renewable generation in both the location-based and market-based methods.

A REGO (Renewable Energy Guarantees of Origin) is a certificate which is issued by Ofgem to a renewable generator for each MWh (megawatt-hour) of renewable electricity that they produce.

* https://ghgprotocol.org/sites/default/files/standards/Scope%202%20Guidance_Final_Sept26.pdf#page=28

About this report – Caveats – Adjusted Data (i).

Notes: Data for the periods shown below has been interpolated or extrapolated as indicated in the table.

Emission Source	Scope	Site	Data Source	Data Accuracy	Date From	Date To	No. of Days	Adjusted Date From	Adjusted Date To	Adjusted No. of Days	Comment
Water Supply & Treatment	3	Shorditch	Invoices	Actual meter reads	29-12-2023	01-01-2025	370	01-01-2024	31-12-2024	366	Interpolation
Water Supply & Treatment	3	ABILITY TOWERS	Invoices	Actual meter reads	18-11-2023	22-10-2024	340	01-01-2024	31-12-2024	366	Extrapolation and interpolation
Water Supply & Treatment	3	Cheshire	Invoices	Actual meter reads	11-07-2024	02-12-2024	145	01-04-2024	31-12-2024	275	Extrapolation
Water Supply & Treatment	3	Hanbury	Invoices	Actual meter reads	04-01-2024	02-01-2025	365	01-01-2024	31-12-2024	366	Extrapolation and interpolation
Water Supply & Treatment	3	Marylebone	Invoices	Actual meter reads	22-02-2024	14-02-2025	359	01-01-2024	31-12-2024	366	Extrapolation and interpolation
Water Supply & Treatment	3	North Gower Street	Invoices	Actual meter reads	28-02-2024	21-11-2024	268	01-01-2024	31-12-2024	366	Extrapolation
Water Supply & Treatment	3	Sutherland Avenue	Invoices	Actual meter reads	13-09-2023	16-09-2024	370	01-01-2024	31-12-2024	366	Extrapolation and interpolation
Water Supply & Treatment	3	West Kensington	Invoices	Actual meter reads	02-05-2024	02-12-2024	215	01-01-2024	31-12-2024	366	Extrapolation

About this report – Caveats – Adjusted Data (ii).

Notes: Data for the periods shown below has been interpolated or extrapolated as indicated in the table.

Emission Source	Scope	Site	Data Source	Data Accuracy	Date From	Date To	No. of Days	Adjusted Date From	Adjusted Date To	Adjusted No. of Days	Comment
Natural Gas	3	Shorditch	Meter Readings	Actual meter reads	01-01-2024	30-11-2024	335	01-01-2024	31-12-2024	366	Extrapolation
Natural Gas	3	Kensington	Meter Readings	Actual meter reads	01-02-2024	31-12-2024	335	01-01-2024	31-12-2024	366	Extrapolation
Natural Gas	3	Hanbury	Meter Readings	Actual meter reads	01-02-2024	31-12-2024	335	01-01-2024	31-12-2024	366	Extrapolation
Natural Gas	1	Richbell House	Meter Readings	Actual meter reads	18-12-2023	31-12-2024	380	01-01-2024	31-12-2024	366	Interpolation

About this report – Caveats – Social Value (i).

Theme	Ref	Data source	Data Accuracy	Comments	Organisational boundary
People	**NT9**	Primary Source	Actual	Microsoft Training and ESG Risk managment course	14 UK Sites
People	**NT20**	Primary Source	Actual	Kept at FTE of 79.1	14 UK Sites
People	**NT21**	Primary Source	Actual	Training from diversity trust.	14 UK Sites
Community & Volunteering	**NT11**	Primary Source	Actual	Mentoring programme and CEO mentoring students	14 UK Sites
Community & Volunteering	**NT12**	Primary Source	Actual	24 weeks based on calculations	14 UK Sites
Community & Volunteering	**NT17**	Primary Source	Actual	Reduced by ten hours to not double count student mentoring hours.	14 UK Sites
Community & Volunteering	**NT51**	Primary Source	Actual	Discounts to NGOs/VCSEs and use of sustainable local caterer.	14 UK Sites
Community & Volunteering	**NT86**	Primary Source	Actual	Literpicking and sustainable food event.	14 UK Sites
Environmental	**NT31**	Primary Source	Actual	C02e Reductions	14 UK Sites
Environmental	**NT32**	Primary Source	Actual	Car miles saved using oyster cards, low carbon ubers, cycling/walking for commuting.	14 UK Sites
Environmental	**NT33**	Secondary Source	Actual	Fleet electric vehicle miles	14 UK Sites

About this report – Caveats – Social Value (ii).

Theme	Ref	Data source	Data Accuracy	Comments	Organisational boundary
Environmental	**NT44**	Primary Source	Actual	ESG Board report showing goals	14 UK Sites
Environmental	**NT53**	Primary Source	Actual	Fleet electric vehicle investment	14 UK Sites
Environmental	**NT83**	Primary Source	Actual	Planet Mark carbon submission	14 UK Sites
Environmental	**NT90**	Primary Source	Actual	Large range of activities/training	14 UK Sites
Environmental	**TPM1**	Primary Source	Actual	Avoided hours of cummting due to flexible working/ working from home. Also student internship commuting hours avoided.	14 UK Sites
Environmental	**TPM2**	Primary Source	Actual	None	14 UK Sites
Donations	**NT16**	Primary Source	Actual	Just one tree, MaMillan Cancer Support, Christmas Shoebox and others	14 UK Sites

About this report.
Data Quality – Social Value.

Data quality score

The data quality score is based on the ‘Data Quality Matrix’ in the Planet Mark Business Certification Scheme Rules and provides an indication of data assurance when using information in this report in your business.

	01 January 2024 to 31 December 2024	Definition
Relevance of boundary	4	Boundary accurately reflects the entire business social values activities for the studied period. (eg 95% of organisational activity included)
Data completeness	4	12 months of data provided for all sources.
Transparency	4	Full disclosure of assumptions and sufficient original evidence provided to support data submission.
Data accuracy	4	Mainly use of primary data sources and minimal estimated data.
Consistency	4	Consistent or consistently improved methods, boundary and data completeness allowing for meaningful comparisons.
Total score	**20 out of 20**	

As a way to improve your data quality score for future reports, it is recommended:

- To keep providing great primary evidence with transparent calculations for your social value measures.

Recommendations.

APPENDIX

Guidance for general best practice.

Data collection and quality

Evidence pack: Collate all relevant invoices in an electronic evidence pack.

Utilities: Take readings of all meters on the last day of the month. Investigate the installation of smart meters.

Headcount: Ask HR for a table showing monthly full time equivalent headcount for the whole reporting period.

Fuel: Introduce fuel cards.

Travel: Ask your travel suppliers to provide you with a report detailing mileage and mode of transport so you can accurately add data to your carbon footprint. For non centrally booked travel record mode of travel, destination/origin and distances travelled in expense claim forms.

Building

Energy efficiency: Regular ‘energy audits’ will help identify where most energy is being used and potential wastage from equipment, lights and heat loss. Investigate the installation of LED, T5 and sensor lighting and the upgrade of heating controls.

Waste

Carry out a waste management audit: To understand what waste you are producing, where it is coming from and what the best route for it would be. Provide plenty of bins for segregating waste correctly and encouraging recycling.

Engage your waste management supplier to help you reduce landfill waste and instead increase the proportion that goes to recycling and to energy from waste.

Guidance for general best practice.

Water

Check your meters at night, or when water is not in use, to monitor leakage.

Introduce a water use awareness campaign in communal kitchen areas.

Travel

Record all business travel and promote public transport options for business meetings.

Arrange safe and fuel efficient driving training for all drivers. Plan driver routes to finish at their homes.

Choose fuel efficient vehicles. Electric or hybrid cars are exempt from various taxes. Subsidies are also available for smallest vehicles. Provide incentives for employees to opt for low carbon cars, and limit choices to those which meet sustainability criteria

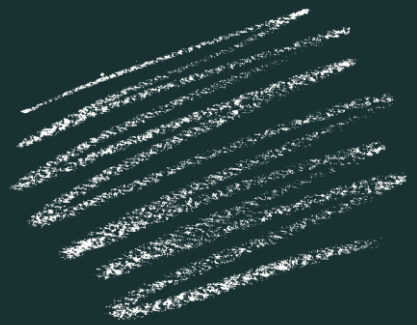
Choose travel management companies, airlines, taxi companies, couriers and other providers that are Planet Mark certified, and look for clear progress on improving fuel efficiency and pursuing credible, sustainable solutions for travel.

Paper

Buy paper from sustainable forests or recycled content. Ask for FSC or PEFC branded paper as a minimum - ideally with the EU Eco label.

Choosing recycled content paper, your carbon emissions from paper use are reduced by 30% but choosing sustainably sourced paper the benefits are more holistic as you support the demand for sustainably managed forests which may otherwise be cut down for a different land use such as agriculture.

Guidance for general best practice.



Staff engagement

Organise annual sustainability workshops. Carry out an energy awareness and ‘switch off’ campaign.

Supplier engagement

Explore your possibilities and choose consciously. Check the Planet Mark website for companies that are currently engaged on reducing their carbon footprint.

THANK YOU

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