

Business Certification

Jac. Vandenberg

YEAR 3

01 January 2024 to 31 December 2024



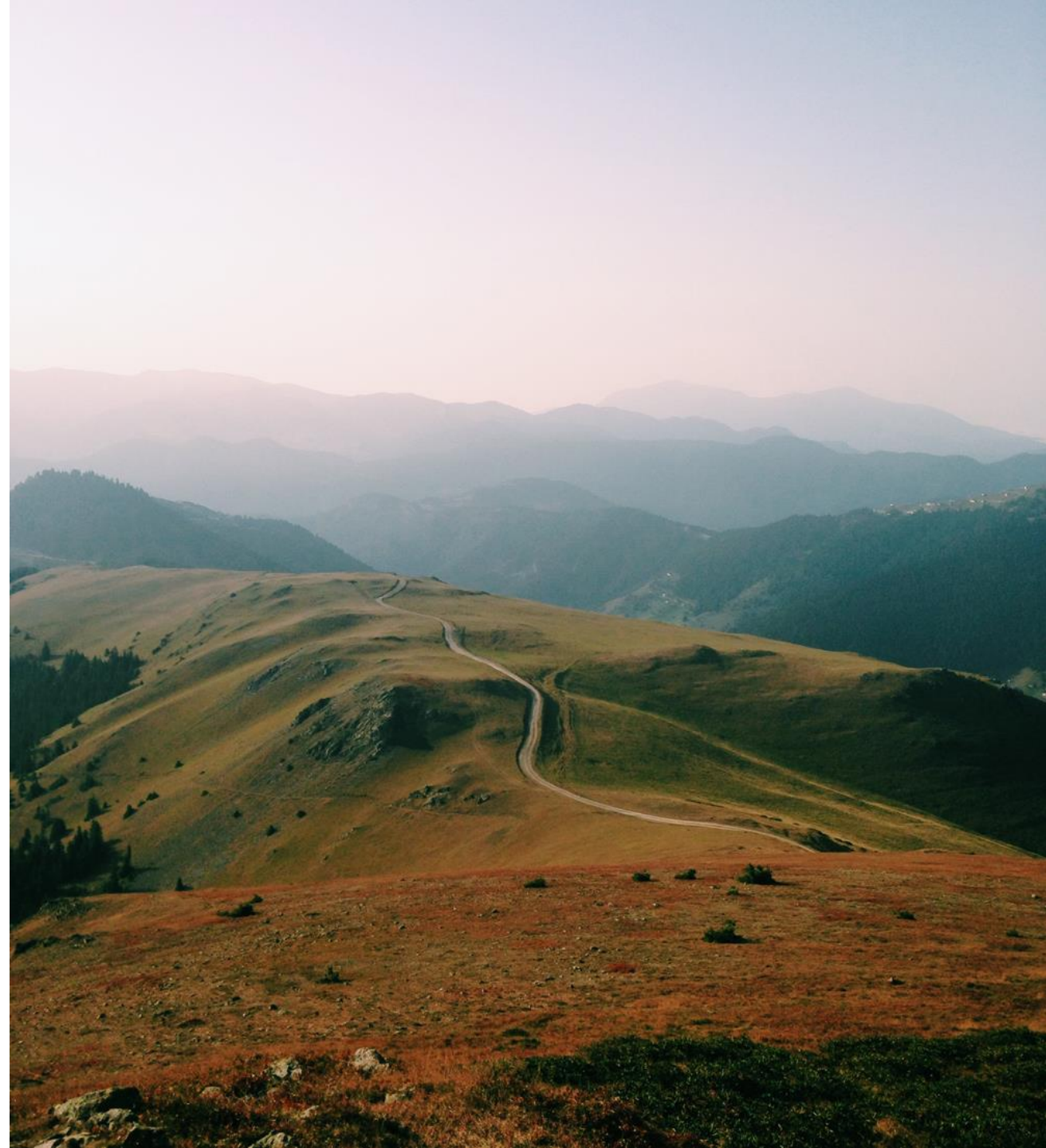
Measure



Engage



Communicate





Executive Summary

Current Planet Mark Certification

This reporting period captures the 3rd year that Jac. Vandenberg has achieved Planet Mark Business Certification. To retain certification for the next reporting period Jac. Vandenberg is required to measure and reduce emissions while working to improve data quality.

This certification has been awarded to Jac. Vandenberg for reducing measured Scope 1 and 2 emissions (market-based) by a 26.5% absolute reduction and a 27.0% per employee reduction in market based compared to the previous year.

Reporting year:

01 January 2024 to 31 December 2024

Reporting Boundary:

Tarrytown NY HQ, Gloucester City NJ, Carson CA

Highlights (market-based):

Measured footprint (tCO ₂ e):	31.9
Per employee (tCO ₂ e):	0.9
Data quality (Scope 1 & 2):	8 out of 20
Data quality (Scope 3):	10 out of 20

Measured emissions:

Scope 1: Fleet
Scope 2: Electricity
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)

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 76.7% of the Jac. Vandenberg's 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. 3: Energy related activities
- 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

Emissions from Waste and Emissions from Hotel Stays were normalised from footprint and therefore excluded from year-on-year comparison as they were reported on for the first time in 2024.

Electricity consumption for the Gloucester City NJ and Carson CA sites was estimated using an average kWh per m2 calculation based on the kWh consumption at the Tarrytown NY HQ site.



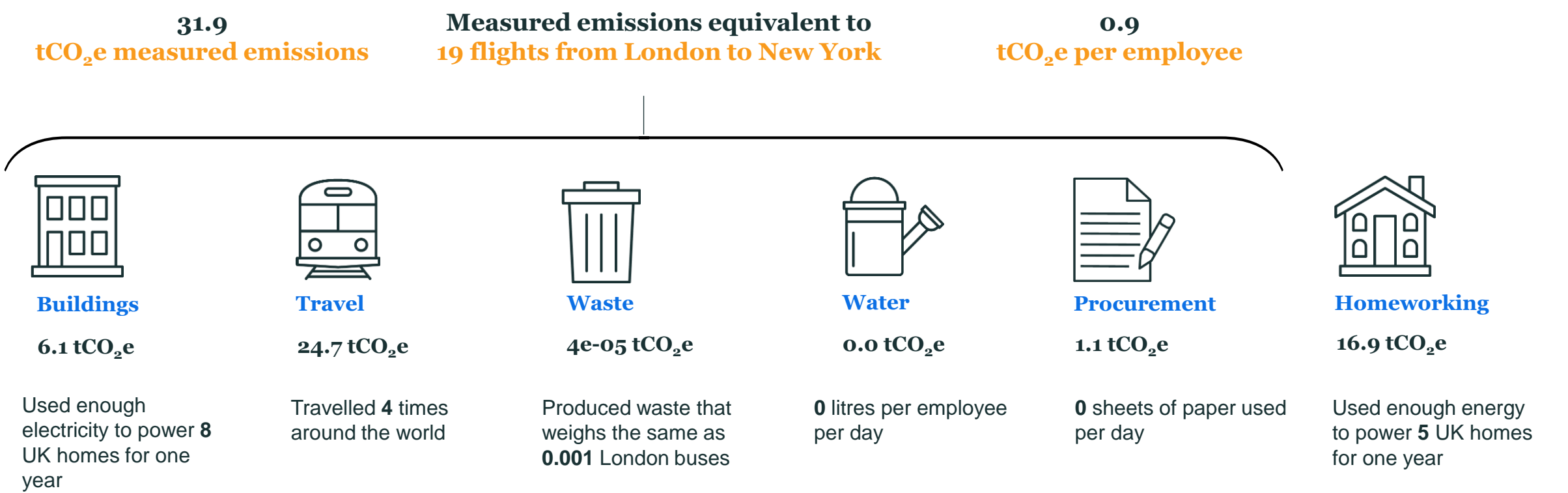
Updates to Planet Mark Business Certification

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 it is 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*



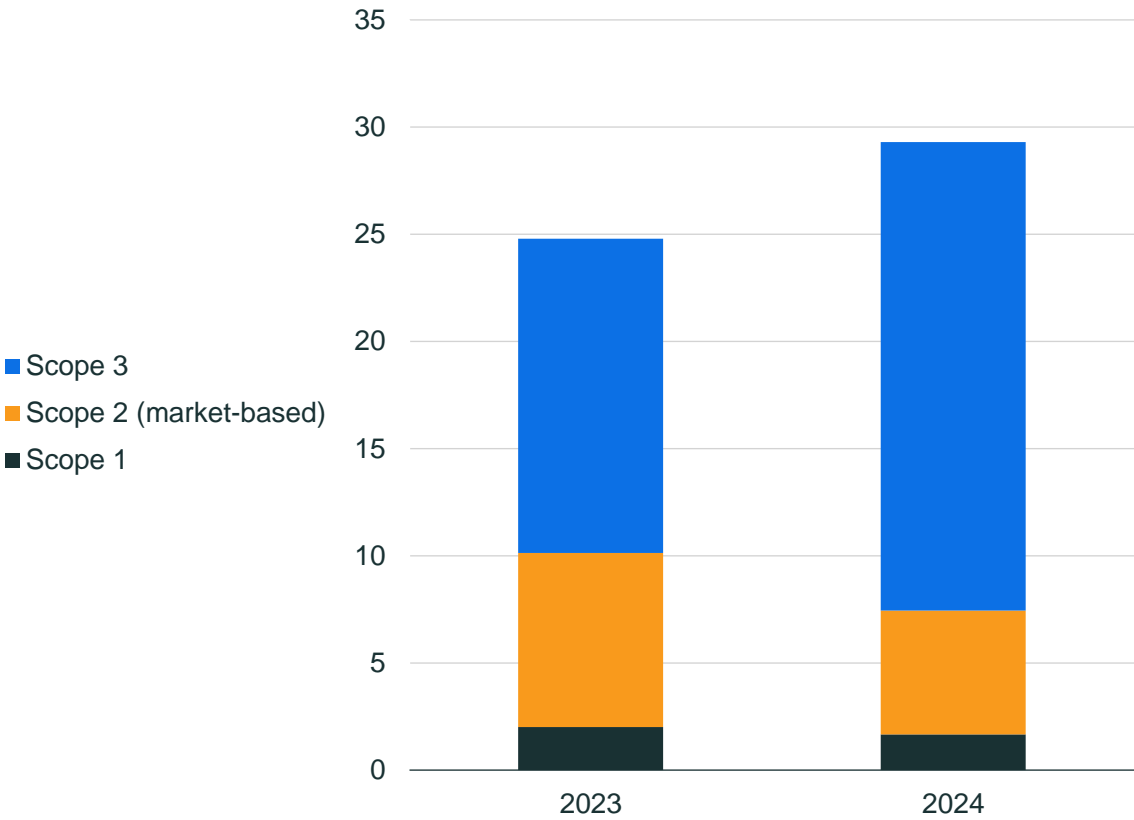


Measured carbon footprint By Scope.

Market *BASED*

Scope	2023	2024
Scope 1	2.0	1.7
Scope 2 (market-based)	8.1	5.8
Scope 3	14.7	21.9
Total (market-based)	24.8	29.3

Measured carbon emissions by scope for year ending 2024, tCO₂e



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*

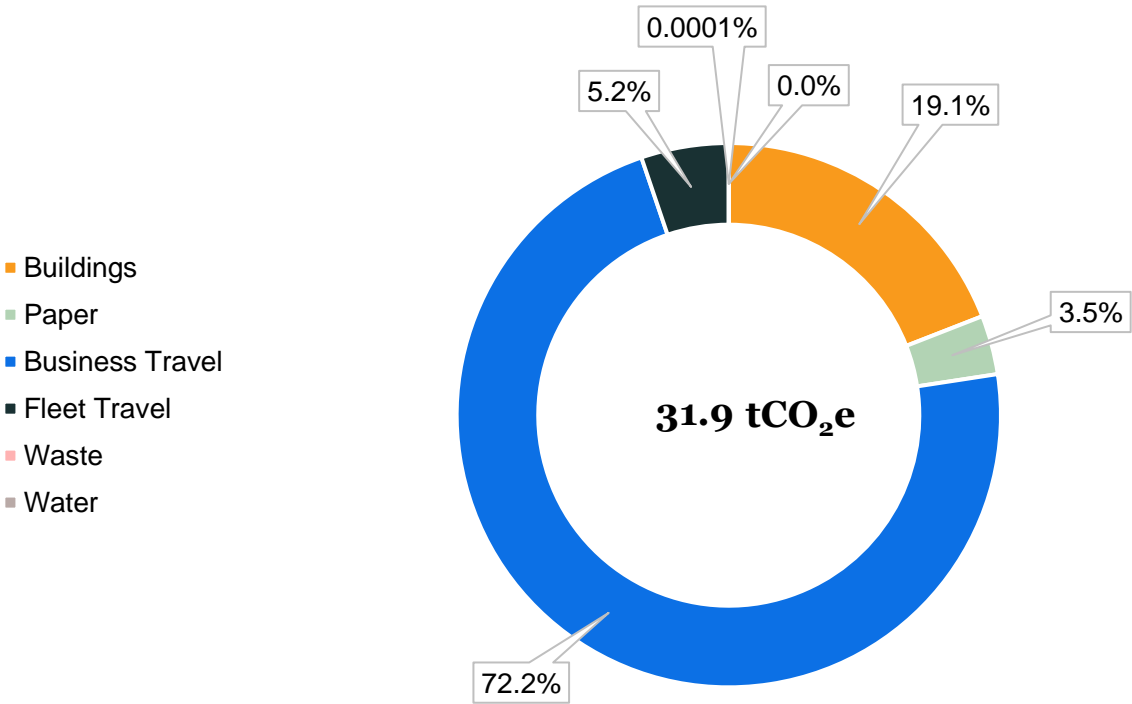
Reporting year:
01 January 2024 to 31 December 2024

Reporting Boundary:
Tarrytown NY HQ, Gloucester City NJ, Carson CA

Emissions measured:
Electricity, Transmission and Distribution Losses, Business Travel, Fleet Travel, Homeworking (not included in total footprint), Paper, Waste, Water

Highlights:
Carbon footprint (tCO₂e): **31.9**
Per employee (tCO₂e): **0.9**
Next reduction target: **5%**
Data quality score Scope 1 & 2: **8 out of 20**
Data quality score Scope 3: **10 out of 20**

Carbon footprint by emission source for year ending 2024, tCO₂e



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:

Tarrytown NY HQ, Gloucester City NJ, Carson CA

Emissions measured:

Electricity, Transmission and Distribution Losses, Business Travel, Fleet Travel, Homeworking (not included in total footprint), Paper, Waste, Water

Highlights:

Carbon footprint (tCO₂e): **31.9**

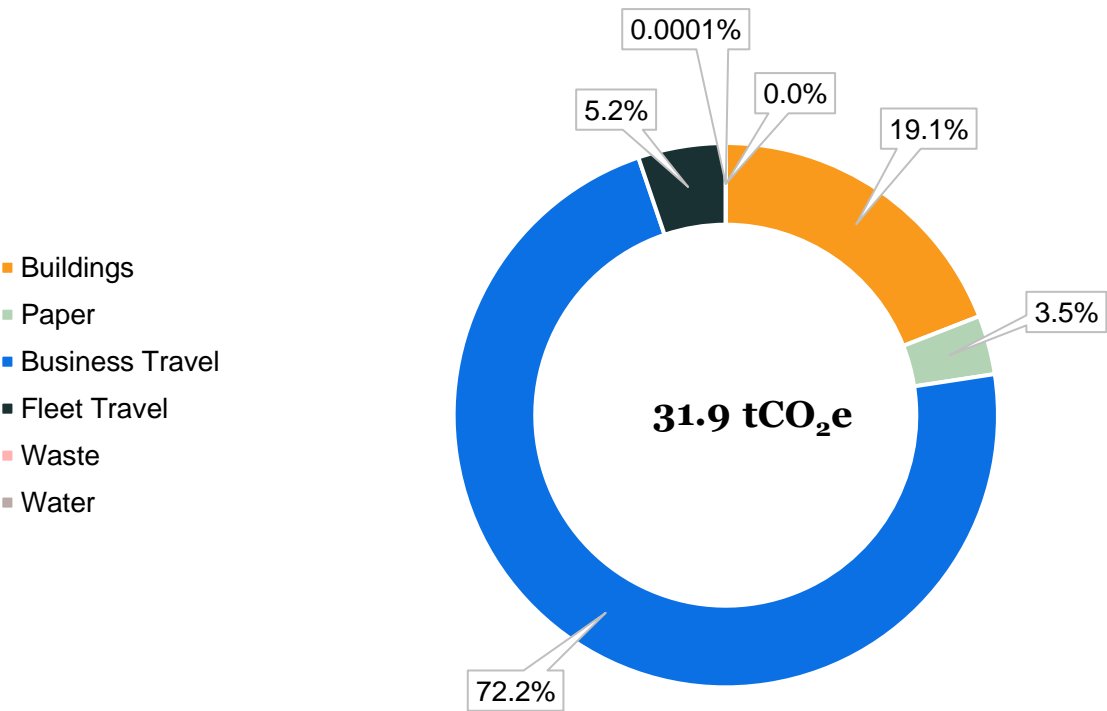
Per employee (tCO₂e): **0.9**

Next reduction target: **5%**

Data quality score Scope 1 & 2: **8 out of 20**

Data quality score Scope 3: **10 out of 20**

Carbon footprint by emission source for year ending 2024, tCO₂e



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).



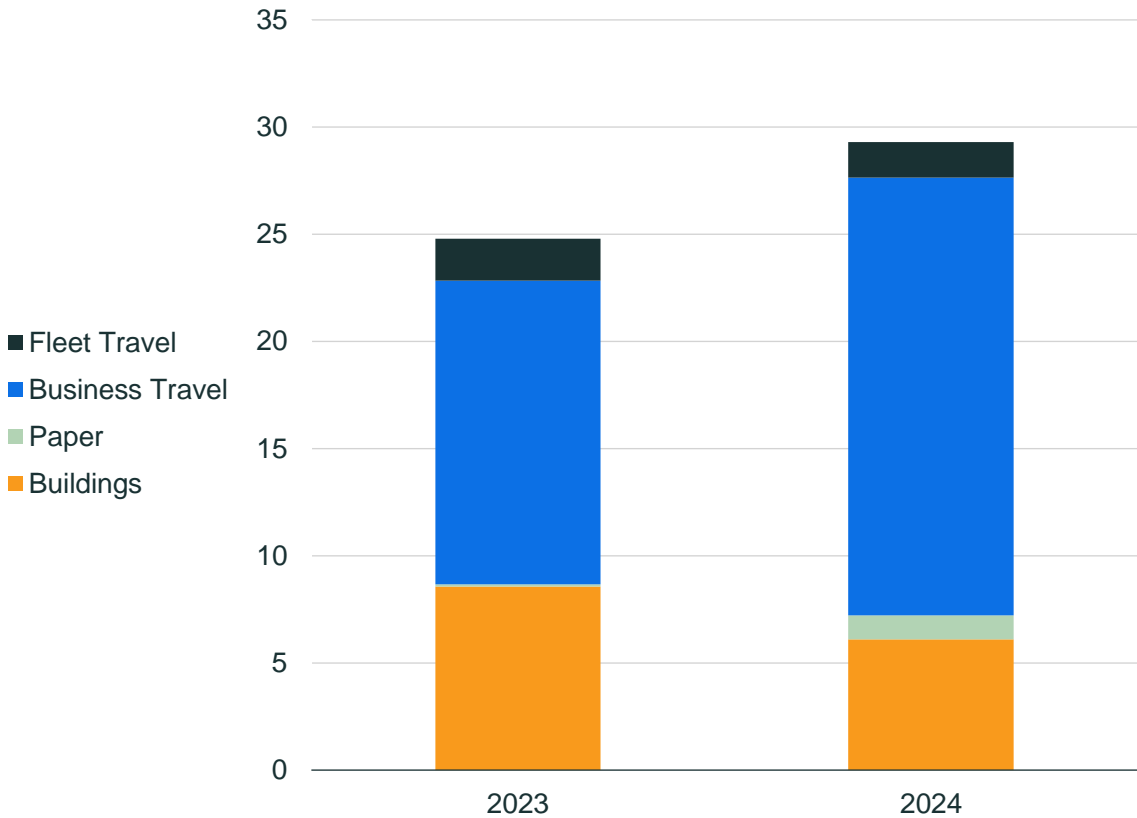
Measured carbon footprint.

Yearly *COMPARISON*

Jac. Vandenberg’s year-on-year carbon footprint increased by 18.3% over YE2024.

Source Category	2023	2024
Buildings	8.6	6.1
Paper	0.1	1.1
Business Travel	14.2	20.4
Fleet Travel	2.0	1.7
Total (market-based)	24.8	29.3

Carbon footprint by emission source for year ending 2023 and 2024, tCO₂e



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



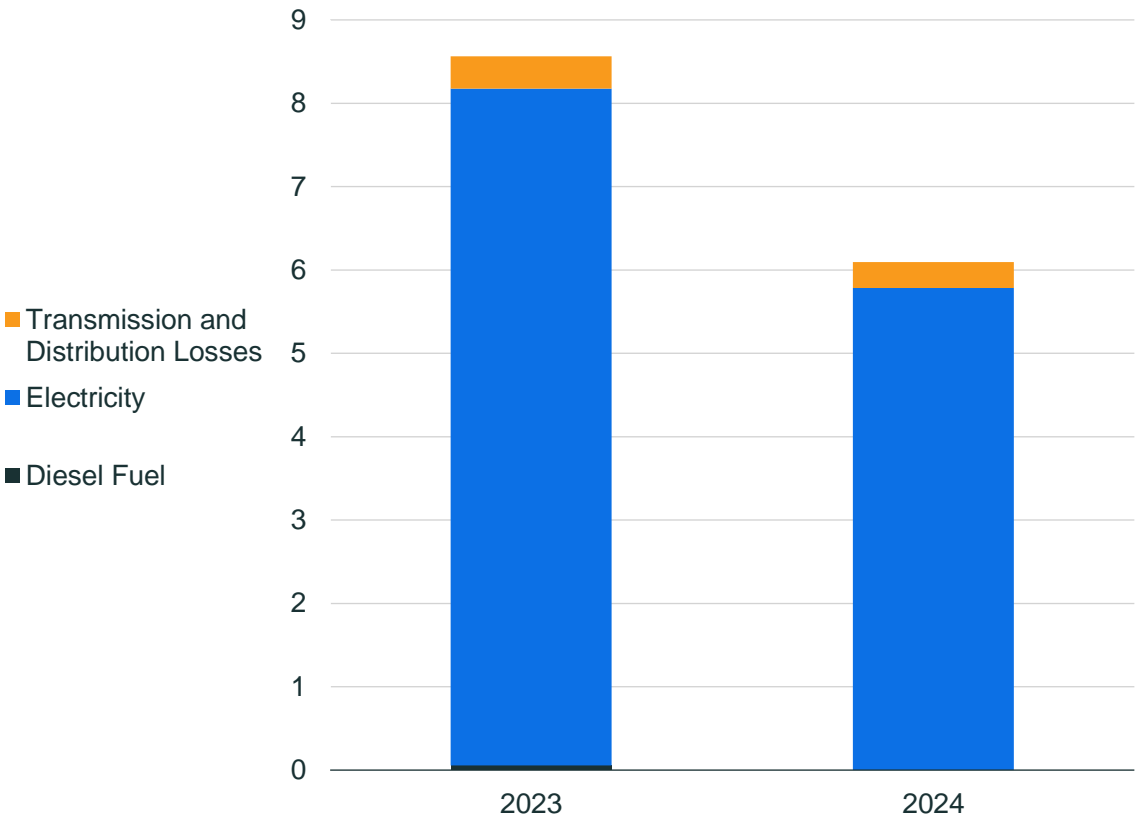
Carbon footprint.

BUILDINGS

Jac. Vandenberg’s year-on-year emissions from Buildings decreased by 28.8% over YE2024.

Buildings	2023	2024
Diesel Fuel	0.1	-
Electricity	8.1	5.8
Transmission and Distribution Losses	0.4	0.3
Total (market-based)	8.6	6.1

Buildings emissions for year ending 2023 and 2024, tCO₂e



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Carbon footprint.

Business TRAVEL

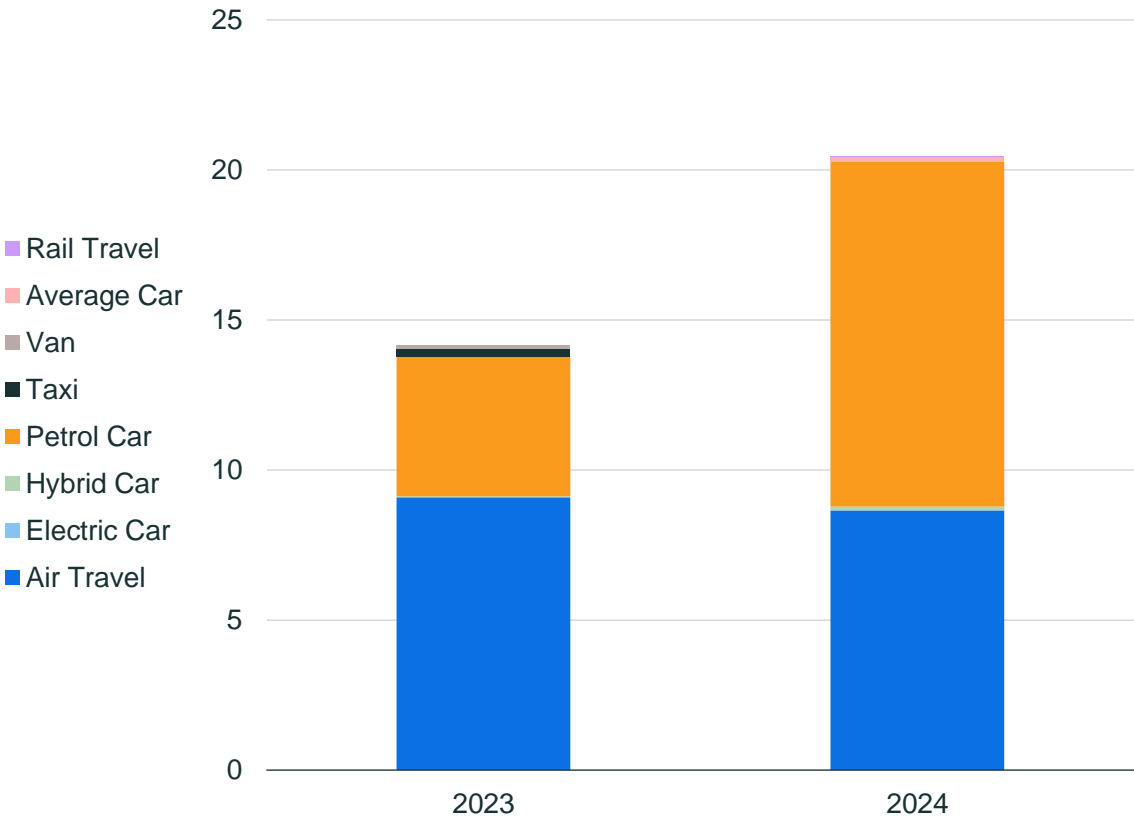
Jac. Vandenberg’s year-on-year emissions from Business Travel increased by 44.2% over YE2024.

Business Travel	2023	2024
Air Travel	9.1	8.7
Electric Car	0.01	0.001
Hybrid Car	0.03	0.1
Petrol Car	4.6	11.5
Taxi	0.3	0
Van	0.1	-
Average Car	-	0.1
Rail Travel	-	0.001
Total	14.2	20.4



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Business travel emissions for year ending 2023 and 2024, tCO₂e





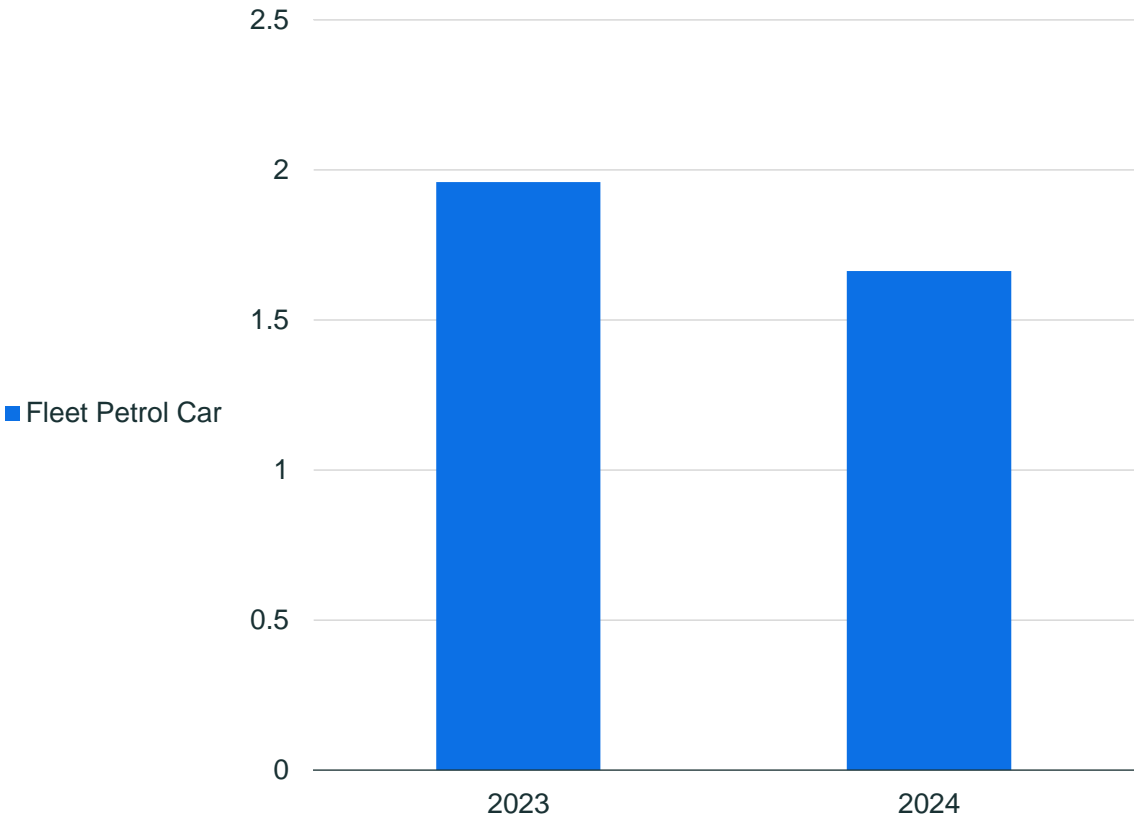
Carbon footprint.

Fleet *TRAVEL*

Jac. Vandenberg's year-on-year emissions from Fleet Travel decreased by 15.1% over YE2024.

Fleet Travel	2023	2024
Fleet Petrol Car	2.0	1.7
Total	2.0	1.7

Fleet travel emissions for year ending 2023 and 2024, tCO₂e



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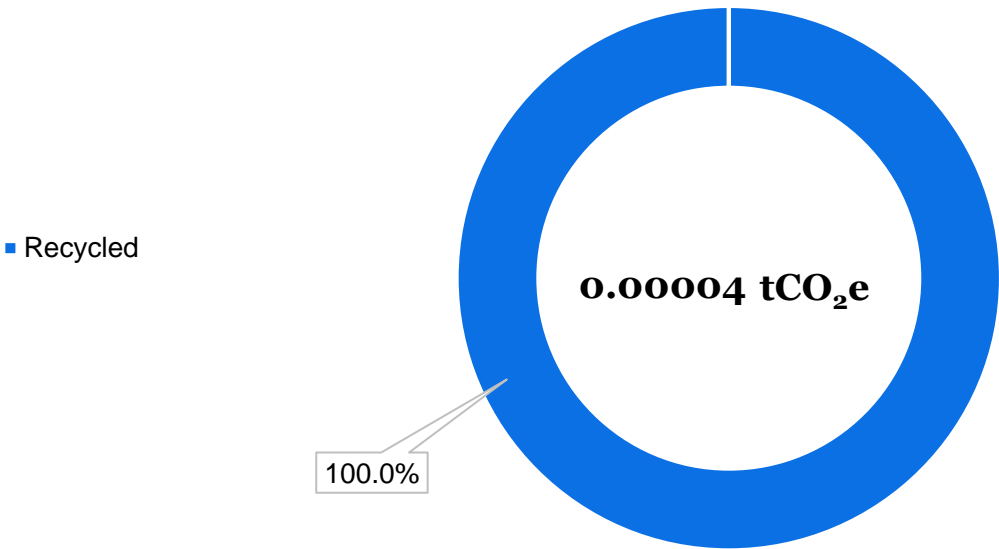
Carbon footprint.


WASTE

Jac. Vandenberg reported on Waste for the first time in 2024.

Waste	tCO ₂ e	%
Recycled	0.00004	100.0
Total	0.00004	100.0

Waste emissions for year ending 2024, tCO₂e



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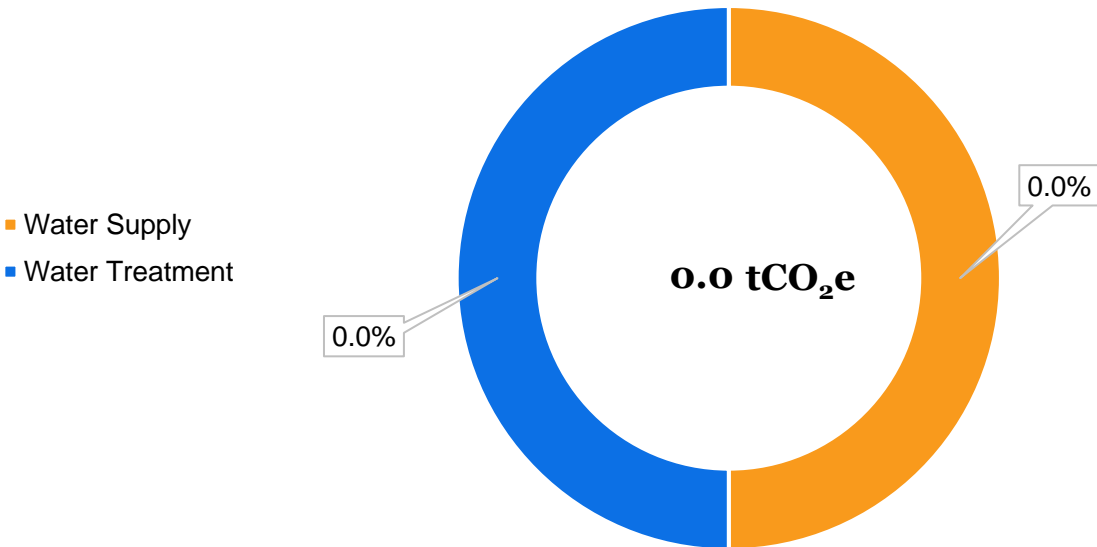
Carbon footprint.

WATER

None of Jac. Vandenberg's three sites have water bills, as declared by Jac Vandenberg. Therefore, Water consumption is zero.

Water	tCO ₂ e	%
Water Supply	0	0.0
Water Treatment	0	0
Total	0	0

Water emissions for year ending 2024, tCO₂e



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



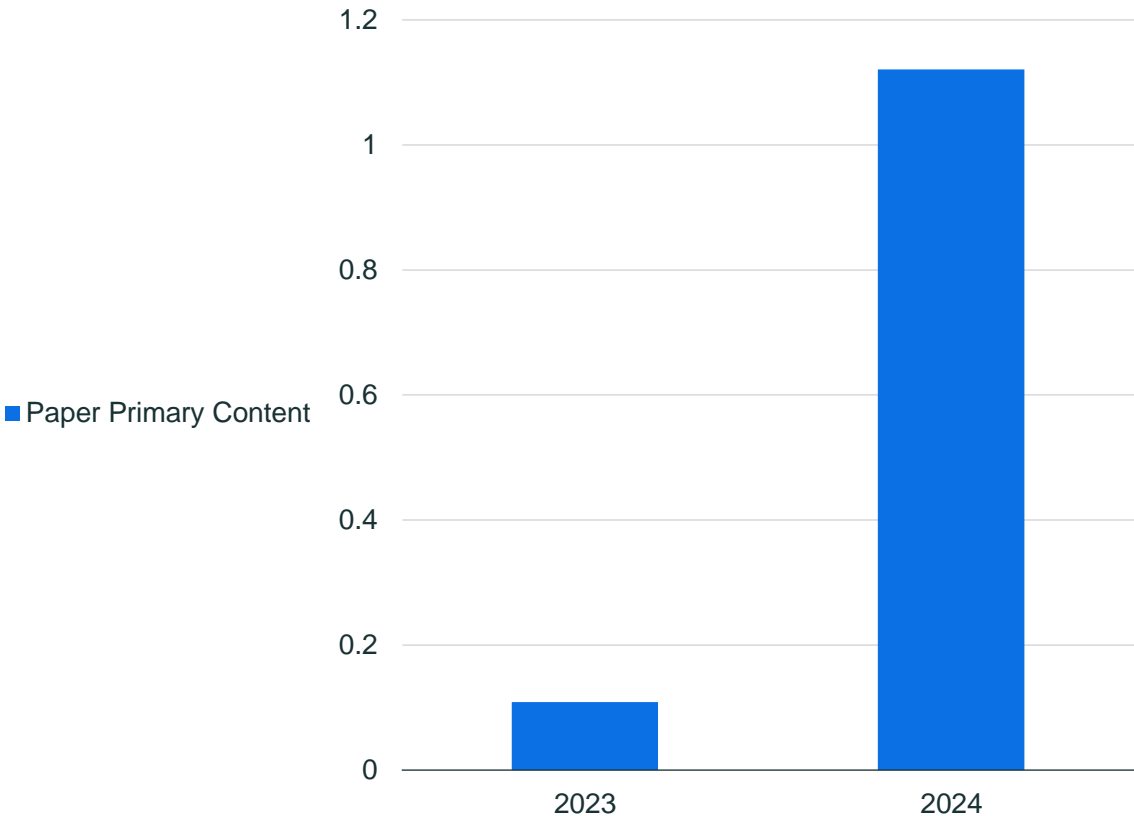
Carbon footprint.

PROCUREMENT

Jac. Vandenberg’s year-on-year emissions from Paper Procurement increased by 928.0% in YE2024.

Paper	2023	2024
Paper Primary Content	0.1	1.1
Total	0.1	1.1

Procurement emissions for year ending 2023 and 2024, tCO₂e



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Carbon footprint.

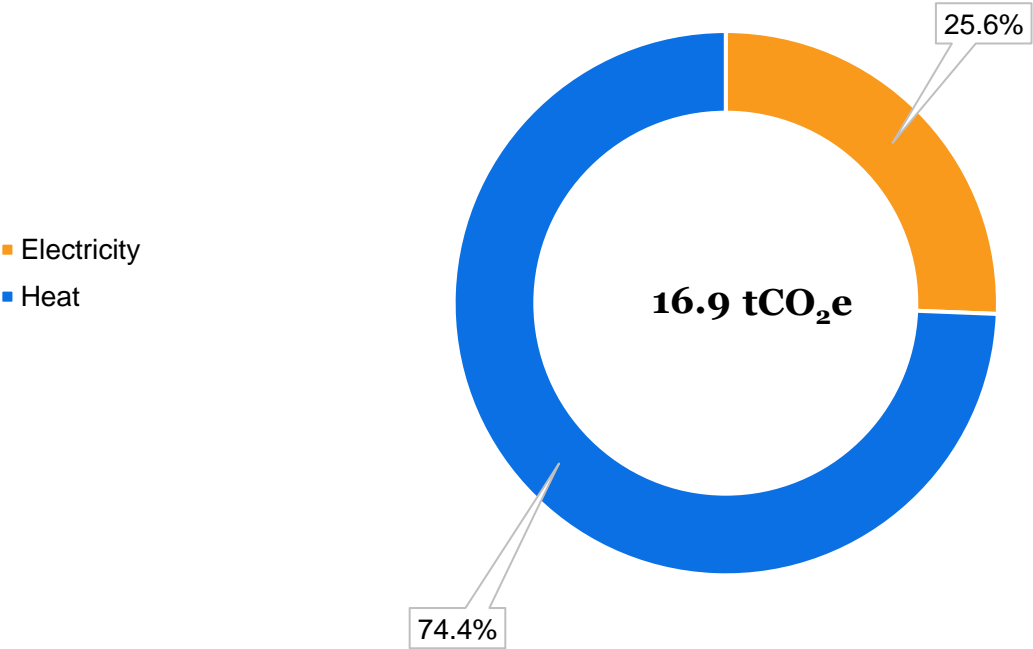
HOME OFFICE

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 ₂ e	%
Electricity	4.3	25.6
Heat	12.5	74.4
Total	16.9	100.0

Homeworking emissions for year ending 2024, tCO₂e



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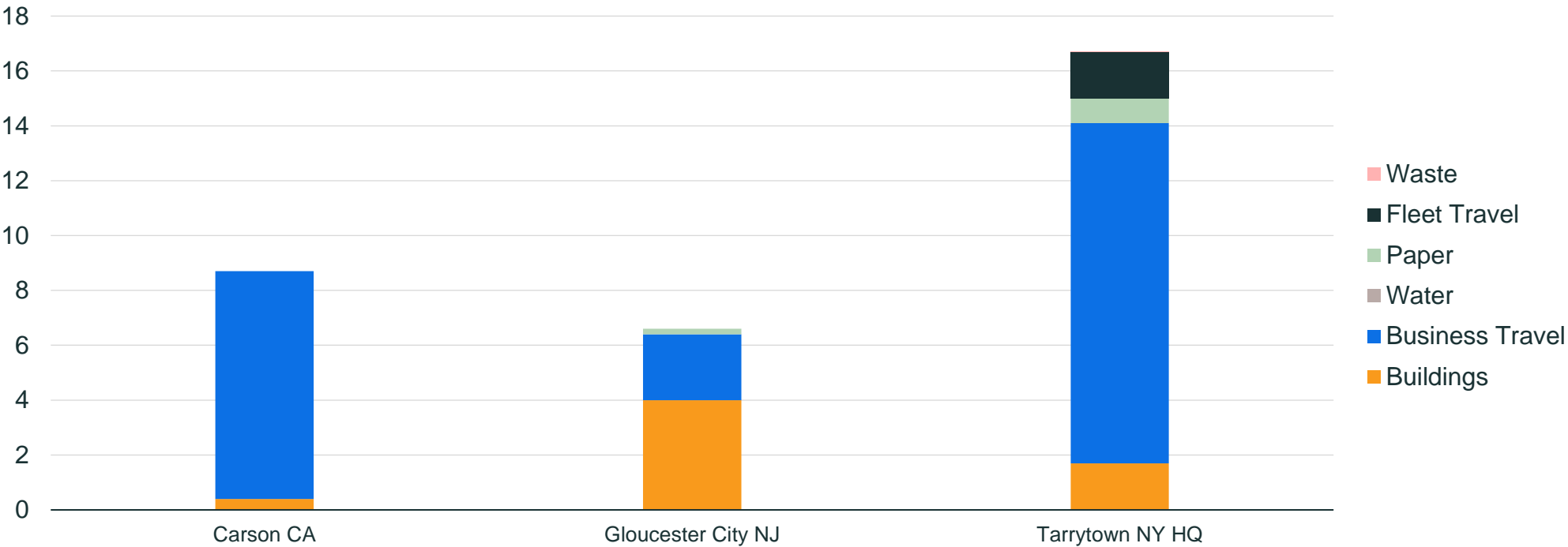


Carbon footprint.

Market *BASED*

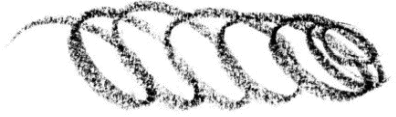
Carbon footprint for each location

tCO₂e





Looking ahead. Targets for next year.



Measured carbon
footprint
market-based

31.9 tCO₂e



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

0.4 tCO₂e



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

0.01 tCO₂e



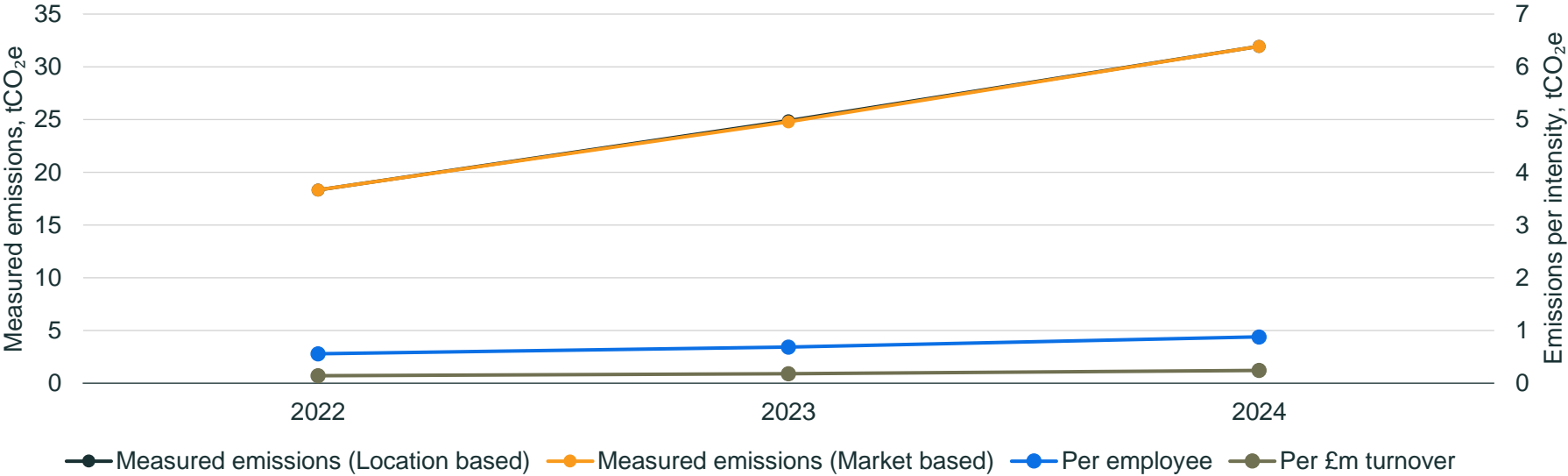


Historical Carbon Emissions

Reported carbon emissions year ending 2022 to 2024

Note:

This graph shows absolute reported carbon emissions for each year. Planet Mark's Business Certification covers scope 1, 2 and some 'core' scope 3 emissions



Improvements in data quality and changes to the business reporting boundary may impact the emission sources included in each year's certification. Meaningful comparisons, therefore, may not be possible without normalisation (not shown here). Annual reductions are based on the previous year's emissions (a rolling baseline), with certification awarded based on a minimum normalised reduction requirement or the emissions banking approach.



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.



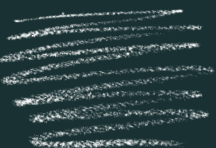
The Eden Project

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.



eden
project





Step three.

COMMUNICATE





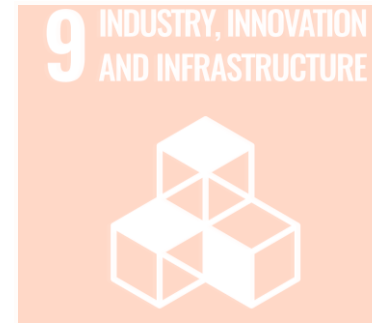
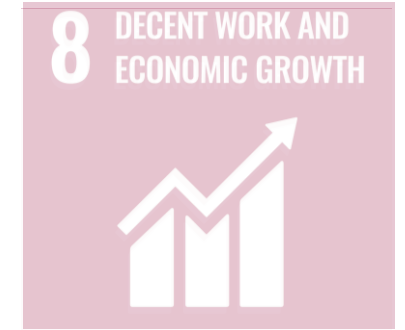
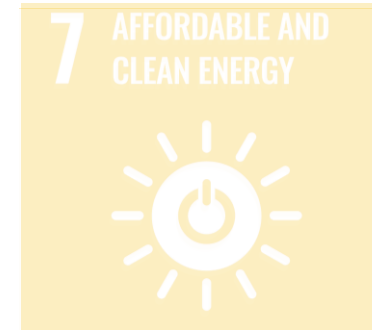
Communicating your international influence.

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.

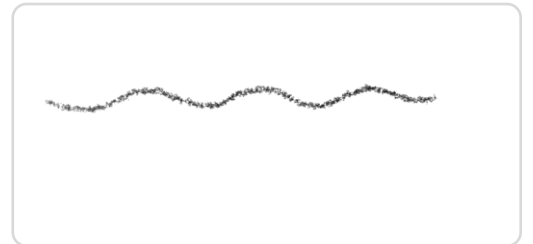
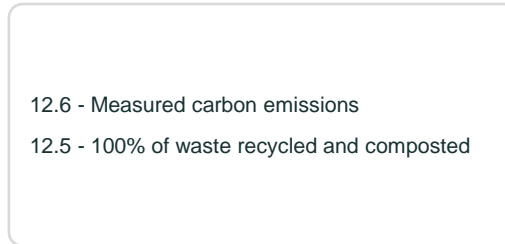
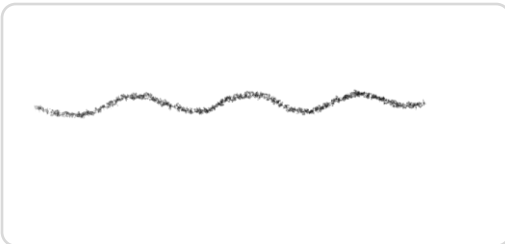
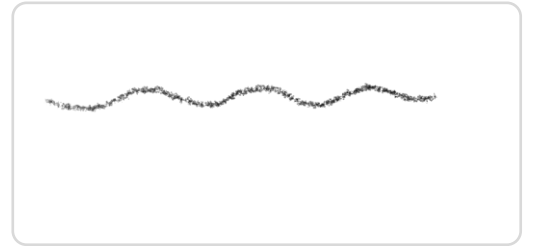
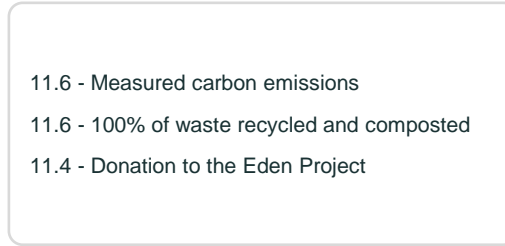
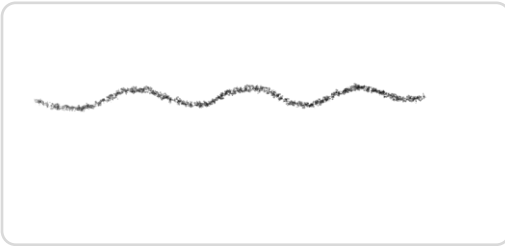
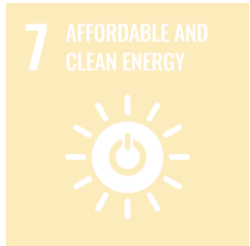
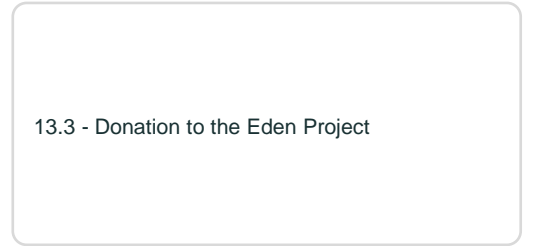
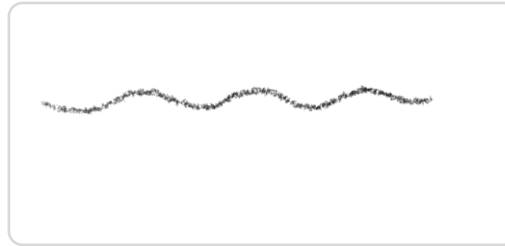
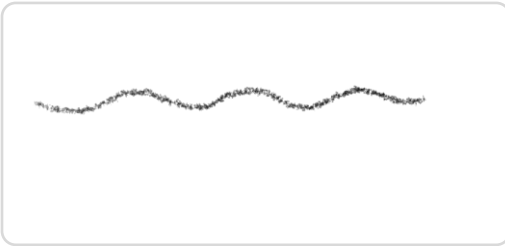
Contributing towards

3 SDGs



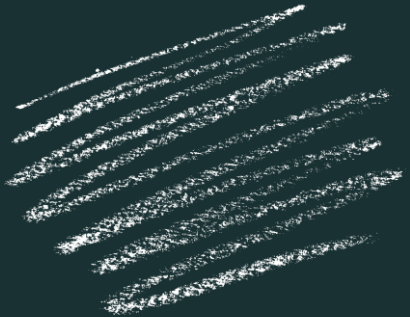


SDG alignment.





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



Current										
01 January 2023 to 31 December 2023					01 January 2024 to 31 December 2024					
Source	Scope	Unit	Amount	tCO ₂ e	Amount	tCO ₂ e	tCO ₂ e normalised	% Change in tCO ₂ e from previous year	% total carbon footprint	% Change in amounts from previous year
Buildings										
Diesel Fuel	1	litres	22.7	0.1	-	-	0.0	-	-	-
Electricity (market based)	2	kWh	24,729.2	8.1	27,130.6	5.8	5.8	-29%	18%	10%
Electricity (location based)	2	kWh	24,729.2	8.2	27,130.6	5.8	5.8	-30%	-	10%
Transmission and Distribution Losses	3	kWh	24,729.2	0.4	27,130.6	0.3	0.3	-20%	1%	10%
Procurement										
Paper Primary Content	3	tonnes	0.1	0.1	0.8	1.1	1.1	928%	4%	599%
Travel										
Fleet Petrol Car	1	km	7,197.0	2.0	7,197.0	1.7	1.7	-15%	5%	0.0%
Air Travel	3	passenger.km	114,368.0	9.1	108,836.9	8.7	8.7	-5%	27%	-5%
Average Car	3	km	-	-	722.6	0.1	0.1	-	0.4%	-
Electric Car	3	km	115.9	0.01	19.0	0.001	0.001	-88%	0.003%	-84%
Hotel	3	Room per night	-	-	164.0	2.6	0.0	-	8%	-
Hybrid Car	3	km	256.3	0.03	836.9	0.1	0.1	353%	0.4%	226%
Petrol Car	3	km	25,572.2	4.6	48,326.3	11.5	11.5	148%	36%	89%
Rail Travel	3	passenger.km	-	-	51.5	0.001	0.001	-	0.005%	-
Taxi	3	km	1,232.4	0.3	0	0	0.0	-100%	0.0%	-100%
Van	3	km	680.8	0.1	-	-	0.0	-	-	-
Waste										
Recycled	3	tonnes	-	-	0.01	0.00004	0.0	-	0.01%	-
Water										
Water Supply	3	cubic metres	-	-	0	0	0.0	-	0.0%	-
Water Treatment	3	cubic metres	-	-	0	0	0.0	-	0.0%	-

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

Current					
		01 January 2023 to 31 December 2023	01 January 2024 to 31 December 2024		
Source	Unit	tCO ₂ e	tCO ₂ e	tCO ₂ e normalised	% Change in tCO ₂ e from previous year
Market Based					
Total	tCO ₂ e	24.8	31.9	29.3	18%
No. employees	Number	36.1	36.3	36.3	
Total per employee	tCO ₂ e	0.7	0.9	0.8	17%
Turnover £m	£m	139.3	132.0	132.0	
Total per £m	tCO ₂ e	0.2	0.2	0.2	25%
Total floor space	m ²	1,582.0	1,582.0	1,582	
Building emissions per m ²	tCO ₂ e	0.01	0.004	0.004	-29%
Location Based					
Total	tCO ₂ e	24.9	31.9	29.3	18%
No. employees	Number	36.1	36.3	36.3	
Total per employee	tCO ₂ e	0.7	0.9	0.8	17%
Turnover £m	£m	139.3	132.0	132.0	
Total per £m	tCO ₂ e	0.2	0.2	0.2	24%
Total floor space	m ²	1,582.0	1,582.0	1,582	
Building emissions per m ²	tCO ₂ e	0.01	0.004	0.004	-30%

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About this report – General.

Company Name	Jac. Vandenberg
Sector	FMCG
Reporting Period	01 January 2024 to 31 December 2024
Year Of Certification	3rd
Reporting Boundary	Tarrytown NY HQ, Gloucester City NJ, Carson CA
Emission sources included	Electricity, Transmission and Distribution Losses, Business Travel, Fleet Travel, Homeworking (not included in total footprint), Paper, Waste, Water
Total FTE Employees (annual average no.)	36
Total Internal Floorspace (m²)	1,582
Data Collection Lead	John Paap, jpaap@jacvandenberg.com , Manager & Gwendolyn Graham, ggraham@jacvandenberg.com , Food Safety/Sustainability Specialist
Significant reporting changes	None
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	Elizabeth Champion, Junior Data Analyst, Planet Mark
Checked by	Jamie Beevor, Head of Technical, Planet Mark Alex Smith, Technical Consultant, Planet Mark
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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 and secondary sources - estimated and invoices	Actual meter reads and estimated with extrapolation	Please refer to the adjusted data slide(s) for details of extrapolation.	Tarrytown NY HQ, Gloucester City NJ, Carson CA
					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 Tarrytown NY HQ's specific electricity supply fuel mix as published on your supplier's website for electricity supplied in the period April 2022 to March 2023 and residual fuel mix 2022/23 (as no information on your specific supplier fuel mix was available for your Gloucester City NJ and Carson CA sites).	
					Electricity consumption for the Gloucester City NJ and Carson CA sites was estimated using an average kWh per m2 calculation based on the kWh consumption at the Tarrytown NY HQ site.	
Natural Gas	1	Not measured	Not measured	Not measured	None of Jac. Vandenberg's three sites have gas bills, as declared by Jac Vandenberg.	Tarrytown NY HQ, Gloucester City NJ, Carson CA
Building Fuel	1	Not measured	Not measured	Not measured	There was no Gas Oil/Red Diesel for this reporting period as there was no refill required for the generator during this reporting period.	Tarrytown NY HQ, Gloucester City NJ, Carson CA

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
Water Supply & Treatment	3	Not measured	Not measured	Not measured	None of Jac. Vandenberg's three sites have water bills, as declared by Jac Vandenberg.	Tarrytown NY HQ, Gloucester City NJ, Carson CA
Homeworking Energy	3	kWh	Secondary sources - Planet Mark homeworking energy calculation tool and data submission	Estimated	<p>US homeworking energy consumption is calculated for each Census Division. Heating energy consumption in each month is derived from a Planet Mark degree day analysis using weighted average heating energy demand for gas and electrically heated homes in the relevant Census Division. Monthly electricity consumption takes into account the electricity needed for a home office plus some other ancillary demand along with a cooling degree day analysis for air conditioning demand in the Census Division. Appropriate regional electricity emission factors sourced from the Environmental Protection Agency are applied.</p> <p>Where the business has a physical office, homeworking utility emissions are calculated but not included in the Total Carbon Footprint figure.</p>	Tarrytown NY HQ, Gloucester City NJ, Carson CA
Fleet Vehicles	1	km	Primary source - mileage report	Actual	None	Tarrytown NY HQ, Gloucester City NJ, Carson CA
Private Vehicles Used for Business	3	km	Primary source - expenses	Actual	None	Tarrytown NY HQ, Gloucester City NJ, Carson CA

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
Air Travel	3	pkm	Primary source - expenses	Actual	None	Tarrytown NY HQ, Gloucester City NJ, Carson CA
Rail Travel	3	pkm	Primary source - expenses	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.	Tarrytown NY HQ, Gloucester City NJ, Carson CA
Taxi Travel	3	km	Primary source - expenses	Actual	Jac Vandenberg have confirmed that emissions from taxi journeys are included under specific vehicle fuel type breakdowns in an effort to prioritise using Electric and Hybrid vehicles for Business Travel.	Tarrytown NY HQ, Gloucester City NJ, Carson CA
Hotel	3	room per night	Secondary source - data submission	Actual	Jac. Vandenberg declared that there was a total of 164 nights in hotels over this reporting period.	Tarrytown NY HQ, Gloucester City NJ, Carson CA
Waste	3	tonnes	Secondary source - data submission	Mixed	None	Tarrytown NY HQ, Gloucester City NJ, Carson CA
Procurement - Paper	3	tonnes	Primary source - invoices	Actual	None	Tarrytown NY HQ, Gloucester City NJ, Carson CA

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).	Tarrytown NY HQ, Gloucester City NJ, Carson CA
Turnover		£m	Primary source - note from finance director	Assumed Actual	Turnover figure is recorded in USD, not GDP.	Tarrytown NY HQ, Gloucester City NJ, Carson CA
Floor Area		m²	Secondary source - data submission form	Assumed Actual	None	Tarrytown NY HQ, Gloucester City NJ, Carson CA
Normalisation					Emissions from Waste and Emissions from Hotel Stays were normalised from footprint as they were reported on for the first time in 2024.	Tarrytown NY HQ, Gloucester City NJ, Carson CA

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	1	Boundary excludes many relevant sources of the organisation’s scope 1 and 2 emissions for the studied period. (e.g. less than 50% of organisational activity included).
Data completeness	1	Less than 6 months of data provided for all or most sources measured, prompting data exclusions.
Transparency	2	Partial disclosure of assumptions and/or little original evidence provided. (e.g. transparency on the source of at least 50% of data submitted).
Data accuracy	2	Use of secondary data sources and/or estimated data for at least 50% of sources measured.
Consistency	2	Reasonably consistent data provision and/or no documentation of changes made.
Total Score	8 out of 20	

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

- To provide Electrical consumption data and corresponding primary evidence of this for all 3 sites over the reporting period.



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	2	At least 67% of data provided for the majority of categories measured (e.g. at least 50%).
Transparency	2	Partial disclosure of assumptions and/or little original evidence provided. (e.g. transparency on the source of at least 50% of data submitted).
Data accuracy	2	Use of actual data for most categories with some estimated data (e.g. at least 50% actual data).
Consistency	2	Reasonably consistent data provision and/or no documentation of changes made.
Total Score	10 out of 20	

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

- To provide evidence of Water consumption data and corresponding primary evidence of this for all 3 sites over the reporting period.
- To report on more material Scope 3 categories within your organisational control.



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
Electricity	2 and 3	Tarrytown NY HQ	Invoices	Actual meter reads	23-01-2024	21-02-2024	30	01-01-2024	21-02-2024	52	Extrapolation
Electricity	2 and 3	Tarrytown NY HQ	Invoices	Actual meter reads	22-11-2024	26-12-2024	35	22-11-2024	31-12-2024	40	Extrapolation



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.

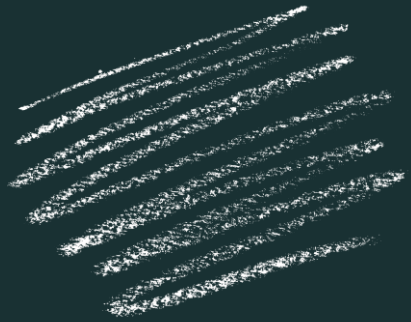
Waste

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.

A BRIGHTER future.



THANK YOU

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