

Business Certification

Jac. Vandenberg

YEAR 1

01 January 2022 to 31 December 2022



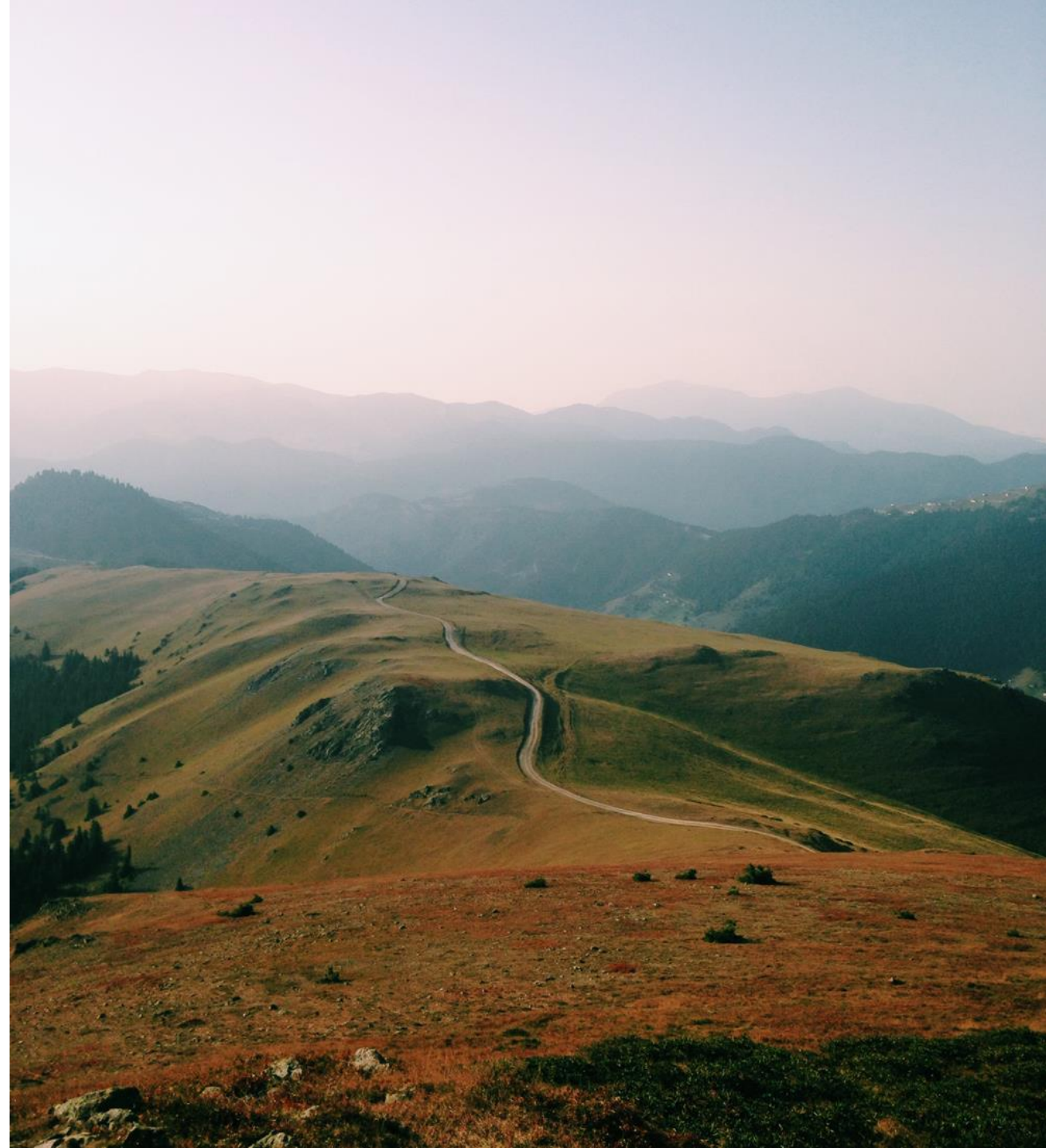
Measure



Engage



Communicate





Measured carbon EMISSIONS

17.7
tCO₂e measured emissions

Measured emissions equivalent to
16 flights from London to New York

0.5
tCO₂e per employee



Buildings

7.7 tCO₂e

Used enough electricity to power 7 UK homes for one year



Travel

9.3 tCO₂e

Travelled 2 times around the world



Waste

N/A



Water

N/A



Procurement

0.7 tCO₂e

0 sheets of paper used per day



Homeworking

18.4 tCO₂e

Used enough energy to power 5 UK homes for one year



Step one.

MEASURE





Measured carbon footprint.

Location *BASED*

Reporting year:

01 January 2022 to 31 December 2022

Reporting Boundary:

Tarrytown NY HQ, Gloucester City NJ, Carson CA

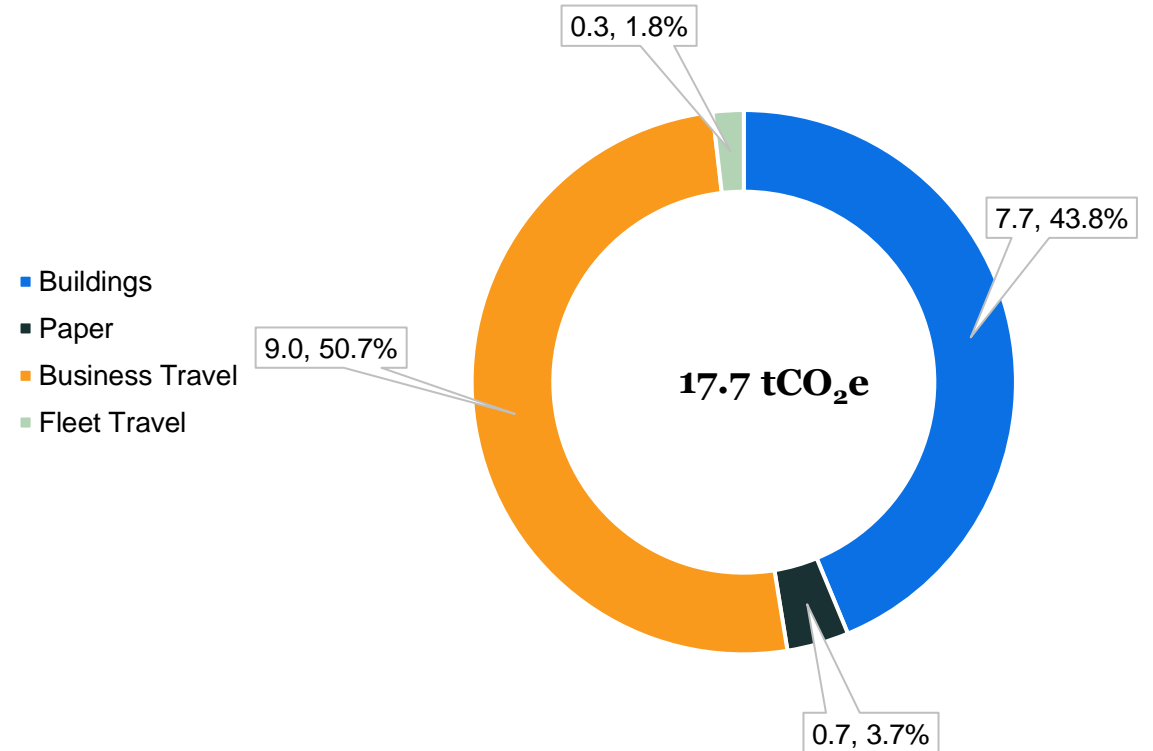
Emissions measured:

Electricity, T&D Losses, Other Fuels, Business Travel, Paper, Fleet, Homeworking (excluded from footprint)

Highlights:

Carbon footprint (tCO₂e): **17.7**
Per employee (tCO₂e): **0.5**
Next reduction target: **5%**
Data quality score: **11 out of 16**

Carbon footprint by emission source for year ending 2022, 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.

Market *BASED*

Reporting year:

01 January 2022 to 31 December 2022

Reporting Boundary:

Tarrytown NY HQ, Gloucester City NJ, Carson CA

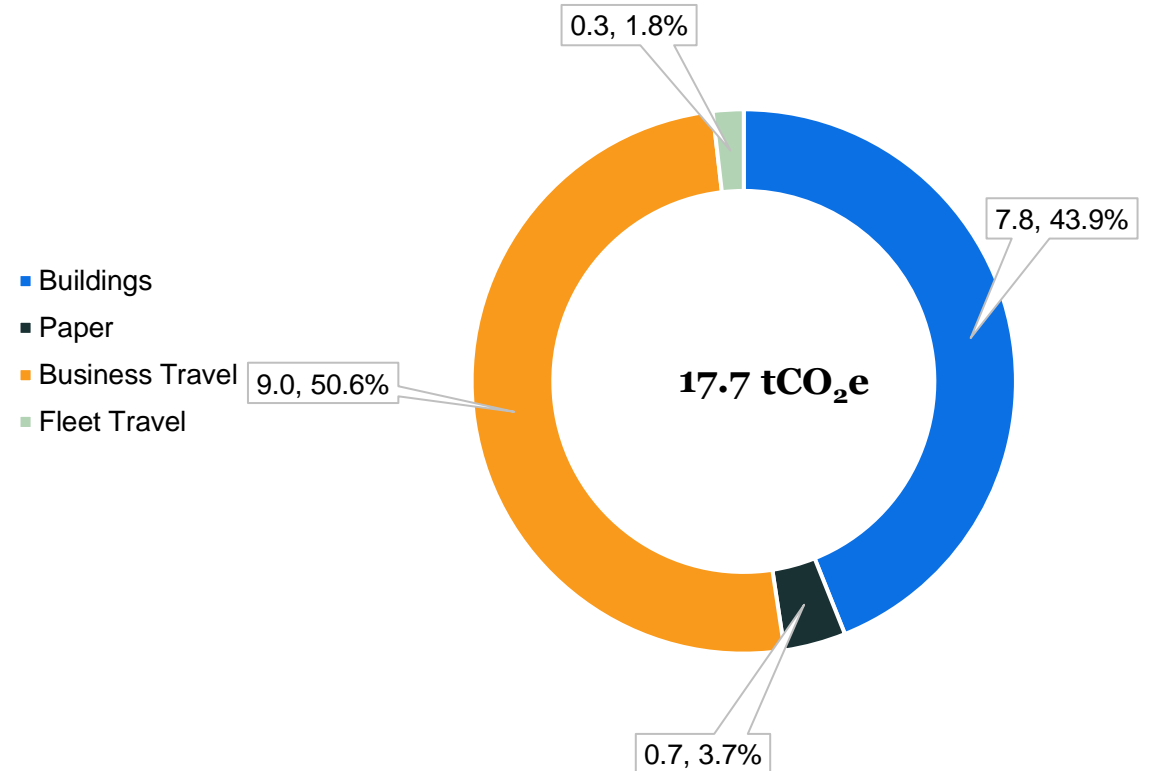
Emissions measured:

Electricity, T&D Losses, Other Fuels, Business Travel, Paper, Fleet, Homeworking (excluded from footprint)

Highlights:

Carbon footprint (tCO₂e): **17.7**
Per employee (tCO₂e): **0.5**
Next reduction target: **5%**
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Carbon footprint by emission source for year ending 2022, 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).

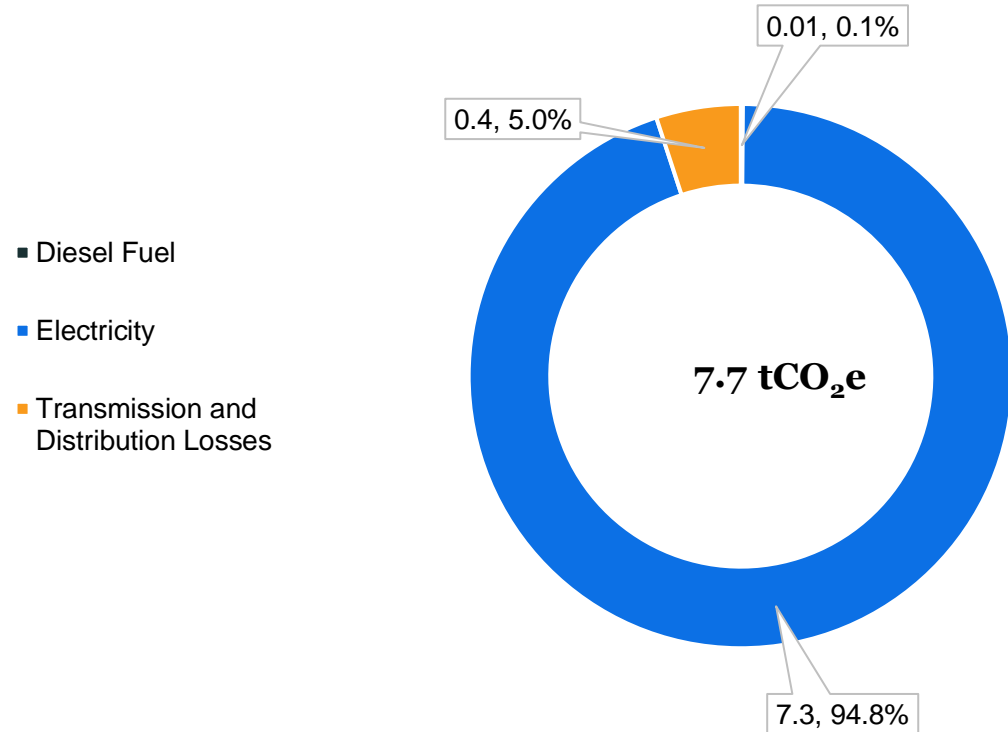


Carbon footprint.

BUILDINGS

Buildings	tCO ₂ e	%
Diesel Fuel	0.01	0.1
Electricity	7.3	94.8
Transmission and Distribution Losses	0.4	5.0
Total	7.7	100.0

Buildings emissions for year ending 2022, tCO₂e



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

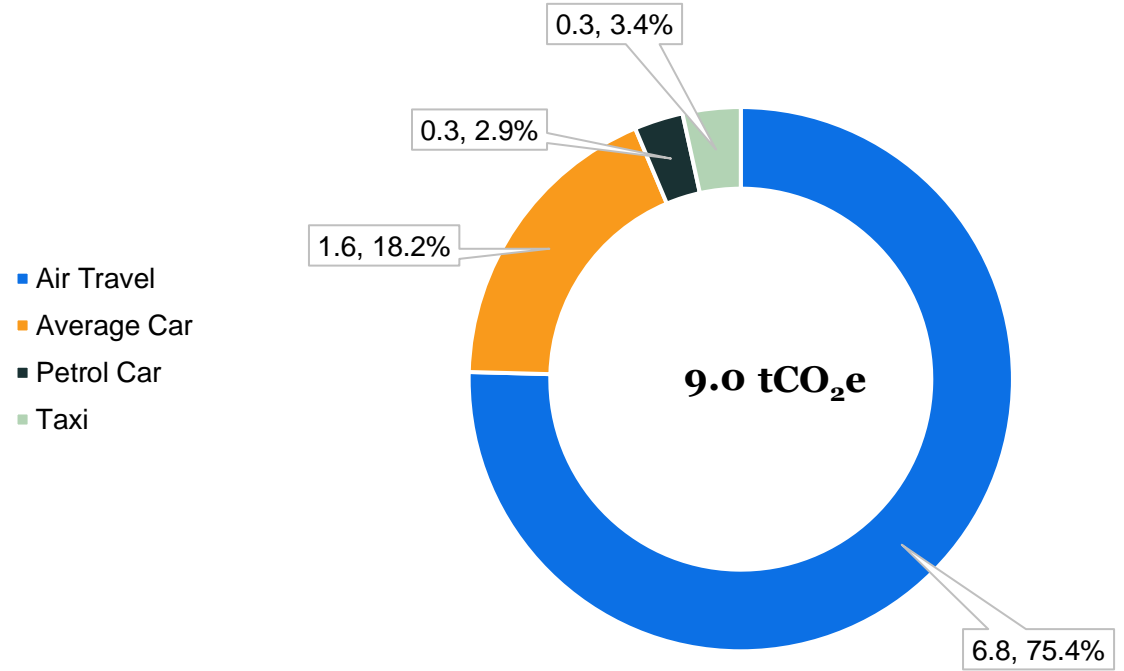


Carbon footprint.

Business TRAVEL

Business Travel	tCO ₂ e	%
Air Travel	6.8	75.4
Average Car	1.6	18.2
Petrol Car	0.3	2.9
Taxi	0.3	3.4
Total	9.0	100.0

Business travel emissions for year ending 2022, tCO₂e



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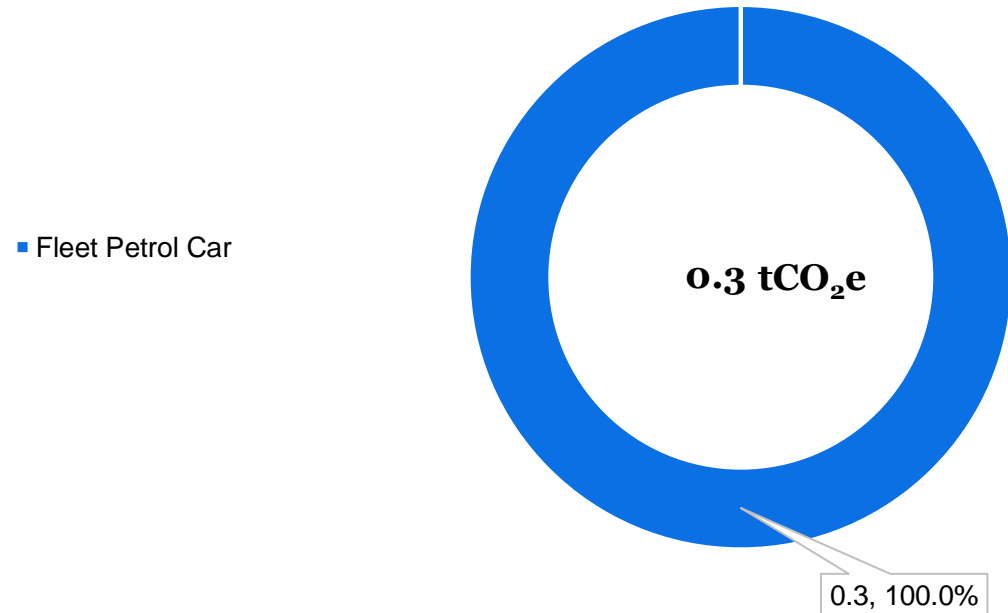


Carbon footprint.

Fleet TRAVEL

Fleet Travel	tCO₂e	%
Fleet Petrol Car	0.3	100.0
Total	0.3	100.0

Fleet travel emissions for year ending 2022, tCO₂e



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

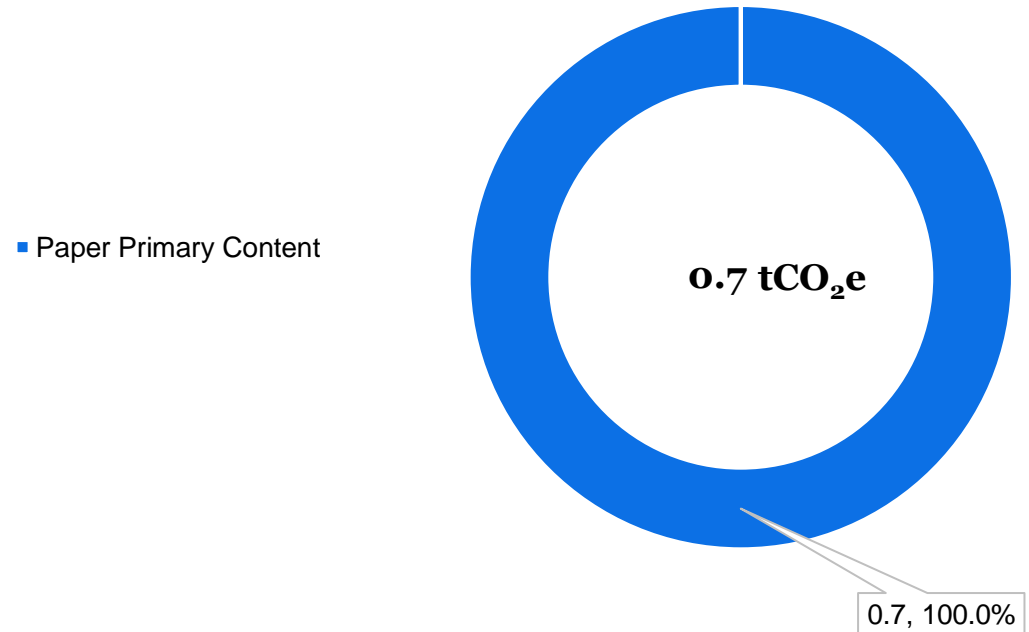


Carbon footprint.

PROCUREMENT

Paper	tCO ₂ e	%
Paper Primary Content	0.7	100.0
Total	0.7	100.0

Procurement emissions for year ending 2022, tCO₂e



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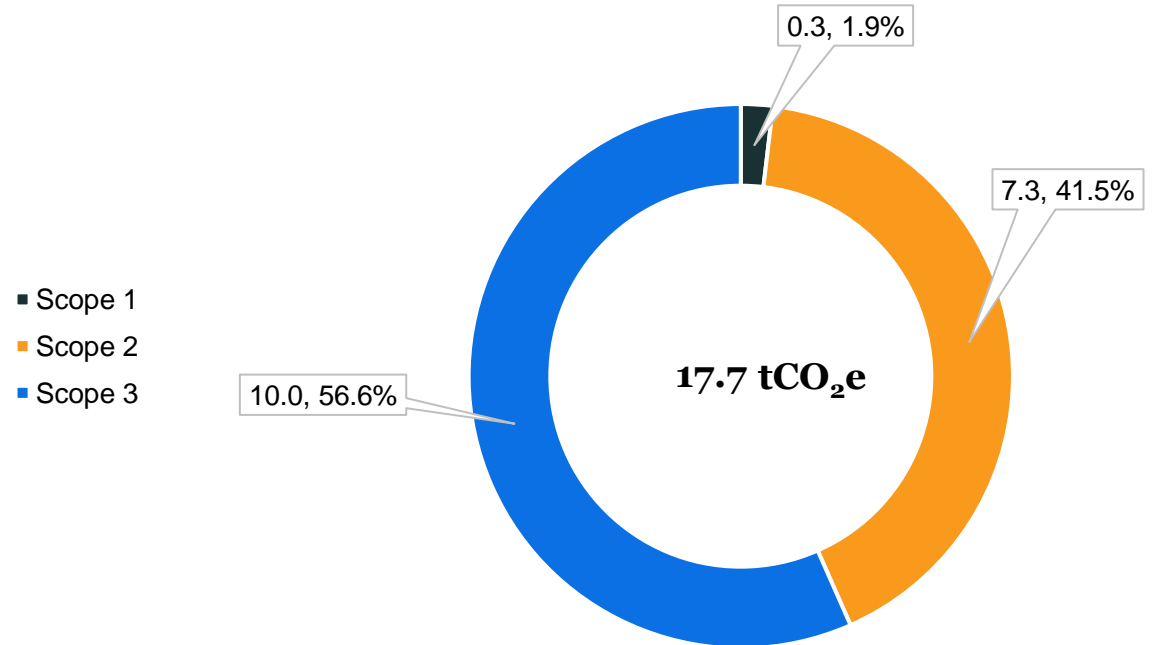


Measured carbon footprint.

BY SCOPE

Scope	tCO ₂ e	%
Scope 1	0.3	1.9
Scope 2	7.3	41.5
Scope 3	10.0	56.6
Total	17.7	100.0

Measured carbon emissions by scope for year ending 2022, tCO₂e



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



Carbon footprint.

HOME OFFICE

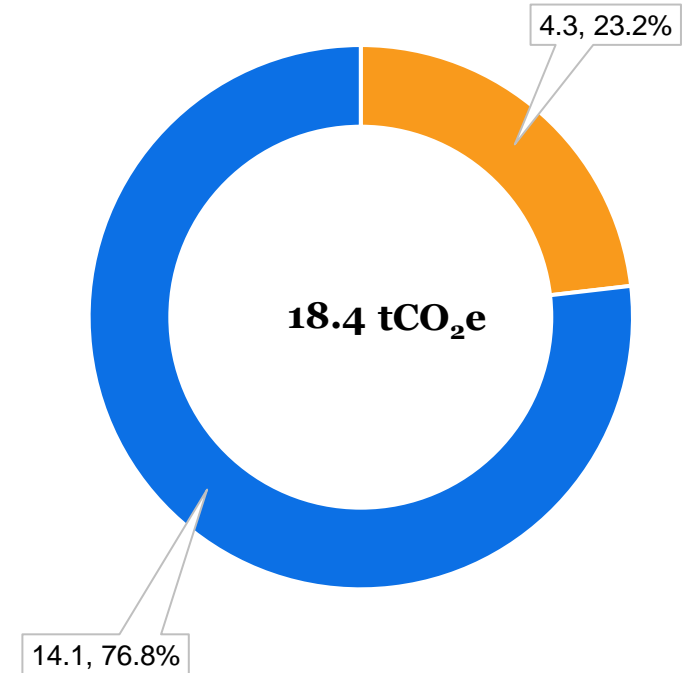
Notes:

- 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	23.2
Heat	14.1	76.8
Total	18.4	100.0

Homeworking emissions for year ending 2022, tCO₂e

- Electricity
- Heat



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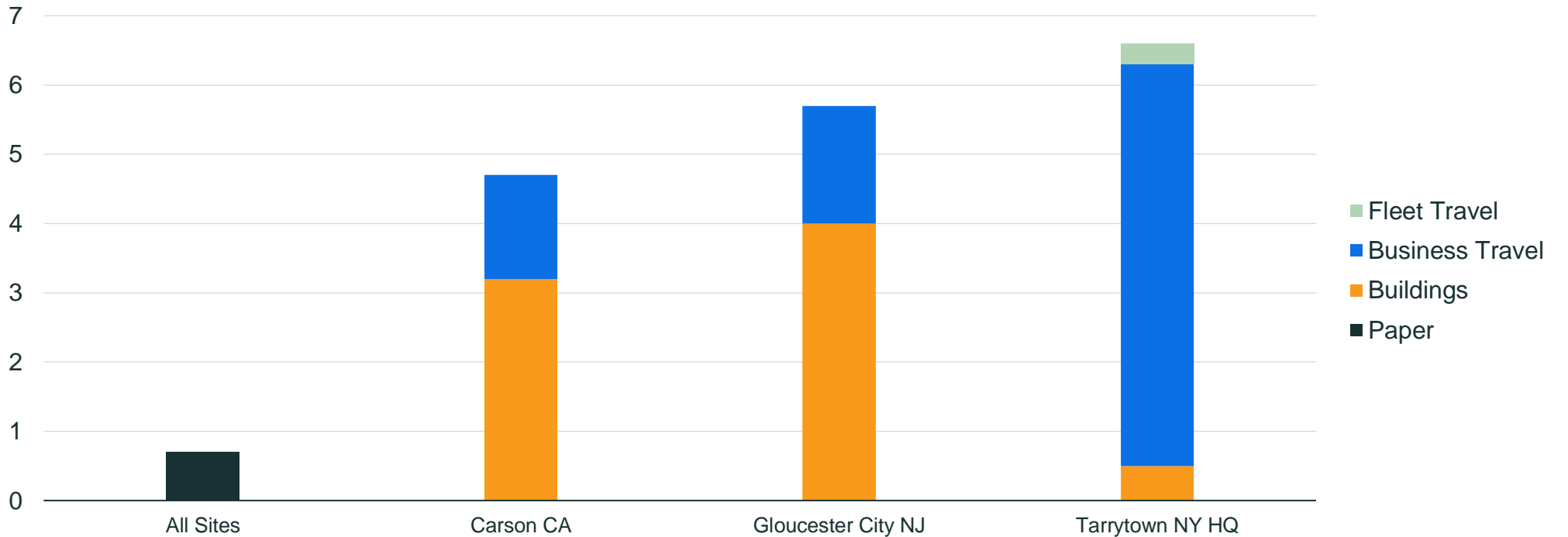
Carbon footprint.

BY LOCATION

Carbon footprint for each location

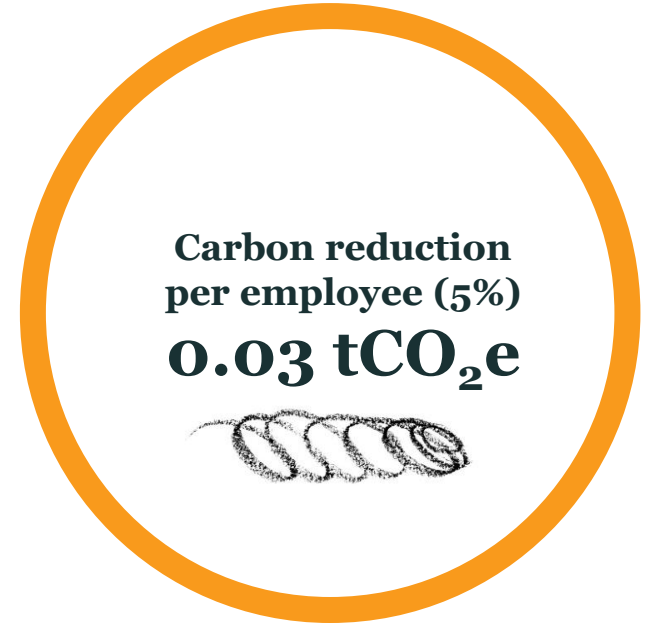
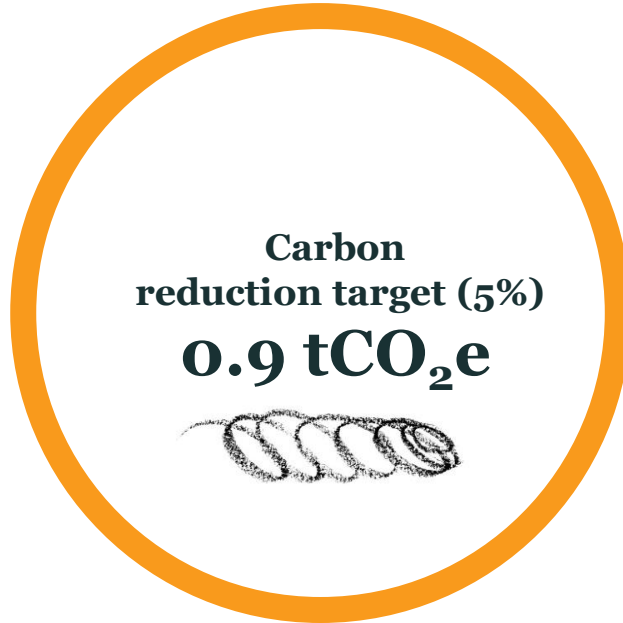
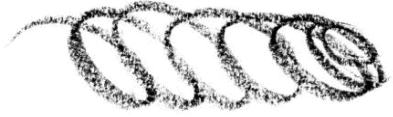
tCO₂e

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





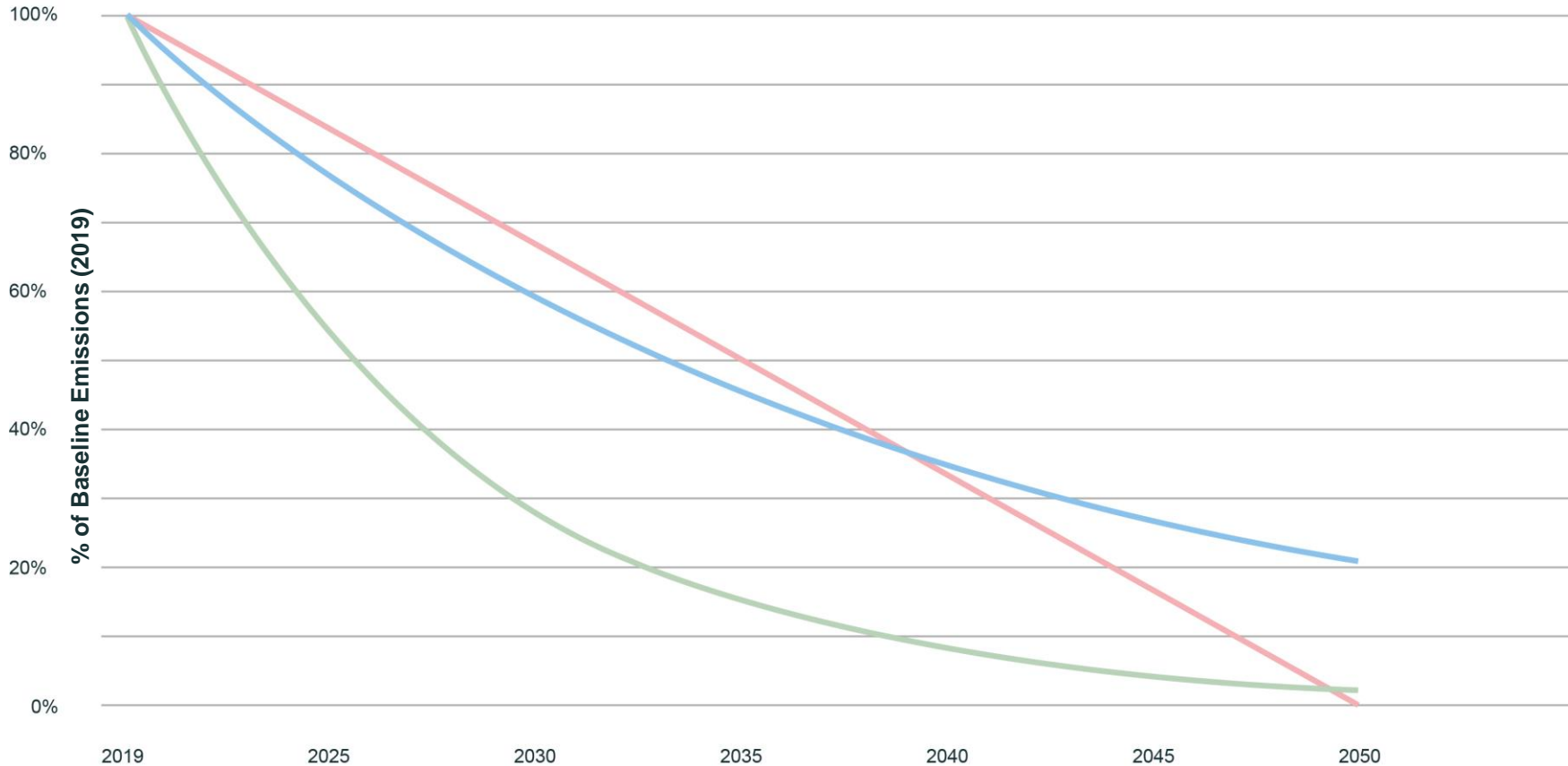
Looking ahead Targets for next year.





Target setting.

A Decade of Action: Pathways to Net Zero through varying emissions reduction trajectories



Planet Mark 5% annual reduction

- 5% year on year reduction is the minimum annual reduction recommended by the Planet Mark.

Planet Mark 12% annual reduction

- 12% year on year reduction is based on the mean average reduction achieved by the Planet Mark holders in Ye2019.
- A 12% year on year reduction from a 2019 baseline will set you on track to meet the UK target Net Zero by 2050.

Net Zero 2050



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.

One virtual 1h sustainability workshop is included with your Certification.

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.



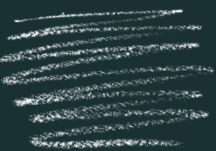
The Eden Project

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.





Cool Earth

PARTNERSHIP

Protecting our rainforests is one of our best lines of defence against climate change.

- Cool Earth is helping rainforest communities to protect nearly 100,000 hectares of biodiversity rich rainforest across three continents.
- Behind this huge milestone are thousands of families whose futures have been transformed.

COOL EARTH





Step three.

COMMUNICATE





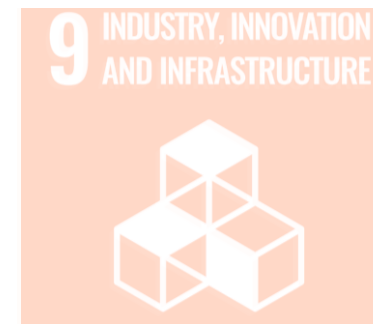
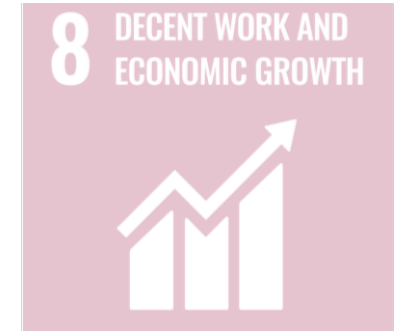
Communicating your international influence.

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

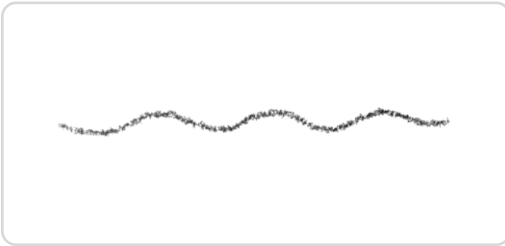




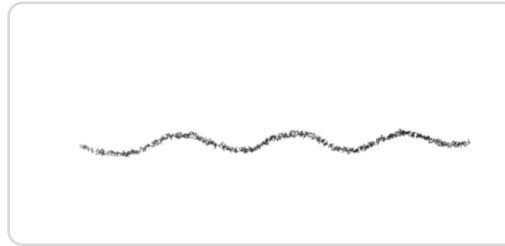
SDG alignment.



6 CLEAN WATER AND SANITATION



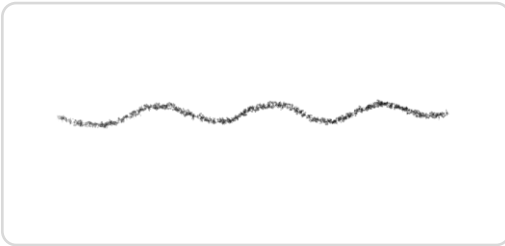
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



13 CLIMATE ACTION

13.3 - Donation to the Eden Project

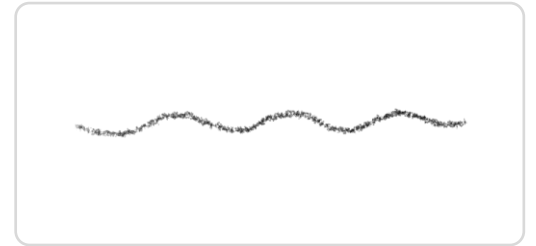
7 AFFORDABLE AND CLEAN ENERGY



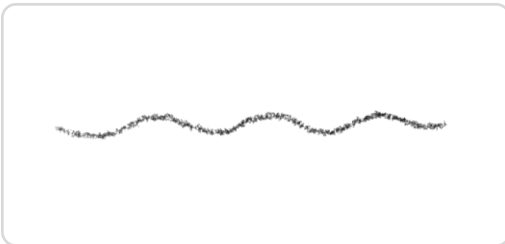
11 SUSTAINABLE CITIES AND COMMUNITIES

11.6 - Measured carbon emissions
11.4 - Donation to the Eden Project

14 LIFE BELOW WATER



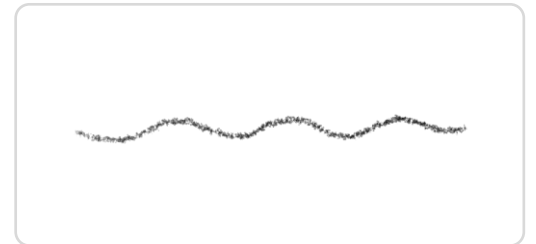
8 DECENT WORK AND ECONOMIC GROWTH



12 RESPONSIBLE CONSUMPTION AND PRODUCTION

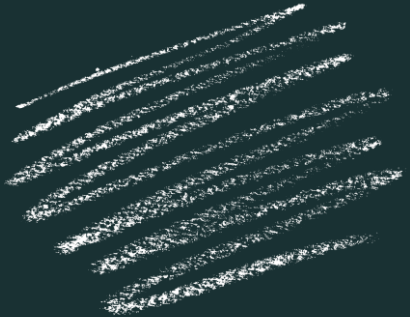
12.6 - Measured carbon emissions

15 LIFE ON LAND





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. Join our online community

Planet Mark online community platform: If you haven't already, invite your team to join our exclusive member-only community platform, where you can check out inspirational initiatives to implement in your own organisation and collaborate with other Planet Mark Members. Join [here](#).

3. Use our toolkits & resources

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

4. 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!

5. 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 2022 to 31 December 2022		
Source	Scope	Unit		Amount	tCO ₂ e	% total carbon footprint
Buildings						
Diesel Fuel	1	litres		3.8	0.01	0.1%
Electricity (location based)	2	kWh		27,477.6	7.3	41%
Electricity (market based)	2	kWh		27,477.6	7.4	-
Transmission and Distribution Losses	3	kWh		27,477.6	0.4	2%
Procurement						
Paper Primary Content	3	tonnes		0.7	0.7	4%
Travel						
Fleet Petrol Car	1	km		1,174.8	0.3	2%
Air Travel	3	passenger.km		83,243.3	6.8	38%
Average Car	3	km		7,661.4	1.6	9%
Petrol Car	3	km		941.5	0.3	1%
Taxi	3	km		1,445.7	0.3	2%
Location Based						
Total			tCO ₂ e		17.7	
No. employees			Number		32.8	
Total per employee			tCO ₂ e		0.5	
Turnover £m			£m		129.4	
Total per £m			tCO ₂ e		0.1	
Total floor space			m ²		1,582.0	
Building emissions per m²			tCO ₂ e		0.005	
Market Based						
Total			tCO ₂ e		17.7	
No. employees			Number		32.8	
Total per employee			tCO ₂ e		0.5	
Turnover £m			£m		129.4	
Total per £m			tCO ₂ e		0.1	
Total floor space			m ²		1,582.0	
Building emissions per m²			tCO ₂ e		0.005	

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	Jac. Vandenberg
Sector	FMCG
Reporting Period	01 January 2022 to 31 December 2022
Year Of Certification	1st
Reporting Boundary	Tarrytown NY HQ, Gloucester City NJ, Carson CA
Emission sources included	Electricity, T&D Losses, Other Fuels, Business Travel, Paper, Fleet, Homeworking (excluded from footprint)
Total FTE Employees (annual average no.)	33
Total Internal Floorspace (m²)	1,582
Data Collection Lead	John Paap, ipaap@jacvandenberg.com Manager
Current Conversion Factor	BEIS 2022; EPA
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	Matthew Sumners, Sustainability Consulting Manager, Planet Mark
Checked by	Jamie Beevor, Head of Technical, Planet Mark Alex Smith, Technical Consultant, Planet Mark
Date	19 May 2023



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 source - invoices	Actual meter reads with some extrapolation to match reporting period	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).	Tarrytown NY HQ, Gloucester City NJ, Carson CA
					Your scope 2 electricity emissions are reported in two ways; using the location-based method and the market-based method. Location-based electricity emissions have been calculated using carbon emission factors for average national or sub-national grid electricity and market-based electricity emissions have been calculated using an average residual mix emissions factor.	
					Consumption for Gloucester City and Carson were estimated from Tarrytown NY using floorspace as no data could be provided. Jac. Vandenberg has confirmed all operations are office based and similar.	
Natural Gas	1				It was confirmed by the client that there is a natural gas supply at the office, however the landlord will not provide details of usage so there is no sufficient information to use.	Tarrytown NY HQ, Gloucester City NJ, Carson CA
Building Fuel	1	litres	Primary source - invoices	Actual	It is confirmed that only 1 gallon of fuel was purchased during the reporting period.	Tarrytown NY HQ, Gloucester City NJ, Carson CA
Homeworking Energy	3	kWh	Secondary source - Planet Mark homeworking energy calculation tool	Estimated	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.	Tarrytown NY HQ, Gloucester City NJ, Carson CA
					Where the business has a physical office, homeworking utility emissions are calculated but not included in the Total Carbon Footprint figure.	

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). Do let us know if your electricity is from 100% renewable energy and we will provide dual reporting to show both market based and location based electricity emissions.



About this report – Caveats (ii).

Operational Boundary	Scope	Unit	Data Source	Data Accuracy	Comments, omissions, estimates or extrapolations	Organisational Boundary
Fleet Vehicles	1	km	Secondary source	Estimated	Measured in km. This has been estimated by Jac. Vandenberg based off number of trips and the distance. Actual consumption data was not available.	Tarrytown NY HQ, Gloucester City NJ, Carson CA
Private Vehicles Used for Business	3	km	Primary source - expense claims	Actual	Invoices of distance travelled provided via expense claims	Tarrytown NY HQ, Gloucester City NJ, Carson CA
Air Travel	3	pkm	Primary source - expense claims	Actual	Invoices of distance travelled provided via expense claims	Tarrytown NY HQ, Gloucester City NJ, Carson CA
Hire cars	3	km	Primary source - expense claims	Actual	Invoices of distance travelled provided via expense claims	Tarrytown NY HQ, Gloucester City NJ, Carson CA
Taxi Travel	3	km	Primary source - expense claims	Actual and estimated	Invoices of distance travelled provided via expense claims	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). Do let us know if your electricity is from 100% renewable energy and we will provide dual reporting to show both market based and location based electricity emissions.



About this report – Caveats (iii).

Operational Boundary	Scope	Unit	Data Source	Data Accuracy	Comments, omissions, estimates or extrapolations	Organisational Boundary
		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
		£m	Primary source - note from finance director	Assumed Actual	None	Tarrytown NY HQ, Gloucester City NJ, Carson CA
		m ²	Secondary source - data submission form	Assumed 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). Do let us know if your electricity is from 100% renewable energy and we will provide dual reporting to show both market based and location based electricity emissions.



About this report.

Data Quality.

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 2022 to 31 December 2022	Definition
Relevance of boundary	4	Boundary accurately reflects the entire business carbon footprint for the studied period. (eg 95% of organisational activity included)
Data completeness	2	At least 6 months of data provided for all or most sources.
Transparency	3	Majority disclosure of assumptions and/or some original evidence provided.
Data accuracy	2	Mainly use of secondary data sources and/or estimated data.
Total score	11 out of 16	

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

- Continue trying to obtain natural gas data from the landlord, particularly with natural gas being Scope 1 emissions.
- Aim to record fleet data more accurately – again fleet falls under Scope 1 so accurate data is ideal.



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

Get in touch

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