

Business Certification

Gander & White

YEAR 1

01 January 2021 to 31 December 2021



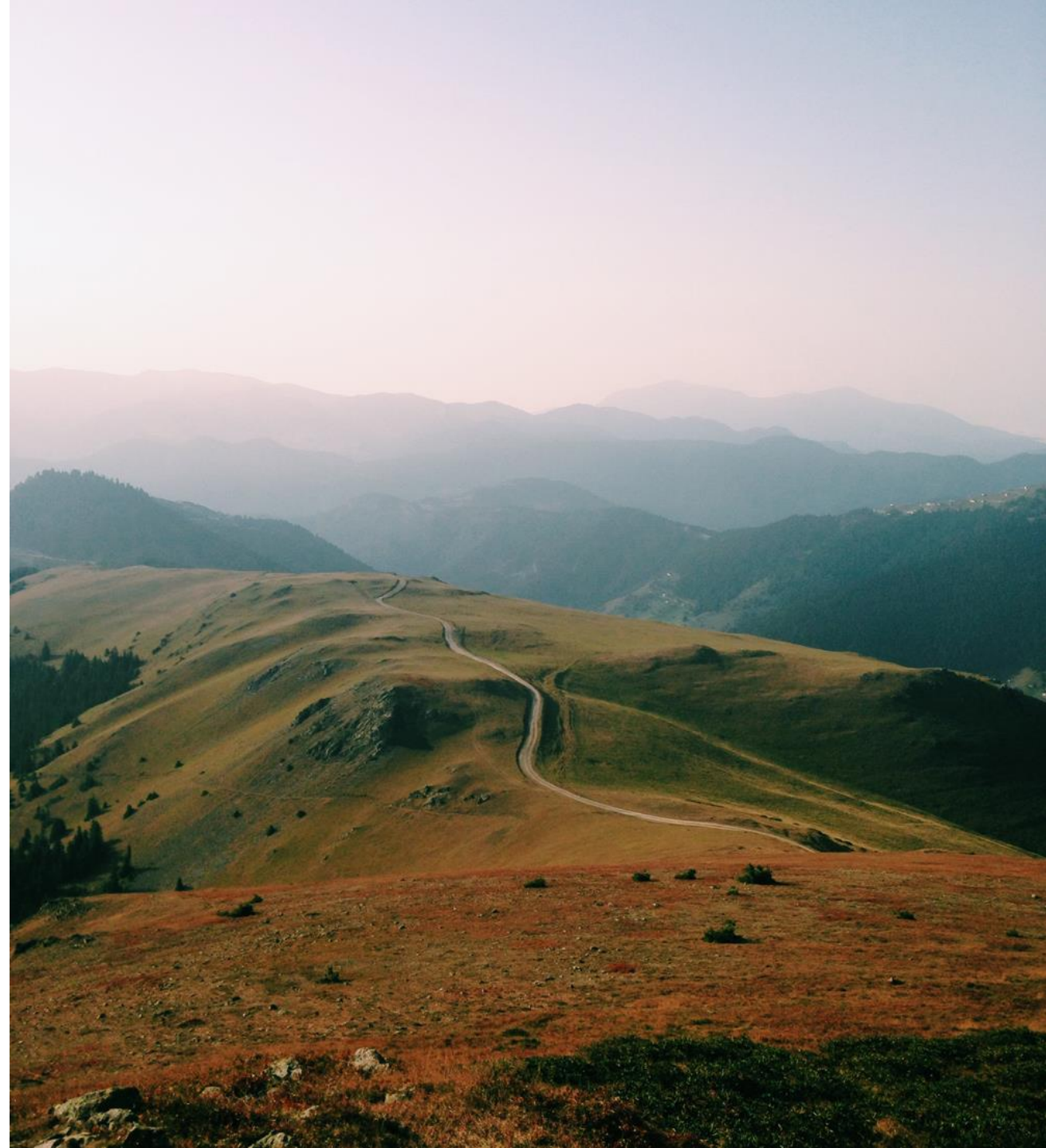
Measure



Engage



Communicate





Total carbon EMISSIONS

355.3
tCO₂e total emissions

Total emissions equivalent to
314 flights from London to New York

4.6
tCO₂e per employee



Buildings

200.4 tCO₂e

Used enough electricity to power **193** UK homes for one year



Travel

134.2 tCO₂e

Travelled **9** times around the world



Waste

19.1 tCO₂e

Produced waste that weighs the same as **16** London buses



Water

0.4 tCO₂e

58 litres per employee per day



Procurement

1.1 tCO₂e

1,272 sheets of paper used per day



Step one.

MEASURE





Total carbon footprint.

Location *BASED*

Reporting year:

01 January 2021 to 31 December 2021

Reporting Boundary:

UK & Paris operations

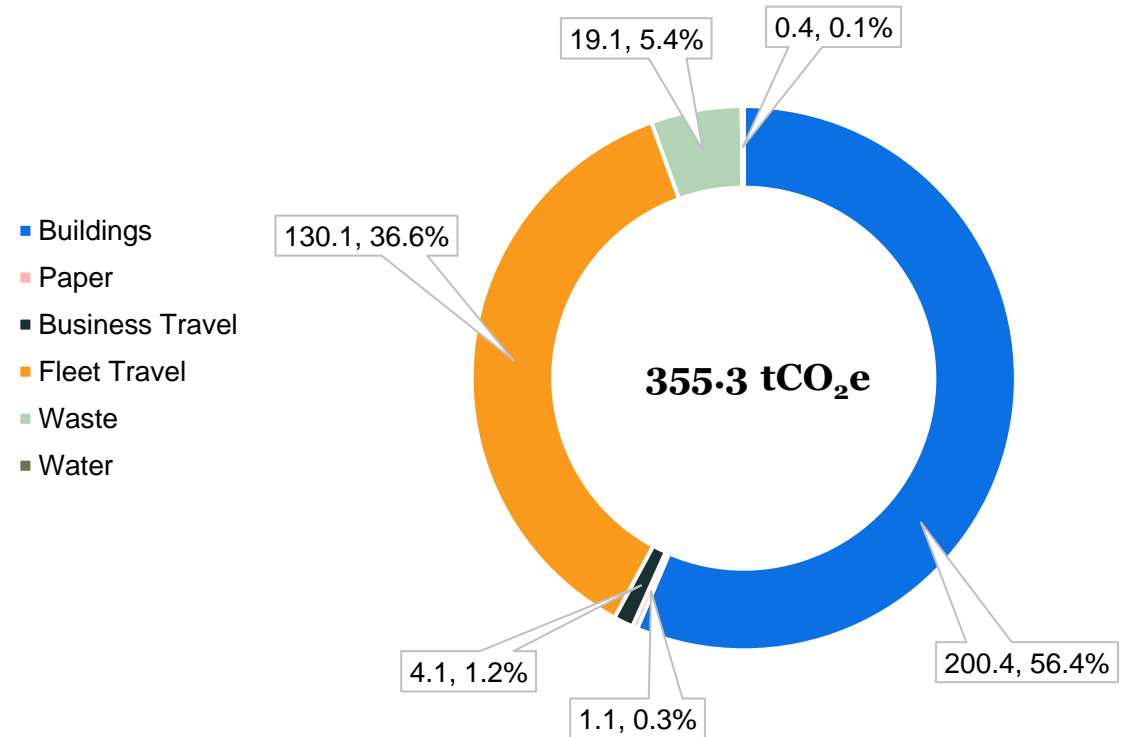
Emissions measured:

Electricity, T&D Losses, Natural Gas, Water, Fleet Travel, Business Travel, Waste, Paper

Highlights:

Carbon footprint (tCO₂e): **355.3**
Per employee (tCO₂e): **4.6**
Next reduction target: **5%**
Data quality score: **14 out of 16**

Carbon footprint by emission source for year ending 2021, 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).



Total carbon footprint.

Market *BASED*

Reporting year:

01 January 2021 to 31 December 2021

Reporting Boundary:

UK & Paris operations

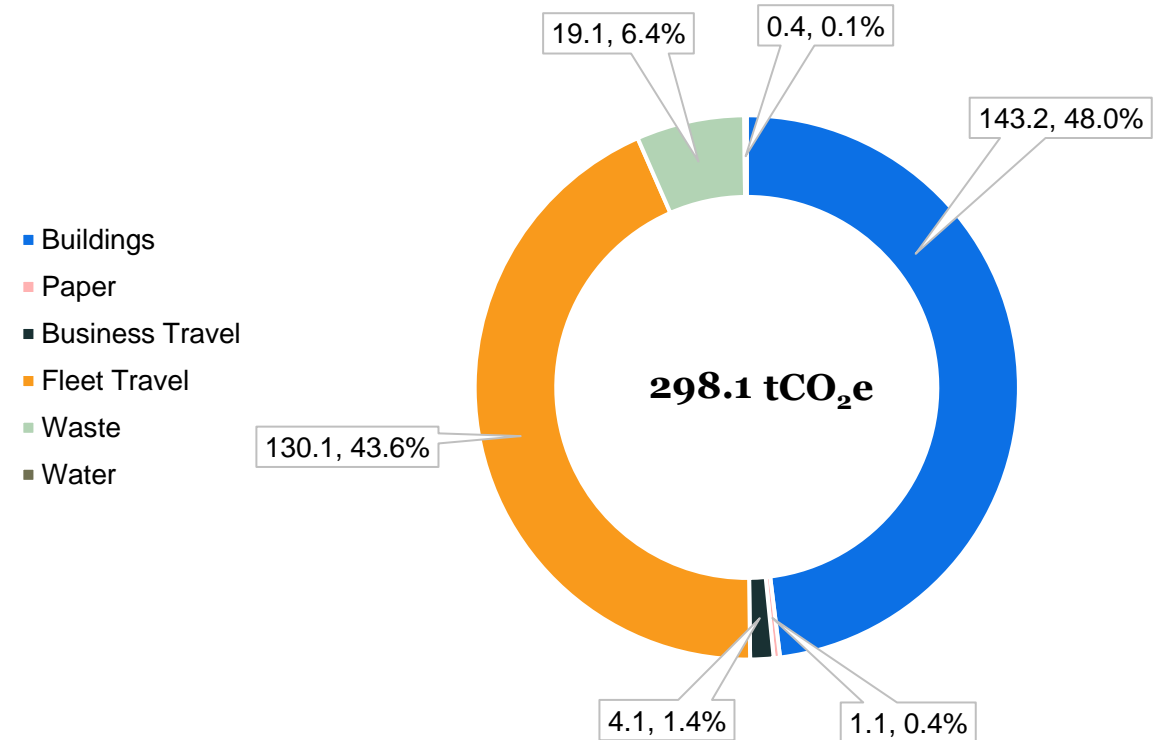
Emissions measured:

Electricity, T&D Losses, Natural Gas, Water, Fleet Travel, Business Travel, Waste, Paper

Highlights:

Carbon footprint (tCO₂e): **298.1**
Per employee (tCO₂e): **3.9**
Next reduction target: **5%**
Data quality score: **14 out of 16**

Carbon footprint by emission source for year ending 2021, 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).

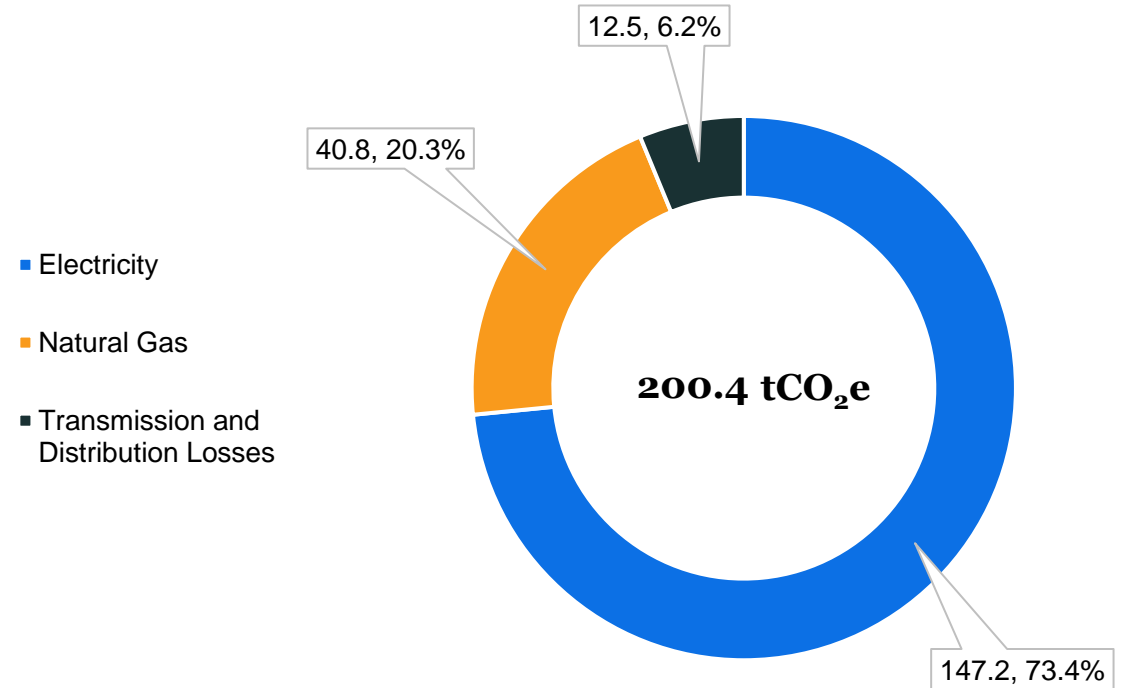


Carbon footprint.

BUILDINGS

Buildings	tCO ₂ e	%
Electricity	147.2	73.4
Natural Gas	40.8	20.3
Transmission and Distribution Losses	12.5	6.2
Total	200.4	100.0

Buildings emissions for year ending 2021, tCO₂e



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

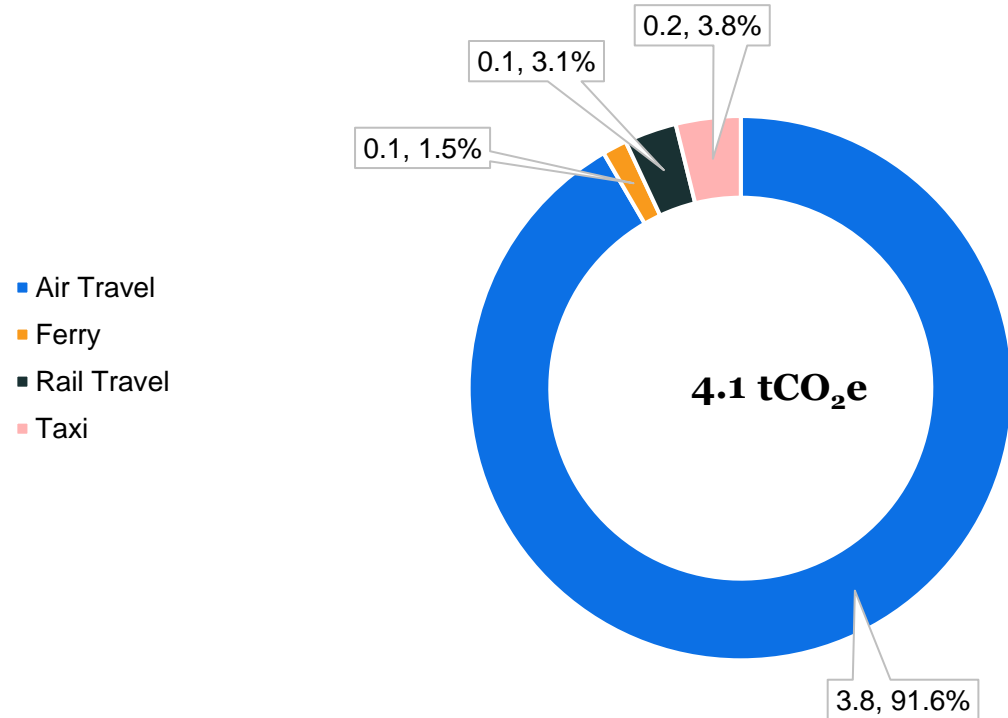


Carbon footprint.

Business TRAVEL

Business Travel	tCO ₂ e	%
Air Travel	3.8	91.6
Ferry	0.1	1.5
Rail Travel	0.1	3.1
Taxi	0.2	3.8
Total	4.1	100.0

Business travel emissions for year ending 2021, tCO₂e



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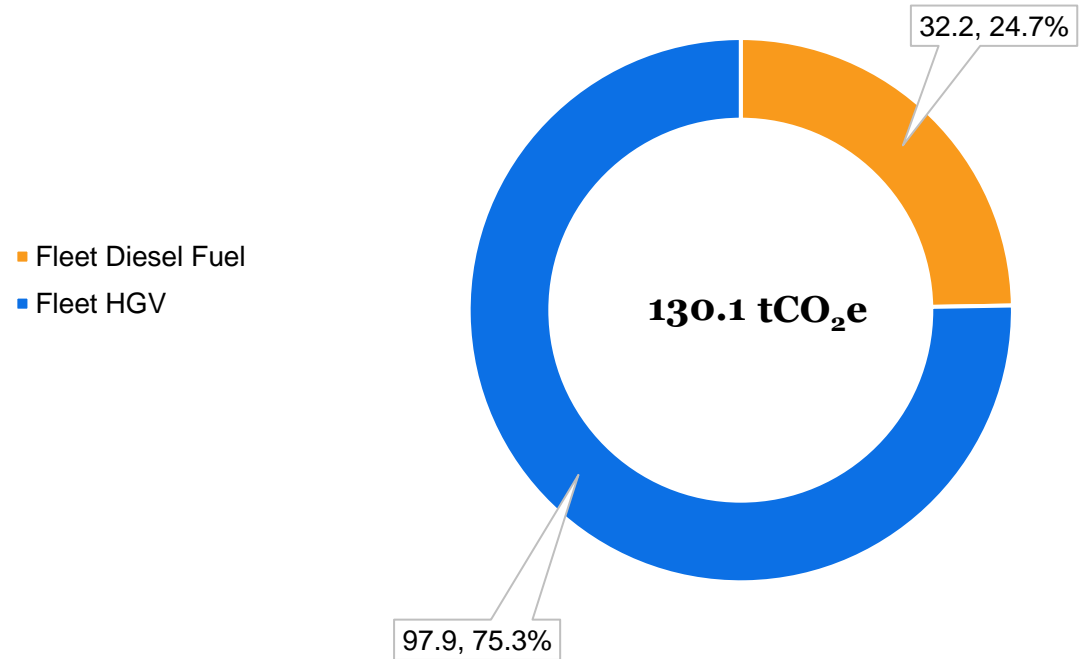


Carbon footprint.

Fleet TRAVEL

Fleet Travel	tCO ₂ e	%
Fleet Diesel Fuel	32.2	24.7
Fleet HGV	97.9	75.3
Total	130.1	100.0

Fleet travel emissions for year ending 2021, tCO₂e



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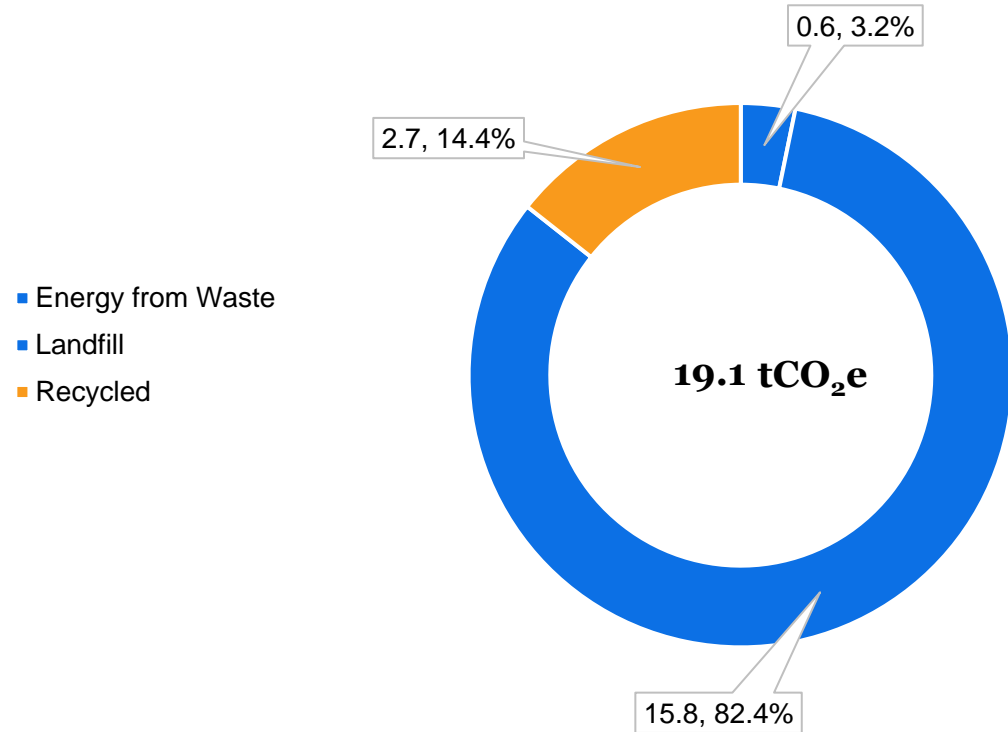


Carbon footprint.

WASTE

Waste	tCO ₂ e	%
Energy from Waste	0.6	3.2
Landfill	15.8	82.4
Recycled	2.7	14.4
Total	19.1	100.0

Waste emissions for year ending 2021, tCO₂e



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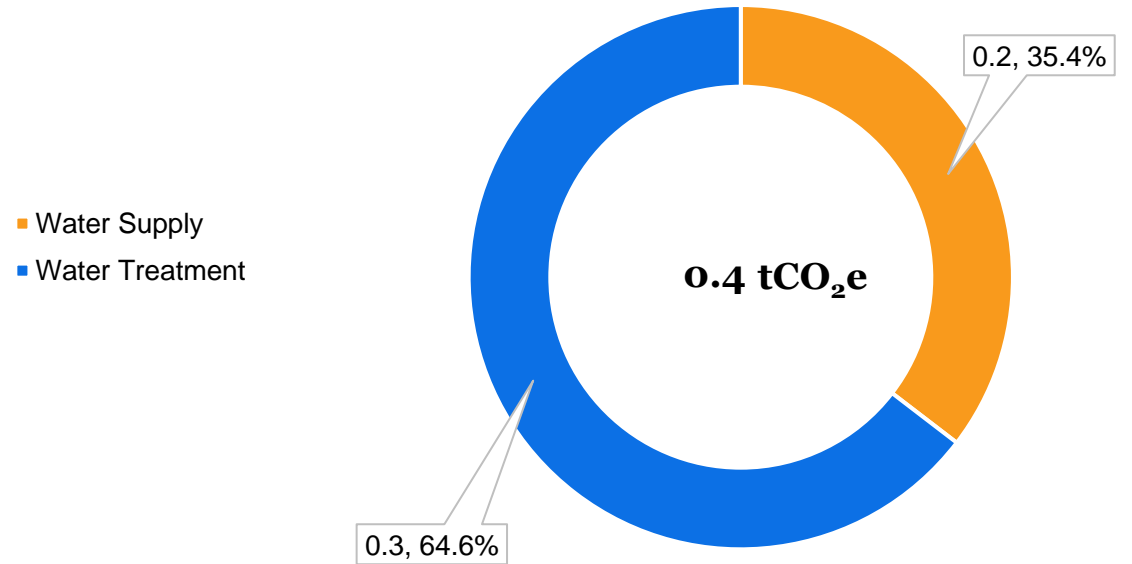


Carbon footprint.

WATER

Water	tCO ₂ e	%
Water Supply	0.2	35.4
Water Treatment	0.3	64.6
Total	0.4	100.0

Water emissions for year ending 2021, tCO₂e



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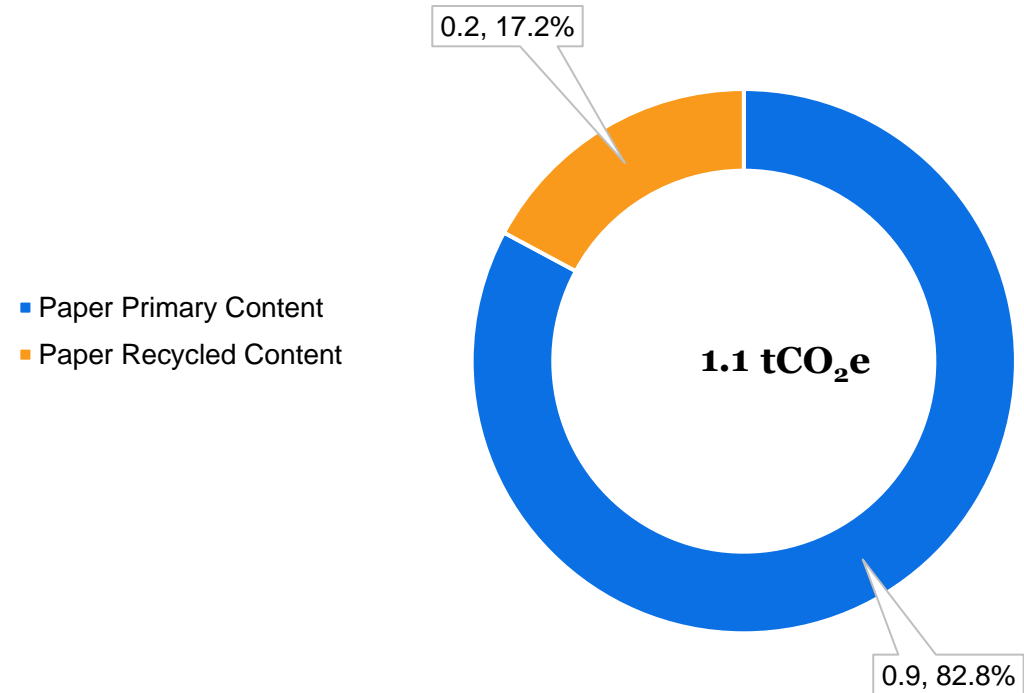


Carbon footprint.

PROCUREMENT

Paper	tCO ₂ e	%
Paper Primary Content	0.9	82.8
Paper Recycled Content	0.2	17.2
Total	1.1	100.0

Procurement emissions for year ending 2021, tCO₂e



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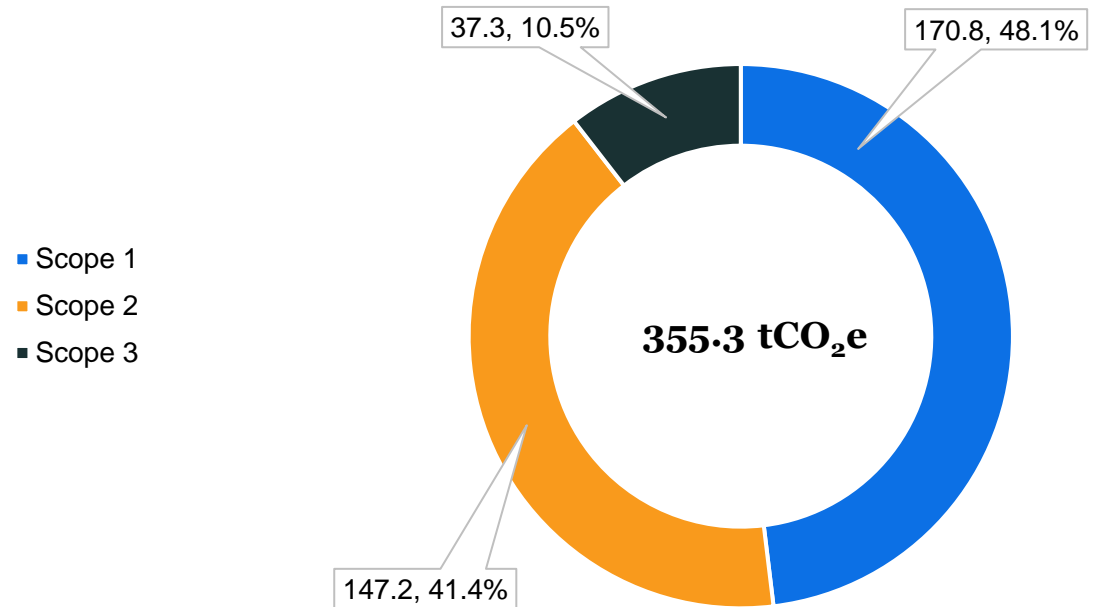


Total carbon footprint.

BY SCOPE

Scope	tCO ₂ e	%
Scope 1	170.8	48.1
Scope 2	147.2	41.4
Scope 3	37.3	10.5
Total	355.3	100.0

Total carbon emissions by scope for year ending 2021, tCO₂e



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

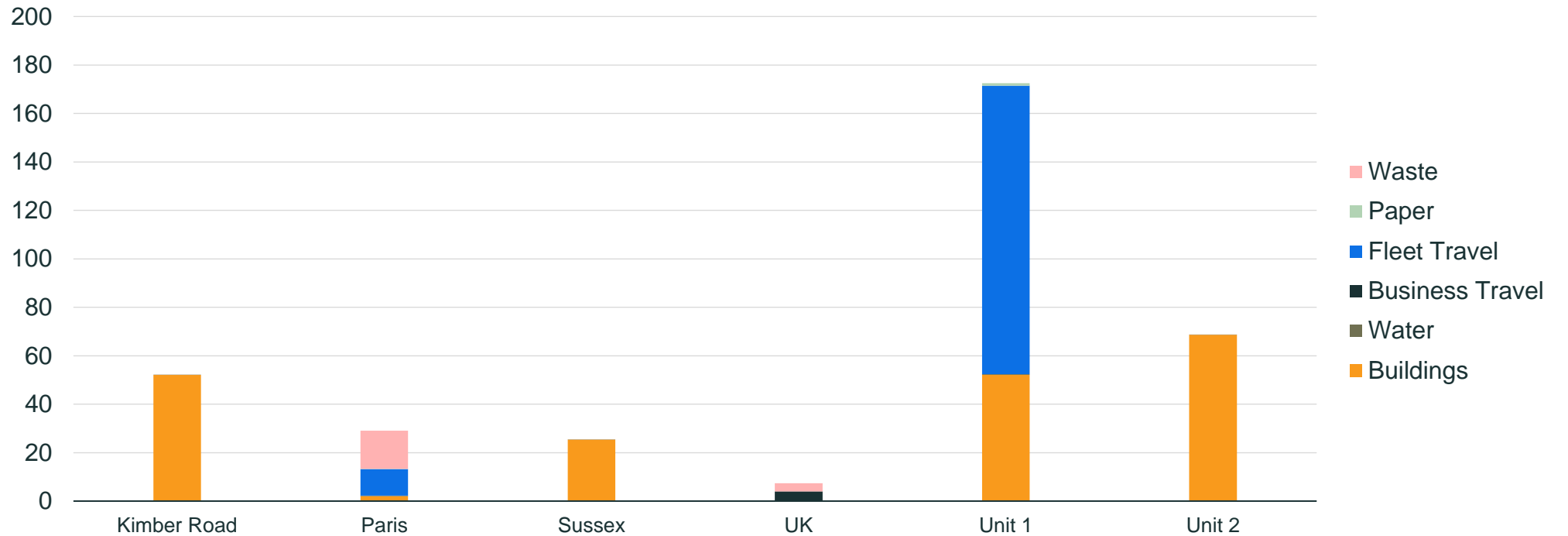


Carbon footprint.

BY LOCATION

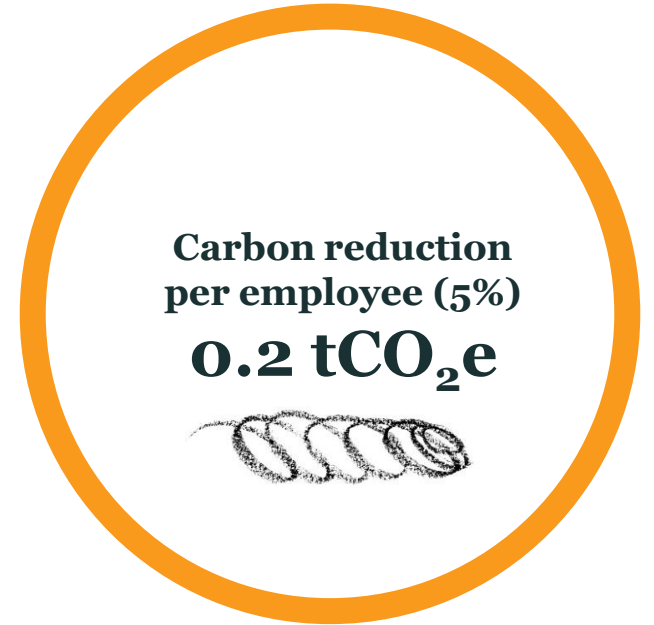
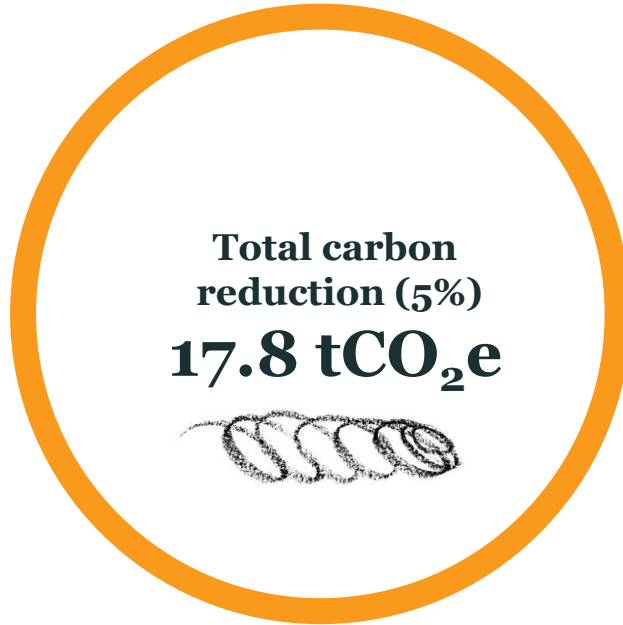
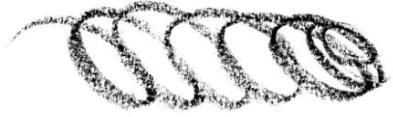
Carbon footprint for each location

tCO₂e





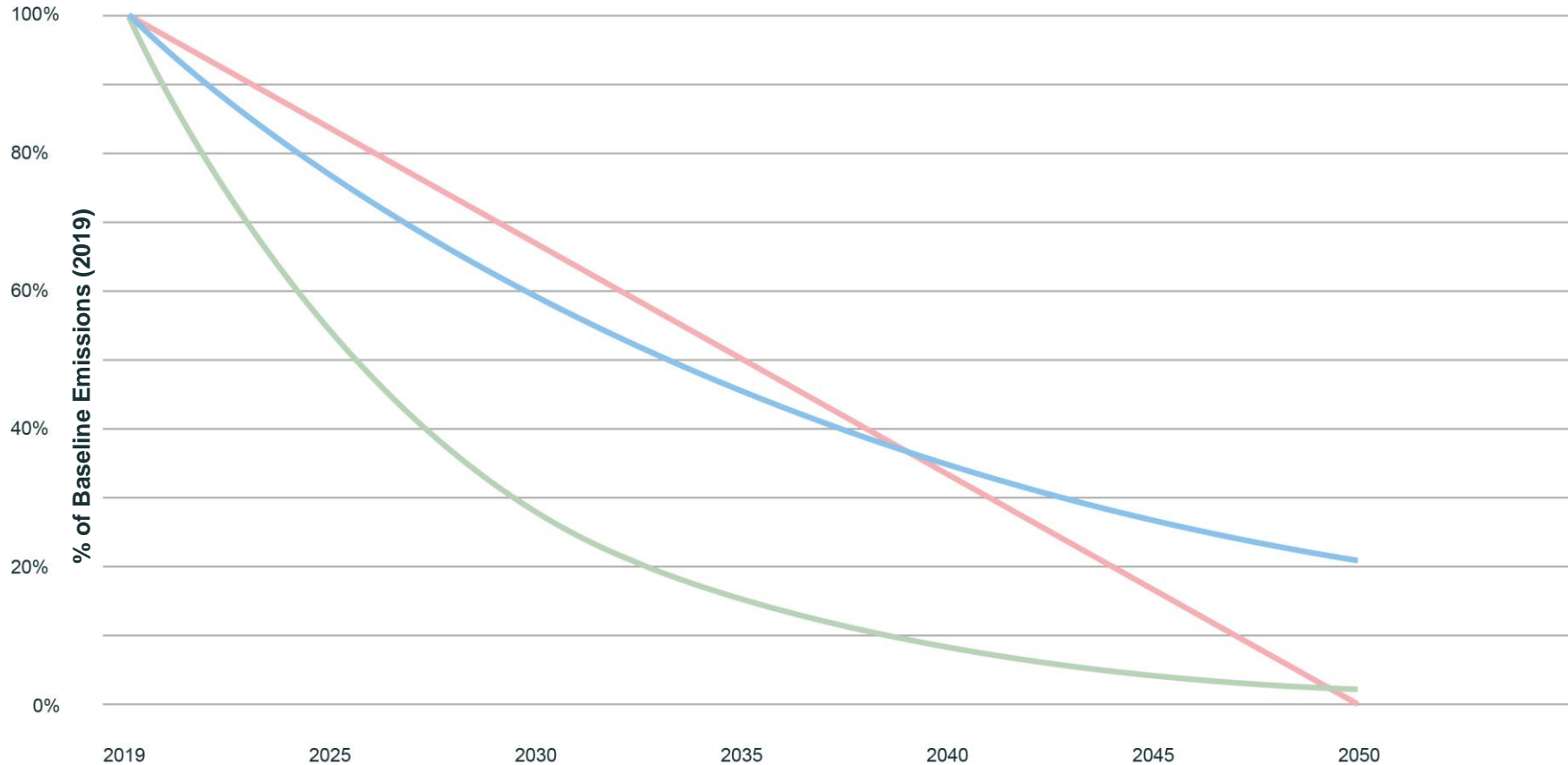
Looking ahead Targets for next year.





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

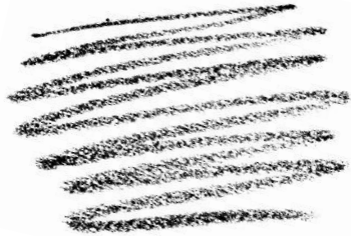




Workshops.

Our engagement experts will help unlock your employees' passion to innovate and take ownership of their environmental impacts.

Together, we celebrate every commitment and champion every success, providing positive reassurance to help you drive change from within.



Workshop	Description
Sustainability Energiser	A 1 hour session for everyone in the business. It raises awareness about sustainability, the business case for acting on climate change and the carbon footprint of the company. Includes brainstorm session inviting participants to come up with solutions.
Sustainability Plan Workshop	A 3 hour session which lifts the lid on operational carbon emissions, supporting a brainstorming sessions 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.
Business Sustainability Essentials Training	A 3 hour session covering the basics of business sustainability and the role your employees can adopt in driving change from within. Offered as both public and private event.
Stakeholder Engagement Workshop	A 30min-1 hour session, focussing on the member's sustainability journey to date, ambitions ahead with the view to encourage their suppliers/customers to join. Q&As, networking opportunity.



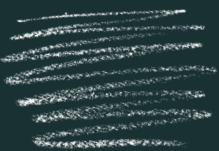
The Eden Project

PARTNERSHIP

At Planet Mark, we recognise 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. We contribute 5% of Business Certification fees to the Eden Project.

eden project





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.
- We have protected one acre of Peruvian rainforest in your company name.





Step three.

COMMUNICATE



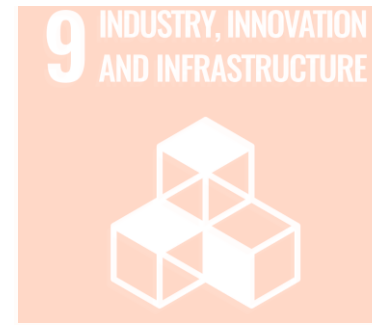
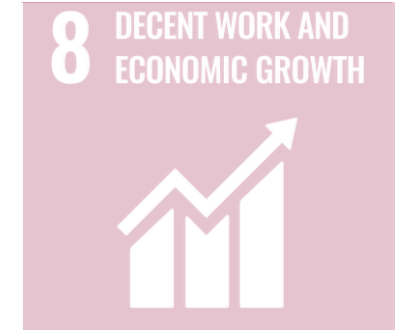
Communicating your international influence.

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 18 SDG targets.

Contributing towards

6 SDGs





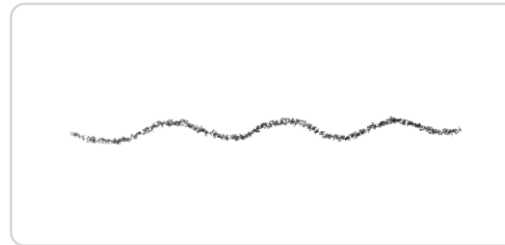
SDG alignment.



6 CLEAN WATER AND SANITATION

6.3 - 100% of water treated
6.6 - Acre of rainforest protected

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



13 CLIMATE ACTION

13.3 - Acre of rainforest protected, storing 260 tCO₂
13.3 - Donation to the Eden Project

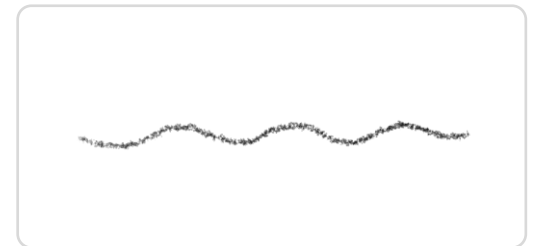
7 AFFORDABLE AND CLEAN ENERGY

7.2 - 53% of energy demand met by renewable energy

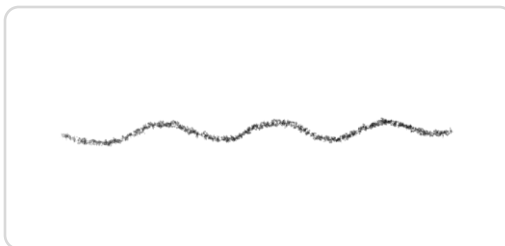
11 SUSTAINABLE CITIES AND COMMUNITIES

11.6 - Measured carbon emissions
11.6 - 67% of waste recycled and composted
11.4 - Donation to the Eden Project
11.4 - Acre of rainforest protected

14 LIFE BELOW WATER



8 DECENT WORK AND ECONOMIC GROWTH



12 RESPONSIBLE CONSUMPTION AND PRODUCTION

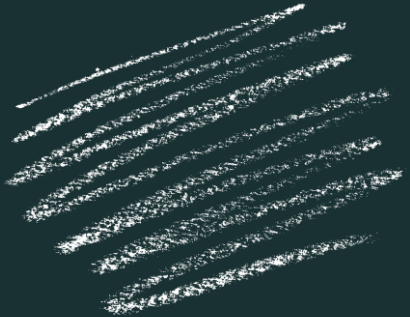
12.6 - Measured carbon emissions
12.5 - 67% of waste recycled and composted

15 LIFE ON LAND

15.2 - Acre of rainforest protected, storing 260 tCO₂



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 all of your staff members to join our online platform, open exclusively to Planet Mark members. A space to learn, share, celebrate and discuss. 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



01 January 2021 to 31 December 2021

Source	Scope	Unit	Amount	tCO ₂ e	% total carbon footprint
Buildings					
Electricity (location based)	2	kWh	725,038.9	147.2	41%
Electricity (market based)	2	kWh	725,038.9	90.0	-
Natural Gas	1	kWh	222,513.0	40.8	11%
Transmission and Distribution Losses	3	kWh	697,954.9	12.5	4%
Procurement					
Paper Primary Content	3	tonnes	1.0	0.9	0.3%
Paper Recycled Content	3	tonnes	0.3	0.2	0.1%
Travel					
Fleet Diesel Fuel	1	litres	12,801.1	32.2	9%
Fleet HGV	1	km	113,307.0	97.9	28%
Air Travel	3	passenger.km	40,028.2	3.8	1%
Ferry	3	passenger.km	532.0	0.1	0.02%
Rail Travel	3	passenger.km	7,485.2	0.1	0.04%
Taxi	3	km	762.4	0.2	0.04%
Waste					
Energy from Waste	3	tonnes	29.0	0.6	0.2%
Landfill	3	tonnes	33.8	15.8	4%
Recycled	3	tonnes	129.1	2.7	1%
Water					
Water Supply	3	cubic metres	1,041.6	0.2	0.04%
Water Treatment	3	cubic metres	1,040.8	0.3	0.1%
Location Based					
Total		tCO ₂ e		355.3	
No. employees		Number		77	
Total per employee		tCO ₂ e		4.6	
Turnover £m		£m		13.4	
Total per £m		tCO ₂ e		26.6	
Market Based					
Total		tCO ₂ e		298.1	
No. employees		Number		77	
Total per employee		tCO ₂ e		3.9	
Turnover £m		£m		13.4	
Total per £m		tCO ₂ e		22.3	

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	Gander & White
Sector	Retail
Reporting Period	01 January 2021 to 31 December 2021
Year Of Certification	1st
Reporting Boundary	UK & Paris operations
Emission sources included	Electricity, T&D Losses, Natural Gas, Water, Fleet Travel, Business Travel, Waste, Paper
Total FTE Employees (annual average no.)	77
Total Internal Floorspace (m²)	None
Data Collection Lead	Alexander Bradford, abradford@ganderandwhite.com Business Development / Sustainability Manager
Significant reporting changes	None
Current Conversion Factor	BEIS 2021
Methodology	We follow the GHG Protocol for Corporate Emission Reporting and The National TOMs Framework for Social Value Reporting. Refer to Planet Mark Code of Practice for detailed information on the methodology and standards used in the preparation of this report
Community Project	Contributions to the Eden Project and to Cool Earth's Asháninka community rainforest project have been made as part of Planet Mark Certification
Prepared by	Joe Burnett, Data Analyst, Planet Mark
Checked by	Jamie Beevor, Head of Technical, Planet Mark Rima Trofimovaite, Head of Certification, Planet Mark
Date	22 September 2022



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 - consumption report	Actual and estimated meter reads	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, using both the location- and market-based methodologies. Location-based electricity emissions have been calculated using emission factors for the UK's average national grid electricity. Market-based electricity emissions have been calculated using emission factors for your specific electricity supply fuel mix as published on your invoices covering the reporting period.	UK & Paris
On site renewables	2	kWh	Secondary source - email confirmation	Actual meter reads	Planet Mark have concluded that all of the solar-generated electricity was consumed on site during the course of the reporting year. This conclusion was made because of the extensive climate control system which is in place at the Kimber Road site. This was confirmed in an email dated 22/09/22.	Kimber Road
Natural gas	1	kWh	Primary source - consumption report	Actual and estimated meter reads	None	Unit 1, Kimber Road, Sussex
Water supply & treatment	3	m ³	Primary source - invoices	Actual and estimated meter reads	Please see the Adjusted Data slides.	UK & Paris

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	Primary sources - mileage and fuel consumption reports	Actual	None	Unit 1 & Paris
Air travel	3	pkm	Primary source - expense claims documents	Actual distance	An origin of Heathrow (LHR) and an 'average' class for all air travel journeys was assumed.	UK
Rail travel	3	pkm	Primary source - expense claims documents	Estimated distance	Only cost per trip available. We assumed £0.55 per mile. Calculations based on 2021 analysis of Planet Mark members' rail journeys.	UK & Paris
Taxi travel	3	km	Primary source - expense claims documents	Estimated distance	Only cost per trip available. We assumed £2.53 per mile. Calculations based on a fixed start price of £2.80 per journey, an average cost of £2.02 per mile and an average taxi journey of 5.36 miles.	UK
Ferry travel	3	pkm	Primary source - expense claims documents	Actual distance	None	UK & Paris
Waste - landfill	3	tonnes	Primary source - consumption report	Actual	Gander and White's contractor could not give a breakdown of how the waste from the Paris office was disposed of, so it was assumed that this waste was sent to landfill.	Paris

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
Waste - recycling	3	tonnes	Primary source - consumption report	Actual	None	UK
Energy from waste	3	tonnes	Primary source - consumption report	Actual	None	UK
Procurement - paper	3	tonnes	Secondary source - Planet Mark data submission document	Actual	None	UK & Paris
Headcount		no.	Primary source - HR confirmation	Actual	We have used 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).	UK & Paris
Turnover		£	Primary source - company accounts	Actual	None	UK & Paris
Floor area		m ²	Primary source - HR confirmation	Actual	None	UK & Paris

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 Code of Practice and provides an indication of data assurance when using information in this report in your business.

	01 January 2021 to 31 December 2021	Definition
Relevance of boundary	3	Boundary accurately reflects the majority of the business carbon footprint for studied period.
Data completeness	4	12 months of data, all GHG emission sources within the boundary accounted for, full disclosure of exclusions.
Transparency	4	Data collection procedure clearly disclosed with clear audit trail (invoices provided) and full disclosure of assumptions.
Data accuracy	3	Efforts made to reduce uncertainties. No estimated meter readings, actual data provided where possible. Some estimations/sampling.
Total score	14 out of 16	

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

- To provide detail regarding the exportation of solar-generated electricity (in the summer months, for example)
- To provide an origin and destination for all air and rail travel journeys.



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	3	Unit 1	Invoices	Mixed	01-01-2021	30-11-2021	334	01-01-2021	31-12-2021	365	The invoice covering the period 01/01/2021 to 30/11/2021 has been extrapolated to cover the end of the reporting period.
Water Supply	3	Unit 2	Invoices	Mixed	01-01-2021	30-11-2021	334	01-01-2021	31-12-2021	365	The invoice covering the period 01/01/2021 to 30/11/2021 has been extrapolated to cover the end of the reporting period.
Water Supply	3	Kimber Road	Invoices	Mixed	01-01-2021	30-11-2021	334	01-01-2021	31-12-2021	365	The invoice covering the period 01/01/2021 to 30/11/2021 has been extrapolated to cover the end of the reporting period.
Water Supply	3	Sussex	Invoice	Estimated	23-11-2020	11-03-2021	109	01-01-2021	11-03-2021	70	The invoice covering the period 23/11/2020 to 11/03/2021 has been interpolated to cover the start of the reporting period.
Water Supply	3	Sussex	Invoice	Mixed	25-08-2021	05-11-2021	73	25-08-2021	31-12-2021	129	The invoice covering the period 25/08/2021 to 05/11/2021 has been extrapolated to cover the end of the reporting period.



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
Water Treatment	3	Unit 1	Invoices	Mixed	01-01-2021	30-11-2021	334	01-01-2021	31-12-2021	365	The invoice covering the period 01/01/2021 to 30/11/2021 has been extrapolated to cover the end of the reporting period.
Water Treatment	3	Unit 2	Invoices	Mixed	01-01-2021	30-11-2021	334	01-01-2021	31-12-2021	365	The invoice covering the period 01/01/2021 to 30/11/2021 has been extrapolated to cover the end of the reporting period.
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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

info@planetmark.com
+44 203 751 8108
planetmark.com

71 – 75 Shelton Street,
Covent Garden,
London, WC2H 9JQ