

AURA
POWER

CARBON AUDIT & CLIMATE STRATEGY | 2023



FOREWARD

A message from the CEO



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Assessment period	1st January 2023 - 31st December 2023
Audit completed by	Abby Rymil, Aura Power
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Simon Coulson, Co-founder and CEO at Aura Power:

"I am proud to present the findings of our third carbon audit, a significant milestone in our journey to achieve net-zero carbon emissions by 2030 as part of the United Nations' Race to Zero campaign. This report reflects our commitment to this ambitious goal and highlights the

progress we've made in embedding sustainability into every aspect of our operations across seven countries.

At Aura, reducing carbon emissions is at the heart of our mission as a solar and battery storage developer. This audit showcases how continue to integrate our values into our business practices.

Our mission is powered by a remarkable team of talented and passionate individuals who share a common determination to lead the way in sustainable energy. The results in this report are a testament to their creativity, hard work, and commitment to our shared vision of a zero-carbon future.

While this report celebrates our progress, it also underscores areas we still need to improve. We remain committed to taking bold, transparent, and measurable actions that will lead us to a zero carbon 2030."



RACE TO ZERO

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-

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With Thanks:

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1 Introduction

1.1 This document has been produced to report on company emissions as part of Aura Power's commitment under the UNFCCC 'Race to Zero' campaign.

1.2 Race to Net Zero is a UN backed global campaign to rally leadership and support from businesses, cities, regions, investors for a healthy, resilient, zero carbon recovery that prevents future threats, creates decent jobs, and unlocks inclusive, sustainable growth.

1.3 It mobilizes a coalition of leading net zero initiatives, representing 1,049 cities, 67 regions, 5,235 businesses, 441 of the biggest investors, and 1,039 Higher Education Institutions. These 'real economy' actors join 120 countries in the largest ever alliance committed to achieving net zero carbon emissions by 2050 at the latest. Collectively these actors now cover nearly 25% global CO2 emissions and over 50% GDP.

1.4 Aura Power joined the Race to Net Zero in 2022 through the SME Climate Hub, signing a commitment to become net zero by 2030.

1.5 This is our third yearly carbon audit having calculated our baseline emissions for the financial year of 2022. This report also reviews the actions set out in our

2022 strategy and how we have achieved them.

1.6 As a company that focuses on decarbonizing energy generation, Aura Power's ethos lies in the heart of tackling climate change and the transition to net zero. Headquartered in Bristol in the United Kingdom we develop large-scale solar and battery storage projects in the United Kingdom, Ireland, Italy, Portugal, Lithuania, Canada and the United States of America.

1.7 Solar is now the cheapest form of electricity in history. Along with suitable methods of energy storage such as batteries, we can help power the transition to net zero and reduce reliance on imported energy sources.

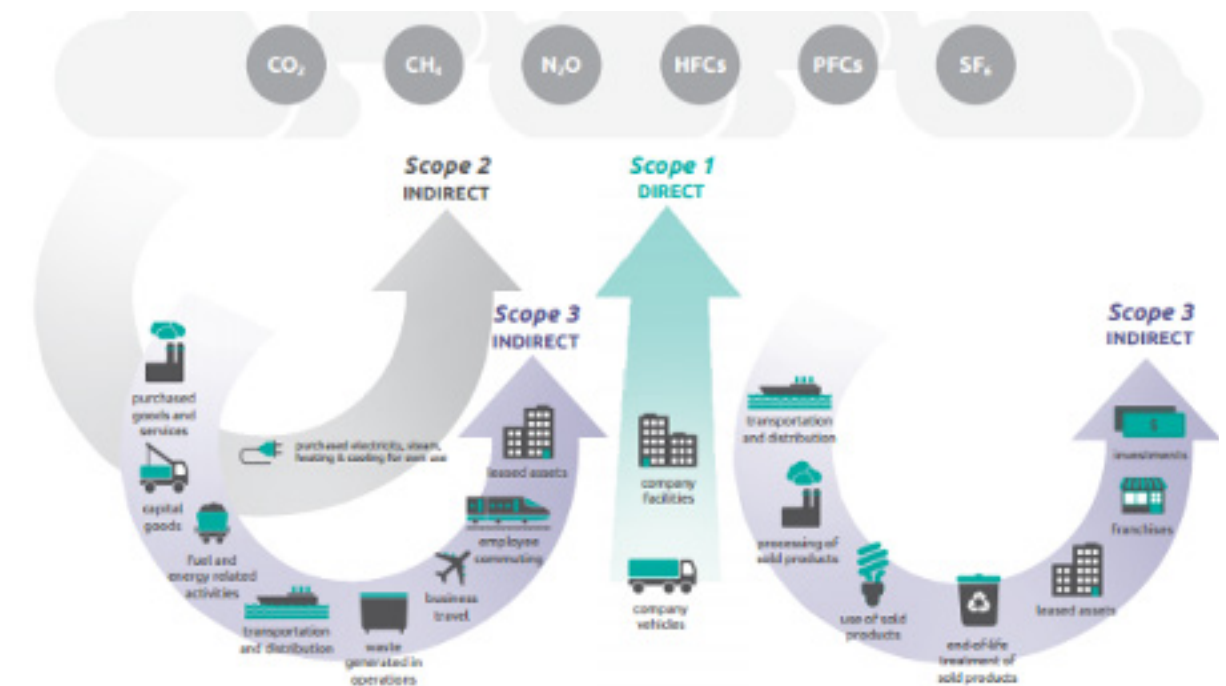
1.8 We follow three key mission goals when developing our sites: tackle climate change, enhance the natural environment and engage with local communities along the way.

1.9 Aura Power has been through a significant growth phase bringing our headcount up to 57 team members globally.

2.0 We are joint venture partners with ib vogt, a global engineering firm with over a gigawatt of operational solar farms worldwide.

2 Methodology

2.1 Estimate emissions for the 2023 financial year have been calculated using the Greenhouse House Reporting Protocol breaking down emissions into Scope's 1,2 and 3. This follows the same methodology as our previous carbon audits.



2.2 Our breakdown of emission sources and means of assessment can be seen in the table below:

Source of emissions	Means of assessment + Emission Factor Source
Gas Office Heating	Carbon Footprint Calculator Utility bills - amount in kwh
Air conditioning top ups	Carbon Footprint Calculator
Office Electricity use	Carbon footprint Calculator Utility bills - amount in kwh
Business Accommodation	GHG Corporate Value Chain (Scope 3) Accounting and Reporting Standard Zoho - expenses CHSB Spreadsheet
Business Travel	Zoho - expenses UK Gov Vehicle Certification Agency UK GHG Conversion Factors
Cleaning Supplies	Internal Spend Report Amazon emission factor

Digital Footprint (new for 2023)	Average number of employee emails, video calls, cloud storage and website emissions
IT and electrical equipment	GHG Corporate Value Chain (Scope 3) Accounting and Reporting Standard UK GHG Conversion Factors
Legal, consultancy and other business related activities	GHG Corporate Value Chain (Scope 3) Accounting and Reporting Standard
Office food and drink	GHG Corporate Value Chain (Scope 3) Accounting and Reporting Standard UK GHG Conversion Factors
Office furniture	GHG Corporate Value Chain (Scope 3) Accounting and Reporting Standard UK GHG Conversion Factors
Post and telecommunications	GHG Corporate Value Chain (Scope 3) Accounting and Reporting Standard UK GHG Conversion Factors DHL carbon calculator
Staff commute	Staff survey UK GHG Conversion Factors UK Gov Vehicle Certification Agency

2.3 The accuracy of our data is improving year on year. This year we revised our methodology for measuring data from other countries. This was calculated using the UK CO2e per capita against other countries per capita, then multiplying their emissions by the ratio to account for differences in emissions.

2.4 New to this year's audit, we accounted for our digital footprint as a company that is predominantly desk based. The number of daily emails and video calls was taken as an average (22 emails, 3 video calls) for each employee taken from survey data and applied to 57 employees. Cloud storage was at 1.1 TB, and our website emissions were calculated using [websitecarbon.com](https://www.websitecarbon.com)

2.5 Similarly to last year, pensions were not included in our calculation as following the work from the previous two years, many employees have switched to 'greener funds' and emission factors are not always available to measure accurately. We continue to make estimations on Pension Bee's emission factor of 0.129 that indicates how contributions per £ of CO2 emissions are reducing.

2.6 New to this year's audit, we also revised how we calculate our intensity ratio and will now be using our development expenditure (DEVEX) as opposed to revenue. This more accurately depicts our company's activity. We have applied this revised calculation to our 2022 results to compare our 2023 results against.

2.6 Whilst we undertook our first audit in 2021, this was undertaken during the COVID 19 pandemic and therefore does not truly represent a baseline for our subsequent results. We are therefore using our 2022 audit as a baseline. This audit therefore serves as the first subsequent audit and will demonstrate how our emissions have more accurately changed. Our first year findings were still relevant and have helped inform our methodology and analysis.

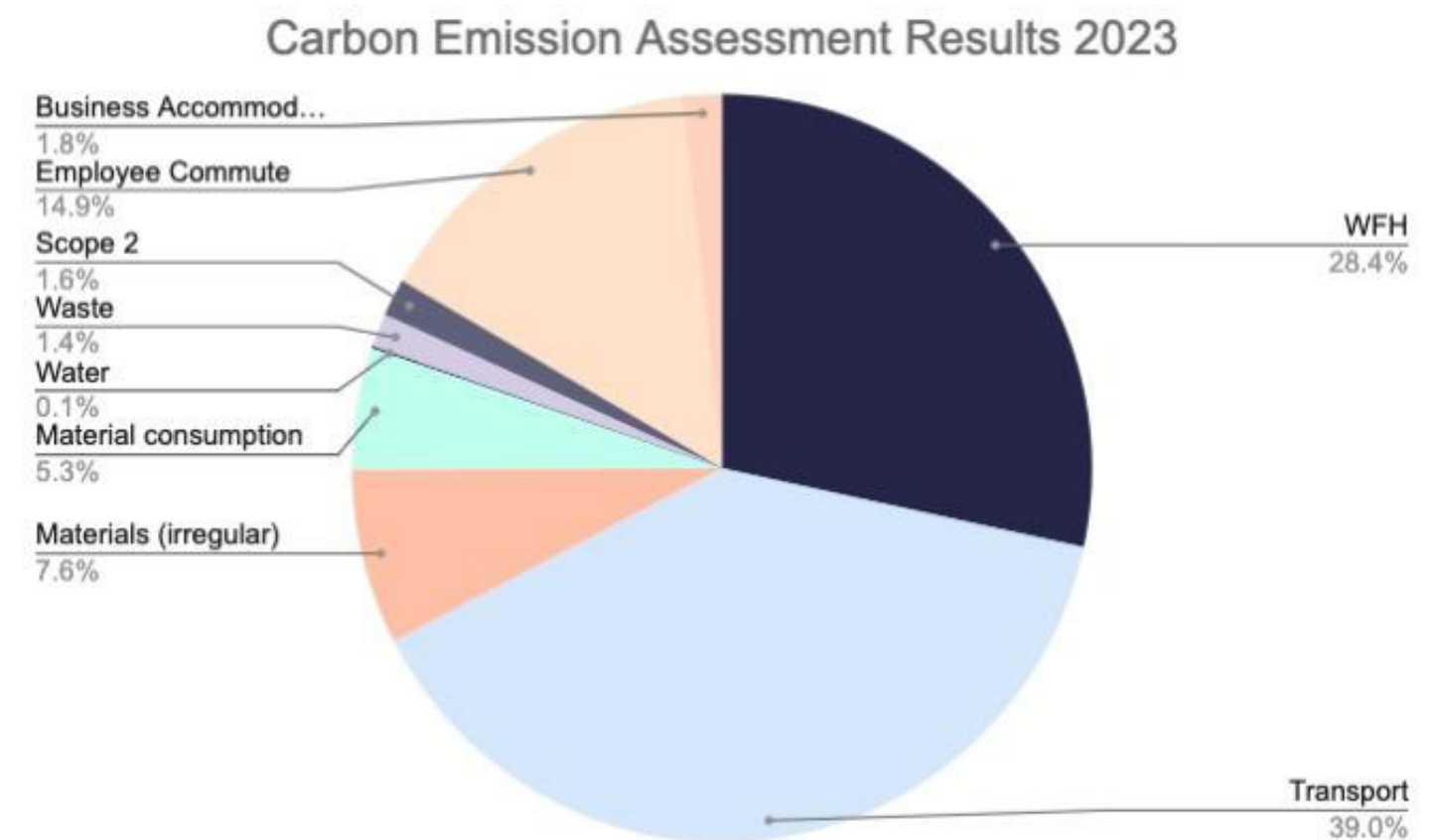
2.7 The full 2023 audit and assumptions of our company emissions can be found in Appendix 1 and the results can be seen in Section 3 below.

3 Assessment Results

3.1 This assessment formalises Aura Power's third greenhouse gas assessment. 2023 represented the company's 10th year in business and development activity was at an all time high following 2022's revenue success.

GHG Emissions for 2022/23 calendar year		
Emission category	Amount (kgCO ₂ e) 2022	Amount (kgCO ₂ e) 2023
Scope 1	0	0
Scope 2	2097.48	1912
Scope 3	87495.33	123661
Other offices	45497.14	N/A
Total Gross Emissions	135089.95	125573
Green electricity tariff	0	0
Carbon offset	0	0
Total Removals	0	0
Net emissions	135089.9505	125573
Tonnes	135	125
Intensity ratio (kg-CO ₂ e/£m DEVEX)	0.02	0.01

Table 3 Pie chart showing 2022 assessment results



2.3 Comparison of 2022 and 2023 Emissions:

- Scope 1: Zero emissions in both years.
- Scope 2: Reduced from 2,097.48 kgCO₂e in 2022 to 1,911.75 kgCO₂e in 2023, reflecting a 9% decrease.
- Scope 3: Increased from 87,495.33 kgCO₂e in 2022 to 123,660.88 kgCO₂e in 2023, primarily driven by expanded operations and increased employee activity.

Per Employee Metrics:

- Scope 2 emissions reduced from 46.61 kgCO₂e to 33.54 kgCO₂e.
- Scope 3 emissions increased from 1,944.34 kgCO₂e to 2,169.49 kgCO₂e.

Detailed Breakdown:

Transport

- WFH emissions increased in 2023 - potentially due to more staff
- Transport emissions increased in 2023:
- Personal car - increased emissions. Nearly 3 times more trips taken than in 2022
- Planes - increase in emissions even though only 9% total trips taken by plane
- Co-wheels - increase in emissions
- Train - increase in train emissions - only 15 more journeys than in 2022 but increase in GHG emissions factor in 2023

Employee Commute + WFH + Water

- WFH increased - more staff, but

also included other countries emissions into calculations

- Water - increased nearly 3 fold - more staff, but also included other countries emissions into calculations
- Employee Commute - decreased. We included size of vehicle in the survey to more accurately link emissions factor e.g., car petrol small. In 2022 we didn't specify type of car, so used average figure.

Material Consumption (regular)

- Increased from 2022 - included digital footprint for 2023.
- More spent on food and drink in 2023 (nearly 4 fold) - increased staff, events etc
- Fewer emissions on stationery - potentially as we measured weight instead of cost
- DHL emissions increased massively, general post decreased - potentially due to using DHL and electronic doc sharing more than physical posting

Material Consumption (irregular)

- Increased from 2022 due to more staff. Lots more electronic equipment purchases which are high in emissions.

Business Accommodation

- Increased from 2022 - More overnight stays abroad.

Waste

- No change from 2022 - unable to obtain figures from Bristol Waste

Emission Reduction Targets and Progress

Scope 1 & 2 Targets:

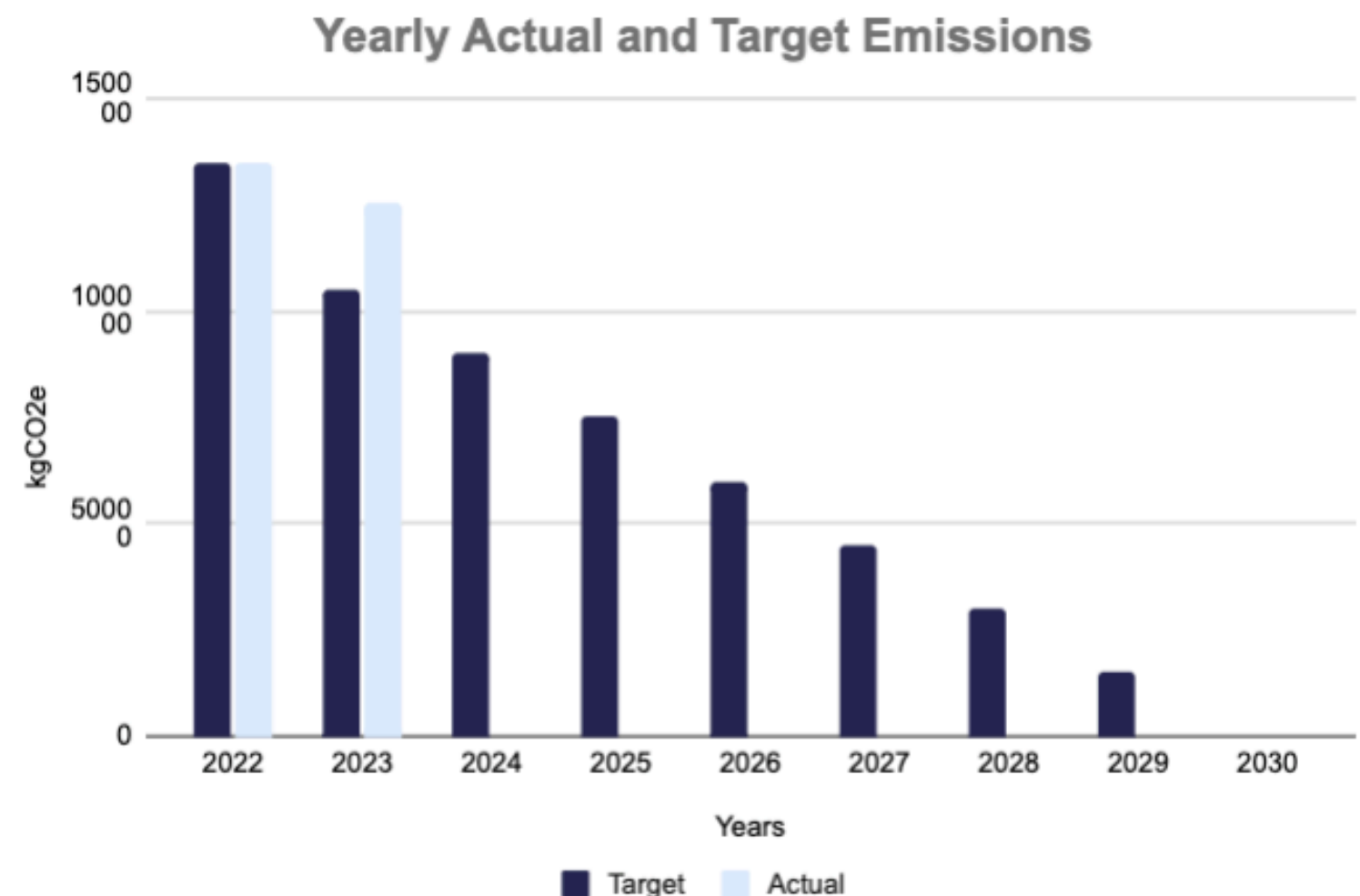
- Continue adopting best practices in office energy use, such as:
- Turning off lights and computers when not in use.
- Limiting heating to occupied spaces only.
- Exploring lower-carbon office options and transitioning to green web servers.

Progress: Implementing these practices has already resulted in a measurable reduction in Scope 2 emissions.

Scope 3 Targets:

- Promote low-carbon initiatives for employees, including:
- Cycle to Work and EV salary sacrifice schemes.
- Encouraging low-impact travel and increasing the use of EVs for site visits.
- Procuring products from sustainable suppliers where feasible.

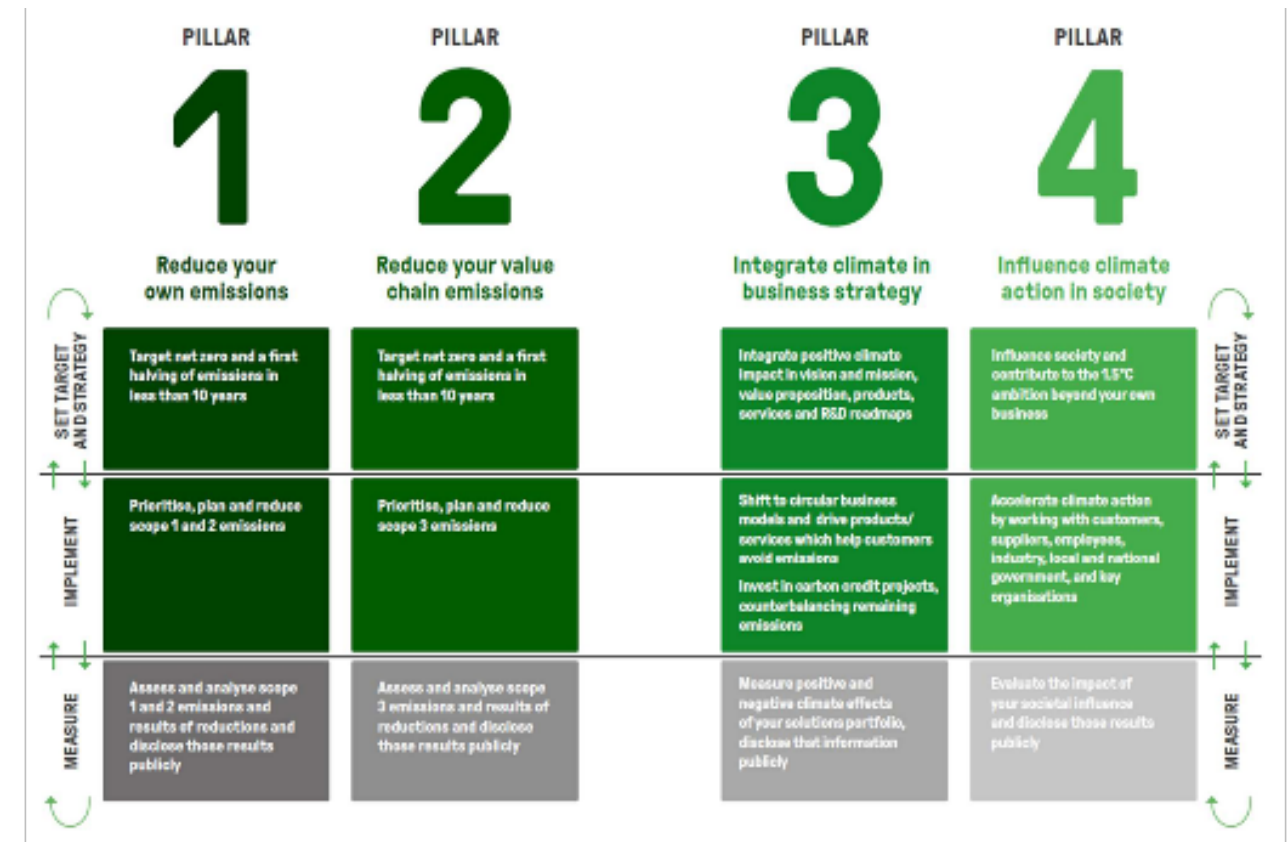
Progress: While challenges remain in reducing travel-related emissions, several employees have embraced greener commuting options.



4 Business Climate Strategy - Progress

4.1 1.5°C Business Playbook

The SME Climate Hub has provided a number of tools to implement a strategy on reducing emissions. We have used the 1.5°C Business Playbook that provides a strategic framework broken down into four pillars as shown below.



Following this framework, we have compiled an action plan for each pillar.

4.2 Emission Reduction Targets

In our first carbon audit we measured our desired target reductions by our total emissions. By working with Future Leap, we learnt that a more accurate measurement, to account for company growth, is by carbon intensity. This is measured against the company's yearly revenue and represents a figure of kgCo2e per £m.

2022 saw a significant growth year for the company with 2023 beginning to plateau. We have determined that the most accurate way to depict our company's activities using the constant spend of development expenditure (DEVEX) as opposed to revenue.

In 2023, our carbon intensity was less than that of 2022 and we have therefore succeeded in reducing our carbon emissions.

In order to continue our progress to achieving Net Zero, we will continue to practice the following targets, set in our previous carbon strategy.

4.3 Pillar 1 | Scope 1 & 2 Emissions Reduction Targets

To reduce scope 1 and 2 emissions, we will look to:

- o Continue to use best practice energy use in office and working from home such as:
- o Turning lights off when not in use
- o Turning computers off when not in use
- o Only heating the room you are working in and not the whole house (if alone)
- o Explore changing web server to a greener one
- o Investigate options for a lower carbon office

4.4 Pillar 2 | Scope 3 Emissions Reduction Targets

To reduce scope 3 emissions, we will look to:

- o Create resources to promote low carbon initiatives for employees
- o Implement Cycle to Work scheme for staff
- o Implement EV salary sacrifice scheme for staff
- o Encourage low travel methods to site visits, use of EV's with Cowheels
- o Purchase products from suppliers with green credentials and locally where possible

4.5 Pillar 3 | Integrate Climate in Business Strategy

The third pillar addresses the alignment of the company's vision, strategy, value proposition, products and services with the 1.5°C ambition. It means prioritising products and services that enable reduction and removal of customer and societal emissions, enabling resource- efficient lifestyles and consumption patterns, and suppressing solutions with an adverse climate impact.

- o Integrate position on reducing carbon emissions into companywide business practices
- o Produce an environmental policy which outlines Aura Power's aims and principles in relation to managing the environmental effects and aspects of operations within the business
- o Encourage staff to use 'true' green tariffs at home
- o Identify suitable carbon credit projects and offset schemes to address residual emissions
- o Procure products and services, where feasible, from transparent companies with reliable green credentials

4.6 Pillar 4 | Influence Climate Action in Society

The fourth pillar describes how to contribute to the 1.5°C ambition

beyond your own business. This means, for example, influencing government policy, supporting industry initiatives to align with 1.5°C and making sure that organisations that the company belongs to do not counteract the then setting targets and priorities, and then moving to implementation. To measure the outcome, take corrective actions and re-evaluate the strategy completes a first loop.

The very nature of our business addresses this pillar through influencing local government and community members to support renewable energy and accept these developments into their communities. In addition to our standard business practices, we continue to:

- o Write blogs on topic and publish on company website
- o Educate stakeholders / community members etc to influence climate action in society

4.7 Pensions

Continuing to use the 2022 emissions factor from Pensions Bee, our total pension contribution in 2023 in kgCO₂e was 28.46% less than our 2022 contribution. This reduction in contribution is likely attributed to lower company profits impacting overall employee remuneration and therefore pension contributions. According to Make My Money

Matter.co.uk, by encouraging pension providers to clean up their investments, you can cut your carbon footprint 21x more than giving up flying, going veggie and switching energy provider.

We have therefore taken action to:

- o Encourage staff to investigate into their own pension funds and find out where their money is being invested
- o Encourage staff to switch to ethical investment funds with their providers
- o Encouraging staff to demand more sustainable investments from their pension providers

4.6 Progress Summary

Following our first carbon audit, we have continued to encourage staff members to adopt the aforementioned habits. We have since ingrained many of these in newly implemented company policies such as our Environmental Policy and ESG Policy.

Many of our staff members took it upon themselves to explore their own pension contributions and made changes to which funds these were being investing in.

As a company we will continue to encourage our staff members to make green choices in line with our strategy.

APPENDIX 1 - AP Audit Assumptions 2023

Scope 1:

Aura Power has no scope 1 emissions, the office heating is electric. None of the office cooling or heating systems have had gas leaks or top ups in the last year, certificate can be found [here](#). Copy of certificates to be requested from Lottie.

Scope 2:

Total of 9232.2 kWh taken from [Octopus Energy readings Jan 2023 - Dec 2023](#) - from Lottie
Refrigerant leakage calculation guidance is provided in the government '[Environmental Reporting Guidelines](#).'

Electricity Emissions factor from [UK GHG Conversion Factors](#).

Scope 3:

1) Transport

- All transport EF values have been taken from [UK GHG Conversion Factors](#). Where relevant, the 'average' values what has been chosen.
- Emission Factor for Uber ride was chosen by EB to be 0.14, only slightly less than a regular taxi as there are electric car options available - This was later amended by Future Leap, using the standard taxi emissions factor from the [UK GHG Conversion Factors](#)

Inputs: Number of Passengers, Mode, Type, Distance

2) Employee Commute + WFH + Water Consumption

- Assume all employees work 37.5 hours per week as stated in the 'Employee Handbook'
- Assume all employees are contracted to work 332 days per year as the 'Employee Handbook' states that all full time employees get 33 paid time off per year.
- [Water consumption](#) per employee per working day = 50L
Water supply emission factor from [UK GHG Conversion Factors](#).
- All rail services are at national level
- All buses are 'average local' level
- Walking and Cycling emits insignificant amounts of CO2
- New case study in Bristol, developed by [VOI](#). Page 18, Table 9, I took the average emissions factor from the 6 scenarios which gave 69.145 g CO2e per km
- For employee commute options, if 'Other' or a combination is entered then the inputs need to be put in manually. For now, I've calculated an average from the other transport options
- WFH emissions need to be calculated using the [From SME Carbon Footprint Calculator](#)

Inputs: Employee Name, Commuting days/week, Mode of Transport - if other or car then more info needed, Distance travelled

Each time there is a new employee, you need to send them the google form, a new row should be added and the columns with formulas dragged down.

Red heading = required manual input from form

3) Material Consumption (Regular and Irregular)

Regular = Yearly average consumption

- Stationary: using a spend report from Aden, we were able to confirm that all stationery was ordered from Amazon, [Amazon's emission](#) of 0.0937 kgCO₂e per \$ GMS (gross merchandise sales) is used to calculate all emissions due to office stationery
- Food & Drink: total kg * emission factor from [UK GHG Conversion Factors](#)
 - Food and drink procurement information from Lottie's and Aden's consumption spreadsheets
- Cleaning: using a spend report from Aden, we were able to confirm that all cleaning supplies were brought off Amazon, using [Amazon's emission](#) of 0.0937 kgCO₂e per \$ GMS
- Post: Assume that [0.025 kg of CO₂e](#) per post (letter), number of posts per year to be estimated by number of stamps bought per year. All posts by Aura Power are assumed to be letters. We paid £648.50 (64,850p) in stamps in 2023 125p per first class stamp. 64,850/125 = 518.8 or 519 letters
- DHL has its own [carbon calculator](#) - request [report from Aden](#) enter the weight from each trip, type of transport and start location and final location into calculator to get WtW emissions.
- DocuSign has its own environmental savings report via the [reporting dashboard](#) on our account. We saved 673lbs carbon emissions = 305.268 kgCO₂. This was deducted from the total figure for regular material consumption.
- [Digital carbon footprint calculator](#) - created by Small 99. Relevant questions added to carbon audit survey. Averages calculated from [responses](#) and plugged in to the calculator.
- How 'dirty' Aura's website is - <https://www.websitecarbon.com/website/aurapower-com/> We added the emissions to the digital carbon footprint

Irregular

- Electronics and batteries:
 - Appliances: kg * [UK GHG Conversion Factors](#)
- Office chair:
 - Item quantity * [36 kg of CO₂e](#)
- Other irregular purchases
 - [Amazon's emission](#) of 0.0937 kgCO₂e per \$ GMS

Big buys need to manually added and emission factors need to be found

4) Business Accommodation

- The emission value hotel accommodation is taken from [UK GHG Conversion Factors](#) spreadsheet. The value from the M1 method - use the mean value for UK hotels
- Assumption that all business accommodation will be in hotels
- No 2023 emissions factor for Lithuania and Panama, so I used the 2022 figures

Inputs: Description, Nights Booked, Country

5) Waste

- Waste size bag info from Bristol Waste - Lottie unable to obtain data from Bristol Waste. Used 2021 figures.
- The waste emission factors have been found from [UK GHG Conversion Factors](#)
- Formula = Bag size (kg) * EF * 52 (number of weeks in the year)

6) Pensions

- 2023 value found online is 0.219 from [Pension Bee](#)

7) Results

- A Pie Chart has been created
- 'Other countries' input has been calculated through linear interpolation of the total UK emission value per employee ((UK Total Gross Emissions/ No. of UK employees)*No. Employees in other countries)

Automating Info:

All of the sheets in the AP Audit Spreadsheet have been automated to some extent. All list inputs are on the 'Emission Factors' sheet.

Changes & Analysis

Other countries - Tonnes CO2 pp updated from figures [here](#). Realised we were double counting. Calculated ratio using UK CO2e per capita against other countries CO2e per capita. Multiplied their emissions by the ratio to account for differences in emissions.

Digital Footprint - new for 2023 audit.

Emails (22.5) and video calls (3) averages taken from survey data. Applied to all 57 employees.

Cloud storage 1.1 TB - provided by Simon.

Website emissions - 10,000 monthly views = 371.23 kg CO2 (boiling 50,302 cups of tea)

DEVEX carbon intensity - calculated for 2022 and 2023 for comparison. More accurate way of measuring Aura's carbon intensity. Figure decreased in 2023 due to fewer emissions and less spend.
Revenue carbon intensity - decreased in 2023 due to few emissions and less revenue.

Per employee emissions figure decreased from 2022 - we have 22 more staff members and lower total emissions.

Scope 1 emissions: no emissions for 2022 or 2023

Scope 2 emissions:

Energy use - decreased in 2023

Scope 3 emissions:

Transport

WFH emissions increased in 2023 - potentially due to more staff

Transport emissions increased in 2023:

Personal car - increased emissions. Nearly 3 times more trips taken than in 2022

Planes - increase in emissions even though only 9% total trips taken by plane

Co-wheels - increase in emissions

Train - increase in train emissions - only 15 more journeys than in 2022 but increase in GHG emissions factor in 2023

Employee Commute + WFH + Water

WFH increased - more staff, but also included other countries emissions into calculations

Water - increased nearly 3 fold - more staff, but also included other countries emissions into calculations

Employee Commute - decreased. We included size of vehicle in the survey to more accurately link emissions factor e.g., car petrol small. In 2022 we didn't specify type of car, so used average figure.

Material Consumption (regular)

Increased from 2022 - included digital footprint for 2023.

More spent on food and drink in 2023 (nearly 4 fold) - lots more staff, events etc,?

Fewer emissions on stationery - used weight instead of cost?

DHL emissions increased massively, general post decreased - maybe because we used DHL and electronic doc sharing more than physical posting? - this is good.

Material Consumption (irregular)

Increased from 2022 - more staff. Lots more electronic equipment purchases - high in emissions.

Business Accommodation

Increased from 2022 - More stays abroad.

Waste

No change from 2022 - unable to get figures from Bristol Waste

Pensions

Decreased from 2022 by almost half - more bonuses paid in 2022 which were put into pensions.

APPENDIX 2 - COMPLETE DATA ENTRY

Year	Facility ID	Scope	Emission Source	Activity (kWh or kg)	Emission factor (kgCO2e)	Total	Data Source	Emission Factor Source
2023	1	1	AC leaks/gas			0	Maintenance bills	UK GHG Emissions Factors
2023	1	1	Fridge leaks			0	Maintenance bills	UK GHG Emissions Factors
2023	1	1	Pipe leaks			0	Maintenance bills	UK GHG Emissions Factors
Total						0		
2023	1	2	Purchasded Electricity - "Green Octopus 12M Fixed" tariff	9232.2	0.20707	1911.751247	Electricity bills from Octopus Energy	UK GHG Emissions Factors
Total						1911.751247		

Date	Description	Number of Passengers	Mode of Transport	Type	Type	Distance (miles)	Distance (mi)	Total Emission gCO2e	Emission Factor Source	Data Source
	Nursing Staff - Co-Whiths	1	Car (average size)	Hybrid		32	17.02274	77.286214	UK GHG Conversion Factors	
	Sanctuary Staff Visit - Co-Whiths	1	Car (average size)	Hybrid		32	15.49888	77.286214	UK GHG Conversion Factors	
	UK108-B Hraun - Co-Whiths	1	Car (average size)	Battery Electric		162	267.13008	3.13769892	UK GHG Conversion Factors	short haul miles
	UK107 - Site Visit - Co-Whiths	1	Car (average size)	Hybrid		32	9.7775564	14.03775564	UK GHG Conversion Factors	long haul miles
	Brizal - Queen Charlotte Street - Co-Whiths	1	Car (average size)	Hybrid		58	93.34772	14.0070611	UK GHG Conversion Factors	domestic miles
	Merkeley - Site Visit - Co-Whiths	1	Car (average size)	Hybrid		42	97.7008	14.9737564	UK GHG Conversion Factors	
	UK139 Widdow Site Visit - Co-Whiths	1	Car (average size)	Hybrid		262	421.64708	63.2788118	UK GHG Conversion Factors	
	Marston Road SCL - Co-Whiths	1	Car (average size)	Hybrid		42	406.09608	69.17607915	UK GHG Conversion Factors	
	Brizal - Assembly Rooms Lane - Co-Whiths	1	Car (average size)	Petrol		267	429.69378	89.0584157	UK GHG Conversion Factors	
	UK134 - Network Rail Inspection with PSUR - Co-Whiths	1	Car (average size)	Petrol		86	136.42024	28.9942085	UK GHG Conversion Factors	
	W1 - Cherry Road - Co-Whiths	1	Car (average size)	Hybrid		109	129.154590	31.8397764	UK GHG Conversion Factors	
	Churchill BESS - Co-Whiths	1	Car (average size)	Hybrid		43	69.20162	10.368984	UK GHG Conversion Factors	
	Playfield and Stangeridge Site Visit - Co-Whiths	1	Car (average size)	Hybrid		50	80.467	12.0768066	UK GHG Conversion Factors	
	UK134 - Kentite site visit with Vantage - Co-Whiths	1	Car (average size)	Petrol		80	144.4606	30.3222615	UK GHG Conversion Factors	
	UK135 CCGO Meeting - Co-Whiths	1	Car (average size)	Hybrid		102	153.52612	31.8397764	UK GHG Conversion Factors	
	UK130 - Horizon Committee Meeting - Co-Whiths	1	Car (average size)	Petrol		141	226.91804	47.5206127	UK GHG Conversion Factors	
	Brizal - Conerton Road - Co-Whiths	1	Car (average size)	Hybrid		454	730.64036	106.646171	UK GHG Conversion Factors	
	Co-Op Public Consultation - Co-Whiths	1	Car (average size)	Hybrid		119	214.04222	30.4151471	UK GHG Conversion Factors	
	Co-Op - Huntington SCL - Co-Whiths	1	Car (average size)	Hybrid		216	347.61744	52.1665836	UK GHG Conversion Factors	
	BESSE Whiffery UK131 Colwich & Newton SCL - Co-Whiths	1	Car (average size)	Hybrid		115	185.0741	27.7338885	UK GHG Conversion Factors	
	Barnett Estate - Co-Whiths	1	Car (average size)	Hybrid		19	30.57746	4.58871624	UK GHG Conversion Factors	
	Marston Road BAT - Co-Whiths	1	Car (average size)	Hybrid		238	388.1623	61.74884843	UK GHG Conversion Factors	
	Radstock BAT - Co-Whiths	1	Car (average size)	Hybrid		19	30.57746	4.58871624	UK GHG Conversion Factors	
	UK131 Preston site visit - Co-Whiths	1	Car (average size)	Hybrid		215	346.0011	51.9244688	UK GHG Conversion Factors	
	UK130 - Conerton Road - Co-Whiths	1	Car (average size)	Hybrid		45	70.4377912	11.941337	UK GHG Conversion Factors	
	Brizal - Conerton Road - Co-Whiths	1	Car (average size)	Hybrid		495	796.6233	119.541337	UK GHG Conversion Factors	
	Rail stock BESS - Co-Whiths	1	Car (average size)	Battery Electric		39	62.76426	0.0268759	UK GHG Conversion Factors	
	Baykrooke BESS - Co-Whiths	1	Car (average size)	Hybrid		265	426.4751	64.0005546	UK GHG Conversion Factors	
	UK132 CCGO Meeting - Co-Whiths	1	Car (average size)	Hybrid		102	153.52612	31.8397764	UK GHG Conversion Factors	
	UK137 Hawthorn Pk - Co-Whiths	1	Car (average size)	Hybrid		37	59.54588	8.93952107	UK GHG Conversion Factors	
	Bent Rock (Aubridge - Burnham) - Co-Whiths	1	Car (average size)	Hybrid		66	106.1844	15.9397516	UK GHG Conversion Factors	
	UK131 & Sandford Options Plan Meeting with L.O. - Co-Whiths	1	Car (average size)	Hybrid		53	83.10822	12.7207764	UK GHG Conversion Factors	
	Bishop Wood - Hardford - Co-Whiths	1	Car (average size)	Hybrid		149	239.7196	35.9851961	UK GHG Conversion Factors	
	Sully - Co-Whiths	1	Car (average size)	Battery Electric		122	198.33948	2.18554862	UK GHG Conversion Factors	
	Grid Training Course, Capenhurst - Co-Whiths	1	Car (average size)	Hybrid		365	587.4091	88.1516471	UK GHG Conversion Factors	
	Brizal - Edinburgh rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Brizal - Dublin rtm	1	Air	Domestic (medium UK)		412	663.04808	202.3494288	UK GHG Conversion Factors	
	Brizal - Newcastle rtm	1	Air	Domestic (medium UK)		112	823.98208	252.201781	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)		631	1020.32156	31.280743	UK GHG Conversion Factors	
	Edinburgh - Brizal rtm	1	Air	Domestic (medium UK)						

Date	Description	Number of Passengers	Mode of Transport	Type	Distance (miles)	Distance (km)	Total Emission kgCO2e	Emission Factor Source	Data Source
2023	Bristol - London rtm	1	Rail	National	234	376.58556	16.73137169	UK GHG Conversion Factors	
2023	Bristol - London rtm	1	Rail	National	234	376.58556	16.73137169	UK GHG Conversion Factors	
2023	Bristol - London	1	Rail	National	117	188.29278	8.36568546	UK GHG Conversion Factors	
2023	Bristol - London	1	Rail	National	117	188.29278	8.36568546	UK GHG Conversion Factors	
2023	Bristol - London rtm	1	Rail	National	234	376.58556	16.73137169	UK GHG Conversion Factors	
2023	Bristol - London rtm	1	Rail	National	234	376.58556	16.73137169	UK GHG Conversion Factors	
2023	Bristol - Birmingham rtm x2	1	Rail	National	368	592.23712	26.31258454	UK GHG Conversion Factors	
2023	Bristol - Birmingham	1	Rail	National	184	296.11856	13.15629227	UK GHG Conversion Factors	
2023	Bristol - Ferrybridge rtm	1	Rail	National	113	181.45542	8.07967949	UK GHG Conversion Factors	
2023	Bristol - London rtm	1	Rail	National	234	376.58556	16.73137169	UK GHG Conversion Factors	
2023	Bristol - Chester	1	Rail	National	180	287.4944	11.44025415	UK GHG Conversion Factors	
2023	Bristol - Chester	1	Rail	National	180	287.4944	11.44025415	UK GHG Conversion Factors	
2023	Heathrow Express to Paddington	1	Rail	National	17	27.38978	1.15527003	UK GHG Conversion Factors	
2023	Reading - Bristol rtm	1	Rail	National	164	263.93176	11.7262605	UK GHG Conversion Factors	
2023	London - Bristol	1	Rail	National	117	188.29278	8.36568546	UK GHG Conversion Factors	
2023	Reading - Bristol rtm	1	Rail	National	164	263.93176	11.7262605	UK GHG Conversion Factors	
2023	London - Bristol	1	Rail	National	117	188.29278	8.36568546	UK GHG Conversion Factors	
2023	Reading - Bristol rtm	1	Rail	National	164	263.93176	11.7262605	UK GHG Conversion Factors	
2023	Reading - Bristol rtm	1	Rail	National	164	263.93176	11.7262605	UK GHG Conversion Factors	
2023	Reading - Bristol rtm	1	Rail	National	164	263.93176	11.7262605	UK GHG Conversion Factors	
2023	Bristol - Reading	1	Rail	National	82	131.96588	5.861330251	UK GHG Conversion Factors	
2023	Reading - London	1	Rail	National	36	57.83624	2.74307183	UK GHG Conversion Factors	
2023	Reading - Bristol rtm	1	Rail	National	164	263.93176	11.7262605	UK GHG Conversion Factors	
2023	Reading - Bristol rtm	1	Rail	National	164	263.93176	11.7262605	UK GHG Conversion Factors	
2023	Reading - Bristol rtm	1	Rail	National	164	263.93176	11.7262605	UK GHG Conversion Factors	
2023	Reading - Bristol rtm	1	Rail	National	164	263.93176	11.7262605	UK GHG Conversion Factors	
2023	London - Bristol	1	Rail	National	117	188.29278	8.36568546	UK GHG Conversion Factors	
2023	Reading - Bristol TM Single Ticket	1	Rail	National	164	263.93176	11.7262605	UK GHG Conversion Factors	
2023	Bristol Temple Meads - Reading	1	Rail	National	164	263.93176	11.7262605	UK GHG Conversion Factors	
2023	Outbound trip to Birmingham	1	Rail	National	92	148.05928	6.578146135	UK GHG Conversion Factors	
2023	Return trip from Birmingham	1	Rail	National	92	148.05928	6.578146135	UK GHG Conversion Factors	
2023	Cheltenham to Heathrow	1	Rail	National	111	178.20874	7.93670871	UK GHG Conversion Factors	
2023	Bristol - Birmingham rtm	1	Rail	National	184	296.11856	13.15629227	UK GHG Conversion Factors	
2023	Return Reading - Birmingham NS	1	Rail	National	184	296.11856	13.15629227	UK GHG Conversion Factors	
2023	Reading - London return ticket	1	Rail	National	72	115.87248	5.148114367	UK GHG Conversion Factors	
2023	Grimby - Bristol rtm	1	Rail	National	444	714.54498	31.74670526	UK GHG Conversion Factors	
2023	Grimby - Bristol rtm	1	Rail	National	444	714.54498	31.74670526	UK GHG Conversion Factors	
2023	Grimby - Bristol rtm	1	Rail	National	444	714.54498	31.74670526	UK GHG Conversion Factors	
2023	Chapelw - London rtm	1	Rail	National	260	418.4294	18.9041209	UK GHG Conversion Factors	
2023	Bristol - Market Harborough rtm	1	Rail	National	270	434.5218	19.30542687	UK GHG Conversion Factors	
2023	Taxi UK	1	Taxi	unknown fuel	37.33	60.0766822	12.63403723	UK GHG Conversion Factors	
2023	Taxi UK	1	Taxi	unknown fuel	23.04	37.3889139	7.32889139	UK GHG Conversion Factors	
2023	Uber	1	Taxi	Uber	11.7	11.5388976	2.141488576	UK GHG Conversion Factors	
2023	Uber	1	Taxi	Uber	11.88	19.189592	3.64820728	UK GHG Conversion Factors	
2023	Bartan Taxis	1	Taxi	unknown fuel	80	128.7472	27.0753438	UK GHG Conversion Factors	
2023	Bristol Airport	1	Taxi	unknown fuel	26.5	42.673824	11.37164883	UK GHG Conversion Factors	
2023	onwards travel solutions	1	Taxi	unknown fuel	30.4	48.92338	10.2863466	UK GHG Conversion Factors	
2023	Bristol Airport	1	Taxi	unknown fuel	33.6	54.073824	11.37164883	UK GHG Conversion Factors	
2023	Uber	1	Taxi	Uber	38.71	30.1107514	5.68912762	UK GHG Conversion Factors	
2023	Bristol Airport Taxi	1	Taxi	unknown fuel	33.6	54.073824	11.37164883	UK GHG Conversion Factors	
2023	Bristol Airport Taxi +441179830126	1	Taxi	unknown fuel	33.6	54.073824	11.37164883	UK GHG Conversion Factors	
2023	Sumup *Bristol Taxi Bristol	1	Taxi	unknown fuel	33.6	54.073824	11.37164883	UK GHG Conversion Factors	
2023	Bristol Airport Taxi +441179830126	1	Taxi	unknown fuel	33.6	54.073824	11.37164883	UK GHG Conversion Factors	
2023	Bristol Airport Taxi +441179830126	1	Taxi	unknown fuel	33.6	54.073824	11.37164883	UK GHG Conversion Factors	
2023	Uber	1	Taxi	Uber	12.79	20.5834586	3.819097579	UK GHG Conversion Factors	
2023	Bristol Airport Taxi +441179830126	1	Taxi	unknown fuel	33.6	54.073824	11.37164883	UK GHG Conversion Factors	
2023	Bristol Airport Taxi +441179830126	1	Taxi	unknown fuel	33.6	54.073824	11.37164883	UK GHG Conversion Factors	
2023	Bristol Airport Taxi +441179830126	1	Taxi	unknown fuel	33.6	54.073824	11.37164883	UK GHG Conversion Factors	
2023	Bristol Airport Taxi +441179830126	1	Taxi	unknown fuel	33.6	54.073824	11.37164883	UK GHG Conversion Factors	
2023	Bristol Airport Taxi +441179830126	1	Taxi	unknown fuel	33.6	54.073824	11.37164883	UK GHG Conversion Factors	
2023	Uber	1	Taxi	Uber	20.75	33.393805	6.19741921	UK GHG Conversion Factors	
2023	Uber	1	Taxi	Uber	3.62	5.8258108	1.08187741	UK GHG Conversion Factors	
2023	Uber	1	Taxi	Uber	5.81	6.1315854	1.137951616	UK GHG Conversion Factors	
2023	Uber	1	Taxi	Uber	1.2	1.94888	0.065746086	UK GHG Conversion Factors	
2023	Uber	1	Taxi	Uber	6.33	10.1871222	1.890585194	UK GHG Conversion Factors	
2023	Central Taxis	1	Taxi	unknown fuel	23.24	37.401016	7.86330041	UK GHG Conversion Factors	
2023	City Cabs	1	Taxi	unknown fuel	26.44	42.593475	8.47781077	UK GHG Conversion Factors	
2023	Central Taxis	1	Taxi	unknown fuel	23.24	37.401016	7.86330041	UK GHG Conversion Factors	
2023	City Cabs	1	Taxi	unknown fuel	24	38.62416	8.12206308	UK GHG Conversion Factors	
2023	Central Taxis	1	Taxi	unknown fuel	23.64	38.0447976	8.00076713	UK GHG Conversion Factors	
2023	Now Miles	1	Taxi	unknown fuel	32	51.48818	10.8301474	UK GHG Conversion Factors	
2023	Central Taxis	1	Taxi	unknown fuel	26.44	42.593475	8.48440416	UK GHG Conversion Factors	
2023	City Cabs	1	Taxi	unknown fuel	23.1	37.616556	7.91954115	UK GHG Conversion Factors	
2023	Sumup - Venetistid	1	Taxi	unknown fuel	23.6	37.989424	7.98729534	UK GHG Conversion Factors	
2023	James Hutchison	1	Taxi	unknown fuel	23.04	37.3889139	7.32889139	UK GHG Conversion Factors	
2023	Transport services - Sumup	1	Taxi	unknown fuel	25.64	41.2634776	8.87765107	UK GHG Conversion Factors	
2023	Bristol Airport Taxi +441179830126	1	Taxi	unknown fuel	67.2	108.147648	22.7432976	UK GHG Conversion Factors	
2023	TaxiLondon Taxi 78219 Glasgow	1	Taxi	unknown fuel	12.16	19.692744	4.11563261	UK GHG Conversion Factors	
2023	Cmt UK Ltd Taxi Fare London	1	Taxi	unknown fuel	5.12	8.2398208	1.73282879	UK GHG Conversion Factors	
2023	Driver8 Ltd London	1	Taxi	unknown fuel	17.28	27.803952	5.84827651	UK GHG Conversion Factors	
2023	TaxiLondon Taxi 0845 Glasgow	1	Taxi	unknown fuel	26.4	42.593475	8.48239518	UK GHG Conversion Factors	
2023	Central Radio Taxis	1	Taxi	unknown fuel	27.6	44.417784	9.340697254	UK GHG Conversion Factors	
2023	Sumup *Bristol Airport Bristol	1	Taxi	unknown fuel	33.6	54.073824	11.37164883	UK GHG Conversion Factors	
2023	Taxi UK	1	Taxi	unknown fuel	23.04	37.3889139	7.32889139	UK GHG Conversion Factors	
2023	Taxi UK	1	Taxi	unknown fuel	41.04	65.827938	21.3357262	UK GHG Conversion Factors	
2023	Adam Mabon	1	Taxi	unknown fuel	28.08	45.1902872	9.5034938	UK GHG Conversion Factors	
2023	Bristol Airport Taxi +441179830126	1	Taxi	unknown fuel	67.2	108.147648	22.7432976	UK GHG Conversion Factors	
2023	Uber	1	Taxi	Uber	11.15	17.84141	3.30177714	UK GHG Conversion Factors	
2023	Uber	1	Taxi	Uber	23.14	37.2491276	6.91123877	UK GHG Conversion Factors	
2023	Uber	1	Taxi	Uber	45.14	72.8460676	13.481893	UK GHG Conversion Factors	
2023	Capital Cabs	1	Taxi	unknown fuel	28	45.016	9.47874028	UK GHG Conversion Factors	
2023	Bristol Taxi Bristol	1	Taxi	unknown fuel	56	90.12334	18.9527485	UK GHG Conversion Factors	
2023	Central Taxis	1	Taxi	unknown fuel	23.64	38.0447976	8.00076713	UK GHG Conversion Factors	
2023	Bristol Airport Taxi +441179830126	1	Taxi	unknown fuel	78.4	126.172256	26.53384727	UK GHG Conversion Factors	
2023	taxi UK	1	Taxi	unknown fuel	48	77.24832	15.24421282	UK GHG Conversion Factors	
2023	Bristol Airport Taxi +441179830126	1	Taxi	unknown fuel	67.2	108.147648	22.7432976	UK GHG Conversion Factors	
2023	Bristol Airport Taxi +441179830126	1	Taxi	unknown fuel	70.4	113.297536	23.8283118	UK GHG Conversion Factors	
2023	Bristol Airport Taxi +441179830126	1	Taxi	unknown fuel	67.2	108.147648	22.7432976	UK GHG Conversion Factors	
2023	Bristol Airport Taxi +441179830126	1	Taxi	unknown fuel	67.2	108.147648	22.7432976	UK GHG Conversion Factors	
2023	Checker Cab CALGARY	1	Taxi	unknown fuel	24.17	38.8977478	8.18014138	UK GHG Conversion Factors	
2023	taxi UK	1	Taxi	unknown fuel	23.52	38.2787328	7.41884708	UK GHG Conversion Factors	
2023	taxi UK	1	Taxi	unknown fuel	31.6	50.673824	11.37164883	UK GHG Conversion Factors	
2023	Central Taxis	1	Taxi	unknown fuel	11.84	19.0548565	4.007152445	UK GHG Conversion Factors	
2023	Bristol Airport Taxi +441179830126	1	Taxi	unknown fuel	67.2	108.147648	22.7432976	UK GHG Conversion Factors	
2023	Taxi 9485	1	Taxi	unknown fuel	24.8	39.91632	8.39335965	UK GHG Conversion Factors	
2023	Central Taxis	1	Taxi	unknown fuel	23.84	38.3666565	8.08465559	UK GHG Conversion Factors	
2023	Bristol Airport Taxi	1	Taxi	unknown fuel	67.2	108.147648	22.7432976	UK GHG Conversion Factors	
2023	Bristol Airport Taxi	1	Taxi	unknown fuel	67.2	108.147648	22.7432976	UK GHG Conversion Factors	
2023	Edin 121	1	Taxi	unknown fuel	22.8	36.967592	7.16675992	UK GHG Conversion Factors	
2023	Bristol Airport Taxi	1	Taxi	unknown fuel	33.6	54.073824	11.37164883	UK GHG Conversion Factors	
2023	Bristol Airport Taxi	1	Taxi	unknown fuel	33.6	54.073824	11.37164883	UK GHG Conversion Factors	

Date	Description	Number of Passengers	Mode of Transport	Type	Distance (miles)	Distance (km)	Total Emission kgCO ₂ e	Emission Factor Source	Data Source
2023	Adem Mabon	1	Taxi	unknown fuel	23.04	38.047076	8.00076213	UK GHG Conversion Factors	
2023	Sunup "Bristol Online Bristol"	1	Taxi	unknown fuel	7.2	11.587248	2.43671889	UK GHG Conversion Factors	
2023		1	Taxi	Uber	140	229.79166	44.50100816	UK GHG Conversion Factors	
2023		1	Taxi	Uber	81.24	130.7427816	24.26400335	UK GHG Conversion Factors	
2023		1	Taxi	Uber	104.24	167.7678016	31.13342822	UK GHG Conversion Factors	
2023		1	Taxi	Uber	146.56	238.8648704	43.77171	UK GHG Conversion Factors	
2023		1	Taxi	Uber	171.18	281.9326212	52.81974645	UK GHG Conversion Factors	
2023		1	Taxi	Uber	93.31	150.1675154	27.86808805	UK GHG Conversion Factors	
2023		1	Taxi	Uber	235.51	379.0156834	79.33982401	UK GHG Conversion Factors	
2023		1	Taxi	Uber	60.1	128.981741	23.92318811	UK GHG Conversion Factors	
2023		1	Taxi	Uber	38.54	62.0236936	11.51076673	UK GHG Conversion Factors	
2023		1	Taxi	Uber	21.38	34.4078892	6.385678429	UK GHG Conversion Factors	
2023		1	Taxi	Uber	13.95	17.783207	3.300310647	UK GHG Conversion Factors	
2023		1	Taxi	Uber	8.83	27.0818622	5.026620995	UK GHG Conversion Factors	
2023		1	Taxi	Uber	25.56	41.1347304	7.634021732	UK GHG Conversion Factors	
2023		1	Taxi	Uber	22.34	35.9526555	6.87200225	UK GHG Conversion Factors	
2023		1	Taxi	Uber	19.95	32.136333	5.958479404	UK GHG Conversion Factors	
2023		1	Taxi	Uber	19.95	32.136333	5.958479404	UK GHG Conversion Factors	
2023		1	Taxi	Uber	9.53	15.3370102	2.845331284	UK GHG Conversion Factors	
2023		1	Taxi	Uber	7.13	11.4745842	2.129521712	UK GHG Conversion Factors	
2023		1	Taxi	Uber	6.33	10.1671222	1.880581194	UK GHG Conversion Factors	
2023		1	Taxi	Uber	2	3.21868	0.5873412936	UK GHG Conversion Factors	
2023		1	Taxi	Uber	2	3.21868	0.5873412936	UK GHG Conversion Factors	
2023		1	Taxi	Uber	5	8.0467	1.493353234	UK GHG Conversion Factors	
2023		1	Taxi	Uber	5	8.0467	1.493353234	UK GHG Conversion Factors	
2023		1	Taxi	Uber	13.57	21.8387438	4.052600977	UK GHG Conversion Factors	
2023		1	Taxi	Uber	15	24.1401	4.480597072	UK GHG Conversion Factors	
2023		1	Taxi	Uber	15	24.1401	4.480597072	UK GHG Conversion Factors	
2023		1	Taxi	Uber	10	16.0934	2.988708468	UK GHG Conversion Factors	
2023		1	Taxi	Uber	10	16.0934	2.988708468	UK GHG Conversion Factors	
2023		1	Taxi	Uber	7	11.26538	2.008642618	UK GHG Conversion Factors	
2023	Average Abroad	1	Car (average size)	unknown fuel	267.49	430.4823566	90.5283172	UK GHG Conversion Factors	
2023	Average Abroad	1	Car (average size)	unknown fuel	458.33	737.6088022	155.1180899	UK GHG Conversion Factors	
2023	Average Abroad	1	Car (average size)	unknown fuel	424.42	681.2880232	142.3261079	UK GHG Conversion Factors	
2023	Average Abroad	1	Car (average size)	unknown fuel	366.67	433.5329778	103.7698665	UK GHG Conversion Factors	
2023	Average Abroad	1	Car (average size)	unknown fuel	54.2	87.228228	18.34355258	UK GHG Conversion Factors	
2023	Average Abroad	1	Car (average size)	unknown fuel	645	1021.9309	214.9160252	UK GHG Conversion Factors	
2023	Average Abroad	1	Car (average size)	unknown fuel	828.9101	134.2976971	174.2976971	UK GHG Conversion Factors	
2023	Average Abroad	1	Car (average size)	unknown fuel	1322.11	2127.724507	447.4574504	UK GHG Conversion Factors	
2023	Average Abroad	1	Car (average size)	unknown fuel	653	1050.89902	221.00299	UK GHG Conversion Factors	
2023	Average Abroad	1	Car (average size)	unknown fuel	696	1120.10946	235.5558259	UK GHG Conversion Factors	
2023	Average Abroad	1	Car (average size)	unknown fuel	130	370.1482	77.84164378	UK GHG Conversion Factors	
2023	Average Abroad	1	Car (average size)	unknown fuel	1516	2439.75844	513.0779651	UK GHG Conversion Factors	
2023	Average Abroad	1	Car (average size)	unknown fuel	637.31	1031.976375	227.5378939	UK GHG Conversion Factors	
2023	Average Abroad	1	Car (average size)	unknown fuel	154.13	248.0475742	52.16454542	UK GHG Conversion Factors	
2023	Average Abroad	1	Car (average size)	unknown fuel	1588.84	2556.983766	537.7300752	UK GHG Conversion Factors	
2023	Average Abroad	1	Car (average size)	unknown fuel	257	413.0038	86.97957589	UK GHG Conversion Factors	
2023	Average Abroad	1	Car (average size)	unknown fuel	478.75	770.4715265	162.0200732	UK GHG Conversion Factors	
2023	Average car	1	Car (average size)	unknown fuel	4880	7853.5792	1651.596616	UK GHG Conversion Factors	
2023	Average car	1	Car (average size)	unknown fuel	630.8	1015.171672	213.4891691	UK GHG Conversion Factors	
2023	Average car	1	Car (average size)	unknown fuel	392	630.86128	132.4662294	UK GHG Conversion Factors	
2023	Average car (Bradley Tomsom	1	Car (average size)	unknown fuel	147	436.97208	49.7056263	UK GHG Conversion Factors	
2023	Average car (Bradley Tomsom	1	Car (average size)	unknown fuel	68	109.43512	23.9143512	UK GHG Conversion Factors	
2023	Average car (Bradley Tomsom	1	Car (average size)	unknown fuel	213	342.78842	72.08813098	UK GHG Conversion Factors	
2023	Average car (Bradley Tomsom	1	Car (average size)	unknown fuel	187	491.88559	97.13233731	UK GHG Conversion Factors	
2023	Average car (Bradley Tomsom	1	Car (average size)	unknown fuel	369	593.84646	124.885072	UK GHG Conversion Factors	
2023	Average car (Bradley Tomsom	1	Car (average size)	unknown fuel	260	418.4284	87.04401917	UK GHG Conversion Factors	
2023	Average car (Bradley Tomsom	1	Car (average size)	unknown fuel	30	48.2602	10.15325788	UK GHG Conversion Factors	
2023	Average car (Bradley Tomsom	1	Car (average size)	unknown fuel	100	321.868	37.6836503	UK GHG Conversion Factors	
2023	Average car (Bradley Tomsom	1	Car (average size)	unknown fuel	130	209.2142	47.99745083	UK GHG Conversion Factors	
2023	Average car (Bradley Tomsom	1	Car (average size)	unknown fuel	130	209.2142	43.99745083	UK GHG Conversion Factors	
2023	Average car (Bradley Tomsom	1	Car (average size)	unknown fuel	408	658.40072	158.0640072	UK GHG Conversion Factors	
2023	Average car	1	Car (average size)	unknown fuel	236	383.71084	76.48797608	UK GHG Conversion Factors	
2023	Average car	1	Car (average size)	unknown fuel	100	160.934	33.84419295	UK GHG Conversion Factors	
2023	Average car	1	Car (average size)	unknown fuel	30	32.1868	6.76838559	UK GHG Conversion Factors	
2023	Average car	1	Car (average size)	unknown fuel	60	267.4544	13.15078573	UK GHG Conversion Factors	
2023	Average car	1	Car (average size)	unknown fuel	40	64.3736	13.53787178	UK GHG Conversion Factors	
2023	Average car	1	Car (average size)	unknown fuel	127	204.38618	42.98212504	UK GHG Conversion Factors	
2023	Average car	1	Car (average size)	unknown fuel	394	328.35356	69.04215061	UK GHG Conversion Factors	
2023	Fuel for hier car scotland	2	Car (average size)	unknown fuel	103.53	166.647157	17.5228303	UK GHG Conversion Factors	
2023	Fuel for hier car scotland	2	Car (average size)	unknown fuel	212.3	341.662882	35.92681081	UK GHG Conversion Factors	
2023	Average car	1	Car (average size)	unknown fuel	215	346.0281	72.76931484	UK GHG Conversion Factors	
2023	George driving Bristol - chester rim	2	Car (average size)	Petrol	114	505.32376	52.91322265	UK GHG Conversion Factors	
2023	Taxi	2	Car (average size)	Battery Electric	224	360.49216	2.18998872	UK GHG Conversion Factors	
2023	Taxi	2	Car (average size)	Battery Electric	256	411.99194	2.502845581	UK GHG Conversion Factors	
2023	Taxi	2	Car (average size)	Battery Electric	364	424.86976	2.581050492	UK GHG Conversion Factors	
2023	Taxi	3	Car (average size)	Battery Electric	138	527.86362	2.137847258	UK GHG Conversion Factors	
2023	Medium petrol	1	Car (average size)	Petrol	152.78	245.8749652	51.40077482	UK GHG Conversion Factors	
2023	Medium petrol	1	Car (average size)	Petrol	138.89	223.6212326	46.8094889	UK GHG Conversion Factors	
2023	Medium petrol	1	Car (average size)	Petrol	144	553.61296	115.9381454	UK GHG Conversion Factors	
2023	Medium petrol	1	Car (average size)	Petrol	186	540.73824	113.2408096	UK GHG Conversion Factors	
2023	Medium petrol	1	Car (average size)	Petrol	150	241.401	50.55384358	UK GHG Conversion Factors	
2023	Medium petrol	1	Car (average size)	Petrol	115	346.0281	72.4650917	UK GHG Conversion Factors	
2023	Medium petrol	1	Car (average size)	Petrol	146	395.89764	82.9030347	UK GHG Conversion Factors	
2023	Medium petrol	2	Car (average size)	Petrol	275.11	362.2785274	37.0339191	UK GHG Conversion Factors	
2023	Medium petrol	2	Car (average size)	Petrol	29.29	47.1375969	4.935740249	UK GHG Conversion Factors	
2023	Medium petrol	2	Car (average size)	Petrol	62.4	84.329416	8.930071344	UK GHG Conversion Factors	
2023	Medium petrol	2	Car (average size)	Petrol	151.56	263.3489304	26.21383032	UK GHG Conversion Factors	
2023	Medium petrol	2	Car (average size)	Petrol	84	135.19458	14.1600767	UK GHG Conversion Factors	
2023	Taxi	1	Car (average size)	Battery Electric	138	543.86992	6.009076579	UK GHG Conversion Factors	
2023	Taxi	1	Car (average size)	Battery Electric	144	553.61296	6.726307464	UK GHG Conversion Factors	
2023	Medium Diesel	1	Car (average size)	Diesel	83	131.96588	27.8812825	UK GHG Conversion Factors	
2023	Medium Diesel	1	Car (average size)	Diesel	684	1088.81716	225.7705851	UK GHG Conversion Factors	
2023	Medium Diesel	2	Car (average size)	Diesel	456	733.85504	77.6255556	UK GHG Conversion Factors	
2023	Medium Diesel	2	Car (average size)	Diesel	187	300.94558	31.79146236	UK GHG Conversion Factors	
2023	Medium Diesel	1	Car (average size)	Diesel	206	331.52404	70.04522189	UK GHG Conversion Factors	
2023	Medium Diesel	1	Car (average size)	Diesel	84	135.19458	26.56151076	UK GHG Conversion Factors	
2023	Medium Diesel	1	Car (average size)	Diesel	171.2	275.519008	58.21687781	UK GHG Conversion Factors	
2023	Tube	1	Rail	National	3.7	5.954558	0.264558772	UK GHG Conversion Factors	

Total					4593.14867				
					Percentage of trips	Emissions	Percentage of emissions	Last year	
Train					88	2.4%	1040.18	2%	316.76
Personal Car					102	28%	784.147	17%	677.01
Taxi					102	28%	1193.43	3%	407.49
Plane					33	9%	3401.713	75%	2460.84
Co-wheels					4	1%	196.82	0%	1158.47
Bectric Co-wheels					3	1%	6.32	0%	0
Hybrid Co-wheels					28	8%	1069.90	2%	943.78
Bus					0	0%	0	0%	5.44
Total					340	100%	45483.05	100%	

Date	Description	Number of Passengers	Mode of Transport	Type	Distance (miles)	Distance (kms)	Total Emission kgCO2e	Emission Factor Source	Data Source
					11365.12	This would be our carbon emissions for transport if we didn't fly at all Equivalent to around 6 UK homes electricity use per year			

[illegible]

Order Date	Facility ID	Category	Weight (kg) / Value (\$/£)	Emissions Factor (kgCO2e) / Source	Consumption Emission (kgCO2e)
2023	1	Stationary	92.238	0.0937	8.6427006
2023	1	Food & Drink	1374.0564	3.7014	5085.932359
2023	1	Cleaning & hygiene Supplies	148.131	0.0937	13.8798747
2023	1	General Post - Royal Mail	519	0.025	12.975
2023	1	Legal Post - DHL			215.24
2023	1	DocSign			-305.268
		Emails (Avg per day) - 22.5			
		Video calls (Avg per day) - 3			
		Cloud Data - 1.1TB			
		Website emissions -10,000 monthly views = 371.23 kg CO2			
2023	1	Digital Carbon Footprint	(boiling 50,302 cups of tea)		1145.23
Total					6176.631934

Year	Facility ID	Product	Unit of measurement	Value	Emission factor	Delivery Method	Consumption Emission (kgCO2e)
2023	1	First Aid kit located here Safety Sign Self adhesive Vinyl sticker Emergency Safety Sign for Home, Office, Workplace High-Grade Decal for Quick Reference First Aid Preparedness	\$	4.49	0.094	Local - vehicle collect	0.420713
2023	1	Inateck 360° Protection 13-13.3 Inch Laptop Bag Sleeve Case Compatible with 13 MacBook Pro/Air M1 2022-2012, 14 MacBook Pro M3/M2/M1 Pro/Max 2023-2021, Surface Pro X/9/8/7/6/5/4/3/MateBook D14/XPS 13	\$	14.98	0.094	Local - vehicle collect	1.403626
2023	1	PHILIPS 273V7QDAB - 27 Inch FHD Monitor, 75Hz, 4ms, IPS, Speakers, Smart Image, Narrow Border, LowBlue Mode (1920 x 1080, 250 cd/m², HDMI/VGA/DVI)	Kg	4.5	25.559	Local - vehicle collect	115.0169944
2023	1	Mercury Handheld Magnifying Glass 6 x Magnification, Black	\$	60.22	0.094	Local - vehicle collect	5.642614
2023	1	Amazon Basics AAA Alkaline Batteries, High-Performance (Triple A), 10-Year Shelf Life, 12-Pack	Kg	122.49	5.327	Local - vehicle collect	652.5449065
2023	1	SOUNDANCE Laptop Stand for Desk, Metal Computer Riser, Heavy Stable PC Holder, Ergonomic Laptops Elevator for 12 to 17.3 Inches Notebook Computer, Silver	\$	51.97	0.094	Local - vehicle collect	4.869589
2023	1	Microsoft Modern Mobile Mouse Bluetooth Forest	Kg	0.078	6.342	Local - vehicle collect	0.4946605623
2023	1	Philips 273V7QJAB - 27 Inch FHD Monitor, 75Hz, 4ms, IPS, Speakers, Smart Image, Narrow Border, LowBlue Mode (1920 x 1080, 250 cd/m², HDMI/VGA/DVI)	Kg	9	25.559	Local - vehicle collect	230.0339887
2023	1	TECHTOBOX USB-C to HDMI Cable 4K@60Hz [Braided, High Speed] 2M Type C to HDMI Cord Thunderbolt 3/4 Compatible with MacBook Pro/Air,iMac, iPad, iPhone 15/Plus/Pro/Pro Max, XPS, Galaxy, Surface and More	Kg	0.073	6.342	Local - vehicle collect	0.4629515519
2023	1	Dell SE2722HX 27 inch Full HD (1920 x 1080) Monitor, 75Hz, VA, 4ms, AMD FreeSync, HDMI, VGA, 3 Year Warranty, Black	Kg	3.8	25.559	Local - vehicle collect	97.12546191
2023	1	TECHTOBOX USB-C to HDMI Cable 4K@60Hz [Braided, High Speed] 2M Type C to HDMI Cord Thunderbolt 3/4 Compatible with MacBook Pro/Air,iMac, iPad, iPhone 15/Plus/Pro/Pro Max, XPS, Galaxy, Surface and More	Kg	0.03515	6.342	Local - vehicle collect	0.2229143431
2023	1	Dell SE2722HX 27 inch Full HD (1920 x 1080) Monitor, 75Hz, VA, 4ms, AMD FreeSync, HDMI, VGA, 3 Year Warranty, Black	Kg	7.6	25.559	Local - vehicle collect	194.2509238
2023	1	TECHTOBOX USB-C to HDMI Cable 4K@60Hz [Braided, High Speed] 2M Type C to HDMI Cord Thunderbolt 3/4 Compatible with MacBook Pro/Air,iMac, iPad, iPhone 15/Plus/Pro/Pro Max, XPS, Galaxy, Surface and More	Kg	0.073	6.342	Local - vehicle collect	0.4629515519
2023	1	TECHTOBOX USB-C to HDMI Cable 4K@60Hz [Braided, High Speed] 2M Type C to HDMI Cord Thunderbolt 3/4 Compatible with MacBook Pro/Air,iMac, iPad, iPhone 15/Plus/Pro/Pro Max, XPS, Galaxy, Surface and More	Kg	0.03515	6.342	Local - vehicle collect	0.2229143431
2023	1	Rhino - A1 Aluminium Outdoor Pavement A-board Display with Snap Frame - Silver	\$	60	0.094	Local - vehicle collect	5.622
2023	1	Microsoft Modern Mobile Mouse Bluetooth Forest	Kg	0.078	6.342	Local - vehicle collect	0.4946605623
2023	1	Camera Blocker, Webcam Cover Slide Slim Webcam Privacy Cover for Phone xs Max, Laptops Pad Devices Camera Cover Slider Laptop Camera Cover	\$	171.66	0.094	Local - vehicle collect	16.084542
2023	1	CS 6 Pack Extra Large Plastic Dust Sheets for Decorating 3.6 x 3m (12 x 10ft), Dust Sheet for Painting & Furniture, 17 Micron Plastic Sheet-Plastic Sheeting-Dust Sheets for Painting-Polythene Sheeting	\$	171.66	0.094	Local - vehicle collect	16.084542
2023	1	Philips 273V7QJAB - 27 Inch FHD Monitor, 75Hz, 4ms, IPS, Speakers, Smart Image, Narrow Border, LowBlue Mode (1920 x 1080, 250 cd/m², HDMI/VGA/DVI)	Kg	4.5	25.559	Local - vehicle collect	115.0169944
2023	1	TECHTOBOX USB-C to HDMI Cable 4K@60Hz [Braided, High Speed] 2M Type C to HDMI Cord Thunderbolt 3/4 Compatible with MacBook Pro/Air,iMac, iPad, iPhone 15/Plus/Pro/Pro Max, XPS, Galaxy, Surface and More	Kg	0.073	6.342	Local - vehicle collect	0.4629515519

2023	1	Logitech Pebble M350 Wireless Mouse with Bluetooth or USB - Silent, Slim Computer Mouse with Quiet Click for iPad, Laptop, Notebook, PC and Mac - Off White	Kg	0.19844	6.342	Local - vehicle collect	1.258467205
2023	1	Philips 273V7QJAB - 27 Inch FHD Monitor, 75Hz, 4ms, IPS, Speakers, Smart Image, Narrow Border, LowBlue Mode (1920 x 1080, 250 cd/m², HDMI/VGA/DVI)	Kg	4.5	25.559	Local - vehicle collect	115.0169944
2023	1	Nulaxy Detachable Laptop Stand for Desk, Aluminum Portable Laptop Holder with Heat Dissipation, Anti-Slip Design, Ergonomic Laptop Riser Compatible with MacBook Pro/Air Surface All 10-15.6" Laptops	\$	11.57	0.094	Local - vehicle collect	1.084109
2023	1	DOQAUS Bluetooth Headphones Over Ear, Wireless Headphones with Mic, 52 Hours Playtime, 3 EQ Modes, Foldable Headset with Soft Memory Protein Earpads, Bluetooth 5.0 & Wired Mode for Smartphone Laptop	Kg	0.251	6.342	Local - vehicle collect	1.591792322
2023	1	Nulaxy Detachable Laptop Stand for Desk, Aluminum Portable Laptop Holder with Heat Dissipation, Anti-Slip Design, Ergonomic Laptop Riser Compatible with MacBook Pro/Air Surface All 10-15.6" Laptops	\$	39.89	0.094	Local - vehicle collect	3.737693
2023	1	Logitech Pebble M350 Wireless Mouse with Bluetooth or USB - Silent, Slim Computer Mouse with Quiet Click for iPad, Laptop, Notebook, PC and Mac - Off White	Kg	0.19844	6.342	Local - vehicle collect	1.258467205
2023	1	YUEYEE Glass Jars with Lids,Kitchen Storage Containers with Airtight Bamboo Lids for Preserving Pasta Beans Tea Coffee Sugar Nut,Cereal Storage Contai	\$	158.65	0.094	Local - vehicle collect	14.865505
2023	1	Anker Thunderbolt 4 Cable 2.3 ft, Supports 8K Display / 40 Gbps Data Transfer / 100W Charging USB C to USB C Cable, for Type-C MacBooks, iPad Pro, Hub	Kg	0.254	6.342	Local - vehicle collect	1.610817728
2023	1	Philips 273V7QJAB - 27 Inch FHD Monitor, 75Hz, 4ms, IPS, Speakers, Smart Image, Narrow Border, LowBlue Mode (1920 x 1080, 250 cd/m² ½, HDMI/VGA/DVI)	Kg	13.5	25.559	Local - vehicle collect	345.0509831
2023	1	Logitech Pebble M350 Wireless Mouse with Bluetooth or USB - Silent, Slim Computer Mouse with Quiet Click for iPad, Laptop, Notebook, PC and Mac - Off	Kg	0.29766	6.342	Local - vehicle collect	1.887700807
2023	1	TECHTOBOX USB-C to HDMI Cable 4K@60Hz [Braided, High Speed] 2M Type C to HDMI Cord Thunderbolt 3/4 Compatible with MacBook Pro/Air,iMac, New iPad,XPS,G	Kg	0.0351	6.342	Local - vehicle collect	0.222597253
2023	1	Replacement Acer Laptop Charger 65W, Ywcking AC Power Adapter for Acer Aspire and More	Kg	0.72	6.342	Local - vehicle collect	4.566097498
2023	1	Logitech Pebble M350 Wireless Mouse with Bluetooth or USB - Silent, Slim Computer Mouse with Quiet Click for iPad, Laptop, Notebook, PC and Mac - Off	Kg	0.19844	6.342	Local - vehicle collect	1.258467205
2023	1	Logitech Pebble M350 Wireless Mouse with Bluetooth or USB - Silent, Slim Computer Mouse with Quiet Click for iPad, Laptop, Notebook, PC and Mac - Off	Kg	0.59532	6.342	Local - vehicle collect	3.775401615
2023	1	Logitech Pebble M350 Wireless Mouse with Bluetooth or USB - Silent, Slim Computer Mouse with Quiet Click for iPad, Laptop, Notebook, PC and Mac - Off	Kg	0.59532	6.342	Local - vehicle collect	3.775401615
2023	1	Logitech Pebble M350 Wireless Mouse with Bluetooth or USB - Silent, Slim Computer Mouse with Quiet Click for iPad, Laptop, Notebook, PC and Mac - Off	Kg	0.59532	6.342	Local - vehicle collect	3.775401615
2023	1	Active Noise Cancelling Headphones, 100H Playtime Headphones Wireless Bluetooth, Wireless Headphones with Microphone, Over- Ear Wireless Headphones wi	Kg	0.66	6.342	Local - vehicle collect	4.185589373
2023	1	PHILIPS 273V7QDAB - 27 Inch FHD Monitor, 75Hz, 4ms, IPS, Speakers, Smart Image, Narrow Border, LowBlue mode (1920 x 1080, 250 cd/m² ½, HDMI/VGA/DVI)	Kg	4.5	25.559	Local - vehicle collect	115.0169944
2023	1	TECHTOBOX USB-C to HDMI Cable 4K@60Hz [Braided, High Speed] 2M Type C to HDMI Cord Thunderbolt 3/4 Compatible with MacBook Pro/Air,iMac, New iPad,XPS,G	Kg	0.0702	6.342	Local - vehicle collect	0.4451945061
2023	1	CLEEFUN USB C to USB C Cable [1M,2-Pack], PD 60W QC 3.0 Type C to C Fast Charger Charging Lead Compatible With Samsung Galaxy S20 S21 S22 S23 Ultra PI	Kg	0.15	6.342	Local - vehicle collect	0.9512703121

2023	1	Logitech Pebble Wireless Mouse with Bluetooth or 2.4 GHz Receiver, Silent, Slim Computer Mouse with Quiet Clicks, for Laptop/Notebook/iPad/PC/Mac/Chro	Kg	720	6.342	Local - vehicle collect	4566.097498
2023	1	Griffin Elevator Computer Laptop Stand - Silver/Clear	\$	34.96	0.094	Local - vehicle collect	3.275752
2023	1	Logitech Pebble Wireless Mouse with Bluetooth or 2.4 GHz Receiver, Silent, Slim Computer Mouse with Quiet Clicks For Laptop, Notebook, iPad, PC and Ma	Kg	0.1	6.342	Local - vehicle collect	0.6341802081
2023	1	TECHTOBOX USB-C to HDMI Cable 4K@60Hz [Braided, High Speed] 2M Type C to HDMI Cord Thunderbolt 3/4 Compatible with MacBook Pro/Air,iMac, New iPad,XPS,G	Kg	0.31635	6.342	Local - vehicle collect	2.006229088
2023	1	VonHaus Tower Fan 35", Electric Fan for Cooling, Oscillating Fan with Timer for Any Space, Remote Control Standing Fan Cools Bedrooms & Family Rooms, Floor Fan with 3 Breeze Speeds, 2 Year Warranty	Kg	3	6.342	Local - vehicle collect	19.02540624
2023	1	USB C Laptop Docking Station Dual Displayport, 15 IN 1 Multiple Display Thunderbolt Docking Station Dual Monitor for MacBook/Dell, 2*DP+ HDMI, 100W PD	Kg	0.1	6.342	Local - vehicle collect	0.6341802081
2023	1	Loxmeer Bike Lock, Heavy Duty Bicycle Lock, 90cm High Security Chain	\$	7.07	0.094	Local - vehicle collect	0.662459
2023	1	GraduatePro Eucalyptus Garland Artificial Foliage Artificial Greenery Vines Faux Silver Dollar Foliage Green Fake Leaves Vine Faux Botanical for Decor	\$	28.24	0.094	Local - vehicle collect	2.646088
2023	1	uni USB C to HDMI Cable 4K [Braided, Aluminum] USB Type C to HDMI Cable (Thunderbolt 3/4 Compatible) for MacBook Pro/Air 2020, iPad Air 4, iPad Pro 20	Kg	0.052	6.342	Local - vehicle collect	0.3297737082
2023	1	Philips 273V7QJAB - 27 Inch FHD Monitor, 75Hz, 4ms, IPS, Speakers, Smart Image, Narrow Border, LowBlue Mode (1920 x 1080, 250 cd/m², HDMI/VGA/DVI)	Kg	4.5	25.559	Local - vehicle collect	115.0169944
2023	1	JLab Go Work Wireless Headsets with Microphone - 45+ Playtime Bluetooth Headset for PC, Multipoint Connect to Computer & Mobile - On Ear Wired or Wire	Kg	0.272	6.342	Local - vehicle collect	1.724970166
2023	1	Logitech Pebble Wireless Mouse with Bluetooth or 2.4 GHz Receiver, Silent, Slim Computer Mouse with Quiet Clicks, for Laptop/Notebook/iPad/PC/Mac/Chromebook	Kg	0.138	6.342	Local - vehicle collect	0.8751686871
2023	1	KTRIO Mouse Mat 3 Pack [30% Larger] with Stitched Edges, 280x220x3mm Mousepad Gaming Mouse Pad Mat, Waterproof Mouse Mats with Non-Slip Rubber Base, M	\$	6.37	0.094	Local - vehicle collect	0.596869
2023	1	Glass Food Jar With Bamboo Lid Natural Eco-Friendly Cover, Healthy And Safe, Silicone Ring For Airtight Sealing, Clear Canister Container For Kitchen Storage, For Seeds, Coffee, Flour, Sugar (1, 0.8L)	\$	6.62	0.094	Local - vehicle collect	0.620294
2023	1	Allmax AAA Maximum Power Alkaline Triple A Batteries (24 Count) - Ultra Long-Lasting, 10-Year Shelf Life, Leakproof Design, 1.5V	Kg	0.2736	5.327332081	Local - vehicle collect	1.457558057
2023	1	Zodiac 86121 Polypropylene Measuring Jug 1.0 L	\$	24.15	0.094	Local - vehicle collect	2.262855
2023	1	uni USB C to HDMI Cable 4K@30HZ [Braided, Aluminium Alloy], USB Type C to HDMI Cable (Thunderbolt 3 Compatible) Up to 4K, Compatible with iPad Pro/Air, MacBook, Galaxy, Huawei P40 etc. - 1.8 m	Kg	0.14	6.342	Local - vehicle collect	0.8878522913
2023	1	Dell SE2722HX 27 inch Full HD (1920 x 1080) Monitor, 75Hz, VA, 4ms, AMD FreeSync, HDMI, VGA, 3 Year Warranty, Black	Kg	3.8	25.559	Local - vehicle collect	97.12546191
2023	1	uni USB C to HDMI Cable 4K@30HZ [Braided, Aluminium Alloy], USB Type C to HDMI Cable (Thunderbolt 3 Compatible) Up to 4K, Compatible with iPad Pro/Air, MacBook, Galaxy, Huawei P40 etc. - 1.8 m	Kg	0.052	6.342	Local - vehicle collect	0.3297737082
2023	1	Dell SE2722HX 27 inch Full HD (1920 x 1080) Monitor, 75Hz, VA, 4ms, AMD FreeSync, HDMI, VGA, 3 Year Warranty, Black	Kg	3.8	25.559	Local - vehicle collect	97.12546191

2023	1	JLab Go Work Wireless Headsets with Microphone - 45+ Playtime Bluetooth Headset for PC, Multipoint Connect to Computer & Mobile - On Ear Wired or Wire	Kg	0.544	6.342	Local - vehicle collect	3.449940332
2023	1	uni USB C to HDMI Cable 4K@30HZ [Braided, Aluminium Alloy], USB Type C to HDMI Cable (Thunderbolt 3 Compatible) Up to 4K, Compatible with iPad Pro/Air, MacBook, Galaxy, Huawei P40 etc. - 1.8 m	Kg	0.052	6.342	Local - vehicle collect	0.3297737082
2023	1	Microsoft WS2-00003 Surface Bluetooth Keyboard - Grey (UK Layout)	Kg	0.41901	6.342	Local - vehicle collect	2.65727849
2023	1	Philips 273V7QDAB - 27 Inch FHD Monitor, 75Hz, 4ms, IPS, Speakers, Smart Image, Narrow Border, LowBlue Mode (1920 x 1080, 250 cd/m², HDMI/VGA/DVI)	Kg	4.5	25.559	Local - vehicle collect	115.0169944
2023	1	USB C to USB C Cable 2M,NIMASO USB Type C 100W 20V/5A PD Fast Charging Data Cable Lead with E-Mark Chip for MacBook,iPad mini6/Pro 2021, MacBook Air,Ch	Kg	0.0705	6.342	Local - vehicle collect	0.4470970467
2023	1	YUWAKAYI Bluetooth Headset with Noise Canceling Microphone, V5.0, Mic Mute, Wireless Handsfree Headphone for Laptop, Cell Phone, Tablet, Call Center,	Kg	0.18	6.342	Local - vehicle collect	1.141524374
2023	1	Microsoft Surface Laptop 3 Ultra-Thin 13.5" Touchscreen Laptop (Platinum) - Intel 10th Gen Quad Core i5, 8GB RAM, 256GB SSD, Windows 10 Home, 2019 Edi	Kg	1.2	25.559	Local - vehicle collect	30.6711985
2023	1	Griffin Elevator Computer Laptop Stand - Silver/Clear	\$	34.95	0.094	Local - vehicle collect	3.274815
2023	1	Philips 273V7QJAB - 27 Inch FHD Monitor, 75Hz, 4ms, IPS, Speakers, Smart Image, Narrow Border, LowBlue Mode (1920 x 1080, 250 cd/m², HDMI/VGA/DVI)	Kg	4.5	25.559	Local - vehicle collect	115.0169944
2023	1	Hi-Res Extra Bass Earbuds Noise Isolating In-Ear Headphones Wired Earbuds with Microphone for iPhone, iPod, iPad, MP3, HUAWEI, Samsung, Lightweight Ea	Kg	0.012	6.342	Local - vehicle collect	0.07610162497
2023	1	Syntech USB C to HDMI Adapter, Thunderbolt 3/4 to HDMI Adapter Compatible with MacBook Pro MacBook Air iPad mini 6 Air 2020 iMac 2021 iPad Pro 2021 Su	Kg	0.02693	6.342	Local - vehicle collect	0.17078473
2023	1	Twozoh 4K HDMI Cable 30Ft/10M, High Speed 18Gbps HDMI 2.0 Cable, Braided HDMI to HDMI Cord Compatible with PS5, PS3, PS4, PC, Projector, HDTV, Xbox	Kg	0.280	6.342	Local - vehicle collect	1.775704583
2023	1	Twozoh 4K HDMI Cable 30Ft/10M, High Speed 18Gbps HDMI 2.0 Cable, Braided HDMI to HDMI Cord Compatible with PS5, PS3, PS4, PC, Projector, HDTV, Xbox	Kg	0.280	6.342	Local - vehicle collect	1.775704583
2023	1	D-Line CC-3 Cable Protector, Floor Cord Channel, Wire Cover, Protect Cables & Prevent Trip Hazards - 1.8 Meter Length, Cavity 17mm (W) x 9mm (H) - Bro	\$	14.99	0.094	Local - vehicle collect	1.404563
2023	1	4K HDMI Cable 4M HDMI Lead 2.0 Braided High Speed 18Gbps Support 4K@60Hz 2K@144/165Hz ARC, HDR, 3D, Compatible TV, Blu-Ray, PS4/5, Xbox one, Projector	Kg	0.16	6.342	Local - vehicle collect	1.014688333
2023	1	Anker USB C Hub, PowerExpand 6-in-1 USB C PD Ethernet Hub with 65W Power Delivery, 4K HDMI, 1Gbps Ethernet, USB-C Data Port, 2 USB 3.0 Data Ports, for	Kg	0.082	6.342	Local - vehicle collect	0.5200277706
2023	1	GOKEDA Lap Desk Laptop Stand for Desk, Aluminum Portable Ventilated Laptop Riser, Ergonomic Adjustable Prop Compatible with MacBook Air Pro, Dell, HP,	\$	23.99	0.094	Local - vehicle collect	2.247863
2023	1	Logitech Pebble Wireless Mouse with Bluetooth or 2.4 GHz Receiver, Silent, Slim Computer Mouse with Quiet Clicks, for Laptop/Notebook/iPad/PC/Mac/Chro	Kg	0.1	6.342	Local - vehicle collect	0.6341802081
2023	1	Logitech Pebble M350 Wireless Mouse with Bluetooth or USB - Silent, Slim Computer Mouse with Quiet Click for iPad, Laptop, Notebook, PC and Mac - Off	Kg	0.09922	6.342	Local - vehicle collect	0.6292336024

2023	1	Logitech Pebble M350 Wireless Mouse with Bluetooth or USB - Silent, Slim Computer Mouse with Quiet Click for iPad, Laptop, Notebook, PC and Mac - Off	Kg	0.09922	6.342	Local - vehicle collecti	0.6292336024
2023	1	Mac Book Pro Charger, 96W USB C Charger Power Adapter for MacBook Pro 16, 15, 14, 13 inch 2021, 2020, 2019, 2018, New MacBook Air, iPad Pro and All US	Kg	0.3	6.342	Local - vehicle collecti	1.902540624
2023	1	Sage BES100GBUK the Knock Box Mini Coffee Grind Bin, Silver	\$	19.99	0.094	Local - vehicle collecti	1.873063
2023	1	Griffin Elevator Computer Laptop Stand - Silver/Clear	\$	69.9	0.094	Local - vehicle collecti	6.54963
2023	1	Philips 273V7QJAB - 27 Inch FHD Monitor, 75Hz, 4ms, IPS, Speakers, Smart Image, Narrow Border, LowBlue Mode (1920 x 1080, 250 cd/m², HDMI/VGA/DVI)	Kg	4.5	25.559	Local - vehicle collecti	115.0169944
2023	1	uni USB C to HDMI Cable 4K@30HZ [Braided, Aluminium Alloy], USB Type C to HDMI Cable (Thunderbolt 3 Compatible) Up to 4K, Compatible with iPad Pro/Air, MacBook, Galaxy, Huawei P40 etc. - 1.8 m	Kg	0.052	6.342	Local - vehicle collecti	0.3297737082
2023	1	Microsoft WS2-00003 Surface Bluetooth Keyboard - Grey (UK Layout)	Kg	0.41901	6.342	Local - vehicle collecti	2.65727849
2023	1	Logitech Pebble Wireless Mouse with Bluetooth or 2.4 GHz Receiver, Silent, Slim Computer Mouse with Quiet Clicks, for Laptop/Notebook/iPad/PC/Mac/Chro	Kg	0.1	6.342	Local - vehicle collecti	0.6341802081
2023	1	Microsoft Surface Laptop 3 Ultra-Thin 13.5" Touchscreen Laptop (Platinum) - Intel 10th Gen Quad Core i5, 8GB RAM, 256GB SSD, Windows 10 Home, 2019 Edi	Kg	1.2	25.559	Local - vehicle collecti	30.6711985
2023	1	Samsung 50 Inch Q65B QLED 4K Smart TV (2022) - 4K Processor With Alexa Built In & Dual LED Screen With 100% Colour Volume Display, Airlsim Design, Obj	Kg	16	25.559	Local - vehicle collecti	408.9493133
2023	1	USB Hub, BENFEI Ultra-Slim USB 3.0 Hub Usb 4 Ports with 1 Meter Cable Compatible for MacBook, Mac Pro, Mac Mini, iMac, Surface Pro, XPS, PC, Flash Dri	Kg	0.09	6.342	Local - vehicle collecti	0.5707621872
2023	1	Invision Ultra Strong TV Wall Bracket Mount Double Arm Tilt & Swivel for 37 - 70 Inch (94 - 178cm) LED LCD OLED Plasma & Curved Screens - Up to VESA 6	\$	53.89	0.094	Local - vehicle collecti	5.049493
2023	1	CLEEFUN 5m Extra Long USB C Cable, 16ft Durable USB-A to Type-C Fast Charging Nylon Charger Lead for Samsung Galaxy S20 S21 S10 S9 S8 Note 20 10 + Ult	Kg	0.139	6.342	Local - vehicle collecti	0.8815104892
2023	1	USB C Hub, ZESKRIS MacBook USB Adapter, 6 In 1 USB C Hub Multiport Adapter with 2 USB 3.0 SD/Micro SD Card Reader 4K HDMI 100W PD for Macbook Air/Pro	Kg	0.06	6.342	Local - vehicle collecti	0.3805081248
2023	1	JETech Case for iPhone 11 6.1-Inch, Non-Yellowing Shockproof Phone Bumper Cover, Anti-Scratch Clear Back (Clear)	\$	5.94	0.094	Local - vehicle collecti	0.556578
2023	1	FINTIE Case Compatible with MacBook Air 13-inch (2020 & 2019 & 2018 Release) Model: A2337(M1)/A2179/A1932, Protective Snap-On Hard Shell Cover Fit 13"	\$	14.99	0.094	Local - vehicle collecti	1.404563
2023	1	Philips 273V7QDAB - 27 Inch FHD Monitor, 75Hz, 4ms, IPS, Speakers, Smart Image, Narrow Border, LowBlue Mode (1920 x 1080, 250 cd/m², HDMI/VGA/DVI)	Kg	4.5	25.559	Local - vehicle collecti	115.0169944
2023	1	uni USB C to HDMI Cable 4K@30HZ [Braided, Aluminium Alloy], USB Type C to HDMI Cable (Thunderbolt 3 Compatible) Up to 4K, Compatible with iPad Pro/Air, MacBook, Galaxy, Huawei P40 etc. - 1.8 m	Kg	0.07	6.342	Local - vehicle collecti	0.4439261456
2023	1	MASTER LOCK Key Safe [Medium size] [Wall mounted] [Outdoor] [Exist in 2 colors] - 5401EURD - Key Lock Box	\$	17.98	0.094	Local - vehicle collecti	1.684726
2023	1	LAV Highball Glass / Tumbler Water Glasses / Juice Drinking Glasses / Tall Drinking Glasses / Set of 6 Glasses / 510 cc	\$	10.55	0.094	Local - vehicle collecti	0.988535

Total	8901.348615
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Year	Description	Accommodation Type	Nights booked	Country	Emission factor (kgCO2e/night)	Emission (kgCO2e)	Emission Factor Source	Data Source
	Hotel booking for Joe and Steph. UK team visit to Norfolk. 50/50 - UKS34 and UK069-B. Recharge tc	Hotel	4	United Kingdom	10.4	41.6	UK GHG Conversion Factors	Hotel stay
	Hotel Stay for Christmas Party - 09/12/2023	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
	Hotel stay in Bristol - 11/01/2023 - 14/01/2023	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
	Date 06/07/22 UKS12							
	Hotel stay in Leeds for Castleford meeting next morning - NPG sites (Grimsby 1+2, Hibalstowe, Wrav	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
	Date 19/10/22 UKS12 Grimsby.							
	Hotel in Leeds.							
	For Castleford NPG Meeting the next day.	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
	Steph's hotel accommodation for the site visit and Glasgow NGESO workshop.	Hotel	2	United Kingdom	10.4	20.8	UK GHG Conversion Factors	Hotel stay
	Hotel for Ben, Frances, Kenny for trip to Virginia - VA01	Hotel	21	United States	16.1	338.1	UK GHG Conversion Factors	Hotel stay
	Card transaction of EUR issued by Sana Malhoa Hotel LISBOA	Hotel	4	Portugal	19	76	UK GHG Conversion Factors	Hotel stay
	Card transaction of EUR issued by Sana Malhoa Hotel LISBOA	Hotel	4	Portugal	19	76	UK GHG Conversion Factors	Hotel stay
	Card transaction of EUR issued by Sana Malhoa Hotel LISBOA	Hotel	4	Portugal	19	76	UK GHG Conversion Factors	Hotel stay
	Hotel stay - Community Awards Ceremony. Simon had approved to pay half of the £300 night stay. (	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
	Card transaction of GBP issued by Delta Hotels By Marriott BRISTOL	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
	Hotel booking for Peter.S	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
	Hotel booking for Ali	Hotel	2	United Kingdom	10.4	20.8	UK GHG Conversion Factors	Hotel stay
	Hotel booking for Bastian Telg	Hotel	2	United Kingdom	10.4	20.8	UK GHG Conversion Factors	Hotel stay
	Hotel booking for Ali	Hotel	2	United Kingdom	10.4	20.8	UK GHG Conversion Factors	Hotel stay
	Hotel booking for Peter.S	Hotel	2	United Kingdom	10.4	20.8	UK GHG Conversion Factors	Hotel stay
	Hotel booking for Ali	Hotel	2	United Kingdom	10.4	20.8	UK GHG Conversion Factors	Hotel stay
	4 nights hotel accommodation for Tony and Hayla (£31.20 reduction for second guest)	Hotel	8	United Kingdom	10.4	83.2	UK GHG Conversion Factors	Hotel stay
	Hotel booking for Ali	Hotel	2	United Kingdom	10.4	20.8	UK GHG Conversion Factors	Hotel stay
	Card transaction of GBP issued by Bkg*Hotel At Booking.c London	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
	Card transaction of GBP issued by Bkg*Hotel At Booking.c London	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
	Card transaction of GBP issued by Clayton Hotel Bristol Cit BRISTOL	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
	Hotel booking for Ali - London	Hotel	2	United Kingdom	10.4	20.8	UK GHG Conversion Factors	Hotel stay
	Hotel stay (Bristol) - 13th April 2023	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
	Card transaction of GBP issued by Bkg*Hotel At Booking.c London							
	Ali Timms hotel booking	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
	Bradley hotel accommodation.	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
	Hotel accommodation for Bradley.	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
	Card transaction of GBP issued by Bkg*Hotel At Booking.c London							
	Kenny - hotel booking	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
	Card transaction of GBP issued by Clayton Hotel Bristol Cit BRISTOL	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
	Card transaction of GBP issued by Bkg*Hotel At Booking.c London							
	Pavan hotel booking	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
	Hotel booking for LT team	Hotel	4	United Kingdom	10.4	41.6	UK GHG Conversion Factors	Hotel stay
	Hotel booking for Giulio	Hotel	2	United Kingdom	10.4	20.8	UK GHG Conversion Factors	Hotel stay
	Hotel booking for Kenny	Hotel	2	United Kingdom	10.4	20.8	UK GHG Conversion Factors	Hotel stay
	Hotel booking for Bastian	Hotel	2	United Kingdom	10.4	20.8	UK GHG Conversion Factors	Hotel stay
	Card transaction of CAD issued by Hotel Arts CALGARY	Hotel	3	United States	16.1	48.3	UK GHG Conversion Factors	Hotel stay
	Hotel booking for Anthony and Victor	Hotel	4	United Kingdom	10.4	41.6	UK GHG Conversion Factors	Hotel stay
	Hotel booking for Jorge w/c 5th June	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
	Hotel room for Peter.s during the Canada visit	Hotel	7	Canada	7.4	51.8	UK GHG Conversion Factors	Hotel stay
	Hotel room for Brad during the Canada visit	Hotel	7	Canada	7.4	51.8	UK GHG Conversion Factors	Hotel stay
	Hotel for Kirsty Italy trip	Hotel	4	Italy	14.3	57.2	UK GHG Conversion Factors	Hotel stay
	Hotel booking in the US for Peter.S, Brad, Pavan and Kenny	Hotel	28	United States	16.1	450.8	UK GHG Conversion Factors	Hotel stay

hotel stay for Ali Timms - error. This was paid by Ali Timms. Not sure who stayed in the hotel that w	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
Hotel for Giulio	Hotel	2	United Kingdom	10.4	20.8	UK GHG Conversion Factors	Hotel stay
Hotel for Bastian's visit - German Solar	Hotel	2	Germany	13.2	26.4	UK GHG Conversion Factors	Hotel stay
Hotel for Peter, Joe and Steph during Scotland site visits. 20/01/2023	Hotel	6	United Kingdom	10.4	62.4	UK GHG Conversion Factors	Hotel stay
1 night at heathrow	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
Accommodation the night before site visits at Darlington and Grimsby with Centrica.	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
Overnight accommodation between Darlington/Grimsby site visit with Centrica and Moreton Brook	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
Overnight accommodation for Grimsby (UKS12) site visit.	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
Accommodation for IBV visit - May 2023	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
Accommodation for Scotland BESS and solar site visit. Cost to stay in APD as potential sites with no	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
Accommodation for Scotland BESS and solar site visit. Cost to stay in APD as potential sites with no	Hotel	1	United Kingdom	10.4	10.4	UK GHG Conversion Factors	Hotel stay
Ahmed accommodation in Scotland for National Grid meeting.	Hotel	2	United Kingdom	10.4	20.8	UK GHG Conversion Factors	Hotel stay
Total				2063.6			

Year	Facility ID	Product	Bag Size (kg)	Collections/week	Waste Emission Factor (kgCO2e)	Emission (kgCO2e)	Emission Factor Sources	Data Source	Recycling Partner
	1	Food	6	1	0.00891	2.78068	UK GHG Conversion Factors	Bag sizes	Bristol Waste
	1	Plastics	20	1	0.02128	22.13204	UK GHG Conversion Factors	Bag sizes	Bristol Waste
	1	Aluminium/tin	20	1	0.02128	22.13204	UK GHG Conversion Factors	Bag sizes	Bristol Waste
	1	Cardboard & Paper	20	1	0.02128	22.13204	UK GHG Conversion Factors	Bag sizes	Bristol Waste
	1	General Waste	60	1	0.52033	1623.44440	UK GHG Conversion Factors	Bag sizes	-
Total						1692.62119			

Year	Activity (£)	Emission factor	Emissions (kgCO2e)	Emission Factor Sources	Data Source	NOTES
2023	222,248.00	0.129	28669.992	PENSION BEE	Finance Team	Emission factor as advised by Future Leap Consultancy
2022	310,685.00	0.129	40078.365	PENSION BEE	Finance Team	Emission factor as advised by Future Leap Consultancy
2021	96,200.59	176	16931303.84	SHIFT Environment	Finance Team	Previous emission factor used

Total	28669.992		
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Facility ID	Facility	City	Country	Number of Employees (2023)
1	Aura Power HQ	Bristol	UK	1
2	UAB Aura Power Developments	Vilnius	Lithuania	3
3	Aura Power Renewables Ltd	Vancouver	Canada	2
4	Aura Power Renewables Ltd	US	US	2
5	Aura Power Developments, Lda	Braga	Portugal	4

Scope 3

	Activity	Type	EF (km)	WTT EF (km)	Total EF (D+E)
Transport	Car (average size)	Petrol	0.16391	0.04551	0.20942
		unknown fuel	0.16664	0.04366	0.21030
		Diesel	0.16983	0.04145	0.21128
		Hybrid	0.11898	0.03109	0.15007
		Battery Electric	0.00000	0.01215	0.01215
		Plug-in Hybrid	0.06588	0.02440	0.09028
	Taxi	Regular	0.14861	0.03697	0.18559
		Uber	0.14861	0.03697	0.18559
		Black cab	0.20402	0.05090	0.25492
	Bus	Average Local	0.10215	0.02493	0.12708
		Coach	0.02718	0.00656	0.03374
	Rail	National	0.03546	0.00897	0.04443
		International	0.00446	0.00117	0.00563
	Air	Domestic (to/from UK)	0.27258	0.03350	0.30608
		Short-haul (to/from UK) average	0.18592	0.02286	0.20878
		Short-haul (to/from UK) business class	0.27430	0.03373	0.30803
		Long-haul (to/from UK) average	0.26128	0.03213	0.29341
		Long-haul (to/from UK) business class	0.58029	0.07137	0.65166
		International (to/from non-UK)	0.17580	0.02162	0.19742
		International (to/from non-UK)	0.39044	0.04802	0.43846
	Ferry	Foot Passenger	0.01871	0.00424	0.02295
		Car Passenger	0.12933	0.02932	0.15865
		Average (all passenger)	0.11270	0.02555	0.13825

Employee Commute

Bus	0.10215	0.02493	0.12708
Bicycle	0.00000	0.00000	0.00000
Rail	0.03546	0.00897	0.04443
Motorbike	0.11367	0.02956	0.14324
Electric Scooter	0.06915	0.00000	0.06915
None (Walking)	0.00000	0.00000	0.00000
Car Petrol Small	0.1408	0.04551	0.18631
Car Petrol Medium	0.17819	0.04551	0.2237
Car Petrol Large	0.27224	0.04551	0.31775
Car Petrol Average	0.16391	0.04551	0.20942
Car Diesel Small	0.13931	0.04145	0.18076
Car Diesel Medium	0.16716	0.04145	0.20861
Car Diesel Large	0.20859	0.04145	0.25004
Car Diesel Average	0.16983	0.04145	0.21128
Car Battery Electric	0	0.01215	0.01215
Car - Plug-in Hybrid	0.06588	0.02440	0.09028
Plane	0.27258	0.03350	0.30608

Belgium	12.2
Brazil	8.7
Canada	7.4
Chile	27.6
China	53.5
Colombia	14.7
Costa Rica	4.7
Egypt	44.2
France	6.7
Germany	13.2
Hong Kong, China	51.5
India	58.9
Indonesia	62.7
Italy	14.3
Japan	39
Jordan	68.9
Korea	55.8
Lithuania	4.6
Malaysia	61.5
Maldives	152.2
Mexico	19.3
Netherlands	14.8
Oman	90.3
Panama	22.6
Philippines	54.3
Portugal	19
Qatar	86.2
Russian Federation	24.2
Saudi Arabia	106.4
Singapore	24.5
South Africa	51.4
Spain	7
Switzerland	6.6

	Thailand		43.4			
	Turkey		32.1			
	United Arab Emirates		63.8			
	United Kingdom		10.4			
	United Kingdom (London)		11.5			
	United States		16.1			
	Vietnam		38.5			
Materials (Regular)						
	category	Calculation Units	Consumption	Emission factor		
	Stationary	\$			0.0937	
	Food & Drink	kg			3.7014	
	Cleaning & hygiene Supplies	£			0.0937	
Materials (Irregular)						
<i>Kitchen Setup</i>	item	quantity/kg/\$	EF	delivery	total	
	<i>500mm-kitchen-wall-unit</i>		3	18	0.6938520805	54.69385208
	<i>worktop</i>		1	26	0.6938520805	26.69385208
	<i>base-sink-unit</i>		1	22	0.6938520805	22.69385208
	<i>appliance-housing</i>		1	35	0.6938520805	35.69385208
	<i>500mm-storage-unit</i>		2	40	0.6938520805	80.69385208
	<i>500mm-drawer-line-unit</i>		2	29	0.6938520805	58.69385208
<i>Kitchen Appliances</i>	<i>microwave</i>			4.363	0.6938520805	0.6938520805
	<i>dishwasher</i>			4.363	0.6938520805	0.6938520805
	<i>mixer</i>			5.64795	0.6938520805	0.6938520805
	<i>coffee-machine</i>			5.64795	0.6938520805	0.6938520805
	<i>fridge</i>			4.363	0.6938520805	0.6938520805
	<i>glasses</i>			1.40277	0.6938520805	0.6938520805
	<i>toaster</i>			5.64795	0.6938520805	0.6938520805
Office Setup						
	chairs				0.6938520805	0.6938520805
	bookcase				0.6938520805	0.6938520805
	cupboards				0.6938520805	0.6938520805
	desks				0.6938520805	0.6938520805
Office appliances						
	monitors			24.86558	0.6938520805	25.55943208
	<i>printer</i>			24.86558	0.6938520805	25.55943208

Delivery Method	keyboards		5.64795	0.6938520805	6.341802081
	laptops		24.86558	0.6938520805	25.55943208
	Electrical items (small)		5.64795	0.6938520805	6.341802081
	Misc Amazon purchases	\$	0.0937		
	International Courier (Air)		1.099031604		
	Short-haul Courier (Air)		1.668155179		
	National Courier (Land)		80.71812537		
	Local - vehicle collection/drop-off		0.6938520805		
Waste	Collection (walking)		0		
	Food		0.008912		
	Plastics		0.021281		
	Aluminium/tin		0.021281		
	Cardboard & Paper		0.021281		
	General Waste		0.520335		
	Glass		0.021281		
Homeworking	Office Equipment + heating		0.333781		
	Office Equipment		0.031439		
Batteries					
	Alkaline		4.63348	0.6938520805	5.327332081

GHG Emissions for 2023 calendar year		
Emission category	Amount (kgCO2e)	
Scope 1		0
Scope 2		1912
Scope 3	#REF!	
Total Gross Emissions	#REF!	
Green electricity tariff		0
Carbon offset		0
Total Removals		0
Net emissions	#REF!	
TONNES	#REF!	

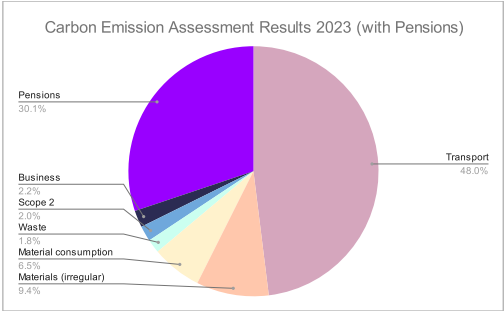
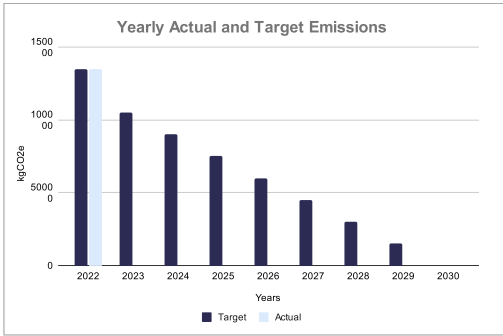
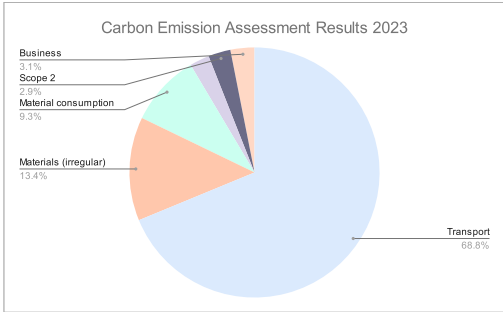
Intensity ratio (kgCO2e/£m revenue) 2023	#REF!
Intensity ratio (kgCO2e/£m DEVEX) 2023	#REF!
Intensity ratio (kgCO2e/£m revenue) 2022	0.24
Intensity ratio (kgCO2e/£m DEVEX) 2022	0.02

Intensity ratio (kgCO2e/£m revenue) 2023 Scope	0.0000004086384545
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Time	Emission (TARGET)	Actual
2022	135089.9505	135089.9505
2023	105069.9615	#REF!
2024	90059.967	0
2025	75049.9725	0
2026	60039.978	0
2027	45029.9835	0
2028	30019.989	0
2029	15009.9945	0
2030	0	0

Pie Chart inputs	
Emission Category	Amount (kgCO2e)
WFH	#REF!
Transport	45,683
Materials (irregular)	8,901
Material consumption	6,177
Water	#REF!
Waste	1,693
Scope 2	1,912
Employee Commute	#REF!
Business Accommodation	2,064
Pensions	28670

UK Emissions	Tonnes CO2e Per Capita	RATIO
Lithuania	4.2	#VALUE!
Canada	13.6	#VALUE!
Portugal	3.8	#VALUE!
US	13	#VALUE!
Germany	7.3	#VALUE!
Italy	4.7	#VALUE!



GHG Emissions for 2022 calendar year			Per employee	GHG Emissions for 2023 calendar year			Per employee
Emission category	Amount (kgCO2e)			Emission category	Amount (kgCO2e)		
Scope 1	0		0	Scope 1	0		0
Scope 2	2097.476832		46.61059627	Scope 2	1912		33.53949556
Scope 3	87495.32596		1944.340577	Scope 3	#REF!		#REF!
Other Countries	45497.14767		1011.047726	Other Countries	#N/A		#N/A
Total Gross Emissions	135089.9505		3001.998899	Total Gross Emissions	#REF!		#REF!
Green electricity tariff	0			Green electricity tariff	0		
Carbon offset	0			Carbon offset	0		
Total Removals	0			Total Removals	0		
Net emissions	135089.9505			Net emissions	#REF!		
Per employee (45)	3001.998899			Per employee (57)	#REF!		

Pie Chart inputs 2022			Per employee	Pie Chart inputs 2023			Per employee
Emission Category	Amount (kgCO2e)			Emission Category	Amount (kgCO2e)		
WFH	29649.67356		658.88	WFH	#REF!		#REF!
Transport	30313.16424		673.63	Transport	45,683		1015.18
Other countries	45497.14767		1011.05	Other countries	#REF!		#REF!
Materials (irregular)	3875.986331		86.13	Materials (irregular)	8,901		197.81
Material consumption	1469.554146		32.66	Material consumption	6,177		137.26
Water	37.93371133		0.84	Water	#REF!		#REF!
Waste	1526.24047		33.92	Waste	1,693		37.61
Scope 2	2097.476832		46.61	Scope 2	1,912		42.48
Employee Commute	19052.26924		423.38	Employee Commute	#REF!		#REF!
Business Accommodation	1587.3		35.27	Business Accommodation	2,064		45.86
Pensions	40078		890.63	Pensions	28670		637.11

