

CARBON REDUCTION PLAN

FOR



Prepared by:



Reporting Period:

April 2024 – March 2025

Issued Date:

23rd March 2026

Trigiene Carbon Emissions Report

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1 Net Zero Commitment

Trigiene recognises the importance of making a full and lasting commitment to reducing the greenhouse gas emissions from our activities, in support of the wider commitment of the world to limit global temperature increases and the impact on the planet.

We commit to the following:

1. For our company to achieve Net Zero in line with the Science Based targets set out by the UNFCCC i.e., to achieve Net Zero no later than 2050 and target reduction in emissions by Scope, as defined below.
2. To set realistic short- and long-term targets that are designed to achieve our Net Zero commitments.
3. To report the total Greenhouse Gas emissions of our business, at a minimum, on an annual basis.

	Target Reduction	Year
Commitment to be Net Zero	90%	2040
Additional Commitments		
Scope 1	50%	2035
Scope 2	50%	2035
Scope 3	50%	2035

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2 Background Information

2.1 Company

Trigiene is a Limited Company registered in England, company number 09496285, with its registered address at Evergreen House, John Boyle Road, Middlesbrough, Cleveland, United Kingdom, TS6 6TY. Trigiene is the UK's leading service provider to Dental Practices for handpiece servicing and supply of small equipment

Trigiene was established as a business in the 1980s and incorporated in 2015 under the current ownership. Traditionally a distributor of dental and hygiene consumables to businesses across NE England, Trigiene developed from 2015 into a national supplier of dental consumables and equipment across the UK. Following some market research, Trigiene identified a gap in the market for handpiece repairs and started offering a free collection service to dental practices, bringing in their equipment repairs to the facility in Middlesbrough, repairing and sending back. Trigiene uses re-usable card transport boxes and their own vans in the local area and national carriers for the rest of the UK. Trigiene has 12 employees on site travelling by car into work and 2 vans delivering locally. All Trigiene employees live within a 10 mile radius with 2 employees using company vans to commute to and from work.

Reporting Period	Benchmark Period April 2024 – March 2025
Industry	Healthcare
Average No. of Staff	12
No. of Premises Owned	0
No. of Premises Leased	1
No. of Company Vehicles - Owned	4
No. of Company Vehicles - Leased	0

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2.2 Current Reporting Period

April 2024 – March 2025

2.3 Organisational Boundary

There are 3 different approaches to measuring emissions, as defined by the GHG Protocol. This report has been constructed using the Operational Control Approach, considering the requirements of each potential approach.

Approach	Description	Approach Taken
Operational Control	The organisation has operational control over an operation if it or one of its subsidiaries has the full authority to introduce and implement its operating policies at the operation.	✓
Financial Control	The organisation has financial control over the operation if it has the ability to direct the financial and operating policies of the organisation with a view to gaining economic benefits from its activities.	
Equity Share	The organisation accounts for GHG emissions from operations according to its share of equity in the operation.	

2.4 Benchmark Year

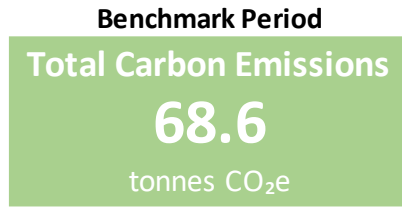
The organisation's benchmark year is from April 2024 – March 2025. This is the first time the organisation has measured and reported on its carbon emissions.

2.5 Methodologies Used

Throughout this report all methodologies used are explained within the relevant sections.

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3 Carbon Emissions Overview

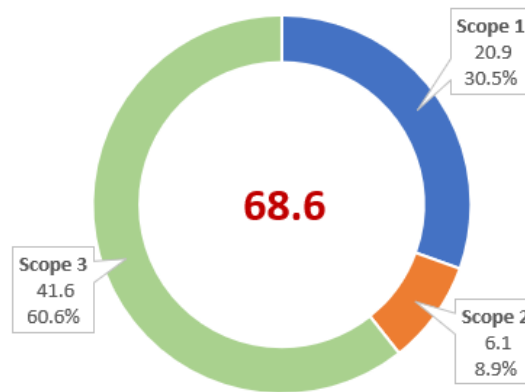


The total calculated emissions for the business for the period 2024-2025 are 68.6 tCO₂e. This is the first year the company has measured its carbon emissions. The breakdown of emissions is analysed throughout this report.

The calculated emissions are based on the most up to date emissions factors at the time of the publication of this report. It should be noted that emissions factors are updated regularly and will be retrospectively applied. As such, emissions values may change when calculated in future years.

4 Analysis by Scope

Emissions by Scope (tCO₂e) - Benchmark Year



Apr 2024 - Mar 2025

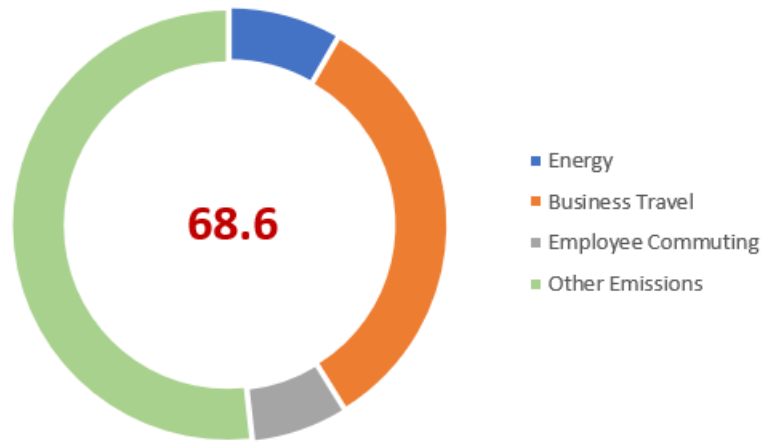
Scope	Description	tCO ₂ e	%
Scope 1	Scope 1 emissions includes fuels used at company premises and company vehicles.	20.9	30.5%
Scope 2	Emissions in scope 2 includes electricity used at the company's premises. The premises are on a non-renewable tariff.	6.1	8.9%
Scope 3	Scope 3 emissions include: Business Travel Employee Commuting Transmission and Distribution of Electricity Waste and/or Water Purchased Goods and Services	41.6	60.6%
TOTAL		68.6	100.0%

Reported Scope 3 emissions may increase in future years as more detailed data and information become available.

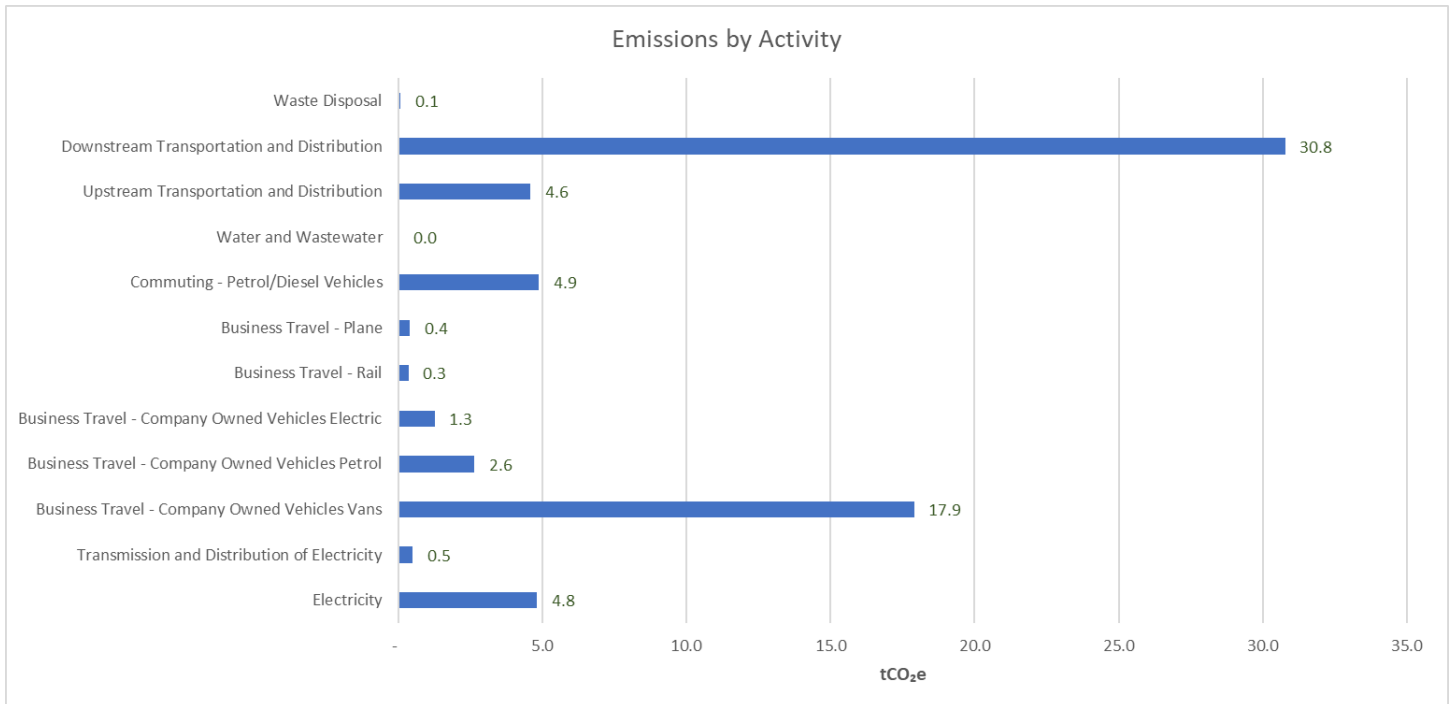
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5 Emissions by Activity

Emissions by Activity (tCO₂e) - Benchmark Year



Apr 2024 - Mar 2025



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Data Details Emission Type	Scope	Benchmark Year		Data Source	Data Confidence
		Apr 2024	Mar 2025		
Energy					
Gas	1	-		No Gas	
Forklift gas	1	0.4		Company Records	High
Electricity	2	4.8		Electricity Bills	High
Transmission and Distribution of Electricity	3	0.5		Electricity Bills	High
		5.7			
Business Travel					
Business Travel - Company Owned Vehicles Vans	1	17.9		Fuel Card	High
Business Travel - Company Owned Vehicles Petrol	1	2.6		Mileage Data	High
Business Travel - Company Owned Vehicles Electric	2	1.3		Mileage Data	High
Business Travel - Rail	3	0.3		Company Records	High
Business Travel - Plane	3	0.4		Company Records	High
		22.5			
Employee Commuting					
Commuting - Petrol/Diesel Vehicles	3	4.9		Employee Survey	Medium
		4.9			
Other Emissions Calculated					
Water and Wastewater	3	0.0		Water Bills	High
Upstream Transportation and Distribution	3	4.6		Spend Analysis	Medium
Downstream Transportation and Distribution	3	30.8		Spend Analysis	Medium
Waste Disposal	3	0.1		Waste Bills	High
		35.5			
TOTAL		68.6			

As this is the benchmark year, prior to this we have implemented the card return box system for repairs and partnered with carriers that use electric vehicles such as DPD local. In addition, we have one vehicle that is fully electric with zero emissions. A dual point electric vehicle charger has been installed for staff use to encourage further zero emission vehicles.

- 72% of Downstream Transportation and Distribution is collecting and returning equipment which we have repaired, extending the life of the tools and decreasing the amount of waste in our industry
- We encourage clients to return their packaging boxes with their next services/ repairs to us which we reuse

6 Intensity Metric Analysis

Intensity metrics help normalise emissions data, taking into account variations in production levels or activity volumes. This allows for a more accurate assessment of emission trends over time, regardless of changes in business operations. The initial intensity metrics for the company are below and will be used for comparative purposes in following years.

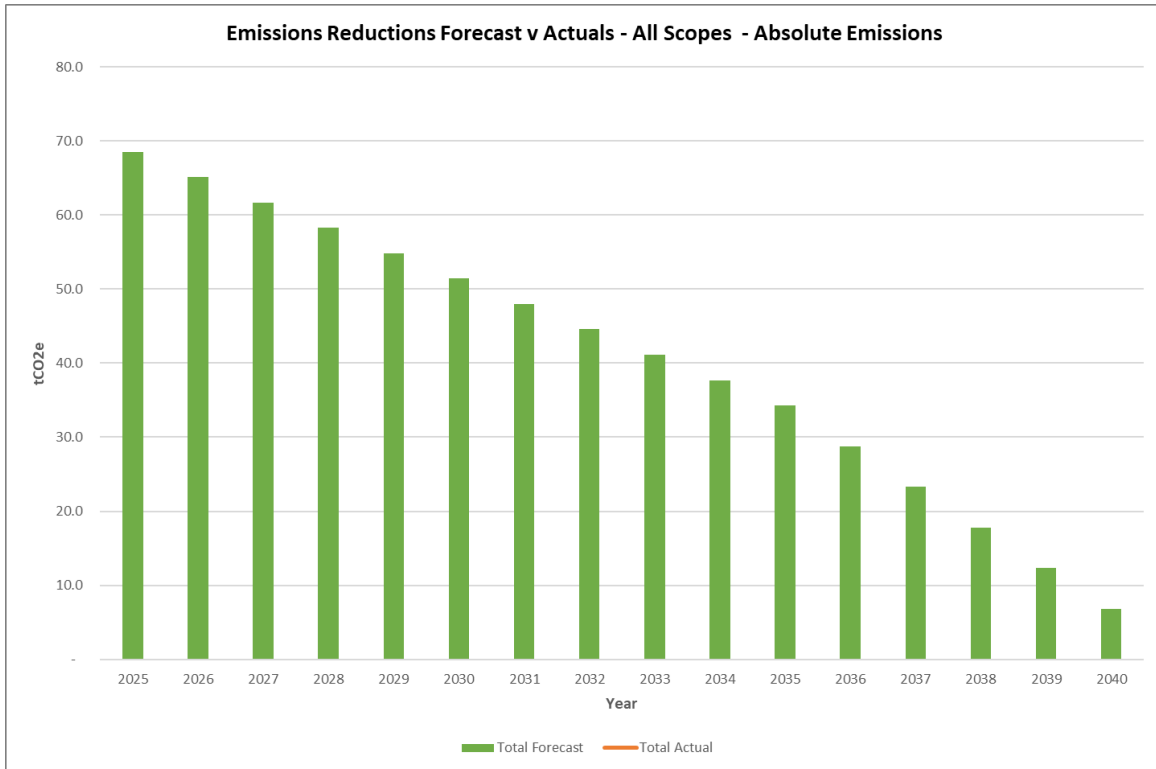
Intensity Metrics (tonnes CO ₂ e)	
	Benchmark Year Apr 2024 - Mar 2025
 Per employee	Scopes 1, 2 and 3 5.7
 Per £100k Turnover	Scopes 1, 2 and 3 3.2

The chosen intensity metrics shows a carbon emissions value of 5.7 tCO₂e per employee and 3.2 tCO₂e per £100k of turnover. The business headcount averaged 12 people during the benchmark period.

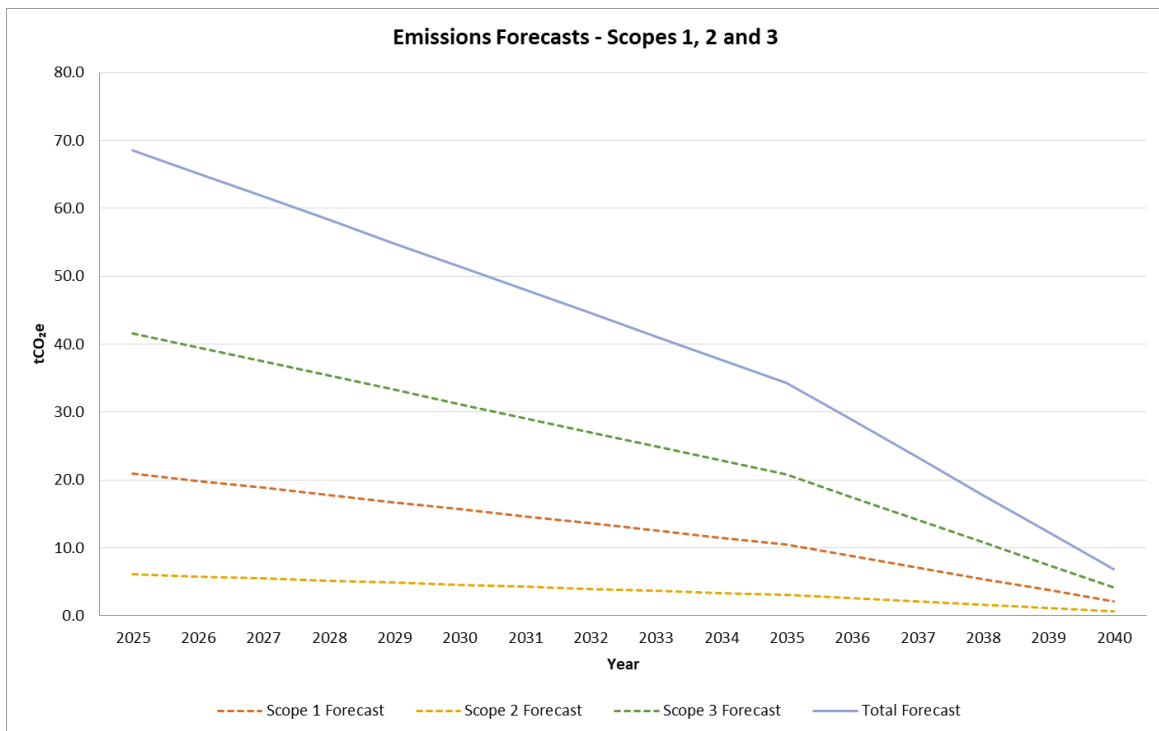
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7 Emissions Reductions Targets

The following charts provide a forecasted view of the emissions targets for the organisation as a whole and Scope by Scope in line with the Net Zero emissions targets stated in Section 1.



These targets will be being mapped against actual emissions year by year to support ongoing strategies and decision making to achieve Net Zero by 2040.



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8 Carbon Reduction Actions

Trigiene aims to develop the following initiatives that will support the company’s strategies to meet Science Based Targets:

Area of Focus	Initiative
Engagement of Team	To engage the entire team throughout the organisation in the Net Zero transition plan and to encourage staff to support lower carbon ideas, opportunities, and activities.
Reduce Reliance on Spend Based Data	To review major emissions based on spend and develop more accurate emissions data together with suppliers.
Business Travel Emissions	To review a sustainable travel policy encouraging use of public transport and lower carbon options when practical to do so.
Carbon Emissions Dashboard	Trigiene has made the commitment to complete its carbon emissions dashboard on a regular basis. This is overseen by a member of the Senior Management Team and shared with the wider team on a quarterly basis. By partnering with Net Zero International, we gain access to their expertise and support in reporting our emissions and how to reduce them, including best practice and insights. We will also promote our activities on social media to encourage others to make lower carbon decisions.
Fleet Strategy	To review on a regular basis the availability and feasibility of technology to enable changing fleet vehicles to lower emission engines and eventually from ICE to hybrid or electric engines.
Supply Chain Review	To carry out regular reviews of supply chain partners and introduce a sustainable supply chain policy over time.
Energy Efficiency of Site	Investigate renewable energy generation possibilities on site such as solar panels fixed to the roof of the warehouse. Review infrastructure to reduce energy consumption. Investigate improved waste recyclability options -looking into moving away from one general waste collection and adding segregated waste and recycling.
DentAid Partnership	Planning to partner with DentAid starting from April 2026. This will give our clients the option to responsibly dispose of unwanted dental equipment that can still have a ‘second life’. Trigiene will commit to safely repairing and servicing any viable equipment and donate to Dentaid. The Dentaid charity focuses on reaching those who are often left behind by traditional healthcare system, including people experiencing homelessness, survivors of abuse, vulnerable women, families in poverty, fishing communities, refugees, cancer patients, people recovering from addiction and others experiencing health inequalities.

Signed on behalf of Trigiene



Name: Matthew Evershed

Position: Director

Date: 23rd March 2026

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9 Emissions Data

The data contained in the table below represents total emissions calculated and is consistent with SECR requirements. All sources of emissions that have been measured are included in the totals below. Emissions from key activities are summarised in the previous sections.

	Benchmark Year Mar 2025
Energy consumption used to calculate emissions Electricity Scope 2 - UK and Offshore (kWh)	24,120
Energy consumption used to calculate emissions – Global, excluding UK and Offshore (kWh)	N/A
Basis of Energy reporting (Location or Market)*	Location
% of total energy sourced from certified renewable sources	0%
Emissions associated with energy consumption - UK, Offshore and Global (tCO ₂ e)	4.8
Emissions from activities for which the company is responsible including combustion of fuel and operation of facilities - Scope 1 (tCO ₂ e)	20.9
Emissions from purchase of electricity, heat, steam and cooling purchased for own use - Scope 2 (tCO ₂ e)	6.1
Total Scope 1 and 2 Emissions (tCO₂e)	27.0
Emissions from upstream activities out of operational control - Scope 3 (tCO ₂ e)	41.6
Emissions from use of sold products and services out of operational control - Scope 3 (tCO ₂ e)	None included
Total Gross Scope 3 Emissions (tCO₂e)	41.6
Total Scope 1, 2 and 3 Emissions (tCO₂e)	68.6
Intensity ratio tCO ₂ e (gross Scope 1, 2 and 3) per employee	5.7
Carbon offsets (tCO ₂ e)	-
Total Annual Net Emissions (tCO₂e)	68.6

* The location-based method reflects the average emissions intensity of the actual electricity produced and consumed within the UK grid. A market-based method reflects emissions from electricity that companies have purposefully chosen.

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10 Standard and Methodology Used

Trigiene categorises its Greenhouse Gas (GHG) Emissions as Scope 1, 2 or 3 as referred to in the WBCSD – WRI Greenhouse Gas Protocol (revised edition, dated March 2014). Emissions in Carbon Dioxide equivalent (CO₂e) for all scopes are calculated using the conversion factors listed in DESNZ Greenhouse Gas Conversion Factors for the relevant 12-month period over which the carbon emissions are calculated. Procured renewable electricity and gas is calculated in accordance with the WBCSD – WSI Scope 2 Guidance on procured renewable energy (2015).

11 Data Quality / Confidence

The data used to generate this report has been collected from various sources from both within the company and using assumptions gathered by Net Zero International. These emissions have been converted to CO₂e using GHG Protocol and DESNZ frameworks and conversion factors for the relevant period.

12 Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with SECR, PPN 006 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard.

This Carbon Reduction Plan has been reviewed and agreed by the board of directors (or equivalent management body).

Signed on behalf of Net Zero International



Name: David Hawes

Position: Chief Executive Officer

Date: 23rd March 2026

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13 Glossary

Absolute Emissions	The total amount of greenhouse gasses calculated, measured in tonnes of CO ₂ e.
Benchmark Data	The chosen 12-month period that sets the calculated emissions that need to be mitigated and/or offset.
Carbon Reduction	Reduction in measured CO ₂ e emissions
Carbon Reduction Plan	Plan to reduce CO ₂ e emissions over a period of time, updated annually
Carbon Emissions (Gross)	CO ₂ e emissions from Company activities
Carbon Emissions (Net)	CO ₂ e emissions from Company activities minus verified carbon offsets the Company purchases
Carbon Neutral	When emissions are fully offset including those emissions that could be mitigated.
Carbon Offsets	A removal or reduction of carbon emissions through a verified scheme.
CO₂e	All greenhouse gases expressed in terms of Carbon Dioxide equivalent (CO ₂ e) for consistency of reporting.
DESNZ	Department of Energy Security and Net Zero https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting
EEIO	Environmentally Extended Input Output – Emissions estimated on spend https://ghgprotocol.org/
Organisational Boundaries	GHG Protocol Organisational Boundaries https://ghgprotocol.org/sites/default/files/standards/ghg-protocol-revised.pdf
GHG Protocol	Greenhouse Gas Protocol https://ghgprotocol.org/
Greenhouse Gases	Carbon Dioxide (CO ₂), Methane (CH ₄), Nitrous Oxide (N ₂ O), Chlorofluorocarbons (CFCs and HCFCs), Hydrofluorocarbons (HFCs), Perfluorocarbons (PFCs), Sulphur Hexafluoride (SF ₆)
Greenhouse Gas Conversion Factors	Annually published conversion factors normally published by relevant government departments. Converts activity into CO ₂ e emissions.
Greenhouse Gas Emissions (GHG)	Gases in the atmosphere that absorb and radiate heat
Intensity Metric/Ratio	A metric that measures carbon emissions per relevant unit of activity in a business.
Market Reporting v Location Reporting	Market is based on specific tariffs. Location is based on the country from which you are reporting.
Net Zero	GHG emissions are mitigated and those that cannot are offset
Renewable Tariff	An energy tariff that is 100% powered by renewable energy and is certified.
Science Based Targets (SBT)	Globally aligned goals to reduce greenhouse gas emissions in line with the latest climate science and the Paris Agreement, limiting global temperatures to 1.5°C above pre-industrial levels.
Scope 1	The fuels that are burnt (gas, transport the company owns, refrigerant gases)
Scope 2	The energy that is bought (electricity from the grid, purchased heat)
Scope 3	Emissions embedded in everything a company buys and emitted as a consequence of everything a company sells.
SECR	Streamlined Energy and Carbon Reporting
tCO₂e	Metric tonnes of CO ₂ equivalent emitted.
WBCSD	World Business Council for Sustainable Development https://www.wbcsd.org/
WRI	World Resource Institute https://www.wri.org/