

# CARBON REDUCTION PLAN

FOR



Prepared by:



# Country Boarding for Cats and Dogs Carbon Emissions Report

## Table of Contents

|    |                                     |    |
|----|-------------------------------------|----|
| 1  | Net Zero Commitment .....           | 3  |
| 2  | Background Information .....        | 4  |
| 3  | Carbon Emissions Overview .....     | 6  |
| 4  | Analysis by Scope .....             | 6  |
| 5  | Emissions by Activity .....         | 7  |
| 6  | Intensity Metric Analysis .....     | 8  |
| 7  | Emissions Reductions Targets .....  | 8  |
| 8  | Carbon Reduction Actions .....      | 9  |
| 9  | Emissions Data .....                | 10 |
| 10 | Standard and Methodology Used ..... | 11 |
| 11 | Data Quality / Confidence .....     | 11 |
| 12 | Declaration and Sign Off.....       | 11 |
| 13 | Glossary.....                       | 12 |

# Country Boarding for Cats and Dogs Carbon Emissions Report

## 1 Net Zero Commitment

Country Boarding for Cats and Dogs 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 a 50% reduction in emissions by 2030.
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.

|                                  | <b>Year</b> |
|----------------------------------|-------------|
| <b>Commitment to be Net Zero</b> | 2050        |
| <b>50% Emissions Reduction</b>   | 2030        |

# Country Boarding for Cats and Dogs Carbon Emissions Report

## 2 Background Information

### 2.1 Company

**Country Boarding for Cats and Dogs** is a Limited Company registered in England and Wales, company number 04939298, with a head office address of 11 Trevor Road, Hitchin, Hertfordshire, SG4 9TA.

Country Boarding for Cats and Dogs is primarily a boarding service for cats and dogs in Baldock operating since the 1980's, offering additional services including day care, grooming, walking, hydrotherapy rehabilitation and training services.

Over the years the facilities have increased in size and complexity with additional buildings being added and land acquired. New buildings and renovation of existing buildings were commissioned with energy efficiency in mind. In line with our long term vision for sustainability, we installed a large solar PV array early on and more recently added further PV panels and battery storage.

We have replaced our company vehicles (bar one) to fully electric and installed a 3 phase vehicle charger to charge our vehicles and also made this available to staff and customers to use. Our staff team has grown with the business but in our rural location, no public transport is available therefore all commuting is by private vehicle. To date, no employees use an electric vehicle which results in us having large Scope 3 emissions.

# Country Boarding for Cats and Dogs Carbon Emissions Report

## 2.2 General Data

| Reporting Period                        | Previous Period<br>January 2022 – December 2022 | Current Period<br>January 2023 – December 2023 |
|---|---|--|
| <b>Industry</b>                         | <b>Cat and Dog Boarding</b>                     | <b>Cat and Dog Boarding</b>                    |
| <b>No. of Staff</b>                     | 14  | 15   |
| <b>No. of Offices Owned</b>             | 1   | 1  |
| <b>No. of Offices Leased</b>            | 0   | 0  |
| <b>No. of Company Vehicles - Owned</b>  | 5   | 4  |
| <b>No. of Company Vehicles - Leased</b> | 0   | 0  |

## 2.3 Current Reporting Period

January 2023 – December 2023

## 2.4 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 |
|----------------------------|--|----------------|
| <b>Operational Control</b> | 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.                           | ✓              |
| <b>Financial Control</b>   | 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. |                |
| <b>Equity Share</b>        | The organisation accounts for GHG emissions from operations according to its share of equity in the operation.   |                |

## 2.5 Benchmark Year

The organisation’s benchmark year is from January 2022 – December 2022. This is the second time the organisation has measured and reported on its carbon emissions.

## 2.6 Methodologies Used

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

# Country Boarding for Cats and Dogs Carbon Emissions Report

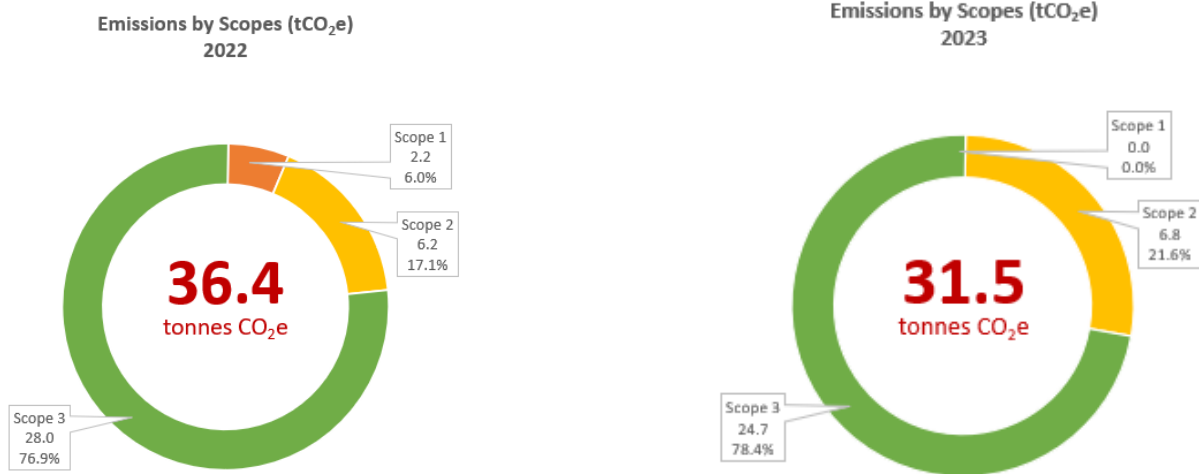
## 3 Carbon Emissions Overview



The total calculated emissions for the business for the period 2023 are 31.5 tCO<sub>2</sub>e. This is the second year the company has measured its carbon emissions.

The Company will aim to measure an increasing amount of Scope 3 emissions and is committed to reducing their emissions across all scopes.

## 4 Analysis by Scope

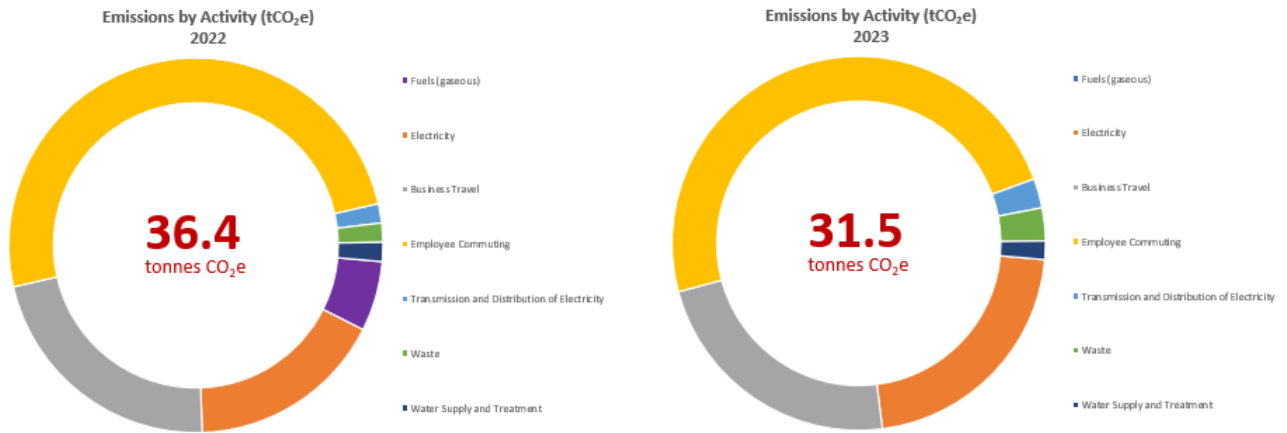


| Scope          | Description   | tCO <sub>2</sub> e | %           |
|----------------|---|--------------------|-------------|
| <b>Scope 1</b> | There were no scope 1 emissions recorded in the reporting period.   | 0.0                | 0.0%        |
| <b>Scope 2</b> | Emissions in scope 2 includes electricity used at the company's office. The office is not on a renewable tariff and has solar and battery storage.  | 6.8                | 21.6%       |
| <b>Scope 3</b> | Scope 3 emissions include: <ul style="list-style-type: none"> <li>Business Travel</li> <li>Employee Commuting</li> <li>Transmission and Distribution of electricity</li> <li>Waste</li> <li>Water Supply and Treatment</li> </ul> | 24.7               | 78.4%       |
| <b>TOTAL</b>   |   | <b>31.5</b>        | <b>100%</b> |

Reported Scope 3 emissions will increase in future years as data and information becomes available.

# Country Boarding for Cats and Dogs Carbon Emissions Report

## 5 Emissions by Activity




| Data Details                                 |       | 2022               | 2023               |                        |                 |
|--|-------|--------------------|--------------------|------------------------|-----------------|
| Emission Type                                | Scope | tCO <sub>2</sub> e | tCO <sub>2</sub> e | Data Source            | Data Confidence |
| <b>Energy</b>                                |       |                    |                    |                        |                 |
| Fuels - gas                                  | 1     | 2.2                | 0.0                | Gas Bill               | High            |
| Electricity                                  | 2     | 6.2                | 6.8                | Electricity Bill       | High            |
| <b>Business Travel</b>                       |       |                    |                    |                        |                 |
| Vans   | 3     | 6.6                | 5.6                | Company Travel Records | High            |
| Electric Car                                 | 3     | 1.4                | 1.6                | Company Travel Records | High            |
| <b>Employee Commuting</b>                    |       |                    |                    |                        |                 |
| Diesel Car                                   | 3     | 0.7                | 1.7                | Employee Data          | Medium          |
| Petrol Car                                   | 3     | 17.5               | 13.6               | Employee Data          | Medium          |
| <b>Other Scope 3 Emissions</b>               |       |                    |                    |                        |                 |
| Transmission and Distribution of Electricity | 3     | 0.6                | 0.8                | Electricity Bill       | High            |
| Waste  | 3     | 0.6                | 0.9                | Waste Records          | High            |
| Water Supply                                 | 3     | 0.1                | 0.1                | Water Records          | High            |
| Water Treatment                              | 3     | 0.5                | 0.4                | Water Records          | High            |
| <b>TOTAL</b>                                 |       | <b>36.4</b>        | <b>31.5</b>        |                        |                 |

# Country Boarding for Cats and Dogs Carbon Emissions Report

## 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 intensity metrics for the company are below and will be used for comparative purposes in following years.

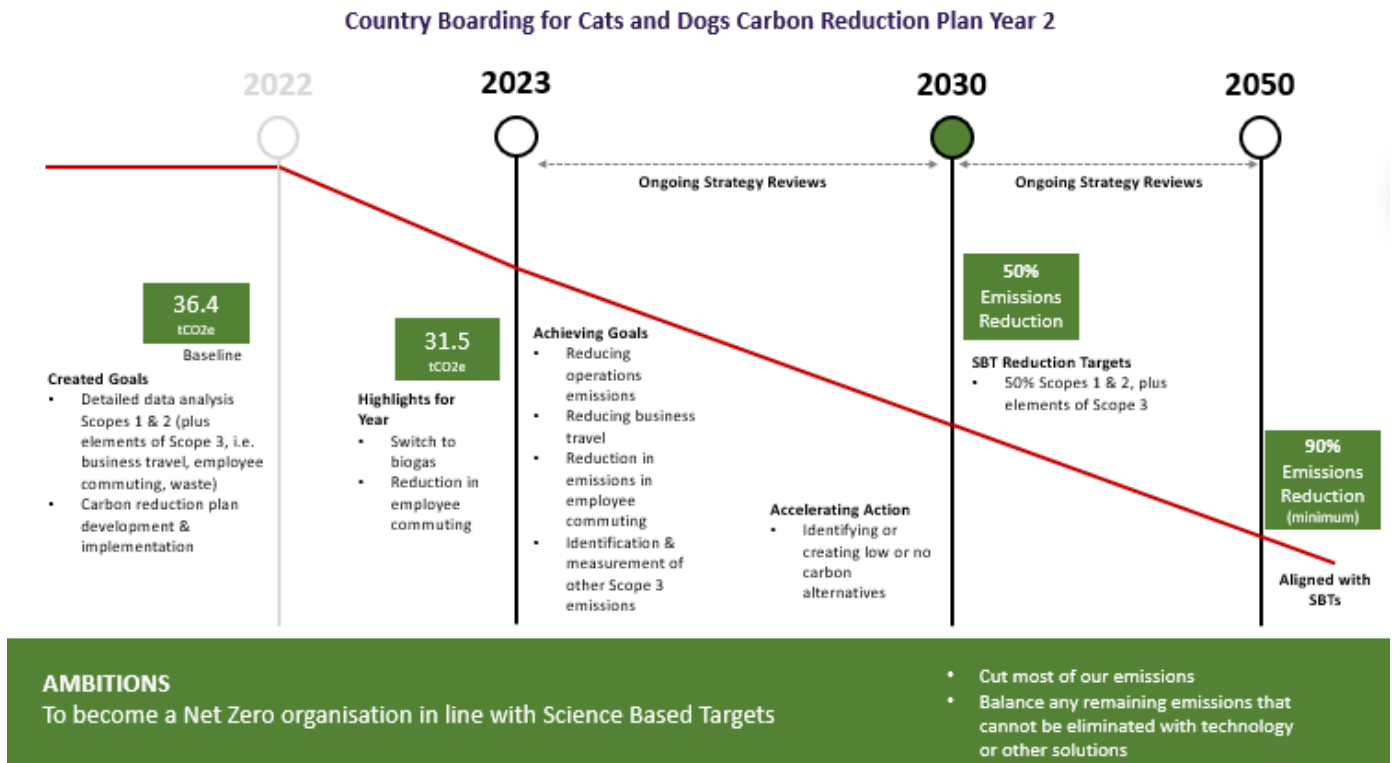
**Intensity Metrics (tCO<sub>2</sub>e)**

|  | 2022 | 2023 | Increase/<br>Decrease % |
|--|------|------|-------------------------|
|  Per Employee |      |      |                         |
| <b>Scopes 1, 2 &amp; 3</b>   | 2.5  | 2.1  | <b>-16%</b>             |

The chosen intensity metrics shows a carbon emissions value of 2.1 tCO<sub>2</sub>e per employee, which was a decrease by 16% from the benchmark period. The business headcount averaged 15 people during the reporting period.

## 7 Emissions Reductions Targets

The following graph summarises the carbon emissions reduction targets.





## Country Boarding for Cats and Dogs Carbon Emissions Report

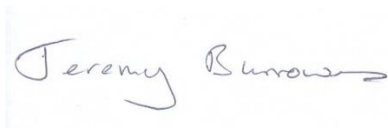
### 8 Carbon Reduction Actions

Country Boarding for Cats and Dogs will develop the following initiatives that will support the company's strategies to meet Science Based Targets:

| Area of Focus                         | Initiative   |
|---------------------------------------|--|
| <b>Employee Engagement</b>            | The aim of this initiative is to educate staff in quarterly sessions, educating staff explaining what Net Zero issues and how they can (staff) impact on our carbon emissions. By educating staff they will be more conscious about decisions that they make that can impact or reduce our carbon emissions.   |
| <b>Sustainable Travel Policy</b>      | Country Boarding Cats & Dogs will continue to embed a sustainable travel policy in the next year. The aim of the policy is to encourage and educate staff to take lower carbon travel options such as car sharing. (Due to our rural location and unsuitable road connections, public transport, cycling, walking is not realistically feasible.) This initiative will be done in line with the Employee Engagement process listed above as by educating our employees this will help them be more conscious about commuting and travel.   |
| <b>Sustainable Procurement Policy</b> | Country Boarding Cats & Dogs would furthermore embed and develop a sustainable procurement policy within the business to make sustainability a key consideration when purchasing key products and services. Country Boarding Cats & Dogs as well as evaluating price and quality from suppliers would look to understand their commitment to sustainability including asking for their carbon reduction plan and their targets during the contractual duration asking for reporting information on a quarterly basis. We signed up for a 100% renewal gas contract from January 2023. We reviewed our options for electricity tariffs in September 2023 and switched to a 100% renewable tariff. |
| <b>Electric Vehicles</b>              | As our company vehicles need replacing, we will look to purchase electric vehicles as replacements where appropriate.  |
| <b>Planting of Trees</b>              | In 2017 we planted 1100 saplings on site with the support of The Woodland Trust. The Agreement has been embedded to this report below. We continue to plant additional saplings to replace hedging and dead trees.   |

Signed on behalf of Country Boarding for Cats and Dogs

Name: **Jeremy Burrowes**



Position: **Director**

Date: 16<sup>th</sup> April 2024

## Country Boarding for Cats and Dogs Carbon Emissions Report

### 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<br>Reporting Year<br>Jan 22 – Dec 22 | Current<br>Reporting Year<br>Jan 23 – Dec 23 |
|---|--|--|
| Energy consumption used to calculate emissions Electricity Scope 2 - UK & Offshore (kWh)  | 31,859   | 47,429                                       |
| Energy consumption used to calculate emissions – Global, excluding UK & Offshore (kWh)  | N/A  | N/A  |
| Basis of Energy reporting (Location or Market) *  | Location                                       | Market                                       |
| % of total energy sourced from certified renewable sources  | 0%   | 30%  |
| Emissions associated with energy consumption - UK, Offshore & Global (tCO <sub>2</sub> e)   | 6.2  | 6.8  |
| Emissions from activities for which the company is responsible including combustion of fuel & operation of facilities - <b>Scope 1</b> (tCO <sub>2</sub> e) | 2.2  | 0.0  |
| Emissions from purchase of electricity, heat, steam and cooling purchased for own use - <b>Scope 2</b> (tCO <sub>2</sub> e)                                 | 6.2  | 6.8  |
| <b>Total Scope 1 &amp; 2 Emissions (tCO<sub>2</sub>e)</b>   | <b>8.4</b>                                     | <b>6.8</b>                                   |
| Emissions from upstream activities out of operational control - <b>Scope 3</b> (tCO <sub>2</sub> e)   | <b>27.0</b>                                    | <b>24.7</b>                                  |
| Emissions from use of sold products and services out of operational control - <b>Scope 3</b> (tCO <sub>2</sub> e)   | None included                                  | None included                                |
| <b>Total Gross Scope 3 Emissions (tCO<sub>2</sub>e)</b>   | <b>27.0</b>                                    | <b>24.7</b>                                  |
| <b>Total Scope 1, 2 &amp; 3 Emissions (tCO<sub>2</sub>e)</b>  | <b>36.4</b>                                    | <b>31.5</b>                                  |
| Intensity ratio tCO <sub>2</sub> e (gross Scope 1, 2 & 3) per employee  | 2.5  | 2.1  |
| Carbon offsets (tCO <sub>2</sub> e)   | <b>0.0</b>                                     | <b>0.0</b>                                   |
| <b>Total Annual Net Emissions (tCO<sub>2</sub>e)</b>  | <b>36.4</b>                                    | <b>31.5</b>                                  |

\* A location-based method reflects the average emissions intensity of grids on which energy consumption occurs (using mostly grid-average emission factor data). A market-based method reflects emissions from electricity that companies have purposefully chosen.

# Country Boarding for Cats and Dogs Carbon Emissions Report

## 10 Standard and Methodology Used

Country Boarding for Cats and Dogs 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 (CO<sub>2</sub>e) 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 Footprint is 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 CO<sub>2</sub>e 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 06/21 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: **Co-Founder**

Date: 16<sup>th</sup> April 2024

**Country Boarding for Cats and Dogs  
Carbon Emissions Report**

**13 Glossary**

|  |   |
|--|---|
| <b>Benchmark Data</b>                        | The chosen 12-month period that sets the calculated emissions that need to be mitigated and/or offset.  |
| <b>Carbon Reduction</b>                      | Reduction in measured CO <sub>2</sub> e emissions   |
| <b>Carbon Reduction Plan</b>                 | Plan to reduce CO <sub>2</sub> e emissions over a period of time, updated annually  |
| <b>Carbon Emissions (Gross)</b>              | CO <sub>2</sub> e emissions from Company activities   |
| <b>Carbon Emissions (Net)</b>                | CO <sub>2</sub> e emissions from Company activities minus verified carbon offsets the Company purchases   |
| <b>Carbon Neutral</b>                        | When emissions are fully offset including those emissions that could be mitigated.  |
| <b>Carbon Offsets</b>                        | A removal or reduction of carbon emissions through a verified scheme.   |
| <b>CO<sub>2</sub>e</b>                       | All greenhouse gases expressed in terms of Carbon Dioxide equivalent (CO <sub>2</sub> e) for consistency of reporting.  |
| <b>DESNZ</b>                                 | Department of Energy Security and Net Zero<br>( <a href="https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting">https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting</a> ) |
| <b>EEIO</b>                                  | Environmentally Extended Input Output – Emissions estimated on spend<br><a href="https://ghgprotocol.org/">https://ghgprotocol.org/</a>   |
| <b>Organisational Boundaries</b>             | GHG Protocol Organisational Boundaries<br><a href="https://ghgprotocol.org/sites/default/files/standards/ghg-protocol-revised.pdf">https://ghgprotocol.org/sites/default/files/standards/ghg-protocol-revised.pdf</a>                                       |
| <b>GHG Protocol</b>                          | Greenhouse Gas Protocol<br><a href="https://ghgprotocol.org/">https://ghgprotocol.org/</a>  |
| <b>Greenhouse Gases</b>                      | Carbon Dioxide (CO <sub>2</sub> ), Methane (CH <sub>4</sub> ), Nitrous Oxide (N <sub>2</sub> O), Chlorofluorocarbons (CFCs and HCFCs), Hydrofluorocarbons (HFCs), Perfluorocarbons (PFCs), Sulphur Hexafluoride (SF <sub>6</sub> )                          |
| <b>Greenhouse Gas Conversion Factors</b>     | Annually published conversion factors normally published by relevant government departments. Converts activity into CO <sub>2</sub> e emissions.  |
| <b>Greenhouse Gas Emissions (GHG)</b>        | Gases in the atmosphere that absorb and radiate heat  |
| <b>Intensity Metric/Ratio</b>                | A metric that measures carbon emissions per relevant unit of activity in a business.  |
| <b>Market Reporting v Location Reporting</b> | Market is based on specific tariffs. Location is based on the country from which you are reporting.   |
| <b>Net Zero</b>                              | GHG emissions are mitigated and those that cannot are offset  |
| <b>Renewable Tariff</b>                      | An energy tariff that is 100% powered by renewable energy and is certified.   |
| <b>SBT</b>                                   | Science Based Targets – reducing emissions by 50% by 2030 and by 90% by 2050 and offsetting the remaining amount.   |
| <b>Scope 1</b>                               | The fuels that are burnt (gas, transport the company owns, refrigerant gases)   |
| <b>Scope 2</b>                               | The energy that is bought (electricity from the grid, purchased heat)   |
| <b>Scope 3</b>                               | Emissions embedded in everything a company buys and emitted as a consequence of everything a company sells.   |
| <b>SECR</b>                                  | Streamlined Energy & Carbon Reporting   |
| <b>tCO<sub>2</sub>e</b>                      | Metric tonnes of CO <sub>2</sub> equivalent emitted.  |
| <b>WBCSD</b>                                 | World Business Council for Sustainable Development<br><a href="https://www.wbcsd.org/">https://www.wbcsd.org/</a>   |
| <b>WRI</b>                                   | World Resource Institute<br><a href="https://www.wri.org/">https://www.wri.org/</a>   |