Carbon Limiting Technologies
Carbon Reduction Plan

Supplier name: Carbon Limiting Technologies

Publication date: 30/10/2026

Commitment to achieving Net Zero

Carbon Limiting Technologies (CLT) is committed to achieving Net Zero emissions by 2030.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.
CLT's emissions footprint is estimated using the industry standard GHG Protocol approach combined with annual emissions factors released by DESNZ. As per the standard, emissions are grouped into Scope 1, 2 and 3, and reported on an annual basis.

Baseline Year: 2021	
Additional Details relating to the Baseline Emissions calculations.	
CLT has recently begun to report its emissions and is producing an updated baseline for monitoring having moved offices in the last year, requiring a change in the assumptions used. Assumptions and sources are included in the relevant box.	
Baseline year emissions:	
EMISSIONS	**TOTAL (tCO_2e)**
Scope 1	**0 tCO_2e** There are not combustion boilers in the offices used by CLT, and no internal combustion engine vehicles are used in commuting by CLT staff. CLT calculates that there are therefore no direct Scope 1 emissions.

Scope 2	**0.025 tCO_2e** CLT's office space is one unit in a large, shared office which uses electricity for heating, cooling, and powering office equipment. The office's utility provider is Pozitive Energy which only procures electricity from renewable sources. Although very low carbon intensity, renewable sources of electricity still have some lifecycle emissions, stemming from embodied carbon as well as operations and maintenance activity. Wind and solar reportedly have emissions intensities of 4 gCO2-eq/kWh and 6 gCO2-eq/kWh, respectively (Carbon Brief). To ensure we remain conservative a factor of 10 gCO2-eq/kWh is used to calculate emissions arising from electricity consumption.
Scope 3 **(Included Sources)**	**8.25 tCO_2e** CLT Scope 3 emissions arising from the following activities: • Business travel • Employee commuting • Waste generated in operations CLT does not have any Scope 3 emissions from: • Upstream transportation and distribution • Downstream transportation and distribution as we do not consume, convert or sell physical goods as part of our work.
Total Emissions	**8.275 tCO_2e**

Current Emissions Reporting

Reporting Year: 2025	
EMISSIONS	**TOTAL (tCO_2e)**
Scope 1	**0 tCO_2e** There are not combustion boilers in the offices used by CLT, and no internal combustion engine vehicles are used in commuting by CLT staff. CLT calculates that there are therefore no direct Scope 1 emissions.
Scope 2	**0.036 tCO_2e** Scope 2 emissions have increased due to a higher number of personnel present in the office and higher occupancy of the building space.
Scope 3 **(Included Sources)**	**2.503 tCO_2e** CLT Scope 3 emissions arising from the following activities: • Business travel – increased since the Covid pandemic • Employee commuting

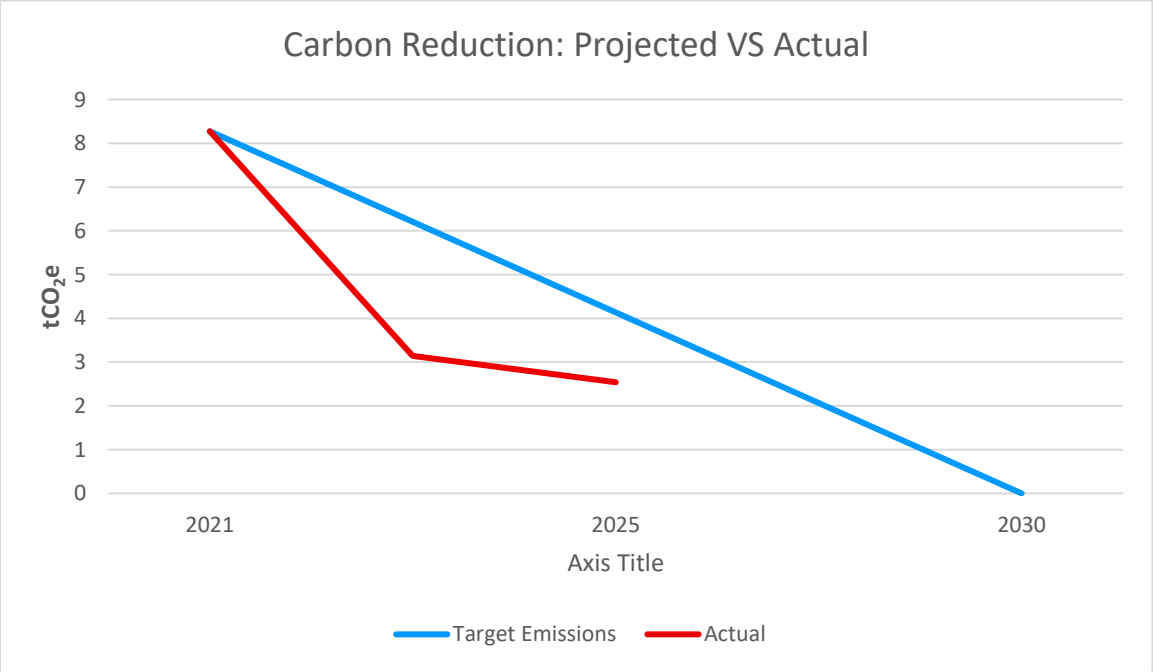
	• Hotel stays • Waste generated in operations CLT does not have any Scope 3 emissions from: • Upstream transportation and distribution • Downstream transportation and distribution as we do not consume, convert or sell physical goods as part of our work. Scope 3 emissions have reduced due to the nature of projects completed in 2024 requiring less travel, and employees have commuted to the office using more environmentally friendly transportation method.
Total Emissions	**2.540 tCO_2e**

Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

We project that net carbon emissions will decrease over the next five years to 0 tCO_2e by 2030. This is a reduction of 100%.

Progress against these targets can be seen in the graph below:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2021 baseline. The carbon emission reduction achieved by these schemes equates to 5.736 tCO_2e, a 69.3% reduction against the 2021 baseline and the measures will be in effect when performing the contract.

Previous carbon reduction projects include:

Transport Policies

CLT has an internal policy which requires all staff to travel by public transport where possible, instead of using personal vehicles, and to avoid flying unless there is no alternative, reasonable route, preferring train and bus travel if possible.

CLT also targets remote delivery of its services where possible, as this further reduces the footprint of the organisation.

Change in Energy Supplier

CLT has ensured that its energy supplier sources all of its electricity from Net Zero compatible sources. This has been achieved through working with owner of the CLT office building to ensure that an appropriate supplier was found. The office's utility provider is Pozitive Energy which only procures electricity from renewable sources.

Whilst this has not reduced the carbon emissions due to electricity usage to 0, due to embedded carbon in infrastructure, it has significantly reduced it compared to the average grid carbon intensity of 147 g/kWh.

Carbon intensity for wind and solar reportedly have emissions intensities of 4 gCO2-eq/kWh and 6 gCO2-eq/kWh, respectively (Carbon Brief). To ensure we remain conservative a factor of 10 gCO2-eq/kWh is used to calculate emissions arising from electricity consumption.

Future carbon reduction initiatives

In the future we hope to implement further measures such as:

Working from home – inclusion in calculations and support for staff

CLT is working with its staff to ensure that they can make informed decisions covering the carbon intensity when working from home. This could include support for employees to find energy suppliers with low carbon intensity.

Carbon Offsetting

To achieve Net Zero, given the unavoidable residual emissions, CLT aims to offset these.

Traditional carbon offsets have been the subject of a lot of scrutiny in recent years with double counting and several suspect schemes being called out. This is a very fast-moving area and some of the new methods for offsetting (i.e., carbon removal) as well as verification look more promising than what has come before. We will perform an annual review of the available options to determine the best available option for offsetting CLT's residual emissions.

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with 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[1] and uses the appropriate Government emission conversion factors for greenhouse gas company reporting[2].

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[3].

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

Signed on behalf of the Supplier:

Beverley Gower-Jones, CEO

Date: 30/10/2026

[1] https://ghgprotocol.org/corporate-standard
[2] https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting
[3] https://ghgprotocol.org/standards/scope-3-standard