



Causeway Technologies: PPN 06/21 Carbon Reduction Plan

Produced in collaboration with Carbonology® Ltd

October 2023

Causeway Technologies Ltd Carbon Reduction Plan

Supplier name: Causeway Technologies Ltd.

Publication date:

Commitment to Achieving Net Zero

Causeway Technologies Ltd (hereafter referred to as Causeway) is committed to achieving Net Zero emissions by 2050 through the implementation of a range of carbon reduction initiatives.

Causeway is committed to reviewing its emissions on an annual basis and maintaining its commitment to carbon neutrality in alignment with PAS 2060. Commitment to carbon neutrality will be supported by the annual quantification of 100% of Scope 1 and 2 emissions, as well as relevant Scope 3 emissions.

Emissions have been quantified in alignment with ISO 14064-1:2019, the international standard for quantifying and reporting greenhouse gas emissions. UK emission factors produced by DEFRA, have been used to calculate emissions in tCO₂e, tCO₂, tCH₄ and tN₂O.

This Carbon Reduction Plan has been produced in collaboration with [Carbonology® Ltd.](#)

Previous Year’s Emissions Reporting

Year: 2021 (1 st January 2021 – 31 st December 2021)	
Emissions	TOTAL (tCO ₂ e)
Scope 1	0.49
Scope 2	0.56
Scope 3 (Included sources)	254.01 <ul style="list-style-type: none"> • Business Travel (rail, road, air) • Commuting • Downstream transportation and distribution • Upstream transportation and distribution • Fuel and energy related activities • Operational waste
Total Emissions	255.06

Baseline & Current Emissions Reporting

Baseline emissions are a record of the greenhouse gases that were produced in the past, prior to the introduction of any strategies to reduce emissions. Baseline emissions serve as a reference point against which emissions reductions can be measured.

The year 2022 has been selected as a new base year for Causeway’s GHG emissions reporting for various reasons. Firstly, it is the first year that quantification to this level of detail has been possible, due to the accessibility of data on various Scope 3 sources for the first time. In addition, there were significant changes to Causeway’s organisational boundaries, along with increased activity following the relaxation of COVID-19 restrictions. Scope 3 sources quantified for the first time include homeworking, hotel stays, internet servers, coworking spaces, water supply, water treatment and new operational facilities.

Baseline Year: 2022 (1st January 2022 – 31st December 2022)

Additional Details relating to the Baseline Emissions calculations.

This is the first year that Causeway has quantified organisational emissions at this level of detail. This was possible as it was the first year that data became accessible for various Scope 3 sources. Additionally, there were significant changes to Causeway’s organisational boundaries, along with increased activity following the relaxation of COVID-19 restrictions. In 2022, the majority of employees worked from home, moving forward there will be a shift away from homeworking. 2022 will serve as a base year for comparison with future reporting periods.

Baseline year emissions:

Emissions	TOTAL (tCO ₂ e)
Scope 1	2.43
Scope 2	58.66
Scope 3 (Included Sources)	1,050.74 <ul style="list-style-type: none"> • Business travel • Commuting • Downstream transportation • Electricity T&D • Water supply • Water treatment • Waste • Servers

	<ul style="list-style-type: none"> • Hotel stays • Homeworking • Coworking spaces (WeWork)
Total Emissions	1,111.83

Emissions Reduction Targets

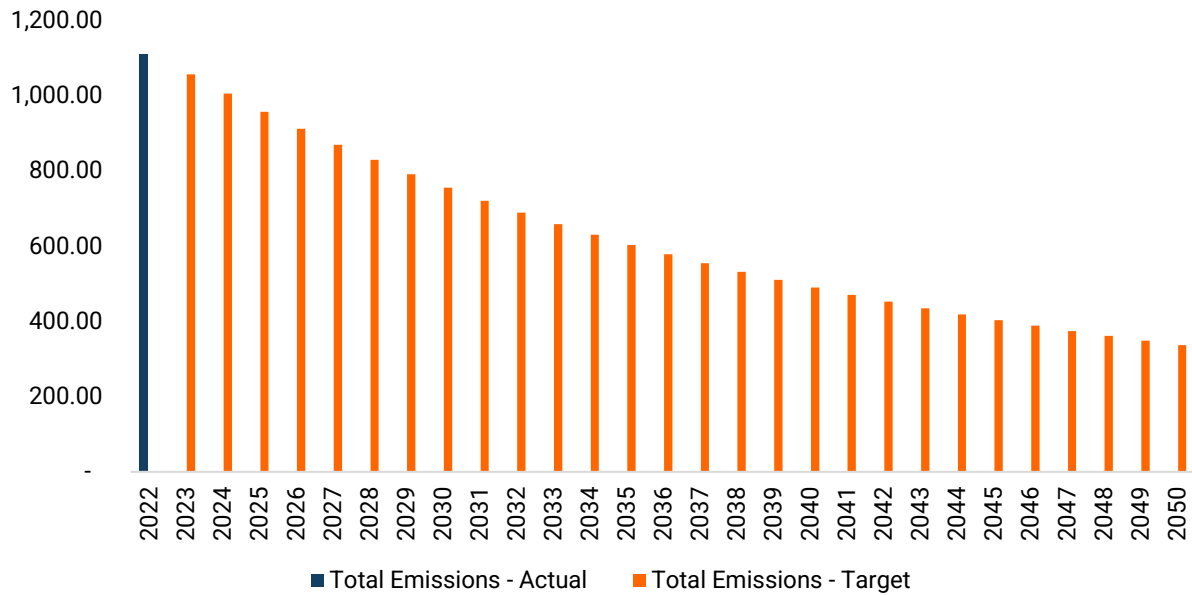
To ensure that we continually reduce our carbon emissions and achieve Net Zero by 2050, we have developed the following carbon reduction targets. Reductions listed below are against the 2022 base year.

- Reduce emissions from gas combustion by 5% each year, phasing it out entirely by 2030.
 - 0.82 tCO₂e reduction over the next 5 years.
- Reduce emissions from electricity consumption by 12% each year.
 - 27.70 tCO₂e reduction over the next 5 years.
- Reduce emissions from T&D by 12% each year.
 - 2.62 tCO₂e reduction over the next 5 years.
- Reduce grey fleet emissions by 5% each year.
 - 23.07 tCO₂e reduction over the next 5 years.
- Reduce emissions from employees commuting by 5% each year.
 - 145.65 tCO₂e reduction over the next 5 years.
- Reduce emissions from downstream transportation by 5% each year.
 - 29.64 tCO₂e reduction over the next 5 years.
- Reduce emissions from server hosting providers by 5% each year.
 - 10.37 tCO₂e reduction over the next 5 years.
- Reduce emissions from hotel stays by 5% each year.
 - 1.91 tCO₂e reduction over the next 5 years.

We project that carbon emissions will decrease over the next five years to 870.30 tCO₂e by 2027. This is a reduction of 21.72%.

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

Actual vs Target Emissions - tCO₂e



Carbon Reduction Projections

Completed Carbon Reduction Initiatives

- Achievement of ISO 14001:2015 Environmental Management System for ongoing improvement of environmental performance and support of carbon reduction.
- Commitment to the annual quantification of GHG emissions in alignment with ISO 14064-1.
- Implementation of a travel and commuting policy designed to encourage emission reductions.
- HVAC maintenance to avoid leakage.
- Replacement of existing offices with new offices that maximise energy efficiency.
- Hybrid working and virtual meetings embraced to reduce commuting and business travel emissions.

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

- Continue to monitor the commitment of key suppliers and server hosting providers to carbon reduction and overall sustainability.
- Continue to monitor and review office environments and make responsible decisions in support of reducing our carbon footprint.
- Avoid acquiring new offices that use gas and/or are not energy efficient.
- Implement existing Carbon Reduction Plans at newly acquired businesses.

- Ensure that existing travel and commuting policies remain up to date and take advantage of emission reduction opportunities as they arise.
- Aim to reduce the 2022 levels of tCO₂e produced per employee and tCO₂e produced per million £ turnover (2.41 tCO₂e & 24.98 tCO₂e respectively).

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 standard¹ 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) Standard³.

This Carbon Reduction Plan has been reviewed and approved by Causeway Technologies Limited Executive Team.

[Signed on behalf of Causeway Technologies Limited:](#)



Company Secretary

Date: 26 October 2023

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>