

Cooneen Group

CARBON REDUCTION PLAN

Date of Issue: 09/10/2025

Carbon Reduction Plan

Last Update: 09/10/2025

Introduction

Cooneen are pleased to provide our Carbon Reduction Plan which has been developed to provide a central focus to the range of activities that are necessary to allow the organisation to achieve its target of net zero by 2045. While this is an ambitious target, Cooneen believe they have the capability and resources in place to achieve this and therefore play our part in creating a more sustainable economy in the UK and beyond.

Commitment to achieving Net Zero

Cooneen Group is committed to achieving Net Zero emissions by 2045.

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.

A carbon footprint audit for Cooneen was independently completed in July 2021 on our Fivemiletown Site, by **Fathom Energy and Environment Ltd** with support from the local government business agency, **Invest Northern Ireland**. The analysis and subsequent report were completed in accordance with the Greenhouse Gas Protocol (GHG) which is a recognised global standard for carbon reporting. The report identified the scope 1 and scope 2 emissions for the organisation (163.5 tonnes CO₂) and completed a limited analysis of scope 3 (1028.9 tonnes CO₂).

Baseline year emissions: 2021	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	Total Carbon dioxide equivalent emissions – 65.42
Scope 2	Total Carbon dioxide equivalent emissions – 98.096
Scope 3 (Included Sources)	Total Carbon dioxide equivalent emissions – 1028.92
Total Emissions	1192.43

In July 2025, Cooneen requested their Carbon Emissions Report from a new external provider, **Carbon Neutral Britain Ltd**. This helped Cooneen to identify our total Carbon Footprint across all Cooneen sites to a more accurate figure. Using the ISO 14064 and GHG Emissions Protocol Standards, Cooneens Emissions are calculated across the three Scopes below.

This appears higher than our Original Baseline Year calculation of our Carbon Emissions as this is an accurate representation of the Carbon Emissions produced across all Cooneen Sites and will serve as our Baseline Emissions moving forward.

New Baseline Year: 2024 (01/04/2024 – 31/03/2025)	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	123.94
Scope 2	131.29
Scope 3 (Included Sources)	9,978.48
Total Emissions	10,233.70

Current Emissions Reporting

As this is our first year using the Carbon Emissions Report produced by **Carbon Neutral Britain Ltd**, 2024 is our Current Reporting Year. This will be updated in July 2026 to cover Reporting Year 2025 (01/04/2025 – 31/03/2026).

Current Reporting Year: 2024 (01/04/2024 – 31/03/2025)	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	123.94
Scope 2	131.29
Scope 3 (Included Sources)	9,978.48

Total Emissions	10,233.70
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Scope 1 (Direct Emissions)

Activities owned or controlled by the organisation that release emissions straight into the atmosphere. For Cooneen, this includes:

- Stationery and Mobile Source Emissions (equipment and quantity combusted),
- Company Owned and Leased Vehicles (vehicle type and distance travelled),
- Refrigerant Gas Losses (refrigerant type and new/disposed units) for the organisation only.

Scope 2 (Energy Indirect)

Emissions being released into the atmosphere associated with the consumption of purchased electricity, heat, steam and cooling. These are indirect emissions that are a consequence of the organisation's activities - but occur at sources that the business does not own or control. For Cooneen, this includes:

- Purchased Energy (electricity, imported heat, steam in kwh) from the office and vehicles, using the location-based method.

Scope 3 (Other Indirect)

Emissions that are a consequence of business activity, which occur at sources which are not owned or controlled, which are not classed as scope 2 emissions. For Cooneen, this includes:

- Homeworking Energy (Days),
- Water (consumption and waste volume),
- Waste (landfill, recycled and composted weight),
- Business Travel (type and distance),
- Staff Commuting (average distance and type),
- Hotel Stays (UK, Europe or Worldwide days),
- Inbound/Outbound delivery (weight/volume, type and source),
- Transmission and Distribution losses associated with electricity usage (kwh),
- Well To Tank emissions from combustion fuels (volume combusted).

Emissions reduction targets

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

Through our Carbon Neutral Britain Carbon Emissions Report, we project that the carbon emissions will decrease over the next 5 years to 5116.85 tCO₂e by 2030. This is a reduction of 50%.

We project that the carbon emissions for scope 3 will require further analysis and investigation to fully understand and calculate the emissions associated with this scope. We therefore commit to completing a detailed analysis exercise by 2026 and in the meantime work to implement solutions to deal with end-of-life products.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the original 2021 baseline calculated by **Fathom Energy and Environment Ltd.**

The carbon emission reduction achieved by these schemes to date equate to 45.06 tCO₂e, a 3.75% reduction against the 2021 baseline.

Please Note: Moving forward, Carbon Emissions reductions will be calculated from the updated 2024 Reporting Year Emissions Calculated by **Carbon Neutral Britain Ltd** to more accurately report on Carbon Reduction across the Cooneen Group.

Based on their Carbon Emissions analysis, **Fathom Energy and Environment Ltd** provided Cooneen with a Carbon Reduction Project Plan with recommendations to reduce our emissions. The following environmental management measures and projects have been completed or implemented since the 2021 baseline. The carbon emission reduction achieved by these schemes to date equate to **45.06 tCO₂e**, a **3.75% reduction** against the 2021 baseline.

Carbon Reduction Projects Table

	Recommendation summary Report	Recommendation number	January 2025
1	Develop and implement a formal, targeted carbon and energy awareness campaign	11	Complete Involved training, awareness campaign throughout all sites including “switch off” prompts on all systems at close of working day
2	Introduce a formal policy on air conditioning temperature set points	6	Complete Air con control systems secured by admin-only access and set to restricted temperature range points
3	Introduce an ongoing energy check process	12	Complete Assessment on year-on-year energy usage now in place on a monthly basis
4	Complete the LED lighting replacement project	3	Partially complete Fivemiletown site complete Amesbury site complete Manchester site – quotes obtained and awaiting approval to proceed with work – capital cost £17K Please note that LED replacement projects have included the installation of PIR sensors and daylight controls to ensure lighting is only used when necessary (smart controls).
5	Complete the specialist low carbon heating assessment to identify solutions	9	Not started
6	Highly efficiency air conditioning unit replacement policy	7	Complete

			Policy in place
7	Based on the subsequent change in electricity load on site following the implementation of relevant actions from 1. And 2. above, obtain a minimum of 2 quotations for the installation of a solar PV array(s).	4	Complete See below
8	At the same time as requesting solar PV array quotations, request an additional option for the installation of a battery storage solution to maximise the use of the generated renewable electricity	5	Complete Solar PV assessment completed for Group Headquarters site in May 2023. This will be a significant investment of circa £300K but will provide up to 33% of the Fiivemiletown site's annual energy demand and includes consideration for storage of surplus electricity. Cooneen has since completed the Solar PV install at their Group HQ in October 2024 alone we have reduced our reliance on fossil fuel derived electricity by installing significant solar PV arrays at our Group HQ, providing a 13 tonne CO2 annual reduction.
9	Install a monitoring and targeting system to complete ongoing monitoring of consumption on prioritised meters	13	In work Working with SMDH
10	Consider the purchase of electric vehicles and installation of charge points to reduce carbon emissions associated with fuel use	10	In work Company vehicle policy amended to require purchase of hybrid or fully electric vehicles. Quotes obtained for installation of charge points at all company sites.
11	Procure green grid electricity supply contract	8	Not started

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 reporting².

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 signed off by the board of directors.

Signed on behalf of Cooneen Group:



Name: Neville McIlwrath

Job Role: Business Support Director

Date: 09/10/2025

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>