Carbon Reduction Plan PPN06/21

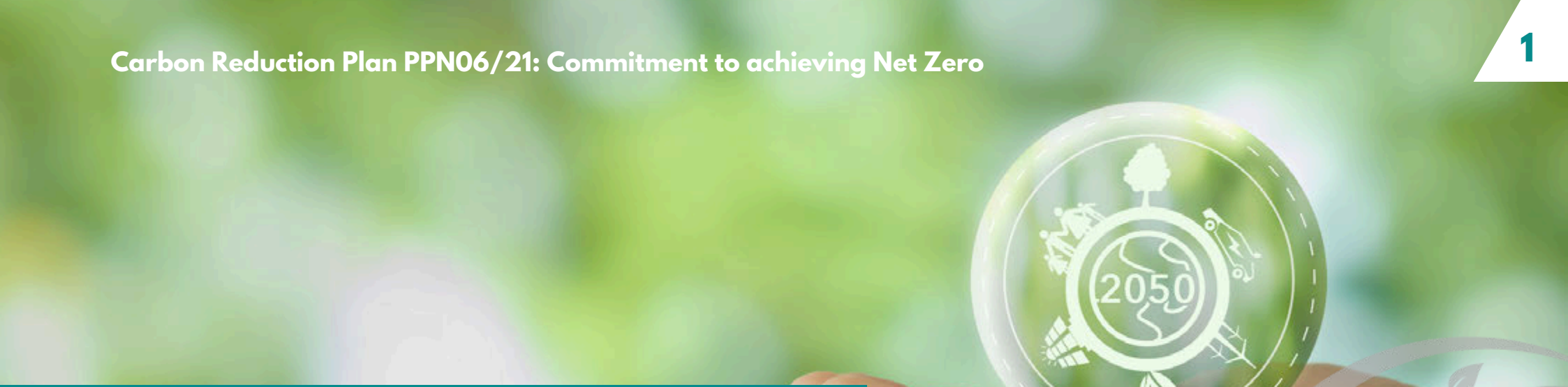
Commitment To Achieving Net Zero



killowencontracts.co.uk

Killowen Contracts Ltd

Building, Civil Engineering and Fitout Contractors



Our Commitment

environmental protection, climate change and Net Zero

Killowen Contracts Ltd is a Building, Civil Engineering & Fit-Out Contractor operating throughout Northern Ireland and ROI undertaking work for both public and private sector clients.

We recognise our responsibility in terms of the protection of the environment, Climate Change and its commitment to achieving Net Zero emissions by 2050.

To manage the environmental performance of our business, the company has implemented an Integrated Management System (IMS), to meet the requirements of ISO 45001:2018, ISO 9001:2015 and ISO 14001:2018.

Killowen Contracts Ltd
Building, Civil Engineering and Fitout Contractors



Our Commitment

to achieving Net Zero

Killowen Contracts Ltd is committed to achieving Net Zero emissions by 2050.

Our commitment is made independently to delivering Net Zero within our own operations (Scope 1 and Scope 2) emissions earlier than 2050.

We are working towards achieving Net Zero within our supply chain (Scope 3 emissions) by 2050.

Killowen Contracts Ltd
Building, Civil Engineering and Fitout Contractors



Baseline Emissions Footprint

to achieve Net Zero

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.

Killowen Contracts Ltd began tracking emission data in 2020, focusing primarily on Scope 1 and 2, over this past number of years our emission sources have developed to include Scope 3, our baseline year from 1st April -31st March 2023.

Killowen Contracts Ltd
Building, Civil Engineering and Fitout Contractors



Calculating Carbon Emissions

to achieve Net Zero

We have calculated the carbon emissions and kWh figures using the UK Government's 2024 Conversion Factors for Company Reporting.

These can be found here: https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2024.

Killowen Contracts Ltd
Building, Civil Engineering and Fitout Contractors



Carbon Emissions

baseline year FY 22/23

Although we have been measuring Scope 1 and 2 emissions since 2020, we shall use the 2023 year-end figures as the base reporting year due to having all scope 1, 2 and some scope 3 emissions to report on since 2020.

The following categories will be considered as part of setting new baseline targets for Scope 3:

1. Employee commuting
2. Fuel and energy related activities
3. Upstream transportation and distribution
4. Waste generated in operations
5. Business travel
6. Downstream transportation and distribution (are not applicable to company)

EMISSIONS	TOTAL (tCO2e)
Scope 1	404.35
Scope 2	78.13
Scope 3 (Included Sources)	105.98
Total Emissions	**588.63**

Killowen Contracts Ltd
Building, Civil Engineering and Fitout Contractors



Carbon Emissions

baseline year FY 23/24

EMISSIONS	TOTAL (tCO2e)
Scope 1	389.5
Scope 2	75.38
Scope 3 (Included Sources)	130.8
Total Emissions	**595.68**

Killowen Contracts Ltd
Building, Civil Engineering and Fitout Contractors



Carbon Emissions

baseline year FY 24/25

EMISSIONS	TOTAL (tCO2e)
Scope 1	350.75
Scope 2	70.23
Scope 3 (Included Sources)	119.5
Total Emissions	**540.48**

Killowen Contracts Ltd
Building, Civil Engineering and Fitout Contractors



Carbon Emissions

baseline year FY 24/25 subset of scope 3 emissions

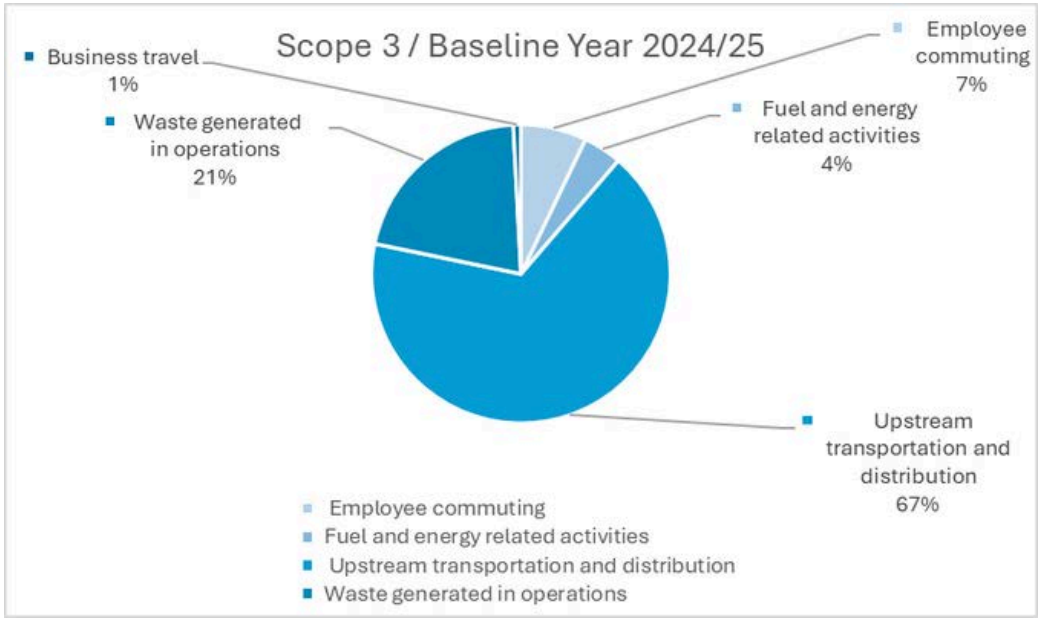


Illustration provides a breakdown of the defined subset of Scope 3 emissions for the current reporting year, showing the % allocation of each.

Killowen Contracts Ltd
Building, Civil Engineering and Fitout Contractors



Carbon Reduction Targets

to achieve Net Zero

To continue our progress to achieving Net Zero, Killowen Contracts Ltd has adopted the following carbon reduction targets:

- Emissions reductions
- Carbon reduction on projects



Emission

reduction targets

- Trialling of hybrid/electric technologies on our sites, such as Battery Storage, battery. operated Saws and Hybrid Generators that have been successful in reducing our Scope 1 Emissions.
- Evaluating our fleet policy to produce an in-depth analysis of both Hybrid and Electric vehicles for the future.
- Installation of Energy Efficient lighting systems within our office environments, where we have reduction in lighting installations whilst having greater efficacy, reducing Scope 2.
- Installation of roof mounted solar PV systems are under review and would reduce the demand-load as part of our sustainability plans along with new installed car-charging points.
- Educating our Supply Chain to understand, manage and reduce carbon emissions.
- Reduce vehicle emissions by achieving a 20% reduction in Kg/CO2 across the whole fleet.
- Staff training and awareness in bespoke carbon literacy courses.
- Launch of our Tree Planting Scheme on company owned land.

Killowen Contracts Ltd
Building, Civil Engineering and Fitout Contractors



Carbon

reduction targets on projects

- Optimisation of deliveries (to drive fewer deliveries to site and therefore associated carbon).
- Early connection to Grid Electricity to reduce reliance on bowser fuel.
- Site generators to run on GreenD+ fuels generating up to 90% less carbon emissions.
- Investigate renewable energy opportunities.
- Consider a more sustainable transport strategy.
- Installation of LED lighting in site office welfare facilities as well as energy efficient appliances throughout site.
- Develop our project carbon footprint capabilities for monitoring, measuring and reporting.



Declaration

This plan has been reviewed and signed off by the board of directors (or equivalent management body)

This Carbon Reduction Plan has been completed in accordance with PPN06/21 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.

Killowen Contracts Ltd
Building, Civil Engineering and Fitout Contractors

Commitment to achieving Net Zero

Delivering construction excellence for 50 years

Policy document signed: Mr Brian McGivern
Position: Managing Director
Date: 1st January 2026



65 Upper Dromore Road, Burren, Warrenpoint BT34 3PN
Tel: +44 (0)28 4175 3378

killowencontracts.co.uk

Killowen Contracts Ltd
Building, Civil Engineering and Fitout Contractors