

# **FAIRFIELD CONTROL SYSTEMS & FAIRFIELD ENGINEERING SOLUTIONS LIMITED (FAIRFIELD GROUP)**

## **PPN 06/21 CARBON REDUCTION PLAN (CRP)**

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**Client:** Fairfield Group

**Prepared for:**

**David Kilner - QHSE Manager**

**Date:** November 2025

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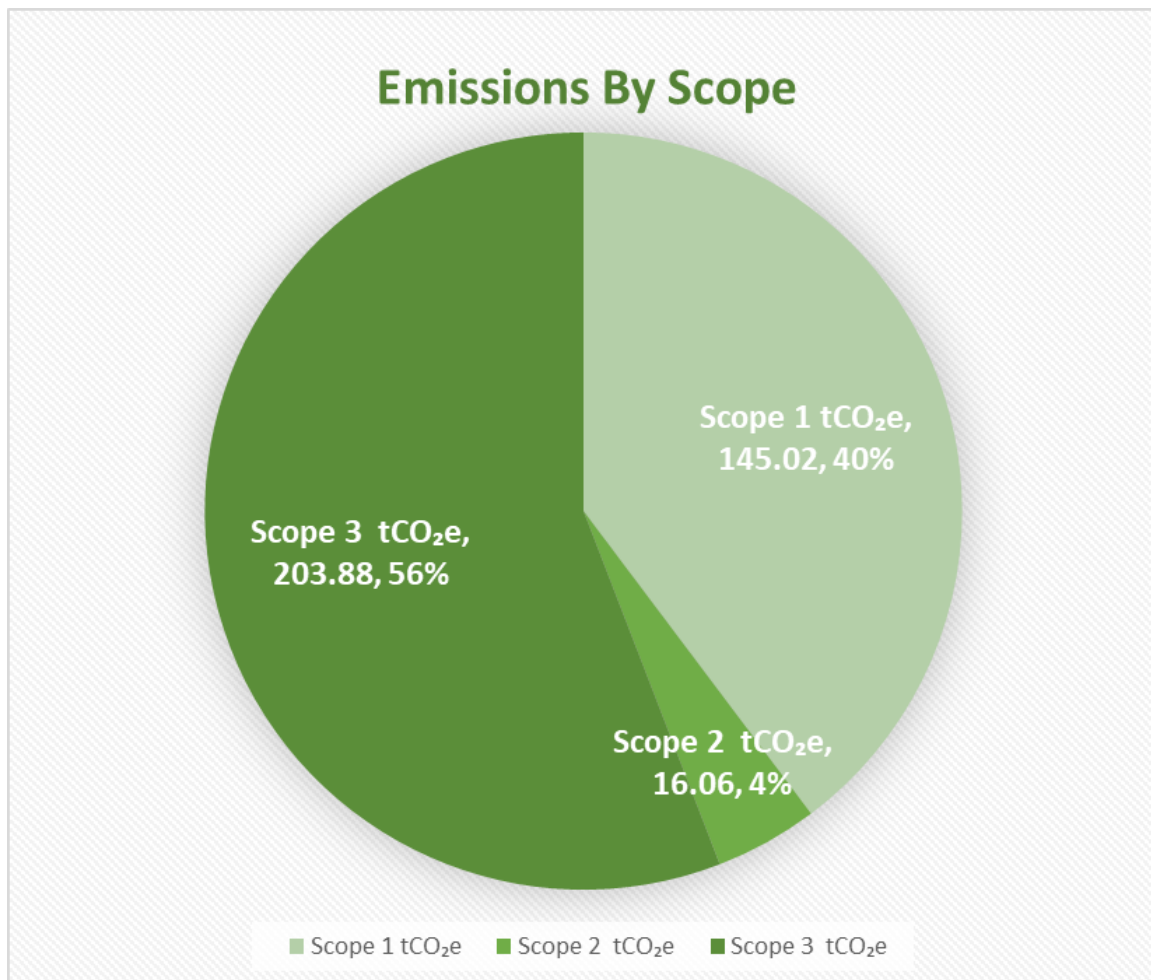
# Fairfield Control Systems Ltd. & Fairfield Engineering Solutions Ltd

## PPN 06/21 Carbon Emissions & Reduction Plan Report

This is a summary of the PPN 06/21 Carbon Emission & Reduction Plan Report for Fairfield Group for the calendar year 2024.

### TOTAL EMISSIONS AND INTENSITY METRICS

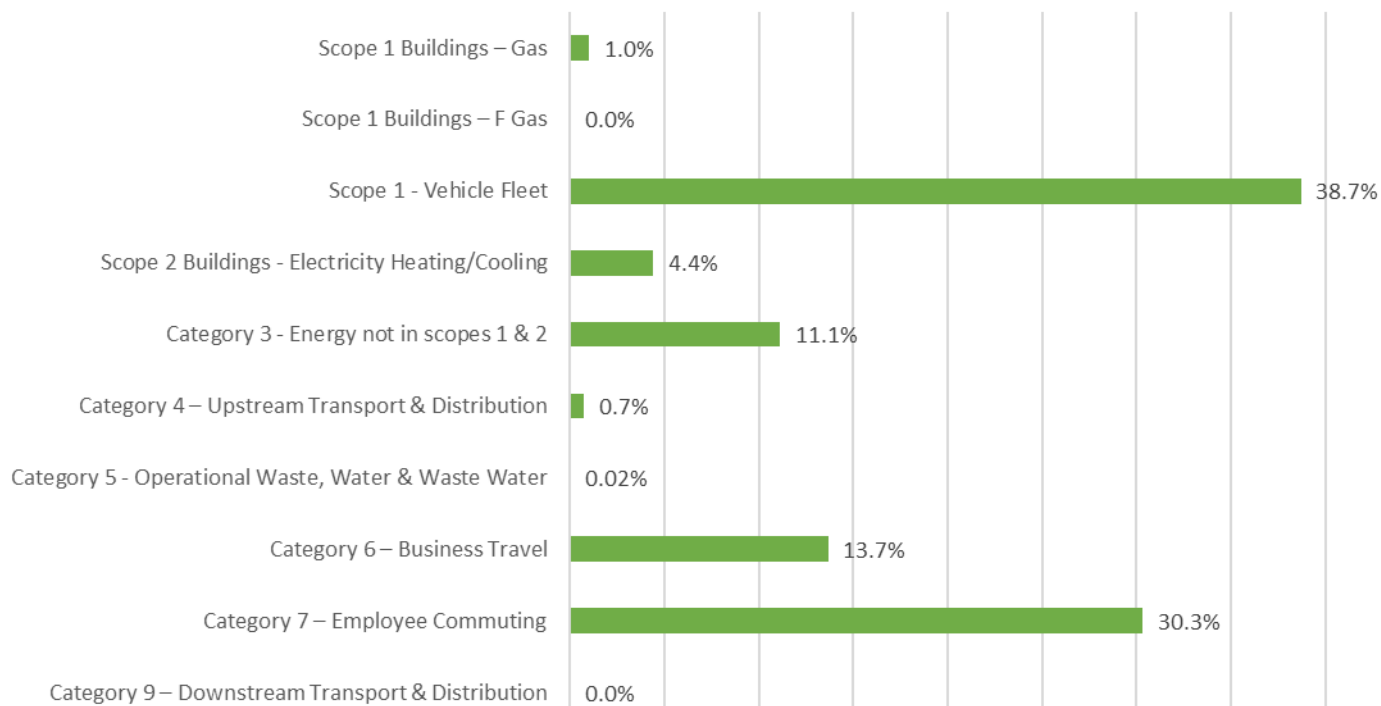
<b>364.96</b>	<b>36.50</b>	<b>3.76</b>
<b>Total tCO<sub>2</sub>e</b>	<b>£10,000,000 tCO<sub>2</sub>e per £1M Turnover</b>	<b>97 employees tCO<sub>2</sub>e Per Employee</b>



Note – due to rounding, small variations may occur in the calculated figures below

Source	Scope	tCO <sub>2</sub> e	Percentage
Buildings – Gas	1	3.71	1.0%
Buildings – F Gas	1	0.00	0.0%
Vehicle Fleet	1	141.31	38.7%
Electricity & Steam /Cooling	2	16.06	4.4%
Purchased Good & Services	3	0.00	0.0%
Energy not in scopes 1 & 2	3	40.52	11.1%
Upstream Transport & Distribution	3	2.69	0.7%
Operational Waste, Wastewater & Water	3	0.09	0.0%
Business Travel	3	49.88	13.7%
Employee Commuting	3	110.70	30.3%
Downstream Transport & Distribution	3	0.00	0.0%
<b>Total</b>		<b>364.96</b>	<b>100%</b>

### Emission Percentage Breakdown By Source



Note: Due to rounding small differences may occur in the figures.

\* Emissions for products purchased and transported between the company's tier 1 suppliers and the company's operations, in vehicles not owned or controlled by the reporting company and NOT paid for by the reporting company, are NOT included. Data is not available for these emissions. A data improvement plan to address this is currently in progress.

# Fairfield Control Systems Ltd & Fairfield Engineering Solutions Ltd PPN/0621 Carbon Reduction Plan

Publication date: **13/11/2025**

## Commitment to achieving Net Zero

Fairfield Group is committed to achieving Net Zero emissions by 2050.

## Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that were produced by Fairfield Group for the year indicated and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which future emissions reduction can be measured.

<b>Baseline Year: 2022 (also the first reporting period)</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
<b>Exclusions</b> The Baseline emissions for this report do not include all of the Scope 3 Category 9 emissions. The transport & distribution of products purchased from tier 1 suppliers is paid for by the suppliers and no data is available from the suppliers. We are working with these suppliers to enable data capture in the future.	
<b>Baseline year emissions: 2022</b>	
<b>EMISSIONS</b>	
<b>Scope 1</b>	<b>112.82 tCO<sub>2</sub>e</b>
<b>Scope 2</b>	<b>17.01 tCO<sub>2</sub>e</b>
<b>Scope 3 (Included Sources)</b>	<b>167.94 tCO<sub>2</sub>e</b> Category 3 – Energy Not Included in Scopes 1 & 2 – <b>56.62 tCO<sub>2</sub>e</b> Category 4 – Upstream Transportation & Distribution – <b>3.78 tCO<sub>2</sub>e</b>

	Category 5 – Operational Waste, Wastewater & Water– <b>0.12 tCO<sub>2</sub>e</b> Category 6 – Business Travel – <b>22.68 tCO<sub>2</sub>e</b> Category 7 - Employee commuting & Remote Working – <b>84.72 tCO<sub>2</sub>e</b> Category 9 – Downstream Transportation & Distribution – <b>Data Not available</b>
<b>Total Emissions</b>	<b>297.92 tCO<sub>2</sub>e</b>

## Current Emissions Reporting

<b>Reporting Year: 2024</b>	
<b>Exclusions</b> The Baseline emissions for this report do not include all of the Scope 3 Category 9 emissions. The transport & distribution of products purchased from tier 1 suppliers is paid for by the suppliers and no data is available from the suppliers. We are working with these suppliers to enable data capture in the future.	
<b>EMISSIONS</b>	
<b>Scope 1</b>	<b>145.02 tCO<sub>2</sub>e</b>
<b>Scope 2</b>	<b>16.06 tCO<sub>2</sub>e – market based</b> 22.51 tCO <sub>2</sub> e – location based
<b>Scope 3</b> (Included Sources)	<b>203.88 tCO<sub>2</sub>e</b> Category 3 – Energy Not Included in Scopes 1 & 2 – <b>40.52 tCO<sub>2</sub>e</b> Category 4 – Upstream Transportation & Distribution – <b>2.69 tCO<sub>2</sub>e</b> Category 5 – Operational Waste, Wastewater & Water– <b>0.09 tCO<sub>2</sub>e</b> Category 6 – Business Travel – <b>49.88 tCO<sub>2</sub>e</b> Category 7 - Employee commuting & Remote Working – <b>110.70 tCO<sub>2</sub>e</b> Category 9 – Downstream Transportation & Distribution – <b>Data Not available</b>
<b>Total Emissions</b>	<b>364.96 tCO<sub>2</sub>e</b>

# Carbon Reduction Plan

## Executive Summary

When we are looking at projects for carbon reduction and improvements to carbon and financial operations, we look at three key areas:

- **Capital Projects** – Projects where new systems, equipment or technology is purchased and capitalised as a business asset to help reduce cost and carbon, e.g. Solar power.
- **Procurement Projects** – These are projects where improving current supplier practices or changing supplier or items purchased will improve cost or carbon performance.
- **Behavioural & Process Projects** – These projects are through change in behaviour of staff within a company through education, awareness or involvement, as a result have direct cost and carbon improvements.

## The Plan

- Fairfield Group is continually improving its long-term strategic plan. One element of this plan is to demonstrate how the business will meet its Environmental, Social and Governance (ESG) obligations and the needs and wishes of its stakeholders.
- A fundamental part of developing such a plan is gathering evidence with which to inform decision-making and direct future strategy. This project is part of that evidence-gathering process.
- The results from this work will assist ECS to optimise sustainability, minimise emissions and maintain climate-related concerns as a core element of their strategic plans in the future.
- A key focus in 2024/2025 will be continuing to improve the data quality, both internal and from suppliers and to work with our supply chain to better understand our Scope 3 Category 1 emissions.

## Emissions reduction targets

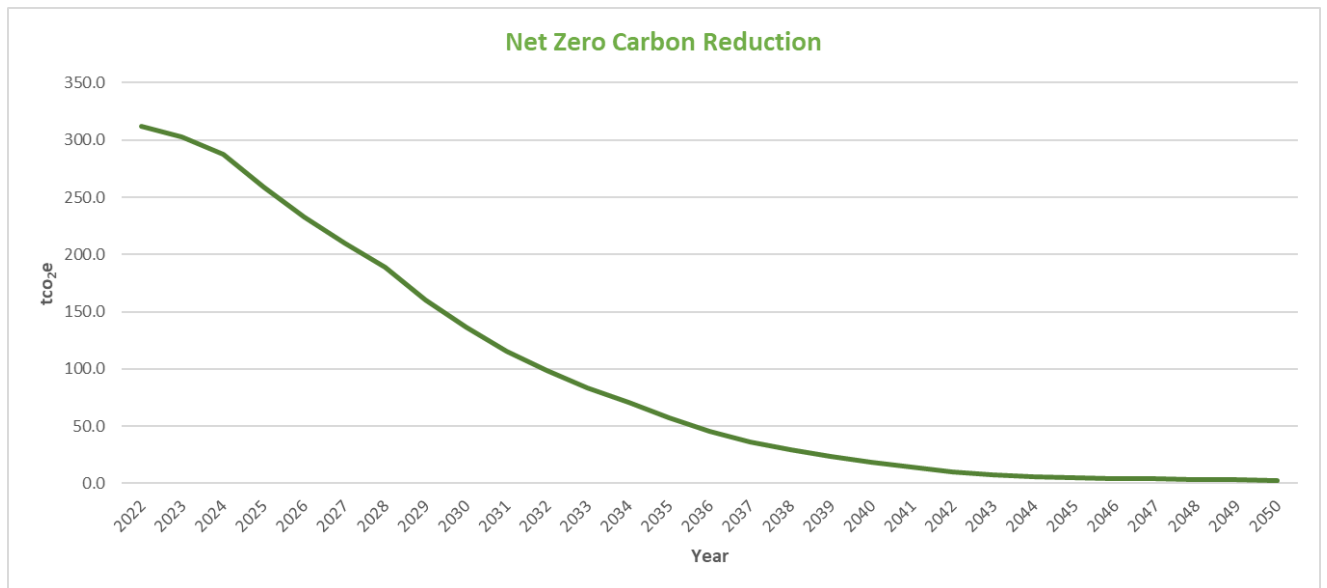
In order to continue our progress to achieving Net Zero, we have adopted the carbon reduction targets as indicated below.

The graphs below plot the reduction, based on the emissions detailed in this document, to meet the Net Zero target year of 2050. We have modelled it on the expectation that, as carbon reduction technology improves, for example E-Vans become a feasible solution and can be adopted by the business, the percentage reduction each year will increase, and then, as the applicable new carbon reduction technology reduces, the percentage reduction will decline.

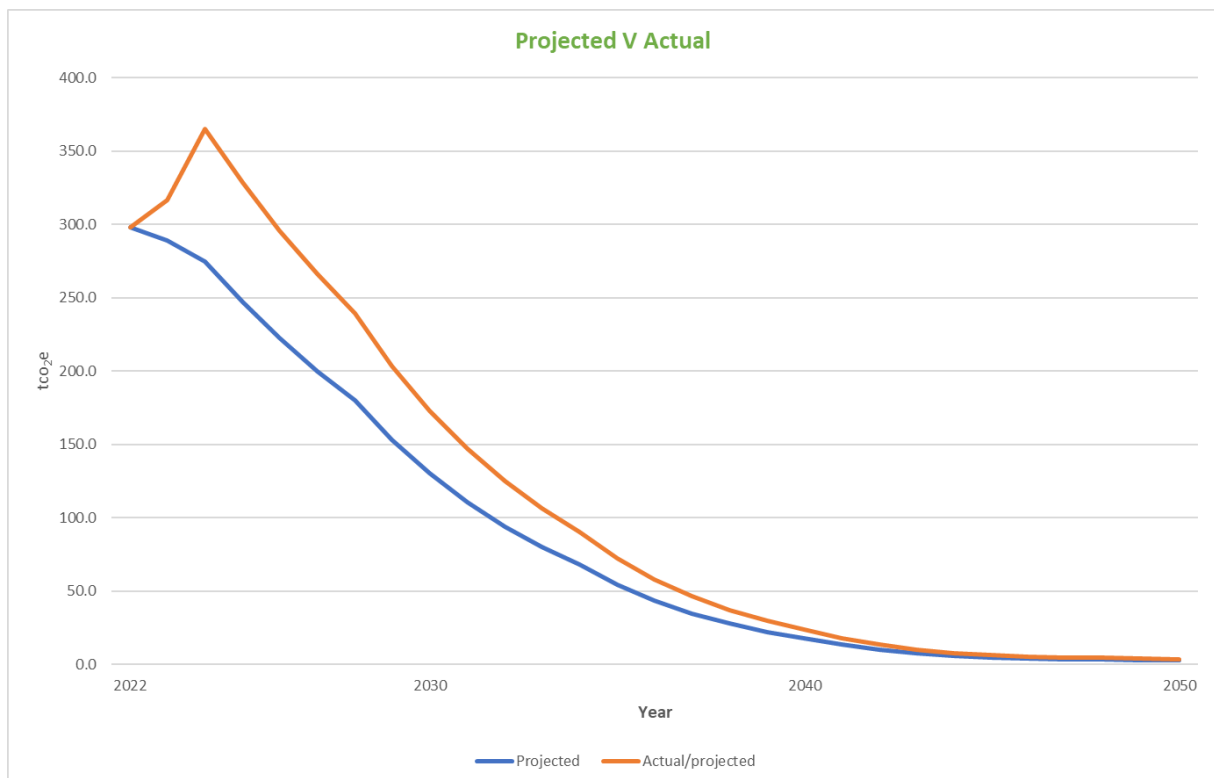
We project that carbon emissions will decrease to 170.9 tCO<sub>2</sub>e by 2027. This is a reduction of 33%.

The graphs below detail the targeted and actual reductions achieved to date.

This graph reflects the carbon reduction required to meet the Net Zero target date of 2050, based on the tCO<sub>2</sub>e in the baseline year.



This graph compares the actual tCO<sub>2</sub>e emissions against the emission reduction required to meet the target of Net Zero by 2050



Note – the actual figures will be updated yearly to reflect the actual reduction.

## Carbon Reduction Projects

Delivered and Ongoing 2024	Projected Annual carbon saving
<p><b>Planned Capital Projects</b></p> <ul style="list-style-type: none"> <li>Investigation of technical and financial viability of Plug-in Hybrid vans.</li> </ul> <p><b>Delivered Procurement Projects</b></p> <ul style="list-style-type: none"> <li>Moved to 100% renewable electricity in October 2024.</li> </ul>	<p>Saving this year is 6.5 tCO<sub>2</sub>e and based on current usage, expected to reduce these based on Location Based emissions by 22.5 tCO<sub>2</sub>e in 2025.</p>

Planned 2025/2026	Projected Annual carbon saving
<p><b>Planned Capital Projects</b></p> <ul style="list-style-type: none"> <li>Finalise investigation of potential Plug-in Hybrid vans replacement project.</li> <li>Replacement of HVAC and AHU.</li> </ul> <p><b>Ongoing Behavioural &amp; Process Change Projects</b></p> <ul style="list-style-type: none"> <li>Investigate extension of vehicle tracking across the complete fleet.</li> </ul>	<p>Based on the expected replacement plan, it is estimated a saving of ~ 50 tCO<sub>2</sub>e over 5 years Move to renewable electricity means this has no impact on the Market-Based emissions calculations. But we expect an energy efficiency improvement by 10-20%.</p> <p>This will require further investigation to clarify the carbon saving</p>

## 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<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

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<sup>3</sup>.

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:

David Kilner – QHSE Manager

Date: January 7<sup>th</sup>, 2026

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<sup>1</sup><https://ghgprotocol.org/corporate-standard>

<sup>2</sup><https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

<sup>3</sup><https://ghgprotocol.org/standards/scope-3-standard>