

# Fairfield Control Systems Limited & Fairfield Engineering Solutions Limited

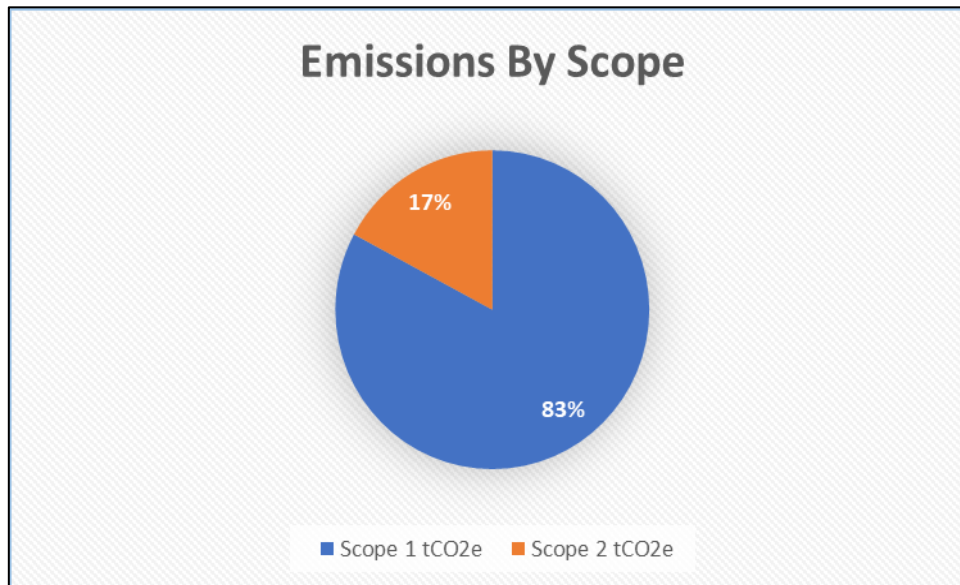
## PPN 06/21 Carbon Emissions & Reduction Plan Report

This is a summary of the PPN 06/21 Carbon Emission & Reduction Plan Report for Fairfield Group for the year 2022.

### Total Emissions and Intensity Metrics

Total tCO2e	tCO2e per £1M Turnover	tCO2e Per Employee
<b>135</b>	13.5	1.6

### Emmissions By Scope



Scopes	tCO2e
Scope 1	111.8
Scope 2	23.2

Source	Scope	tCO2e
Scope 1	1 Buildings – Gas	3.9
Scope 1	1 Buildings – F Gas	0
Scope 1	1 Vehicle Fleet	107.9
Scope 2	Electricity & Steam Heating/Cooling	23.2
<b>Total</b>		<b>135</b>

*Note: All Scope 3 categories are excluded from this report.*

# Fairfield Control Systems Limited & Fairfield Engineering Solutions Limited

## PPN 06/21 Carbon Reduction Plan

Publication date: 02/02/2023

### Commitment to achieving Net Zero

Fairfields 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 Scope 3 emissions. The emission data for scope 3 is being collected, analysed, and calculated. This data will be available for Tender submission.	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	
<b>Scope 1</b>	111.8 tCO <sub>2</sub> e
<b>Scope 2</b>	23.2 tCO <sub>2</sub> e
<b>Scope 3 (Included Sources)</b>	tCO <sub>2</sub> e Scope Category 4 – Upstream Transportation & Distribution - <b>not included</b> Category 5 – Waste Generated In Operations - <b>not included</b> Category 6 – Business Travel - <b>not included</b> Category 7 - Employee commuting - <b>not included</b> Category 9 – Downstream Transportation & Distribution - <b>not included</b>
<b>Total Emissions</b>	<b>135 tCO<sub>2</sub>e</b>

## Current Emissions Reporting

<b>Reporting Year: 2022</b>	
<b>EMISSIONS</b>	The emissions for 2022 are under calculation. These will be completed by the time of Tender Submission.
<b>Scope 1</b>	Under preparation
<b>Scope 2</b>	Under preparation
<b>Scope 3 (Included Sources)</b>	Under preparation Scope Category 4 – Upstream Transportation & Distribution Category 5 – Waste Generated In Operations Category 6 – Business Travel Category 7 - Employee commuting Category 9 – Downstream Transportation & Distribution
<b>Total Emissions</b>	Under preparation

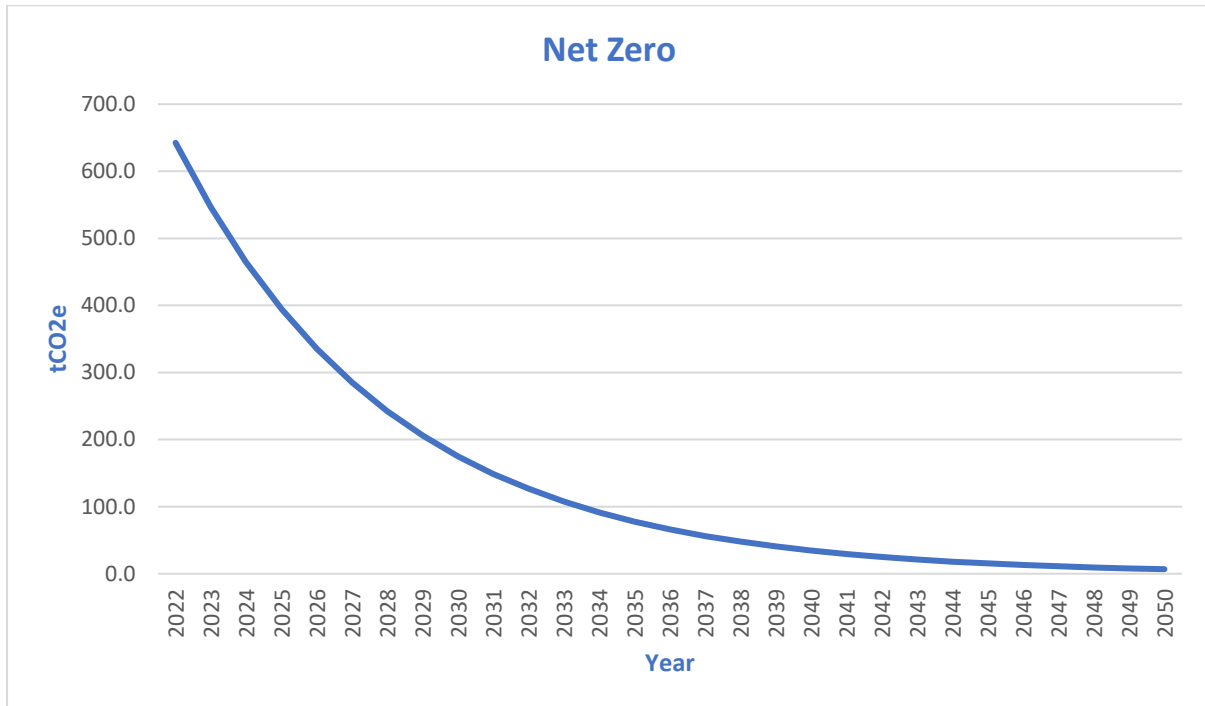
## Emissions reduction targets

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

We have had an initial review and we project that carbon emissions will decrease over the next five years to 50.9 tCO<sub>2</sub>e by 2028. The detail of these reduction will be included in the Updated Carbon Reduction Plan.

This is a reduction of 62% against the Baseline emissions. We appreciate that the baseline emissions will increase when the scope 3 emissions are included in the updated Carbon Reduction Pan, but our initial review suggests that a percentage reduction in-line with the stated percentage will be achievable.

The graph below plots the required reduction, based on the emissions detailed in this document, to meet the Net Zero target year of 2050. As we identify our Carbon Reduction initiatives, which will be clarified as a result of updated PPN 06/21 Carbon Reduction Plan, which will be completed by the Tender submission, year-on-year progress against the target and actual emission reductions will be tracked in the graph.



## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

As this is the Baseline/first reporting period, no Carbon Reduction initiatives have been completed.

### Future Carbon Reduction Initiatives

These will be identified as an output of the updated PPN 06/21 Carbon Reduction Plan that is currently under preparation. We have engaged a Carbon Consultant, Auditel, to provide expertise, support and advice on the following:

1. Carbon Footprint Report (CFR) aligned with BSi PS 2060 encompassing Scopes 1, 2 and 3.
2. Carbon Reduction Plan (CRP) covering the high emission areas identified in the above CFR.
3. Updating of the PPN 06/21 Carbon Reduction Plan as a result of the outputs of the of the above CFR and CRP.

The expertise and knowledge provided by Auditel, will enable us to efficient identify and initiate carbon reduction projects.

## Declaration and Sign Off

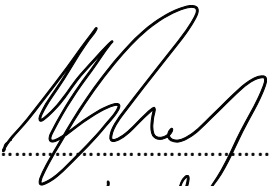
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

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:

  
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Date: 10/02/2023

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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>