

# Carbon Reduction Plan

Supplier name: Liberty Fire & Vision

Publication date: 2023



## Commitment to achieving Net Zero

Liberty Fire & Vision is committed to achieving Net Zero emissions by 2040 or sooner

## 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.

<b>Baseline Year:</b> Financial year 2023 (01/01/2023 to 31/12/23)	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
Liberty fire & vision, a leading passive fire protection company that manufacture fire doors, is committed to achieving Net Zero emissions by 2040. Despite having a low baseline emissions foot printed, we remain dedicated to environmental sustainability and proactive measures to reduce our carbon footprint.	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	36.4
<b>Scope 2</b>	75,18
<b>Scope 3 (Included Sources)</b>	Upstream transport and distribution: 5.4 Waste generated operation: 2.5 Employee Commuting: 10.2 Downstream transportation and distribution: 5.4

<b>Total Emissions</b>	135.08
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## Current Emissions Reporting

<b>Reporting Year: Financial Year 2024 (01/01/24 to 31/12/24) – Partially completed for the purpose of this report (completed to 01/07/24)</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	15.1
<b>Scope 2</b>	40.1
<b>Scope 3 (Included Sources)</b>	Upstream transport and distribution: 2.4 Waste generated operation: 1.1 Employee Commuting: 5.4 Downstream transportation and distribution: 2.1
<b>Total Emissions</b>	66.2

## Emissions reduction targets

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

### Business Travel

We plan to expand our current fleet of electric vehicles from 3-6 by the end of 2027

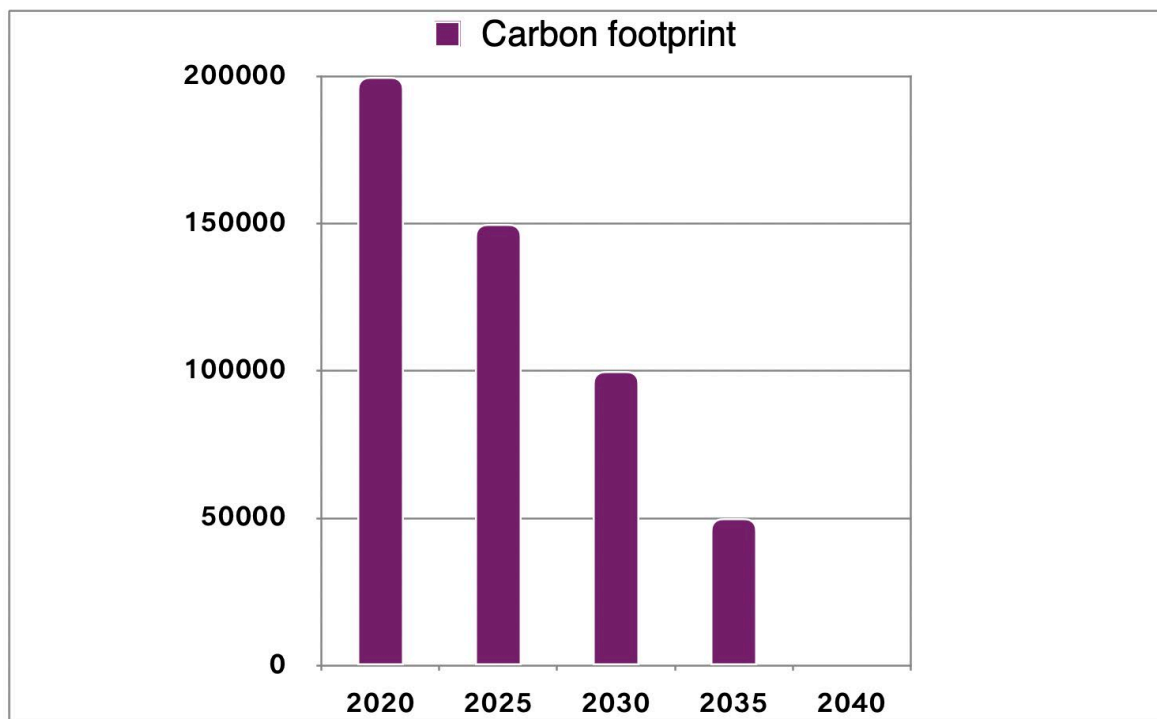
All staff will be encouraged to make a conscious decision before business travel, taking in to consideration if a virtual meeting would be more sufficient, and where travel is necessary vehicle sharing or public transport would be the preferred option.

### Premises

Our premises already have EV charging capabilities and Solar panels. We plan to utilise our timber waste products to fuel 1 of our workshops by recycling timber doors into pellets to burn as fuel

We project that carbon emissions will decrease over the next five years to 70 tCO<sub>2</sub>e by 2029. This is a reduction of 50%

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



## Carbon Reduction Projects

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

Replacing some of our diesel fleet vehicles to electric.

We plan on adding further solar panels to an existing set up along with installing solar panels to our secondary workshop.

We are looking into processes to recycle used timber products to fuel heating sources within our premises along with a rainwater management system such as a harvesting system to aid

with our welfare facilities. We aim to be able to use the harvesting system to flush our toilets and for maintaining our grounds.

## Declaration and Sign Off

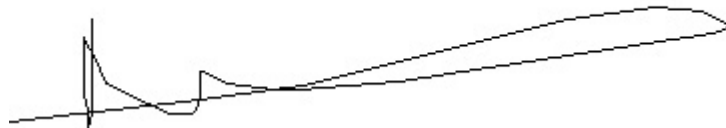
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

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: 01/01/2023

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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>