

# Carbon Reduction Plan

**Supplier name:** Richard Irvin FM Limited

**Publication date:** 10<sup>th</sup> January 2024

## Commitment to achieving Net Zero

Richard Irvin FM Limited, Co number: 11454668 is committed to achieving Net Zero emissions by 2050.

## 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: 2022 (Dec)</b>		
<b>Additional Details relating to the Baseline Emissions calculations.</b>		
<p><i>2021 True baseline Scope 1: 857,891 KgCO<sub>2</sub>e (857.891 tCO<sub>2</sub>e)</i></p> <p style="padding-left: 40px;"><i>Scope 2: 58,402 KgCO<sub>2</sub>e (58.402 tCO<sub>2</sub>e)</i></p> <p style="padding-left: 40px;"><i>Scope 3: 21,987 Kg CO<sub>2</sub>e (21.987 tCO<sub>2</sub>e)</i></p> <p style="padding-left: 40px;"><b><i>Total: 938,280 KgCO<sub>2</sub>e (938.280 tCO<sub>2</sub>e)</i></b></p>		
<b>Baseline year emissions: Jan – Dec 2022</b>		
<b>EMISSIONS</b>	<b>TOTAL (KgCO<sub>2</sub>e)</b>	<b>(tCO<sub>2</sub>e)</b>
Scope 1	<b>512,650</b>	<b>512.650</b>
Scope 2	<b>54,017</b>	<b>54.017</b>
Scope 3 (Included Sources)	<b>15,020</b>	<b>15.02</b>
<b>Total Emissions</b>	<b><u>581,687</u></b>	<b><u>581.687</u></b>

## Current Emissions Reporting

Reporting Year: 2023 (Jan - Dec)		
EMISSIONS	TOTAL (KgCO <sub>2</sub> e)	(tCO <sub>2</sub> e)
Scope 1	763,244	763.244
Scope 2	38,640	38.640
Scope 3 (Included Sources)	23,757	23.757
<b>Total Emissions</b>	<b>825,641</b>	<b>825.641</b>

## Emissions Reduction Targets

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

We project that RIFM carbon emissions will decrease over the next Six years to 315,000 KgCO<sub>2</sub>e (315.00 tCO<sub>2</sub>e) by 2030. This is a planned reduction of 72% which will be gained through fleet and transport pure EV efficiency gains.

### Challenges

Our Scope 1 figure has increased by 244 tCO<sub>2</sub>e due to an increase of 22% in field workforce (contract wins and financial growth), our journey efficiencies have dropped from 2565 KgCO<sub>2</sub>e per vehicle per Annum to 3052 KgCO<sub>2</sub>e (16% negative effect) due to resourcing challenges and increased journey length.

### Improvements

Hybrid working 2 days per week out of 5 has reduced our Total scope 2 emissions for 2022 - 2023 from 54,017 KgCO<sub>2</sub>e to 38,640 KgCO<sub>2</sub>e (28.5%) which was a significant first year of Scope 2 focus and reduction with the assistance of ESG Mark and Sustainable X consultants.

Future reductions are planned with the Tusker vehicle facility which will ensure 50%+ of our managers are in Pure EV Cars in Q1 2024. Office efficiencies will continue with planned RSK shared office spaces and the continuation of Hybrid working. Our 2028 Target is therefore achievable and sits within our management review business objectives which are approved and audited annually under our ISO 14,001 accreditation by Lloyds.

## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2021 baseline (938,280KgCO<sub>2</sub>e). The carbon emission reduction

achieved by these schemes equate to 112,639 tCO<sub>2</sub>e, a 12% reduction against the 2021 figures and the following measures will be in effect when performing contractual obligation:

- Accredited to ISO 14,001 Lloyds Register.
- ESG Mark 2050 (17 UN Sustainability goals) accredited.
- Sustainable X Basecamp accreditation Scope 1, 2 & 3 audited reduction.
- PAS20/30 Green energy project accredited.
- SHEQ, Technical & Project Director a FELLOW of IEMA.
- Harmonised contracts renewals geographically (travel incurred).
- Switched to Hybrid and Plug in Electric fleet.
- Introduced Lightfoot driver behaviour technology in all vehicles.
- Introduction of Pure EV vehicle option to managers.
- Hybrid working 3:2 ratio as per RSK policy in 2024.

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

- Installation of Ground and roof Mounted Solar Voltaic panels to offset electrical consumption.
- Installation of Air Source heating at office locations.
- Full Hybrid and Pure electrification of Fleet vehicles.
- Improvements in technical and trade resource attainment.

## **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>13</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>14</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>15</sup>.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

**Signed on behalf Richard Irvin FM Limited:**

*Steven Rawding*

BSc FIEMA AIGEM  
SHEQ, Project & Technical Director

**Date:** 10/01/2024