



# Redflex Traffic Systems Ltd Carbon Reduction Plan - United Kingdom

Issue Date: 30 November 2022



## Commitment to achieving Net Zero

Redflex Traffic Systems 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.

2021 is both the baseline year as well as the current reporting year. Scope 3 will be included in the review plan in April 2023 for the year 2022 and going forward thereafter.

Baseline Year Emissions* 2021	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	67.9
Scope 2	13.1
Scope 3 (Included Sources)	Not included
<b>Total Emissions</b>	<b>90</b>

*\*Additional Details relating to the Baseline Emissions calculations.*

*Scope 1 and 2 only included. Scope 3 to be included in 2023 for the year 2022. This will be available in the updated plan in April 2023.*

### Current Emissions Reporting

Current Year Emissions* 2021	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	67.9
Scope 2	13.1
Scope 3 (Included Sources)	Not included
<b>Total Emissions</b>	<b>90</b>

*\*Additional Details relating to the Baseline Emissions calculations.*

*Scope 1 and 2 only included. Scope 3 to be included in 2023 for the year 2022. This will be available in the updated plan in April 2023.*

### Emissions reduction targets

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

We will include Scope 3 in the 2023 report for the year 2022. For scope 1 and 2 targets we project that carbon emissions will slightly increase in 2022 due to full post Covid normality by 22% to 109.8 tCO<sub>2</sub>e. Thereafter carbon reduction targets for Scope 1 and 2 are as follows:

- 90 tCO<sub>2</sub>e by 2025
- 61 tCO<sub>2</sub>e by 2030
- 36 tCO<sub>2</sub>e by 2035
- To reach Net Zero by 2050

These figures will be adjusted in 2023 to include Scope 3 and total tCO<sub>2</sub>e will be adjusted accordingly.

Whilst it is expected post pandemic rates may rise slightly in the short term, Redflex will be retaining some of the changes (e.g., agile working) in order to meet the targets.

In 2023 data will be available for the year 2022 so that graphs can be included in this section showing reductions made against the baseline as well as predictions for 2023 data. As 2021 is the baseline, this data is not yet available.

## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented:

- Office lighting improvements programme (to LED)
- Using fewer polluting vehicles
- Maintenance and awareness programmes to ensure vehicles are running efficiently, no idling etc
- Flexible working arrangements
- Use of video conferencing, internally, with supply chain and with clients to avoid travel
- Use of biodegradable hand soap and dissolvable toilet tissue
- Installation of water saving devices
- Employee 'swag' to include free reusable water bottles
- Re-issue of PPE and uniform (where safe to do so)
- Use of recycled papers and hand-made notebooks
- Limits on printer use which encourages double sided printing
- PIR lighting to automatically turn off
- Use of less harmful cleaning products (subject to covid safety)
- Localised heating
- Euro 6 vehicle replacement scheme
- Remote system testing

Covid-19 and the lockdowns have created an artificial reduction below the target and it is anticipated that post Covid-19 emissions will rise in the short term but will remain within our reduction targets.

Redflex is now fully accredited to ISO 14001 – Environmental Management Systems and has all required systems and processes in place (including Aspects & Impacts, Legal Register etc). In the future we hope to implement further measures that may include:

- External validation of our latest carbon emissions and reduction data
- Incorporation of wider Social Value Projects
- Completion of the Office lighting upgrade
- Carbon Offsetting with Certified Emission Reduction Certificates (CER's)

This report relates to Carbon Reduction Only. For full details of all Environmental programmes and initiatives and for more detail of our current footprint, refer to *the "Redflex Traffic Systems – Environmental Management & Carbon Footprint Report"*

### 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 will be included in April 2023 (for reporting year 2022) 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 and approved by:



Andrew Hawkins

**Director – Workplace Governance, Compliance and Risk**

Date: 30 November 2022

<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>