

Carbon Reduction Plan

CRP2025

Version No.	Revision Date	Revision Summary	Revised By	Approved By
1.0	01/04/2025	First Edition	S Hinchliffe	T Duckham

Commitment to achieving Net Zero

Redspeed International is committed to achieving Net Zero emissions by 2040.

The following scopes have been included in this plan.

Scope 1: Fuel burned from company vehicles.

Scope 2: Electricity consumption from Redspeed premises

Scope 3: Emissions occurred throughout the value chain.

- Emissions from goods delivered to Redspeed. (Upstream)
- Emissions from delivering Redspeed's products to customers. (Downstream)
- Emissions from waste Redspeed sends to landfill or recycling.
- Emissions from business travel. Trains, flights, Taxi's
- Emissions from employee commuting. Cars, buses etc

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.

Baseline Year: 01/01/2022 – 31/12/2022	
We have selected to use 2022 as our baseline. This was the year Redspeed made the decision to improve the effect our business has on Greenhouse gases. These include moving to new premises removing the usage of Gas and incorporating solar panels also, moving more of our fleet to Plugin Hybrid vehicles.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	95.82
Scope 2	38.49
Scope 3 (Included Sources)	7.58 – Emissions from waste to landfill, recycling & metals. Downstream, upstream & staff commuting were not recorded during this period.
Total Emissions	141.89

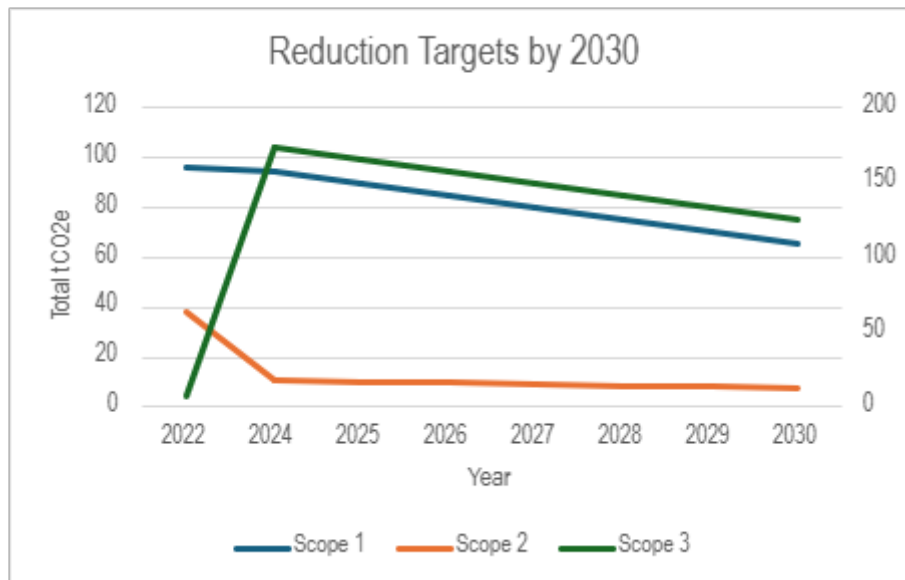
Current Emissions Reporting

Reporting Year: 2024	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	94.19
Scope 2	10.81
Scope 3 (Included Sources)	173.91 Upstream:0.45 Downstream:138.81 Waste & Recycling: 0.14 Business Travel: 13.62 Employee Travel: 20.88
Total Emissions	278.91

Emissions reduction targets

Redspeed have had no previous emission reduction commitment.

We project that carbon emissions will decrease to 199.46 tco2e by 2030. This will be a reduction of 30%.



Carbon reduction projects have included:

- Move to agile working that will reduce company business travel and commuting.
- Move to all electric vehicles where possible.
- Staff encourage to use video conferencing where possible, reducing the need to travel.
- ESG reporting is reviewed Quarterly at board level.
- Move to purpose-built premises, including solar panels, no gas, light sensors.
- Move to electric forklift truck.

Current:

- Renewable energy tariffs for Redspeed premises & 100% of waste on site to be recycled.
- Utilisation of a Carbon Reporting Tool to accurately record our carbon emissions
- Offset all unavoidable business travel carbon emissions.
- Repair/reuse IT equipment where possible.
- Move to all electric vehicles where possible.
- Integrate lower powers sources for new technologies developed.
- Include retrofitting when designing new products (used on existing street furniture)
- Deliver further reductions in emissions resulting from commuting to work. Encouragement of staff to use low carbon transport methods such as walking, cycling and public transport as well as a scheme to promote use of low or zero emission cars, including provision of EV charging points

Future plans:

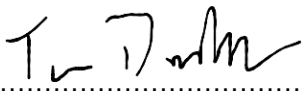
- Requiring suppliers to report their carbon footprint data to us to improve the accuracy of carbon measurement and engaging with suppliers to support our net zero goal. All suppliers to have produced their own net zero target and plan that align with Redspeed.
- Limit international travel and use the most fuel-effective airlines when needed.

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 standard⁴ and uses the appropriate [Government emission conversion factors for greenhouse gas company reporting](#)⁵.

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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Tom Duckham – CEO

Date: 01/04/2025