

Commitment to achieving Net Zero

Rapiscan Systems Ltd is committed to achieving Net Zero emissions by 2050.

Baseline Emissions Footprint

Baseline emissions are a record of the Greenhouse Gas Emissions produced by Rapiscan Systems Ltd in the past as a result of its operations prior to any major improvements being carried out. A strategy is currently being developed to reduce our emissions in relation to this base line year and there are planned activities to reduce our impact to the environment.

Baseline Year: January 2023 to December 2023	
Additional Details relating to the Baseline Emissions calculations.	
<p>Although we have been working on the calculation of our Carbon Footprint, 2023 is the first year that we have been able to calculate the emissions for Scopes 1, 2 & 3 with any accuracy and therefore it has been utilised as our baseline year. If there are any improvements or significant changes to our business or the baseline data, we will recalculate our baseline year and adjust our strategy accordingly.</p> <p>Our carbon emissions have been calculated in accordance with the guidelines described in the GHG Protocol and to the best of our knowledge we have utilised the best methods available to us to calculate our emissions.</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	29.72
Scope 2	584.95
Scope 3 (Included Sources)	4441.56 Waste – Landfill, Waste – Recycled, Goods Receipt, Customer Deliveries, Staff Commutes, Business Travel
Total Emissions	4957.23

Current Emissions Reporting

Reporting Year: 2023	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	29.72
Scope 2	584.95
Scope 3 (Included Sources)	4441.56 Waste – Landfill, Waste – Recycled, Goods Receipt, Customer Deliveries, Staff Commutes, Business Travel
Total Emissions	4957.23

Emissions reduction targets

Although we are already committed to reducing our environmental impact as an ISO14001 accredited business, we had not before 2023 been able to calculate our carbon footprint. During 2022 we ensured that the metrics were put in place that would allow us to calculate our carbon footprint based on 2023's emissions data. We are also considering pursuing accreditation to PAS 2060.

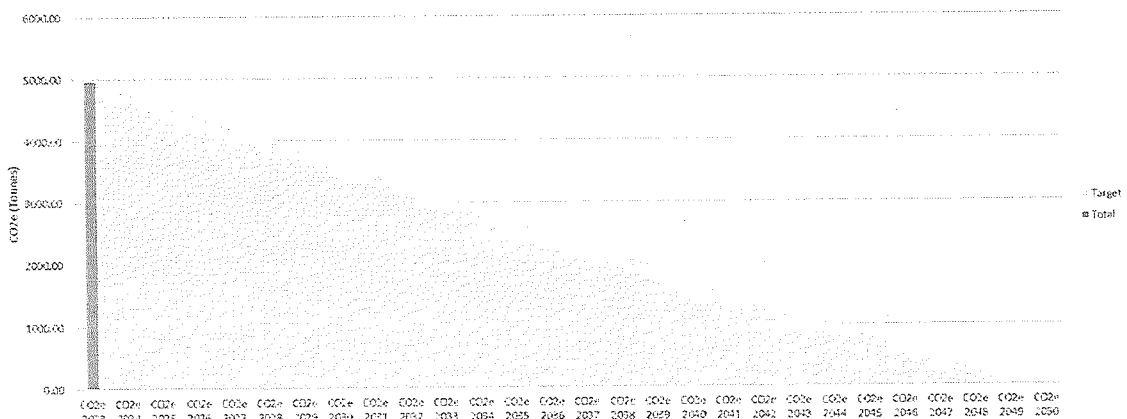
We are now firmly committed to Net Zero by 2050 and have a strategy for reducing our impact on the environment both for our own operations and the supply chain.

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

We project that carbon emissions will decrease over the next five years by 951.79 tCO₂e by 2028. This is a reduction of 19.2%

Progress against these targets will be tracked using the graph on the next page:

Rapsican Systems (Stoke) - Net Zero Plan v Actual



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed prior to the base line calculation.

- All lighting utilised on site has been converted to LED.
- Our utilities are provided by Drax – Green Energy
- EV Charge points have been installed at the business for employee use.

The following projects are planned to further reduce our GHG emissions which will therefore help us achieve our targets for Net Zero reduction.

- Install our first Solar Array during 2024 – 70 Tonnes CO₂e
- Reduce our reliance on Air Freight for priority shipping inbound and outbound during 2024 – 10% reduction would equate to 200 Tonnes CO₂e.

The carbon emission reduction achieved by these schemes equate to 270 tCO₂e, a 5.3 % reduction against the 2023 baseline and the measures will be in effect when performing the contract.

Our intention is to utilise the following projects to further reduce our emissions towards our net zero target.

- Switch our gas boilers to heat pumps in all 3 buildings 2025 – Awaiting Data
- Reduce our reliance on Air Freight for priority shipping inbound and outbound during 2028 – 20% reduction would equate to 400 Tonnes CO₂e.
- Switch our gas fired space heaters to electric 2025 – Awaiting Data
- If the above is successful, increase our array size during 2025, 2026 & 2027 – Potential further 200 Tonnes CO₂e.
- Work with the supplier base to switch to couriers that utilise electric vehicles.

- Purchase more supplies locally – Potential for 300 Tonne reduction CO2e.
- Review our Business Travel Plans with a view to reduction.

Declaration and Sign Off

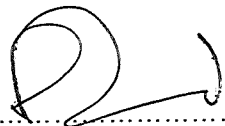
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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) Standard³.

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:

 P A DIAMOND G.M.

Date: 24 JAN 2024

¹<https://ghgprotocol.org/corporate-standard>

²<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³<https://ghgprotocol.org/standards/scope-3-standard>