



Carbon Reduction Plan

Supplier name:**Optima Systems Consultancy Ltd**.....

Publication date:31/8/23.....

Commitment to achieving Net Zero

Optima Systems Consultancy Ltd is committed to achieving Net Zero emissions by 2050, and aspires to do so much earlier

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: 2022	
Additional Details relating to the Baseline Emissions calculations.	
This is an initial emissions submission, having not previously reported. Baseline emissions for 2022 are based on best available data. Scopes 1 & 2 are Mar 2021 – Mar 2022 actuals, Scope 3 is a worst-case estimate for Subsets 4, 5, 7 & 9, whilst Subset 6 Business Travel is likely to show the level typical in the post pandemic period.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	3.57
Scope 2	1.31
Scope 3 (Included Sources)	40.95 4: Estimated from supplied equipment & consumables 5: Normal amount of annual waste disposal 6: Recorded business mileage for all staff

	7: Estimated average commuting for all staff 9: Estimated from disposed equipment & consumables
Total Emissions	45.83

Current Emissions Reporting

Reporting Year: 2023	
EMISSIONS	TOTAL (tCO _{2e})
Scope 1	2.53
Scope 2	0
Scope 3 (Included Sources)	42.36 4: Estimated from supplied equipment & consumables 5: Normal amount of annual waste disposal 6: Recorded business mileage for all staff (note COVID effect on increased mileage between 2021 and 2022 is an unusual effect immediately after baseline year) 7: Estimated average commuting for all staff (increased pro-rata with growth of business) 9: Estimated from disposed equipment & consumables
Total Emissions	44.89

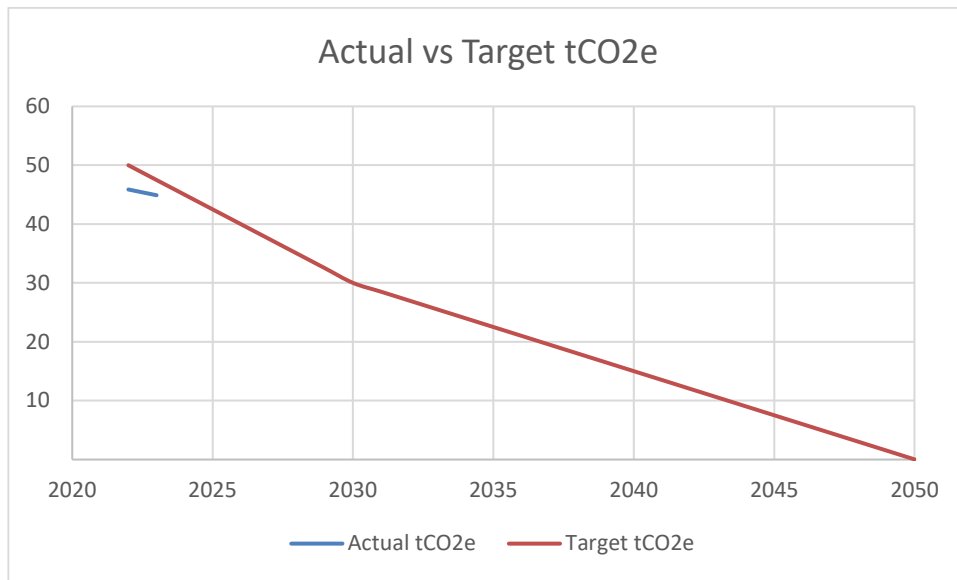
Emissions reduction targets

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 eight years to 30 tCO_{2e} by 2030. This is a reduction of 33%

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



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented prior to the 2022 baseline

- LED panel lighting installed to replace fluorescent strip lighting.
- Thermostatic radiators replaced.
- Increased remote working through improved IT.
- Energy efficient IT introduced and minimised server and connection hardware.
- Electric vehicle 13A charging points installed to encourage use of EVs.
- Introduction of Cycle to Work scheme.

The following environmental management measures and projects have been completed or implemented since the 2022 baseline.

- Change of energy supplier to renewables and carbon offsetting supplier.

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

- Electric vehicle staff procurement support
- Increase EV charging points
- Solar roof panels to reduce dependency on external electricity supplies.
- Change from gas boiler to heat pump.

- PIR lighting control
- Improved office thermal insulation.

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 Optima:

C Lamb

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Date: 31/8/23.....

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>