



Carbon Reduction Plan

Supplier name: M-Tech Systems Limited

Publication date: 13th January 2023

Commitment to achieving Net Zero

M-Tech Systems Limited 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.

Baseline Year: 2022	
Additional Details relating to the Baseline Emissions calculations.	
<i>There has been no prior baseline for emissions, so M-Tech Systems Limited is using its 2022 baseline emissions as its first reporting period.</i>	
Baseline year emissions: 2022	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	0
Scope 2	7.4
Scope 3 (Included Sources)	39.2
Total Emissions	46.6

Current Emissions Reporting

Reporting Year: 2022	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	0
Scope 2	7.4
Scope 3 (Included Sources)	39.2
Total Emissions	46.6

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 five years to **37.3 tCO₂e** by 2027. This is a reduction of **20%**

Progress against these targets will be reported in the annual review.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been undertaken since the start of 2022 (see list below), the year we are using for the baseline, so we expect the impact to be realised in 2023. The carbon emission reduction achieved by these schemes will be reported in 2023, and the measures will be in effect when performing the contract.

Measures already implemented:

- PIR Controls in toilets. Lightwave switches used for lighting in the 2 main offices (which can be dimmed or turned on/off automatically). LED lighting in Unit 4
- Environmental management measures in ISO 14001
- Changes in company policy to allow more home-working
- Changes in company policy resulting in less flights and less customer site visits
- Increased electrification of the company car fleet (with the aim to have all company cars electric by 2027)
- Added electric charging point at the office
- Signed-up to Green Commute Initiative (a Bike 2 Work scheme)

Planned Carbon Reduction Initiatives

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

- Implement PIR controls on all floors
- Organised “Work From Home” days in policies for all staff
- Exclusively provide electric vehicles as company cars
- Promote the Green

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:



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Sean Fane, Commercial Director

Date: 13th January 2023

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>