



Carbon Reduction Plan

Commitment to achieving Net Zero

M.G.C. Lamps Limited is committed to achieving Net Zero emissions by 2030.

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: 1st April 2021 – 31st March 2022
Additional Details relating to the Baseline Emissions calculations.
M.G.C. Lamps Limited has committed to The SME Climate Commitment In doing so, we are proud to be recognised by the United Nations Race to Zero campaign, and join governments, businesses, cities, regions, and universities around the world that share the same mission. <ul style="list-style-type: none">•Halve emissions before 2030.•Cut emissions to zero before 2050.•Disclose our progress on a yearly basis.

Baseline year emissions: 1 April 2021 – 31 March 2022	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	2.3
Scope 2	16.1
Scope 3 (Included Sources)	385
Total Emissions	403.4

Current Emissions Reporting

Reporting Year: 1 April 2021 – 31 March 2022	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	2.3
Scope 2	16.1
Scope 3 (Included Sources)	385
Total Emissions	403.4

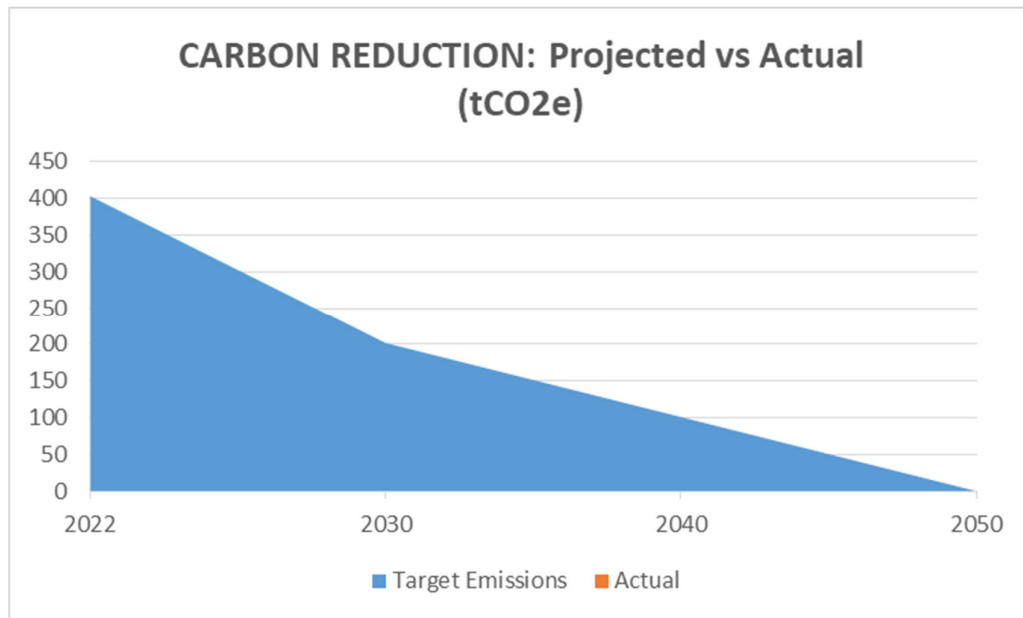
Emissions reduction targets

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 277.3 tCO₂e by 2027. This is a reduction of 31.3%

CARBON REDUCTION: Projected vs Actual (tCO2e)				
	2022	2030	2040	2050
Target Emissions	403.4	201.7	100.8	0
Actual	403.4			

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



MGC Lamps is committed to:

- Becoming carbon neutral as an organisation, with net-zero emissions of greenhouse gases by 2030 across Scopes 1, 2 and 3
- Reducing Scopes 1 and 2 (market based) by 50% by 2030 against a 2022 baseline in line with Science Based Targets to limit warming

Carbon Reduction Initiatives 2023 and Targets

1st Apr 2023 – 31st Mar 2030

Target: 201.7 tCO2e

1. Join the SME Climate hub community (<https://smeclimatehub.org>) and commit to the SME Climate commitment recognising that climate change poses a threat to the economy, nature, and society at large, our company committed to take action immediately in order to:

- Halve our greenhouse gas emissions before 2030.
- Achieve net zero emissions before 2050.
- Disclose our progress on a yearly basis.

2. Implement a ride bike to work scheme for employees

3. Implement changes to policy resulting in a reduction in Supply chain management, company travel and flights.

4. Replace and update Lease vehicles with the most efficient fuel models and reduced the CO2 level 245g/m to 203g/m per vehicle.

Carbon Reduction Initiatives 2030 and Targets

1st Apr 2030 – 31st Mar 2040

Target: 100.8 tCO2e

Reduce transportation emissions:

- Replace and update all Lease vehicles with the most efficient fuel models to reduce the CO2 level 245g/m to 203g/m per vehicle.
- Integrate our activities in line with the UWE carbon and Energy management plan.

Reduce waste:

- Implement strategies to reduce the amount of waste generated, such as using reusable containers and bags, composting food waste, and recycling.

Energy-saving:

- Implement energy saving measures that may include switching to energy-efficient lighting, appliances, and equipment and implementing practices to reduce energy consumption, such as turning off lights and computers when not in use.

Carbon Reduction Initiatives 2050 and Targets

1st Apr 2040 -31st Mar 2050

Target: 0 tCO2e

Finalise and Implement all Transport emissions, Waste and Energy Saving Initiatives

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:



Christopher Eaton
Managing Director, M.G.C. Lamps Limited

Date: ...2nd November 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>