

Carbon Reduction Plan Template

Supplier name: MGL Group

Publication date: 02/01/2024

Commitment to achieving Net Zero

MGL Group 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: 2019-20	
Additional Details relating to the Baseline Emissions calculations.	
<p>In March 2022, MGL asked SmartCarbon to provide an outline proposal to review MGL Group's current carbon emissions reports and develop a broader reporting initiative to recognise the carbon emissions across all MGL business activities.</p> <p>We required specialist carbon emissions consultancy support to review existing reporting, establish a new comprehensive baseline report for the group, and develop processes and procedures to allow us to calculate and report group carbon emissions continuously.</p> <p>We adopted the SmartCarbon 3-Step climate change programme to enable the business to move from the point of commitment to learning more about how we create emissions, calculating and reporting our current emissions, and ultimately putting in place plans to reduce our impact.</p> <p>The reporting was done in accordance with Greenhouse Gas Protocol corporate accounting and reporting standard using UK conversion factors and ONS dataset.</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	11,667
Scope 2	648
Scope 3 (Included Sources)	13,493 Purchased Goods & Services – 6,672

	Capital Goods – 1,376 Fuel & Energy related activities – 2,695 Upstream Transportation & Distribution - 964 Waste generated in operations – 1,370 Business Travel - 52 Employee Commute - 122 Downstream Transportation - 242
Total Emissions	25,808

Current Emissions Reporting

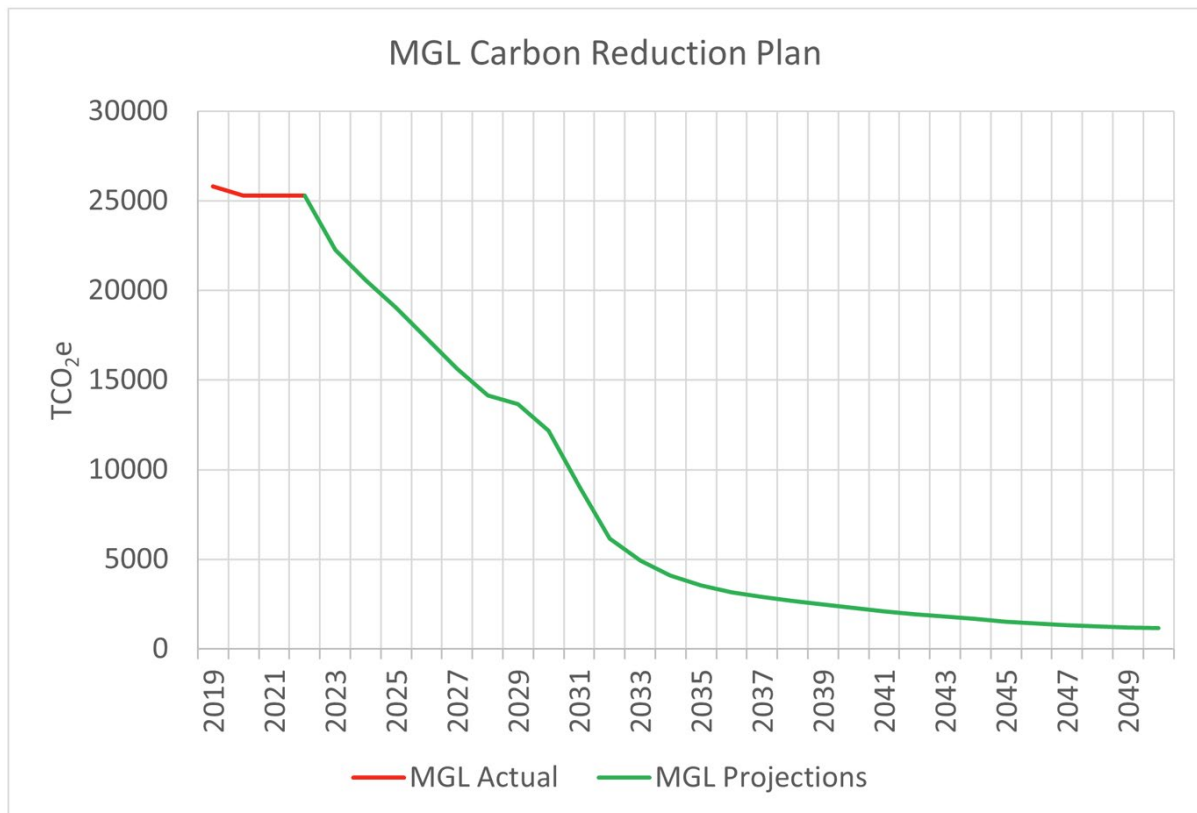
Reporting Year: 2020-2021	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	10,023
Scope 2	592
Scope 3 (Included Sources)	14,666 Purchased Goods & Services – 5,670 Capital Goods – 311 Fuel & Energy related activities – 2,410 Upstream Transportation & Distribution - 867 Waste generated in operations – 4,923 Business Travel - 46 Employee Commute - 211 Downstream Transportation - 227
Total Emissions	25,281

Emissions reduction targets

We have adopted the following carbon reduction targets to continue our progress toward achieving Net Zero.

We project that carbon emissions will decrease over the next five years to 17,339 tCO₂e by 2026. This is a reduction of 32.81%

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



MGL Group aims first to reduce the emissions by 90% and offset the remaining 10% emissions to achieve Net Zero by 2050.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2019-20 baseline. The carbon emission reduction achieved by these schemes equates to 527 tCO₂e, a 2.04% reduction against the 2019-20 baseline and the measures will be in effect when performing the contract.

Many initiatives we have implemented were started/piloted in previous years and have since been scaled up and integrated into our core operations. This reflects that MGL Group takes innovation seriously as a core part of our business strategy and is always looking for new opportunities to assist us in decarbonising our activities. These efforts are part of our strategy to achieve a net-zero position across organisational activity.

Alongside the net zero objectives, we have seen a significant reduction in CO₂e emissions, achieved through various solutions backed up by robust data*, including the following:

- Replacing Gas Oil with Natural Gas, a primary fuel for asphalt production - avoided emissions of 880.93 tCO₂e
- Using Lowtherm 4G additive to lower asphalt manufacturing temperature by 30oC - avoided emissions of 83.70 tCO₂e

- Procuring steel made from scrap and manufactured in the UK - avoided emissions of 585.00 tCO₂e
- Using waste plastic and tyre granules as fillers - avoided emissions of 1.12 tCO₂e
- Using Reclaimed Asphalt Pavement (RAP) - avoided emissions of 175.59 tCO₂e

*Research data provided by MGL Group's Carbon Consultant (SmartCarbon).

Likely/proposed future carbon reduction projects are currently being investigated to understand the feasibility of the proposed schemes; however, this may include the following:

- Onsite renewable energy – wind/solar
- Expanding the current fleet of EV vehicles for Business travel and employee commute
- Installation of a full-scale soil-washing plant
- Installation of a concrete block facility to enable manufacturing using recycled materials
- Supply chain decarbonisation and changes in supply chain reporting methodology

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 use the appropriate Government emission conversion factors for greenhouse gas company reporting⁵.

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) Standard⁶.

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:

David Elliott – Chief Executive



Mark Davison - Chief Executive



Date: 02/01/2024

⁴<https://ghgprotocol.org/corporate-standard>

⁵<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

⁶<https://ghgprotocol.org/standards/scope-3-standard>