

Dear colleagues, partners, and customers

GSM Ltd is committed to achieving Net Zero emissions by the year 2040. This commitment is not merely a goal; it is our obligation to the present and future generations. Our baseline emissions data, as outlined in this Carbon Reduction Plan, serves as a stark reminder of the responsibility we bear. However, it is also a testament to our resolve to change, adapt, and innovate.

As a renewable energy company, it is incumbent upon us to set the stage and show others how it is done. We believe that by leading through example, we can inspire and guide others towards a more sustainable future. Our carbon reduction targets are not just numbers on a page; they are a manifestation of our determination to lead the way.

We project significant reductions in carbon emissions over the next five years, demonstrating our commitment to the cause. These targets are not just milestones for us; they are beacons of progress, guiding us towards a brighter and more sustainable future.

Our Carbon Reduction Plan outlines the initiatives we have already undertaken to reduce our carbon footprint. It highlights the remarkable strides we have made, thanks to the dedication of our team and the support of our partners. But we are not stopping here. The future holds even greater opportunities for innovation and transformation, and we intend to seize them.

As we embark on this journey towards Net Zero, we invite all our stakeholders to join us in this noble endeavour. Sustainability is not a solitary pursuit but a collective mission, and together, we can create a world where renewable energy is the norm, carbon emissions are a distant memory, and the planet thrives.

I want to express my profound gratitude to everyone who has been a part of this incredible journey so far. Your unwavering support and dedication have brought us to where we stand today. With your continued partnership, we will navigate the challenges ahead and make our vision of a sustainable future a reality.



David Pratt

Renewable Energy Director

Carbon Reduction Plan – GSM Ltd

Publication date: 01/01/2024

Commitment to achieving Net Zero

GSM Ltd is committed to achieving Net Zero emissions by 2040.

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: 2023

Baseline year emissions:

EMISSIONS | TOTAL (tCO₂e)

Scope 1 | 70,559.22

Scope 2 | 3,802.22

Scope 3 (Included Sources) | 17,149.34

Total Emissions | 91,510.77

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 XX tCO₂e by 20XX. This is a reduction of XX%.

Carbon Reduction Projects

Installation of 30kWp Solar PV & 13.5kWh's of AC Coupled battery storage

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2023 baseline. The carbon emission reduction achieved by these schemes equate to 8.155 tCO₂e, a 8.91% reduction against the 2023 baseline, and the measures will be in effect when performing the contract.

Future Carbon Reduction Projects

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

- Air Source Heating to our fabrication workshop area and associated offices - 2024/25
- Periodically replacing our Deisel Van fleet with EV Type – 2025 - 2029

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 standard¹³ and use the appropriate Government emission conversion factors for greenhouse gas company reporting¹⁴.

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) Standard¹⁵.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body)