

Net Zero 2050 Carbon Reduction Plan

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Introduction

In 2019 the UK Government amended the Climate Change Act 2008 by introducing a target of at least a 100% reduction of greenhouse gas emissions (compared to 1990 levels) in the UK by 2050. This is otherwise known as the 'Net Zero' target.

SME's (Small and Medium Sized Enterprises) account for 90% of all businesses, and to achieve Net Zero by 2050, all SMEs must lower their carbon emissions.

At MMCG, we are committed to environmental sustainability and playing our part in achieving net zero emissions by 2050. Our Carbon Reduction Plan outlines the steps we will take to reduce our carbon footprint and contribute to a greener future.

Purpose

This Carbon Reduction Plan is intended to show that MMCG are committed to being Net Zero by 2050, in line with the Green House Gas (GHG) Protocol and to show the means of which we are going to achieve this.

Responsibility

It is the responsibility of every employee and individual acting on behalf of MMCG to read, understand and comply with this policy so that we can ensure that we remain an ethical and morally conscious organisation

MMCG employees will actively try to reduce their own carbon footprint at home, and when on contract. Review and compliance will form part of our annual certification of policy compliance.

Policy

- MMCG employees must act in an environmentally conscious manner.
- MMCG has a duty, under the Paris Climate Agreement ([Paris Accords 2015](#)), to help in the reduction of carbon emissions, to ensure that the global temperature increase does not exceed 2°C, and if possible, limit it to 1.5°C.
- Members of MMCG (staff, students, visitors, contractors, and others) are bound by the provisions of its policies in addition to this Carbon Reduction Plan.

To become Net Zero by 2050, we must:

- Actively seek out Eco-friendly alternatives within the business and our personal lives.
- Push forward ideas of ways in which we can achieve a lower carbon footprint.

- Follow government guidelines set out such as the [GHG Protocol](#).

This policy may be updated from time to time to comply with legal and policy requirements. An earlier review may take place in exceptional circumstances, such as a change in legislation and/or being insufficient for purpose.

Goals

1. **Net Zero Emissions:** We aim to achieve net zero greenhouse gas emissions by 2050. This means that the total emissions produced by our operations will be balanced by equivalent removals or offsets.
2. **Sector-Specific Targets:** We recognise that different sectors have varying challenges. Our plan includes sector-specific targets and strategies to address emissions across our business functions.

Strategies and Actions

1. Energy Efficiency

- **Energy Audits:** Conduct regular energy audits to identify areas for improvement and implement energy-saving measures.

2. Sustainable Transportation

- **Electric Fleet:** Replace our company vehicles with electric or hybrid alternatives by 2035. We are accomplishing this through various means and offer an electric vehicle leasing scheme to our employees.
- **Public Transport:** Encourage employees to use public transportation or carpooling.
- **Cycle To Work Scheme:** Employees can take advantage of our cycle to work scheme through our employee benefits provider.

3. Waste Reduction

- **Circular Economy:** Promote a circular economy approach by minimising waste and maximising resource efficiency.
- **Recycling:** Implement comprehensive recycling programs within our offices.

4. Procurement and Supply Chain

- **Supplier Engagement:** Collaborate with suppliers to ensure they align with our net zero goals.
- **Low-Carbon Products:** Prioritise products and services with low carbon footprints.

5. Employee Engagement

- **Awareness Campaigns:** Educate employees about the importance of net zero and encourage their active participation.
- **Green Practices:** Foster a culture of sustainability within the MMCG.

GHG Protocol

The GHG Protocol Corporate Standard focuses only on the accounting and reporting of emissions Document Control Information.

To help delineate direct and indirect emission sources, improve transparency, and provide utility for different types of organisations and different types of climate policies and business goals, three “scopes” (scope 1, scope 2, and scope 3) are defined for GHG accounting and reporting purposes.

Scopes 1 and 2 are carefully defined in this standard to ensure that two or more companies will not account for emissions in the same scope. This makes the scopes amenable for use in GHG programs where double counting matters. Companies shall separately account for and report on scopes 1 and 2 at a minimum.

Scope 1 – Direct

Companies report GHG emissions from sources they own or control as scope 1. Direct GHG emissions are principally the result of the following types of activities undertaken by the company:

1. Generation of electricity, heat, or steam.
2. Physical or chemical processing.
3. Transportation of materials, products, waste, and employees with the use of company owned/controlled vehicles.
4. Fugitive emissions.

To achieve Net Zero by 2050, MMCG will monitor and report the use of its owned vehicles for business use, and, where possible, use more eco-friendly alternatives.

Scope 2 – Indirect

Scope 2 emissions are a special category of indirect emissions. They account for GHG emissions from the generation of purchased electricity consumed by the company which is defined as electricity that is purchased or otherwise brought into the organisational boundary of the company.

Scope 2 emissions physically occur at the facility where electricity is generated. For many companies, purchased electricity represents one of the largest sources of GHG emissions and the most significant opportunity to reduce these emissions.

In order to reduce Scope 2 emissions, MMCG will invest in energy efficient technologies and energy conservation.

We will do this by switching to less GHG intensive sources of electricity, and where possible, use renewable sources and follow energy efficient processes.

Where possible, MMCG employees will be energy conscious, to aid in the conservation of energy.

Scope 3 – Other indirect GHG Emissions

Scope 3 is an optional reporting category that allows for the treatment of all other indirect emissions. Scope 3 emissions are a consequence of the activities of the company but occur from sources not owned or controlled by the company.

Some examples of Scope 3 activities include:

- Extraction and production of purchased materials
- Business travel
- Employee commuting
- Downstream transportation and distribution
- Waste generated in operations

Monitoring and Reporting

- **Annual Reports:** Publish annual reports on our progress toward net zero targets.
- **Carbon Accounting:** Regularly measure and track our emissions using robust carbon accounting methods.

Conclusion

MMCG Consulting Services is committed to leading by example. By implementing this Net Zero 2050 Carbon Reduction Plan, we aim to contribute to a sustainable future while delivering impactful services to our clients.

Annual Report 2024

Values calculated using [Greenhouse gas reporting: conversion factors 2020 - GOV.UK](https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2020)
(www.gov.uk)

SCOPE 1 – Direct

Targets

2025: 2,100 kgCO₂e

2026: 1,900 kgCO₂e

2027: 1,700 kgCO₂e

MMCG Consultancy Services Ltd report the following GHG emissions from sources they own or control as scope 1.

1. Generation of electricity, heat, or steam; Net zero
2. Physical or chemical processing; N/A to business
3. Transportation of materials, products, waste, and employees with the use of company owned/controlled vehicles; **2,563 kg CO₂e (8947 miles at 1.78g/KM).**
4. Fugitive emissions. N/A to business

SCOPE 2 Indirect

Targets (Gas)

2025: 3,500 kg CO₂e

2026: 3,350 kg CO₂e

2027: 3,200 kg CO₂e

Gas consumption: 1,800 m³

This provides a gas CO₂e figure of **3,640Kg CO₂e**

Targets (Electricity)

2025: 2,040 kg CO₂e

2026: 1,950 kg CO₂e

2027: 1,860 kg CO₂e

Electricity consumption: 9,127 kWh

This provides an electricity CO₂ figure of **2,128Kg CO₂e**

Scope 2 Total: 5,768 Kg CO₂e

SCOPE 3 – Other indirect GHG Emissions

0 CO₂ Upstream transportation and distribution

0 CO₂ Waste generated in operations

0 CO₂ Business travel

0 CO₂ Employee commuting

0 CO₂ Downstream transportation and distribution

*Scope 3 emissions are not included in the above totals because a formal Scope 3 data-collection process is being established. Once sufficient Scope 3 data has been collected, we will establish a Scope 3 baseline and review our overall carbon reduction targets accordingly.

Total Combined Emissions: 8,331 Kg CO₂

ANNUAL REPORT 2025

Values calculated using [Greenhouse gas reporting: conversion factors 2020 - GOV.UK](https://www.gov.uk/guidance/greenhouse-gas-reporting-conversion-factors-2020) (www.gov.uk)

SCOPE 1 – Direct

Targets

2025: 2,100 kgCO₂e

2026: 1,900 kgCO₂e

2027: 1,700 kgCO₂e

MMCG Consultancy Services Ltd report the following GHG emissions from sources they own or control as scope 1.

1. Generation of electricity, heat, or steam; Net zero
2. Physical or chemical processing; N/A to business
3. Transportation of materials, products, waste, and employees with the use of company owned/controlled vehicles; **2,080 kg CO₂e (7,261 miles at 1.78g/KM).**
4. Fugitive emissions. N/A to business

SCOPE 2 Indirect

Targets (Gas)

2025: 3,500 kg CO₂e

2026: 3,350 kg CO₂e

2027: 3,200 kg CO₂e

Gas consumption: 1,721 m³

This provides a gas CO₂ figure of **3,480 Kg CO₂e**

Targets (Electricity)

2025: 2,040 kg CO₂e

2026: 1,950 kg CO₂e

2027: 1,860 kg CO₂e

Electricity consumption: 8,707 kWh

This provides an electricity CO₂ figure of **2,030 Kg CO₂e**

Scope 2 Total: 5,510 Kg CO₂e

SCOPE 3 – Other indirect GHG Emissions

0 CO₂ Upstream transportation and distribution
0 CO₂ Waste generated in operations
0 CO₂ Business travel
0 CO₂ Employee commuting
0 CO₂ Downstream transportation and distribution

*Scope 3 emissions are not included in the above totals because a formal Scope 3 data-collection process is being established. Once sufficient Scope 3 data has been collected, we will establish a Scope 3 baseline and review our overall carbon reduction targets accordingly.

Total Combined Emissions: 7,590 Kg CO₂

ANNUAL REPORT 2026

Values calculated using [Greenhouse gas reporting: conversion factors 2020 - GOV.UK](https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2020)
(www.gov.uk)

SCOPE 1 – Direct

Targets

2025: 2,100 kgCO₂e
2026: 1,900 kgCO₂e
2027: 1,700 kgCO₂e

MMCG Consultancy Services Ltd report the following GHG emissions from sources they own or control as Scope 1.

1. Generation of electricity, heat, or steam; Net zero
2. Physical or chemical processing; N/A to business
3. Transportation of materials, products, waste, and employees with the use of company owned/controlled vehicles; **1,800 kg CO₂e (6563 miles at 1.78g/KM).**
4. Fugitive emissions. N/A to business

SCOPE 2 Indirect

Targets (Gas)

2025: 3,500 kg CO₂e
2026: 3,350 kg CO₂e
2027: 3,200 kg CO₂e

Gas consumption: 1,646.13 m³

This provides a gas CO₂ figure of **3,330 Kg CO₂e**

Targets (Electricity)

2025: 2,040 kg CO₂e

2026: 1,950 kg CO₂e

2027: 1,860 kg CO₂e

Electricity consumption: 8,321.43 kWh

This provides an electricity CO₂ figure of **1,940 Kg CO₂e**

Scope 2 Total: 5,270 Kg CO₂e

SCOPE 3 – Other indirect GHG Emissions

0 CO₂ Upstream transportation and distribution

0 CO₂ Waste generated in operations

0 CO₂ Business travel

0 CO₂ Employee commuting

0 CO₂ Downstream transportation and distribution

*Scope 3 emissions are not included in the above totals because a formal Scope 3 data-collection process is being established. Once sufficient Scope 3 data has been collected, we will establish a Scope 3 baseline and review our overall carbon reduction targets accordingly.

Total Combined Emissions: 7,070 Kg CO₂