

# Carbon Reduction Plan

Supplier name: Mines Advisory Group (MAG)

Publication date: 30 May 2025

## Commitment to achieving Net Zero

MAG is committed to achieving Net Zero emissions by 2050, in line with our current strategy.

## 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: 2020**

### Additional Details relating to the Baseline Emissions calculations.

Emissions stated below are based on our Manchester office. We have included business transport data for international and domestic flights and rail travel made by HQ staff to, from and within the UK - this data is collected from reports from our travel agents. Energy data has been calculated directly from meter readings provided by our landlords at the end of each calendar month. Indirect emissions data generated from air and rail business travel by Manchester-affiliated staff are received from our Travel Management Company. Data is calculated using DEFRA (The Department for Environment, Food and Rural Affairs) standards and DEFRA greenhouse gas (GHG) conversion factors, and uses actual distances, class (economy as per MAG's Travel Policy) and travel type, to ensure carbon emissions are measured and presented correctly. All emissions are reported as tCO<sub>2</sub>e (tonnes of carbon dioxide equivalent). UK Government GHG conversion factors are used to derive carbon emissions.

### Baseline year emissions:

#### Scope 1

0.00 (no on-site combustion of fuel for heating)

#### Scope 2

9.18 tCO<sub>2</sub>e

#### Scope 3 (Included Sources)

Business travel in employee owned / hired vehicles = 0.184 tCO<sub>2</sub>e  
Business travel: Flights (optional reporting) = 78.163 tCO<sub>2</sub>e  
Business travel: Rail (optional reporting) = 1.315 tCO<sub>2</sub>e  
Scope 3 total: 79.66 tCO<sub>2</sub>e

<b>Total Emissions</b>	<b>88.84 tCO<sub>2</sub>e</b>
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## Current Emissions Reporting

Reporting Year: 2024	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	0 tCO <sub>2</sub> e
Scope 2	10.500 tCO <sub>2</sub> e
Scope 3 (Included Sources)	Business travel in employee owned / hired vehicles = <b>0.213</b> tCO <sub>2</sub> e Business travel: Flights (optional reporting) = <b>434.46</b> tCO <sub>2</sub> e Business travel: Rail (optional reporting) = <b>2.764</b> tCO <sub>2</sub> e Scope 3 total: <b>437.437</b> tCO <sub>2</sub> e
<b>Total Emissions</b>	<b>447.937 tCO<sub>2</sub>e</b>

## Emissions reduction targets

MAG commenced formal measurement of Scope 1, Scope 2, and selected Scope 3 greenhouse gas (GHG) emissions in 2020, initially focused on its Manchester-based office. Since that time, progress in reducing emissions has been modest, reflecting a number of operational and contextual factors. The COVID-19 pandemic contributed to a short-term reduction in Scope 2 (office energy use) and Scope 3 (business travel) emissions due to a shift towards remote working. However, a phased return to office-based working during 2023/24 has led to a corresponding increase in reported emissions.

In 2024, MAG conducted a boundary review of its Scope 3 carbon accounting approach. As a result, a wider cohort of employees was included in emissions reporting, particularly for categories such as business travel and commuting. While this increased the overall reported emissions, it primarily reflects improved data coverage rather than a real-terms increase in emissions.

Following the recruitment of a Global Climate and Environment Advisor in November 2024, MAG initiated the development of a comprehensive global carbon inventory to enhance understanding of its total emissions footprint. This inventory will adopt activity-based methodologies for Scope 1 and Scope 2 emissions, and for key Scope 3 categories including business travel, capital goods, and upstream transportation and distribution. Where feasible, employee commuting data will also be incorporated, with remaining categories estimated via spend-based methods in line with the Greenhouse Gas Protocol.

Upon completion of this inventory, MAG will establish science-based emissions reduction targets. These will include a commitment to reduce global GHG emissions by 45% by 2030 (against a 2024 baseline), and to achieve net-zero emissions by 2050.

## **Carbon Reduction Projects**

### **Completed Carbon Reduction Initiatives**

The following environmental management measures and projects have been completed or implemented since the 2020 baseline. As noted above MAGs has just started comprehensively estimating carbon emissions globally, and so the measures undertaken below demonstrate activities MAG believes to have positively contributed to the climate and environment but we cannot necessarily quantify at the time of submission.

#### **Completed Carbon Reduction Initiatives**

- We have implemented monitoring of electricity usage, waste disposal and paper usage for our Manchester office as well as air and train travel for our Manchester affiliated staff, to measure our environmental impact.
- MAG monitors energy data directly from meter readings provided by our landlords at the end of each calendar month. MAG raises awareness of staff on the techniques of optimum control of internal temperatures.
- MAG have committed to mapping our carbon footprint each year so that we can better understand the impact of our activities on the environment.
- MAG ensured that where wastes need to be disposed of, that the least environmentally damaging options are utilised through competitive environmentally friendly supplier selection.
- MAG have integrated a Child Risk of 'items of environment / cultural / indigenous significance impacted/destroyed during, or as a result of operations' under our Parent Risk of 'Loss or Damage'. During the latest risk review, this risk was deemed to have a low risk level.
- MAG is co-leading the Carbon Accounting working sub-group within the Environment in Mine Action Coordination structures.
- MAG has invested in a leading piece of Innovative research delivered in partnership with [IMPACT Initiatives](#) into the long term environmental and climatic impact of humanitarian mine action in Cambodia, including estimating the carbon sequestration potential of mine action delivery.
- Renewal of ISO 9001:2015 and ISO: 14001:2015

#### **Planned Carbon Reduction Initiatives**

MAG has made environmental responsibility a cornerstone of our new Strategic Framework (2024-2028), one of two key commitments we have identified to drive organisational change.

This will be a significant body of work involving three strategically linked sets of activities, all aimed reducing our carbon footprint:

1. Calculating by 2025 our global impact on the climate and natural environment. Based on this, we will set targets to reduce our global carbon footprint by 45% by 2030, reaching net-zero by 2050.

2. Fostering culture change and better organisational understanding of the intersection of climate change with our programming and the needs we seek to address.
3. Encouraging innovation at the operational level to adapt programme design in environmentally sensitive ways.

At the time of reporting, MAG is currently working to complete the following activities to contribute to the commitment above:

- 2024 Global Carbon Inventory – due Q3 2025
- Carbon Reduction Strategy development - due Q1 2026
- Roll out of the “Introduction to Climate, Environment and MAGs Humanitarian Programs” training package to all 5,809 staff – training package under final development with the roll out due to begin Q3 2025
- Development of the revised Global Climate and Environment Strategy – internal draft for Leadership Team Review due Q2 2025.

MAG is committed to updating this carbon reduction plan upon completion of the 2024 Global Inventory.

## 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 standard<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

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) Standard<sup>3</sup>.

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:



Jules Mason, Director of Governance & Business Transformation

Date: 28 May 2025

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<sup>1</sup><https://ghgprotocol.org/corporate-standard>

<sup>2</sup><https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

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