

2025 Carbon Emission Report

Macegreen
Consulting Ltd

01 May 2024 - 30 April 2025

macegreen 
consulting

Introduction

At Macegreen Consulting Ltd, we are committed to supporting global efforts to reduce carbon emissions and prioritise transparency in reporting our environmental impact. As part of this commitment, we have produced our Carbon Emission Report for the Reporting Year 2025, covering the period from May 1, 2024 to May 1, 2025.

This report provides a comprehensive overview of Macegreen Consulting Ltd's operational greenhouse gas (GHG) inventory, highlighting key emissions data, trends, and areas of focus for improvement.

By leveraging Alectro's Virtual Sustainability Officer® platform, we have enhanced our ability to measure, report, manage, and balance our carbon emissions more effectively.

Through this report, we aim to foster accountability, support industry best practices, and contribute to a more sustainable future.

Key Metrics

38.25 tCO₂e

Total Emissions

1.66 tCO₂e

Per Employee

1

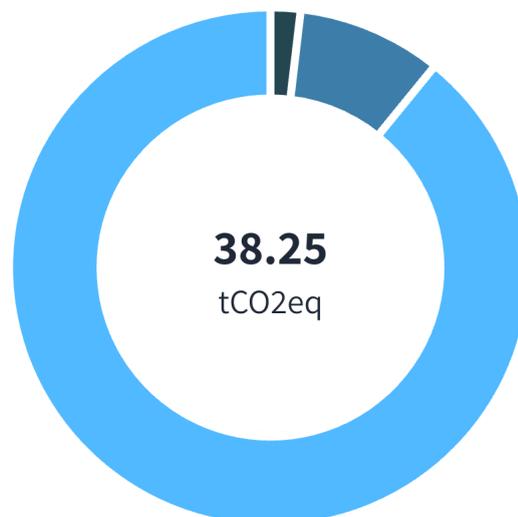
Years of Reporting

2050

Net Zero Target Year

Carbon Emissions Summary

- Scope 1 1.86% 0.71 tCO₂eq
- Scope 2 8.99% 3.44 tCO₂eq
- Scope 3 89.15% 34.10 tCO₂eq



Greenhouse Gas Inventory

All data is reported in tonnes of carbon dioxide equivalent (tCO₂e) because it provides a standardised unit of measurement that accounts for the varying global warming potentials (GWP) of different greenhouse gases, enabling a clear, consistent, and comparable assessment of total emissions.

Scope	Category	Name	tCO ₂ eq	tCO ₂ eq per employee
1	1	Stationary Combustion Emissions	0.71	0.03
1	2	Fugitive Emissions	0	0
1	3	Mobile Combustion	0	0
2	1	Purchased Electricity	3.44	0.15
3	1	Purchased Goods and Services	4.10	0.18
3	2	Capital Goods	1.22	0.05
3	3	Fuel- and Energy-Related Activities Not Included in Scope 1 or Scope 2	0.33	0.01
3	5	Waste Generated in Operations	0.06	0.00
3	6	Business Travel	14.76	0.64
3	7	Employee Commuting	13.64	0.59
3	9	Downstream Transportation And Distribution	0.01	0.00

Emissions by Scope

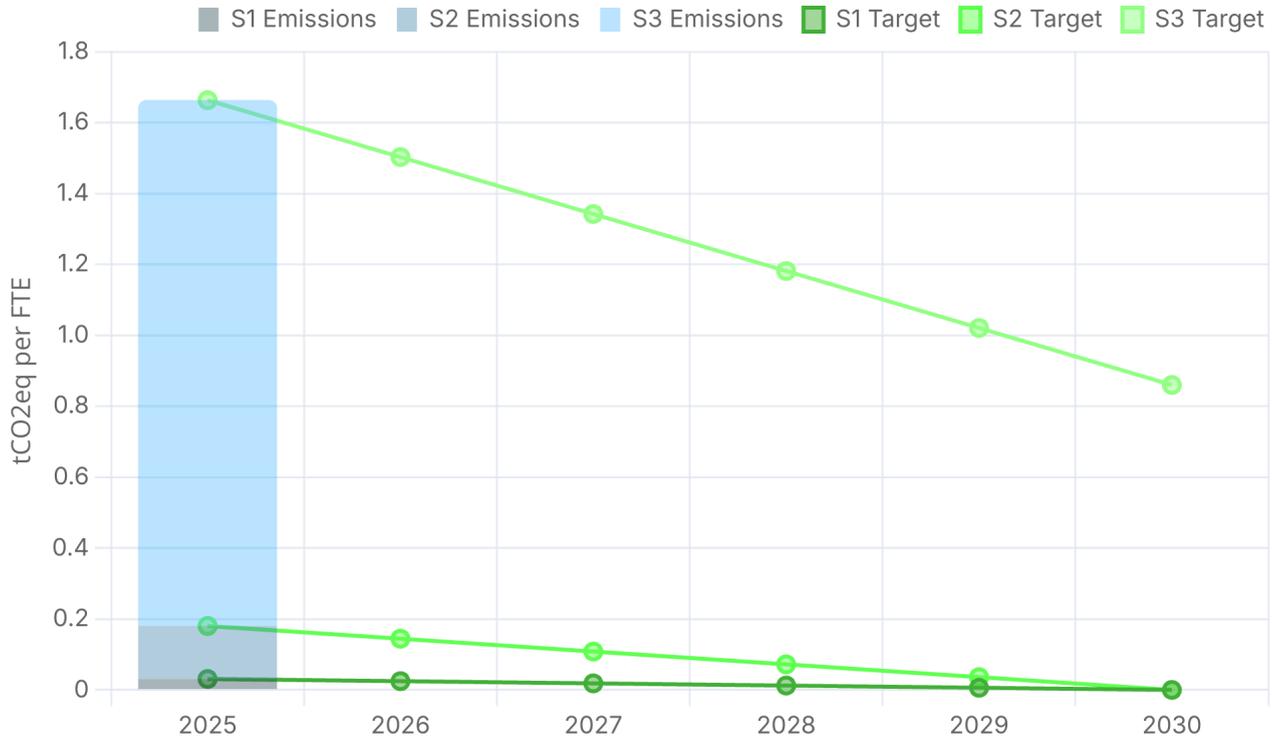
Scope	tCO ₂ eq	tCO ₂ eq per Employee	%
Scope 1	0.71	0.03	1.86
Scope 2 (Market)	3.44	0.15	8.99
Scope 3	34.10	1.48	89.15
Total	38.25	1.66	100

Scope 2 emissions are reported using a market-based approach, reflecting Macegreen Consulting Ltd's Environmental Procurement Policy to source electricity through a renewable energy tariff. For the reporting period, Scope 2 location-based emissions are measured at 3.49 tCO₂e.

Glidepath

Reduction Targets for 2030

Scope 1 100%	Scope 2 100%	Scope 3 42%
------------------------	------------------------	-----------------------



Scopes and categories included

Scope 1 & 2

All categories (1-6)

Scope 3

Upstream: Purchased Goods and Services (Category 1), Capital Goods (Category 2), Fuel and Energy-Related Activities Not Included in Scope 1 or Scope 2 (Category 3), Upstream Transportation and Distribution (Category 4), Waste Generated in Operations (Category 5), Business Travel (Category 6), Employee Commuting (Category 7), Upstream leased assets (Category 8)

Net Zero Statement

At Macegreen Consulting Ltd we are committed to promoting sustainability, protecting the environment, and creating a prosperous world for future generations. Promoting a broader sustainability agenda is integral to Macegreen Consulting Ltd's professional activities and our management.

We aim to lead by example by following good sustainability practices, to reduce the direct environmental impacts of all our activities, advance our positive contributions to the planet and our society, and to help our clients and partners to do the same.

Macegreen Consulting Ltd is committed to being net-zero aligned by 2050. We will do this by aligning our Scope 1, Scope 2, and Scope 3 emissions to the following:

We will reduce Scope 1 emissions by 100% by 2030. We will do this by working with our facilities team to minimise the use of fossil fuel for heating then We will do this by transitioning our fleet to electric vehicles

We will reduce Scope 2 emissions by 100% by 2030. We will do this by ensuring we are supplied by low carbon electricity sources.

We will reduce our Scope 3 emissions by 42% by 2030 in line with the Science Based Targets initiative. We will achieve this by:

1. We will do this by focusing on public transport rather than individual modes of transport
2. We will do this by encouraging and supporting our employees as they transition to low-carbon modes of transport
3. We will do this by supporting our employees with a transition to low carbon power, and by providing the training needed for them to understand the impact of working from home

We will also do this by aligning at least 80% of our supply chain to a high standard including (but not limited to) published carbon reporting and a published net zero plan.

We will review this at a later date if things change.

Methodology

Project Admin

Alectro: This analysis was conducted by Alectro Ltd, for any questions please get in touch with us by emailing hello@alectro.io

Macegreen Consulting Ltd: This project was led by lucymace@macegreen.co.uk

Reporting Period: 1 May 2024 - 1 May 2025

Report Generated: This report was generated on 12 December 2025

Organisational Boundaries: Macegreen Consulting Ltd's carbon reporting follows the operational control approach as defined by the GHG Protocol. This approach includes all operations where Macegreen Consulting Ltd has full authority to introduce and implement operating policies. As a result, 100% of GHG emissions from all owned and leased facilities under Macegreen Consulting Ltd's direct operational control are included in the report.

Operational Control: All GHG emissions within the organisational boundary are accounted for and categorised into three key scopes:

- **Scope 1:** Direct emissions from sources owned or controlled by Macegreen Consulting Ltd.
- **Scope 2:** Indirect emissions from the consumption of purchased electricity, steam, heating, and cooling.
- **Scope 3:** Other indirect emissions that occur in the value chain, which are considered optional for reporting purposes.

Reporting Principles

Alectro believes that emission reporting should be conducted with the same importance as financial accounting and reporting. In line with the World Resource Institute WRI GHG Accounting and Reporting Principles, this analysis and report has been conducted to ensure that the information is a true and fair account of Macegreen Consulting Ltd and its current situation.

We therefore ensure our analysis and reporting is based on the following principles:

- **Relevance:** We ensure the GHG inventory appropriately reflects the GHG emissions of the company and serves the decision-making needs of users – both internal and external to the company.
- **Completeness:** We account for and report on all measurable GHG emission sources and activities within the chosen inventory boundary, including disclosing and justifying any specific exclusions.
- **Consistency:** We use consistent methodologies to allow for meaningful comparisons of emissions over time. We transparently document any changes to the data, inventory boundary, methods, or any other relevant factors in the time series.
- **Transparency:** We address all relevant issues in a factual and coherent manner, based on a clear audit trail. We disclose any relevant assumptions and make appropriate references to the accounting and calculation methodologies and data sources used.
- **Accuracy:** We ensure that the quantification of GHG emissions is systematically neither over nor under actual emissions, as far as can be judged, and that uncertainties are reduced as far as practicable. We aim to achieve sufficient accuracy to enable users to make decisions with reasonable confidence as to the integrity of the reported information.



This report has been automatically generated for Macegreen Consulting Ltd at 9:47:26 AM on 12/12/2025

The report is provided to the Client subject to the terms agreed upon and is not to be disclosed in whole or in part to third parties, or changed, modified, or redacted without Alectro's prior written consent. This report is not provided for purposes of advertising, sales, media, publication, websites, or quotations except as agreed in the terms. Information and data provided by the Client or other organisations or individuals in the preparation of this report is believed to be accurate and reliable but has not been verified, and Alectro does not provide any warranty relating to this information except as defined in the terms.

Publicly available information has been collected from sources that Alectro deems reliable, but Alectro has not verified the accuracy or completeness of this information or data and does not make any representation to have done so.

This report is not intended to be relied on for financial decision-making on the part of the Client unless otherwise stated. Any reliance placed on this report by the Client or other third-party organisations is done at the risk of the Client or organisation. To the fullest extent permitted by law, Alectro accepts no responsibility or liability in respect of this report to any organisation or individual other than the Client unless specifically stated. If any of these terms are invalid or unenforceable, the continuation in full force and effect of the remainder will not be prejudiced.

Copyright © Alectro Limited 2025. All rights reserved.