

CONTIC

Lyth Ltd

Carbon Reduction Plan

Company number: **12335879**

Registered office address:

School Master's House, 39 College Street, Petersfield, England, GU31 4AG

Website: [Contic](#)

Introduction

Lyth Ltd is committed to reducing our carbon footprint as part of our broader mission to empower businesses with innovative, sustainable solutions. As we shape product management strategies and drive technological advancements, we recognize the importance of aligning our operations with environmental responsibility. This Carbon Reduction Plan marks our first formal step towards achieving Net Zero emissions, reflecting our dedication to minimising our impact on the planet.

As part of our Attitude Approach, where we aim to empower businesses with sustainable innovation solutions around the world; Lyth Ltd is excited in its commitment to reduce carbon footprints and work as a team toward that mission. When we frame product management strategies, evolve technological systems and drive environmental progress; it is the insistence of our operations being stitched together with a conscience to care for the environment. Our Carbon Reduction Plan is our first big step from a standing start to reaching Net Zero emissions, we are passionate about reducing the effect that as individuals and an organisation has on this world.

We weave carbon reduction as part of our day-to-day operations. In the same way that we deliver robust, scalable and fault-tolerant digital infrastructure on behalf of clients – we are meeting those standards within our operations by minimising energy usage and footprint. We are incredibly conscious about the world we live in and how it is changing, that's why we are so committed to making our business future-proofed by adopting sustainability practices with a long-term vision towards achieving environmental goals.

Lyth Ltd, is not only working on advancing our operational efficiency but also by innovating in our products and service to make them more useful for the clients and move toward delivering a positive impact. Through embedding sustainability

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CONTIC

within our business model, we hope to be able to support positive environmental benefits and continue delivering transformational technology for growth for our customers.

Commitment to Net Zero by 2040

As part of Lyth Ltd's commitment to environmental sustainability, we will have Net Zero emissions by 2040. We understand the importance of responding to climate change and are implementing measures as quickly we can in various areas. This means adopting energy efficiency, environmental best practice and business-wide carbon reduction strategies as part of our normal way of working. Our aspiration is to have no net carbon emissions on a daily basis from our products, operations and supply chain by 2040 to align with a vision of sustainable future for all client communities.

Baseline Emission Footprint 1st August 2023 – 31st July 2024

Methodology & References

Lyth Ltd's Carbon Reduction Plan is developed in alignment with the Greenhouse Gas (GHG) Protocol, ensuring comprehensive and accurate reporting of our emissions. The Carbon Reduction Plan is developed according to the Greenhouse Gas (GHG) Protocol, so it tells us where everything fits in and what a good method for reporting would be. Our Scope 1 and Scope 2 emissions are measured in accordance with the GHG Protocol Corporate Standard via the official [GHG Protocol website](#). Within Scope 3 emissions, we use the [GHG Protocol Scope 3 Standard](#) to track all our value chain emissions in full.

Emission factors are taken from the UK Government conversion factors for company reporting [[conversion factors for company reporting](#)] as we aim to be consistent and accurate in our calculations.

Our approach is also aligned to the ISO 14001 that defines our Environmental Management System (EMS), and PAS 2060 tells us how to be carbon neutral. These standards ensure, Lyth Ltd can be secure in the knowledge that any carbon reduction we undertake supports our aim of being transparent and more rigorous when creating programmes towards becoming Net Zero by 2040.

CONTIC

Scopes and categories ¹	Metric tons CO ₂ e
Scope 1: Direct emissions from owned/controlled operations	0.00
Scope 2: Indirect emissions from the use of purchased electricity, for charging of EV	1.7287
Scope 3: emissions	
Category 1: Purchased goods and services	0.00
Category 2: Capital goods	0.00
Category 3: Fuel- and energy-related activities (not included in scope 1 or scope 2)	0.00
Category 4: Upstream transportation and distribution	0.00
Category 5: Waste generated in operations	0.00
Category 6: Business travel	1.7717
Category 7: Employee commuting	0.00
Category 7: Other Work from Home	26.0000
Category 8: Upstream leased assets	0.00
Category 9: Downstream transportation and distribution	0.00
Total	29.5004

Emissions

- Scope 2: Indirect emissions from the use of purchased electricity, for charging of EV
- Category 6: Business travel
- Category 7: Other Work from Home

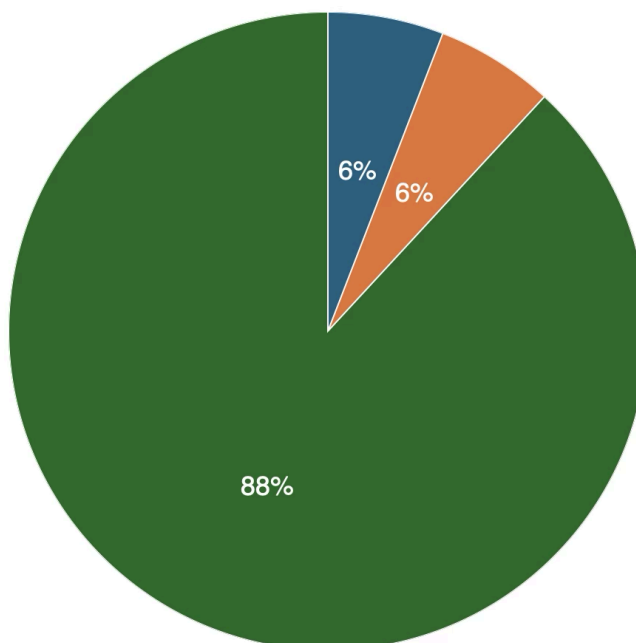


Figure 1

¹ Categorisation of scope 3 Work from Home is reported in Category 7.

CONTIC

Zero Emissions Breakdown

Scope 1 (Direct emissions from owned/controlled operations): 0.00 tCO₂e

Our operations do not involve activities such as fuel combustion or other processes that typically generate direct emissions. As a result, Scope 1 emissions are reported as 0.00.

Scope 2 (Indirect emissions from purchased electricity): 1.7287 tCO₂e

Emissions here are specific to the electricity used for charging electric vehicles (EVs).

Scope 3 Emissions:

- **Category 1 (Purchased goods and services): 0.00 tCO₂e**
Emissions in this category are currently unreported due to the nature of our purchasing activities, which are minimal or not yet fully quantified.
- **Category 2 (Capital goods): 0.00 tCO₂e**
Capital goods are not applicable to our business due to restrictive activities.
- **Category 3 (Fuel- and energy-related activities): 0.00 tCO₂e**
There are no additional fuel or energy-related activities beyond what is captured in Scope 1 and Scope 2.
- **Category 4 (Upstream transportation and distribution): 0.00 tCO₂e**
We do not engage in upstream transportation or distribution activities that contribute to emissions.
- **Category 5 (Waste generated in operations): 0.00 tCO₂e**
Waste generation is minimal, or data is currently unavailable.
- **Category 7 (Employee commuting): 0.00 tCO₂e**
Commuting emissions are either negligible or not yet captured.
- **Category 8 (Upstream leased assets): 0.00 tCO₂e**
Emissions are reported as 0.00 due to restrictive activities and business processes.
- **Category 9 (Downstream transportation and distribution): 0.00 tCO₂e**
There are no downstream transportation or distribution activities contributing to emissions.

Current Emissions Reporting 1st August 2023 – 31st July 2024

Since this is our first time preparing a Carbon Reduction Plan, our current emissions reporting is the same as our Baseline. We have established our initial

CONTIC

emissions inventory for the reporting period, which will serve as the foundation for tracking our progress in reducing carbon emissions. This baseline allows us to measure the effectiveness of our future carbon reduction initiatives and set clear targets aligned with our commitment to achieving Net Zero by 2040. As we move forward, we will regularly update our emissions data to reflect ongoing improvements.

Emissions Reduction Targets:

Lyth Ltd is committed to achieving Net Zero emissions by 2040, with clear and measurable reduction targets set for the coming years. Our primary goal is to reduce our total carbon emissions by 50% by 2030, focusing on both direct and indirect emissions across our operations. This includes optimising energy efficiency, transitioning to renewable energy sources, and minimising emissions from our supply chain and business travel.

We will implement energy-saving initiatives, invest in sustainable technologies, and collaborate with our partners to reduce Scope 3 emissions. Annual reviews of our carbon footprint will be conducted to ensure we are on track to meet our targets. Adjustments will be made as necessary to accelerate our progress towards Net Zero. These targets are aligned with the GHG Protocol, ISO 14001, and PAS 2060 standards, ensuring that our carbon reduction efforts are comprehensive, transparent, and consistent with best practices in sustainability.

Our reduction targets are set with specific timescales to ensure measurable progress:

1. **By 2025:** Achieve a 20% reduction in total carbon emissions compared to our baseline. This will involve implementing energy-efficient technologies and reducing energy consumption across our operations.
2. **By 2030:** Reduce total carbon emissions by 50% from the baseline. Key actions will include transitioning to renewable energy sources, optimising energy use, and significantly reducing emissions from business travel and supply chain activities.
3. **By 2035:** Achieve a 75% reduction in total carbon emissions. This phase will focus on scaling up successful initiatives and further integrating sustainability into our business practices.
4. **By 2040:** Reach Net Zero emissions. We will ensure that all remaining emissions are offset or mitigated through advanced carbon reduction technologies and strategic partnerships.

These targets align with the GHG Protocol, ISO 14001, and PAS 2060 standards, ensuring our approach is both rigorous and transparent.

CONTIC

Carbon Reductions Initiatives:

Lyth Ltd is implementing a range of initiatives to achieve our Net Zero target by 2040:

1. **Energy Efficiency:** We will enhance energy efficiency across our operations by upgrading to energy-saving technologies, optimising HVAC systems, and improving building insulation. Regular energy audits will help identify further opportunities for improvement.
2. **Renewable Energy Transition:** We plan to transition to 100% renewable energy sources for our electricity needs by 2025. This includes investing in solar panels and sourcing green energy from certified providers.
3. **Sustainable Transportation:** We will reduce emissions from business travel by promoting virtual meetings and adopting a green travel policy. Where travel is necessary, we will encourage the use of public transport and electric vehicles.
4. **Supply Chain Collaboration:** We are committed to working closely with our suppliers to reduce their carbon footprint. This involves setting sustainability criteria for supplier selection, engaging in carbon reduction programs, and encouraging suppliers to report their emissions data.
5. **Carbon Offsetting:** For any remaining emissions, we will invest in high-quality carbon offset projects that contribute to reforestation and renewable energy initiatives, ensuring our emissions are effectively mitigated.

These initiatives are aligned with the GHG Protocol, ISO 14001, and PAS 2060 standards, ensuring a structured and transparent approach to achieving our carbon reduction goals.

CONTIC

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standards 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 standard² and uses the appropriate Government emission conversion factors for greenhouse gas company reporting³.

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) Standard⁴.

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

Signed on behalf of Lyth Ltd:



Name: Adam Lyth

Position: CEO

Date: 08/10/2024

²<https://ghgprotocol.org/corporate-standard>

³<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

⁴<https://ghgprotocol.org/standards/scope-3-standard>