



ERGOS TECHNOLOGIES LIMITED

Carbon Reduction Plan

Company number [UK] **06146434**

Registered office address

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Website: [Managed Services Provider](#) | [ERGOS Technology Partners](#)

Introduction

ERGOS is committed to reducing its carbon footprint through the integration of sustainable practices across its comprehensive suite of IT services. As an ISO 14001:2015 certified company (**Certificate No. 334382020**), ERGOS aligns its operations with international and UK specific environmental management standards, ensuring that all services contribute to minimising environmental impact.

We offer **Managed IT Services, Cloud Solutions, Cybersecurity, and IT Consulting**, all designed with efficiency and sustainability in mind. By leveraging **cloud infrastructure**, such as **Azure** and **AWS**, businesses can reduce their reliance on physical hardware, which lowers energy consumption and supports remote working capabilities, cutting down on travel-related carbon emissions. Additionally, ERGOS' **data services** help organisations optimise operations through better forecasting, reducing wasteful practices.

ERGOS supports carbon reduction by promoting **secure hybrid and cloud environments** that are energy-efficient, reducing the need for on-site servers and cutting down energy usage for cooling and maintenance. Our **network services** also provide next-generation connectivity solutions, helping businesses adopt energy-efficient technologies and reduce operational waste.

Furthermore, **compliance services** ensure that clients not only meet regulatory standards but also incorporate sustainability into their operations, fostering an eco-friendly approach across industries. Through proactive IT management and **disaster recovery solutions**, ERGOS ensures business continuity while promoting greener digital practices, such as **remote work** and **virtualisation**.

ERGOS' comprehensive services are not only designed to enhance business productivity but also to actively contribute to global efforts in reducing carbon emissions and promoting sustainability in the tech industry



Commitment to achieving Net Zero by 2040

ERGOS is dedicated to achieving net zero carbon emissions by 2040. As part of our ISO 14001:2015 certification, we continuously integrate sustainable practices into our services offered. By promoting remote work, cloud migration, and reducing reliance on energy-intensive physical infrastructure, we minimise carbon impact. Our proactive approach to compliance ensures that all clients are aligned with environmental standards. ERGOS commits to fostering an eco-friendly, low-carbon future for both our operations and the businesses we serve.

Baseline Emissions Footprint 1st Oct 2023 – 30th Sept 2024

Scopes and categories	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, steam, heating, and cooling	15.7005
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 – by Land	2.7043
Category 7: Employee commuting	16.4037
Category 7: Work From Home	2.2664
Category 8: Upstream leased assets	0.00
Category 9: Downstream transportation and distribution	0.00
Scope 3 Total	21.3744
Emissions Total	37.0749

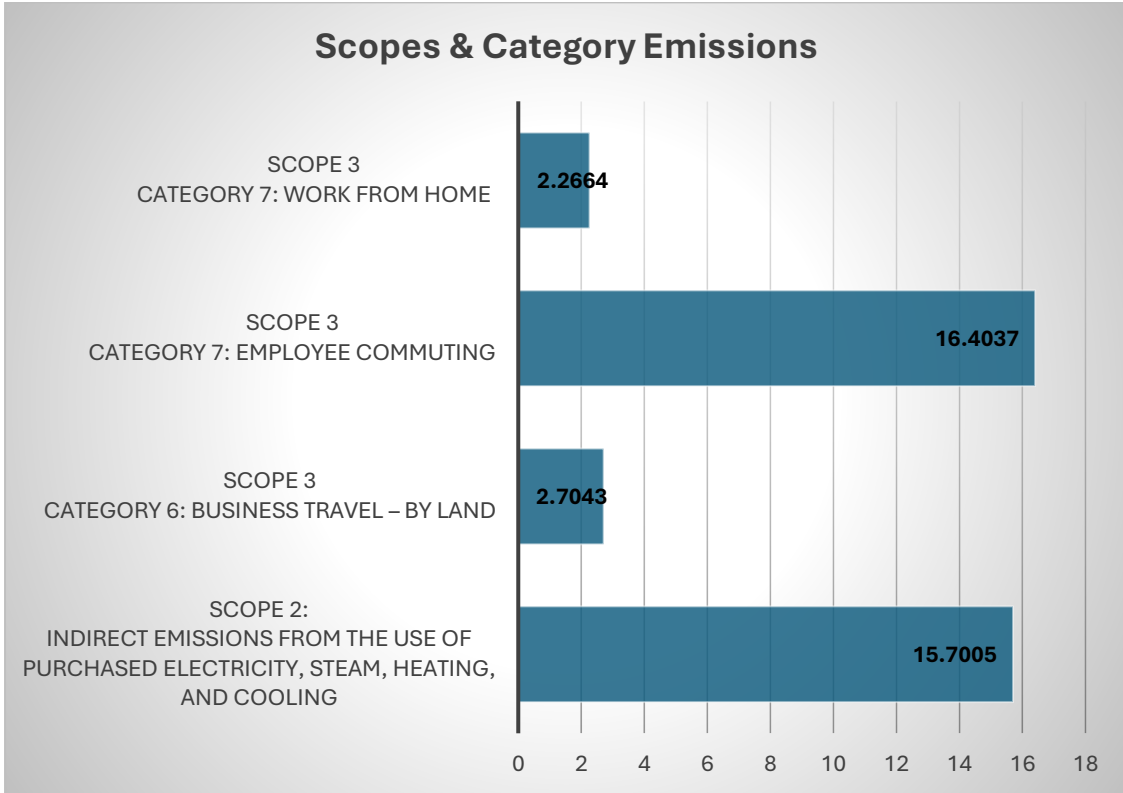


Figure 1

Zero Emissions reasons

Scope 1 (Direct Emissions): Our business operates within restrictive processes that do not generate direct emissions. As we do not own or control any combustion equipment or facilities, we have no direct emissions from owned or controlled sources, ensuring zero Scope 1 emissions.

Scope 3 (Category 1–4): Our business activities do not contribute to Scope 3 emissions in Categories 1–4, which cover purchased goods and services, capital goods, fuel- and energy-related activities (not included in Scope 1 or 2), and upstream transportation and distribution. As these categories involve activities that are outside the core of our business model, our processes do not generate emissions in these areas.

Scope 3: Category 5: Waste Generated in Operations: ERGOS Technology Limited partners with Biffa for all waste collection and disposal services, ensuring responsible and sustainable waste management across our operations. As a leading waste management company in the UK, Biffa provides comprehensive solutions that focus on minimising environmental impact. They play a



critical role in ensuring that the waste collected from our clients and business activities does not end up in landfill but is instead processed for recycling and recovery.

Biffa's expertise ([Waste Management – Affordable & Reliable Services - Biffa](#)) extends to sorting, segregating, and managing a wide range of waste streams, contributing to the circular economy by turning waste into valuable resources. Their commitment to reducing carbon emissions and promoting resource efficiency aligns with ERGOS Technology's sustainability objectives. Through this collaboration, we ensure that we meet our environmental obligations and contribute to a greener, more sustainable future.

Scope 3 (Category 8–9 – Upstream and Downstream Leased Assets): Our business procedures are limited in these areas, as we do not own or lease significant assets that would contribute to upstream or downstream emissions, ensuring minimal to no emissions in these categories.

Methodology & References

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

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.

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

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

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

Scope and category	Description of the types and sources of data used to calculate emissions	Description of the data quality of reported emissions	Emissions in tCO ₂ e
Scope 2: Indirect emissions use of purchased electricity	Monthly Bills		15.7005
Scope 3: Category 6: Business Travel by Land	Medium Car Diesel	Journey Refund	0.8103
Scope 3: Category 6: Business Travel by Land	Medium Car Petrol	Journey Refund	1.7275
Scope 3: Category 6: Business Travel by Land	National Rail	Journey Refund	0.1549
Scope 3: Category 6: Business Travel by Land	London Underground	Journey Refund	0.0116



Scope 3: Category 7: Office Commute	Medium Car Diesel	Attendance	5.1671
Scope 3: Category 7: Office Commute	Medium Car Petrol	Attendance	11.0163
Scope 3: Category 7: Office Commute	Local Bus(Not London)	Attendance	0.1633
Scope 3: Category 7: Office Commute	Local Bus London	Attendance	0.057
Scope 3: Category 7: Work From Home	Online Systems	Attendance	2.2664

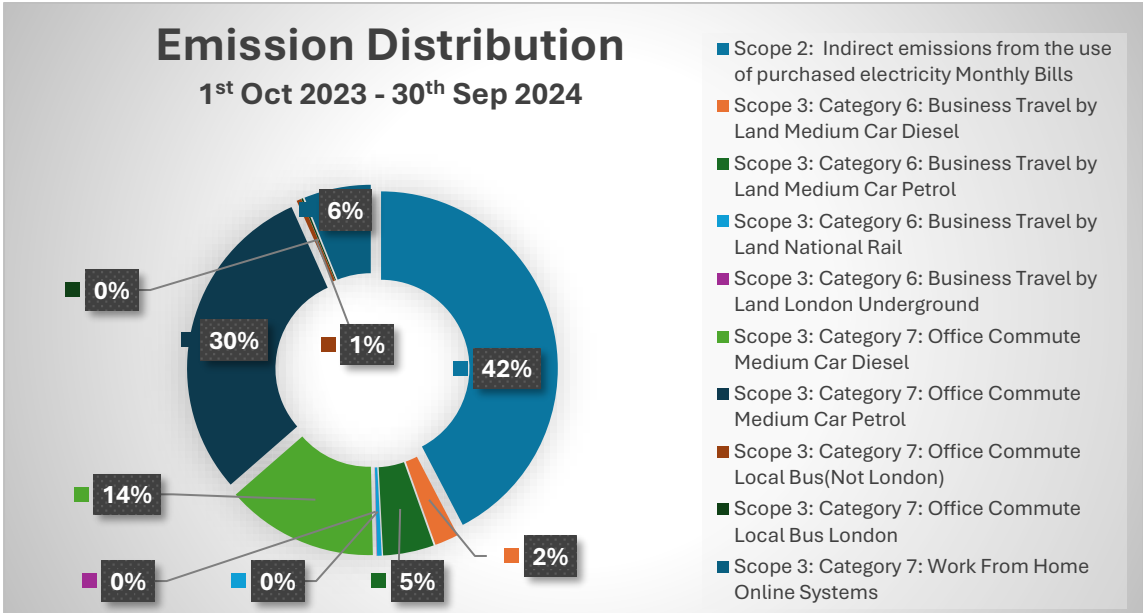


Figure 2

The pie chart *Figure 2* illustrates our strong emphasis on work-from-home policies, which now contribute the most to our carbon emissions. While we are actively seeking ways to reduce emissions, we are currently focusing on business travel and commuting by personal vehicles. We have implemented policies to educate employees on emissions-conscious travel choices. However, it's important to note that our IT engineers only travel for mission-critical purposes. We are dedicated to reducing emissions in these areas and are exploring technological and other solutions to achieve further reductions.



Current Emissions Reporting 1st Oct 2023 – 30th Sept 2024

As this is ERGOS' first year implementing its Carbon Reduction Plan, the emissions data for both the baseline year and current reporting period are identical. Establishing this baseline is critical, as it lays the groundwork for measuring and comparing future emission reductions. As ERGOS refines its carbon tracking and reporting processes, this baseline will serve as a reference point to assess progress towards Net Zero emissions. Using the same data for both the baseline and current reporting ensures a consistent starting point for accurately monitoring the organisation's environmental impact in the years ahead.

Emissions reduction targets

Based on our current emissions data, we aim to reduce emissions across all scopes through progressive, measurable reductions.

- **Scope 2: Indirect Emissions (purchased electricity)** – We will focus on reducing our electricity usage by 30% by 2030, through energy efficiency measures and transitioning to renewable energy sources, lowering current emissions of 15.7 tCO₂e.
- **Scope 3: Business Travel and Office Commutes** – By promoting hybrid working, switching to electric vehicles, and encouraging public transport, we aim to reduce emissions from business travel and commuting by 50% by 2030. This will target reductions across emissions for categories such as medium diesel and petrol cars (currently 5.98 tCO₂e for travel and 16.18 tCO₂e for commutes).
- **Scope 3: Work From Home** – We will work to optimise our remote systems to further reduce emissions from homeworking, currently at 2.2664 tCO₂e, by 20% by 2030, focusing on energy-efficient practices for employees.

ERGOS will set interim targets and continuously assess our progress to meet our Net Zero goal by 2040.

Carbon Reduction Initiatives

ERGOS has developed comprehensive initiatives to reduce our carbon footprint across multiple areas:

1. **Transition to Renewable Energy where applicable** (Scope 2: Indirect Emissions)
ERGOS will switch to renewable energy sources for all office locations, reducing emissions from purchased electricity (currently 15.7 tCO₂e). This includes installing solar panels and sourcing energy from certified renewable providers.



2. Energy Efficiency in Offices

Implementing energy-saving technologies such as LED lighting, smart energy management, and efficient heating/cooling systems will help optimise energy use. Regular audits will ensure ongoing improvements.

3. Promote Electric and Hybrid Vehicle Use (Scope 3: Business Travel and Commutes)

We will incentivise the use of electric and hybrid vehicles by offering EV charging stations and promoting vehicle leasing options. This will support a 50% reduction in travel and commuting emissions by 2030.

4. Hybrid Working and Public Transport

By encouraging hybrid work models and promoting public transport and shared mobility options, ERGOS aims to further reduce emissions from commuting (currently 16.18 tCO₂e from car usage).

5. Optimising Remote Work Systems (Scope 3: Work From Home)

Investment in energy-efficient cloud systems and employee guidance on reducing home energy use will help cut work-from-home emissions (currently 2.2664 tCO₂e).

6. Sustainable Procurement and Waste Reduction

We will procure sustainable, low-carbon IT equipment and office supplies, and expand recycling and paperless office programmes to reduce waste.

7. Employee Training

ERGOS will deliver training to employees on sustainability best practices, energy conservation, and eco-friendly commuting options. This will ensure company-wide participation in carbon reduction efforts.

8. Supply Chain Sustainability

We will work with suppliers to ensure they align with our sustainability goals, opting for partners who demonstrate commitment to low-carbon operations and responsible sourcing.

These initiatives will be monitored and adjusted regularly to ensure we achieve our interim and long-term carbon reduction goals.



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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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) Standard³.

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

Signed on behalf of **ERGOS TECHNOLOGIES LIMITED:**

Name: Najib Youssef Choucair.

Position: **Director**.

Date: ...21st November 2024.....

Department responsible for the upkeep of this document: Compliance Team

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

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

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