



EMERALD247

# Carbon Reduction Plan

**Supplier name: Emerald247 Ltd**

**Publication date: 07/01/2024**

## **Commitment to achieving Net Zero**

Emerald247 Ltd is committed to achieving Net Zero emissions by 2030

## **Baseline Emissions for Emerald247**

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 2022: January 2022 to December 2022**

Emerald247 Ltd's carbon reduction reporting follows a 12-month period, from **January to December**, in line with our baseline year of 2022. In 2022, Emerald247 implemented a robust emissions tracking system, designed to comply with the Streamlined Energy and Carbon Reporting (SECR) guidelines. These figures have been independently reviewed by external consultants to ensure data accuracy. The 2022 baseline serves as the foundation for our Net Zero strategy, with reductions tracked against this year moving forward.

## **Methodology for Baseline Emissions Calculation**

Emerald247's carbon footprint is divided into three categories in line with global best practices:

- **Scope 1:** Direct emissions from fuel consumption, including natural gas, diesel, and emissions from company-owned or leased vehicles. Scope 1 calculations are based on actual fuel usage volumes across operations.
- **Scope 2:** Indirect emissions from purchased electricity and heating used at Emerald247's offices. Calculations for Scope 2 emissions are based on regional energy consumption data, adjusted for local grid carbon intensity.
- **Scope 3:** Other indirect emissions resulting from business activities, including business travel, employee commuting, and supply chain-related emissions. These are calculated using metrics like travel distances, supplier data, and estimates for remote working.

## **Baseline Year Emissions 2022: January 2022 to December 2022**

- Scope 1: 0.4 tCO<sub>2</sub>e
- Scope 2: 0.5 tCO<sub>2</sub>e
- Scope 3 (included sources): 3.5 tCO<sub>2</sub>e
- **Total Emissions:** 4.4 tCO<sub>2</sub>e



## Current Emissions Reporting

### Reporting Year 2024: January 2023 to December 2023

Emerald247 has made notable progress towards achieving its carbon reduction goals. By focusing on improving energy efficiency, reducing business travel, and adopting sustainable practices, we have significantly reduced emissions over the past two years.

### 2023 Emissions:

- Scope 1: 0.35 tCO<sub>2</sub>e
- Scope 2: 0.45 tCO<sub>2</sub>e
- Scope 3 (included sources): 3.2 tCO<sub>2</sub>e
- **Total Emissions:** 4.0 tCO<sub>2</sub>e

### Carbon Reduction Objectives

Emerald247 Ltd is committed to minimizing its carbon footprint and achieving **Net Zero by 2030**. To achieve this, we have established a series of targets aimed at reducing emissions across all areas of our operations:

- **Scope 1 & 2 Emissions:** Our goal is to reduce combined Scope 1 (direct emissions) and Scope 2 (indirect emissions from energy consumption) by **8% per employee by 2025**, compared to our 2022 baseline.
- **Business Travel:** In addition, we aim to cut emissions related to business travel by **11% by the end of 2025**, reflecting our commitment to minimizing travel-related environmental impact.

Based on current projections, Emerald247 expects to lower total GHG emissions to **3.7 tCO<sub>2</sub>e by 2025**, representing an overall reduction of **8%**, and we are on course to achieve **Net Zero by 2030**.

### Actions Implemented (2022-2023)

Since 2022, Emerald247 has executed several strategies to reduce its carbon footprint and create a more sustainable work environment:

- **Energy Optimization in Offices:** We have revamped our office spaces to prioritize natural light, decreasing the demand for artificial lighting during working hours. Energy-efficient lighting and HVAC systems that respond to occupancy levels have been installed, further reducing our energy consumption.
- **Reduction in Paper Usage:** We have shifted towards a digital-first approach, significantly reducing our reliance on printed materials. This transition has also extended to our invoicing process, with the majority of our communications now



handled electronically, cutting down on both paper usage and emissions related to postage.

- **Sustainable Procurement:** We have introduced a policy to source eco-friendly office supplies, including recycled paper and energy-efficient equipment. Single-use plastics have been eliminated across all locations, and reusable alternatives have been provided.
- **Promoting Green Commuting:** Employees are encouraged to use public transport, bicycles, or carpooling where possible. The company has also supported participation in government schemes like the **Cycle to Work program**, and provided secure bike storage at office locations.
- **Adoption of Virtual Collaboration:** Post-pandemic, we have significantly reduced travel by leveraging virtual meeting tools. In-person meetings are now conducted only when necessary, ensuring that business travel is minimized.
- **Waste Reduction and Recycling:** A robust waste reduction campaign has been introduced, including the installation of recycling stations across all sites. We've also encouraged the "Reuse and Recycle" philosophy, ensuring employees are aware of sustainable disposal practices.

### Planned Measures for 2024-2030

As we progress towards our goal of Net Zero by 2030, Emerald247 will focus on the following initiatives:

- **Setting Science-Based Targets:** We will establish science-based emissions reduction targets (SBTi) to ensure our carbon reduction goals align with global efforts to limit temperature rise. These targets will provide a clear, measurable pathway towards further reductions.
- **Expanding Remote Work Policies:** To further decrease commuting-related emissions, we plan to expand our remote and hybrid work policies. This will help reduce the overall environmental impact of daily office operations and employee commuting.
- **Data Centre Efficiency Upgrades:** We are conducting a thorough review of our data centres and IT infrastructure with the aim of improving energy efficiency. This will include exploring renewable energy options to power these centres and implementing advanced energy-saving technologies.
- **Supporting EV Adoption:** We will implement an electric vehicle (EV) transition program to encourage employees to switch to low-emission vehicles. This includes installing EV charging stations at our offices and offering financial incentives for EV purchases.
- **Greener Supply Chain:** Emerald247 will require suppliers to demonstrate their commitment to environmental sustainability by adhering to strict guidelines. This includes a focus on Net Zero targets by **2050** for all key suppliers.
- **ISO 14001 Environmental Management Certification:** We are working towards ISO 14001 certification to ensure our environmental management practices meet international standards. This will enable us to track and improve our environmental impact systematically.
- **Sourcing Renewable Energy:** As part of our energy strategy, we will aim to source electricity solely from renewable providers where possible. In shared office spaces,



we will collaborate with building management to advocate for renewable energy solutions.

- **Employee Engagement and Awareness:** We will continue to build a culture of sustainability within the company by providing regular training and awareness sessions. This will help employees understand their role in supporting our environmental goals, from reducing energy use to adopting eco-friendly commuting practices.
- **Carbon Offsetting Projects:** For any emissions that cannot be eliminated, we will invest in verified carbon offset projects that deliver real environmental benefits. This will help us balance our carbon footprint as we work towards absolute reductions.
- **Sustainable Building Practices:** Future office renovations and builds will prioritize energy efficiency and the use of sustainable materials. We will ensure that environmental considerations are integrated into the design, planning, and operation of our physical spaces.

### Managing Scope 3 Emissions

Our efforts to address Scope 3 emissions, which include indirect emissions from our supply chain and business travel, are ongoing. Over the next year, we will strengthen our data collection processes to better understand the full scope of these emissions. We will also engage our suppliers to ensure they are aligning with sustainable practices, focusing on reducing their carbon footprints in line with our overall goals.

### Shifting the Organizational Culture

One of our core challenges as we move forward is embedding a culture of sustainability across all levels of the company. Encouraging employees to adopt more sustainable behaviours, whether by reducing their business travel, minimizing paper use, or considering the environmental impact of their day-to-day activities, will be essential. We will continue to provide the tools, training, and communication necessary to make this cultural shift a reality.

### Conclusion

Emerald247 Ltd is fully committed to reducing its environmental impact and reaching **Net Zero by 2030**. Through a combination of targeted actions, employee engagement, and collaboration with suppliers, we are confident in our ability to achieve our sustainability goals. Our focus on reducing emissions, improving operational efficiency, and fostering a green company culture will ensure a brighter, more sustainable future for the company and the planet.

### 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>



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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.

**Signed:**

**Zain Ali**  
**Managing Director**  
**Emerald247 LTD**



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>