

## Meeting the Reporting Requirements

This Carbon Reduction Plan complies with PPN 06/21, as published by the Cabinet Office in June 2021. This document will be reviewed and updated annually in accordance with industry standards and regulatory requirements.

## Baseline Carbon Emissions

<b>Baseline year:</b> 2024 (01/01/24 - 31/12/24)
<b>Additional Details relating to the baseline emissions calculations.</b>  Technoworld PLC is a private limited SME company. While we are not obligated to report our emissions under the Streamlined Energy and Carbon Reporting (SECR) regulations, we are committed to environmental responsibility. To demonstrate this commitment, we began recording our emissions in 2024, which serves as our baseline for measuring and improving our environmental impact.
<b>Our total baseline emissions for 2024 are 30,333 kg CO<sub>2</sub>.</b>

## 2024 Carbon Emissions Overview

For a comprehensive assessment of our environmental impact, we are recording emissions data associated with our office at Unit 4 Hurricane Trading Estate, Grahame Park Way, Colindale, London, NW9 5QY.

In our baseline year, we operated with 24 Full-Time Equivalent (FTE) employees. As our business grows, we anticipate a proportional increase in emissions. This potential rise is factored into our Carbon Reduction Plan, ensuring that we take appropriate measures to mitigate and offset any increases while maintaining our commitment to sustainability.

<b>Scope 1</b>	<p>Our fleet consists of a single electric company car. During the 2024 period, this vehicle covered an estimated total distance of 696 miles. Given that our vehicle is fully electric, it produces 0 direct greenhouse gas emissions.</p> <p>This estimate is based on average yearly data. To further strengthen our environmental commitment and enhance accuracy, we plan to implement more precise vehicle tracking methods in the future.</p> <p><b>As such, our total Scope 1 emissions for the 2024 period are 0 kg CO<sub>2</sub>e.</b></p>
<b>Scope 2</b>	<p>Our Scope 2 emissions consist of electricity purchased for operations at our London offices, including the Collindale and Borehamwood sites. Both sites are supplied under a standard business electricity tariff. Neither site uses gas.</p> <ul style="list-style-type: none"><li>• <b>Collindale site</b> electricity consumption for 2024 was <b>7,267 kWh</b></li><li>• <b>Borehamwood site</b> electricity consumption for 2024 was <b>15,762 kWh</b></li></ul> <p>Therefore, our total Scope 2 emissions for electricity purchased in the 2024 period are approximately <b>4,665 kg CO<sub>2</sub>e.</b></p>

**Scope 3**

Our company primarily operates from two leased sites, which we do not own or directly manage. As such, we rely on actual recorded utility data and verified operational metrics to estimate our Scope 3 emissions. Going forward, we plan to strengthen our reporting processes by working closely with our landlords and utility providers to obtain more granular usage data and identify further reduction opportunities.

To estimate emissions from our waste, we used weight-based data from our waste collection partners, Biffa and Barnet Council. With one 660L bin collected per week per site and typical fill rates of ~50%, this equates to 3.8 tonnes of general waste annually.

Approximately **10.6%** of our Scope 3 emissions originate from business travel. Business travel in 2024 included two international flights: one to Nashville, USA and one to Lake Como, Italy. Emissions from these flights have been calculated using standard DEFRA emission factors.

To estimate emissions from our delivery operations, we used data provided directly by our logistics partner, **DPD**, for the 2024 reporting period. Their total Well-to-Wheel (WTW) greenhouse gas emissions associated with our parcel deliveries amounted to **18,808 kg CO<sub>2</sub>e**.

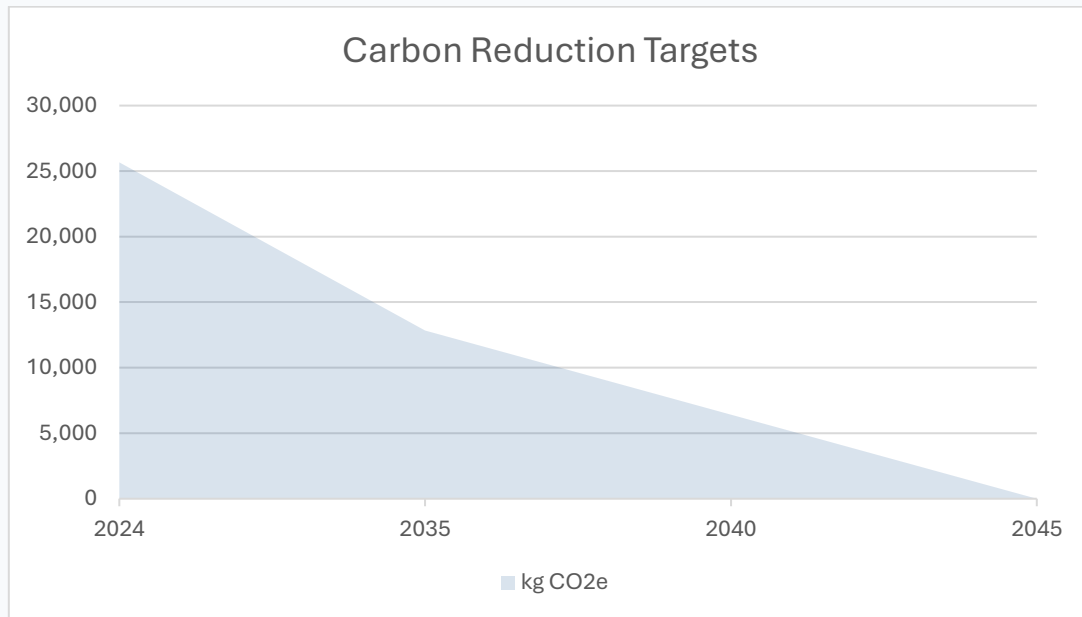
Activity	Type	kgCO <sub>2</sub> e
Managed Assets	Water Supply	23.73
Managed Assets	Water Treatment	28.79
Activity	Type	kgCO <sub>2</sub> e
Waste	General	24.36
Waste	Recycling	0.00
Activity	Type	kgCO <sub>2</sub> e
Employee Commuting	Car - Large	107.78
Employee Commuting	Car - Medium	82.25
Employee Commuting	Car - Medium	0.00
Employee Commuting	Car - Medium	592.23
Employee Commuting	Car - Small	100.02
Employee Commuting	Car - Medium	904.74
Employee Commuting	Car - Medium	666.14
Employee Commuting	Car - Large	686.11
Employee Commuting	Car - Large	826.33
Employee Commuting	Bus - Local	1.04
Employee Commuting	Bus - Local	1.04
Employee Commuting	Car - Small	86.65
Business Travel	Flights - International	2390.88
Business Travel	Flights - International	337.54
Activity	Type	kgCO <sub>2</sub> e
Deliveries		18808.00

Our total Scope 3 emissions for the 2024 period are **25,666 kg CO<sub>2</sub>e**.

## Emission Reduction Targets

To continue our progress toward achieving Net Zero by 2045, we have adopted an Absolute Contraction Approach to carbon reduction. Our targets are as follows:

- 2035: Target of 50% Carbon reduction to 12,834 kg CO<sub>2</sub>e
- 2040: Target of 75% Carbon reduction to 6417 kg CO<sub>2</sub>e
- 2045: Target of 100% Carbon reduction to Net Zero



**Figure 1: Our carbon reduction targets by year**

## Carbon reduction projects

The carbon reduction opportunities outlined in this section, once fully implemented, will reduce our GHG emissions annually, aligning with our goal of achieving Net Zero emissions by 2045.

### Scope 1 actions

- Replace petrol cars with electric vehicles (EVs) starting with the highest emissions vehicles to maximise impact
- Improve our current systems to provide optimised route planning, reducing distance travelled and fuel usage
- Install telematics to monitor driving behaviour (harsh braking, rapid acceleration) and provide training to improve fuel efficiency
- Offset any residual CO<sub>2</sub> emissions through the purchase of equivalent carbon emissions credits from an International Carbon Reduction & Offset Alliance (ICROA) provider

### Scope 2 actions

- Transition to 100% renewable energy through our electricity supplier and by investing in solar power for our sites

- Invest in an energy management system to monitor and optimise energy use
- Introduce power management policies for hardware such as laptops, PCs, printers
- Offset any residual CO<sub>2</sub> emissions through the purchase of equivalent carbon emissions credits from an International Carbon Reduction & Offset Alliance (ICROA) provider

### Scope 3 actions

#### *Business travel (including employee commuting)*

- Recruit within the local area to reduce travel needs – for each contract/Framework we plan to recruit within a 40-mile radius of the client site
- We will interrogate our data from travel to better understand if and where carbon reductions can be made
- Continue to encourage the use of walking or public transport, particularly trains
- Encourage car sharing
- Continue to support and encourage hybrid/homeworking
- Encourage the continued use of virtual meeting platforms where possible
- Promote cycling to work by providing information and participating in cycle-to-work schemes

#### *Managed assets*

We currently operate across 2 dedicated sites, where we manage our energy and water use directly.

While our emissions from managed assets are modest relative to other categories, we are committed to reducing our environmental footprint across all operational areas. To support this, we are implementing internal monitoring practices to gather more granular consumption data across our premises.

To further enhance our sustainability efforts, we aim to:

- Introduce site-specific metering where feasible to better quantify usage
- Benchmark performance across both sites to identify opportunities for improvement
- Explore efficiency upgrades, including water-saving fixtures and smart utility controls
- Implement staff awareness initiatives to promote more sustainable behaviours on-site
- Upgrade our offices in September 2024 with energy-efficient LED lighting and modern air conditioning systems
- Partner with HP to promote recycling of older IT devices through structured schemes

#### *Waste management and reduction*

- Work towards becoming a paperless office
- Implement internal recycling systems starting July 2025
- Conduct waste audits to maximise recycling and minimise waste production
- Collaborate with our waste partners to prioritise sustainable disposal routes
- For non-recyclable waste, develop partnerships with local energy recovery facilities

### 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 standard and use the appropriate government emission conversion factors for GHG company reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with Streamlined Energy and Carbon Reporting (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.

This Carbon Reduction Plan has been reviewed and signed off by the Board of Directors.

Signed on behalf of Technoworld PLC:

Name: Mr Paresh Pau

Position: Director

Date: 03.06.2025