

Carbon Reduction Plan 2024

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

Baseline year: 1 st January to 31 st December 2024
<p>Additional Details relating to the baseline emissions calculations.</p> <p>Croydon GP Collaborative 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.</p>
Our total baseline emissions for 2024 are 13,117 kg CO₂.

2024 Carbon Emissions Overview

To ensure transparency and a comprehensive assessment of our environmental impact, we are recording emissions data associated with our premises.

In our baseline year, we operated with 11 Full-Time Equivalent (FTE) employees. We operate out of 19 rooms at 14 premises, our operations are primarily conducted within NHS clinics and NHS Open Spaces. To accurately measure emissions from these locations, we have used NHS benchmarks to assess our environmental impact.

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.

Scope 1	<p>Our employees commute in a total of 7 personal cars. During the 2024 period, this collectively covered an estimated a total distance of 15,080 miles.</p> <p>This figure is based on an average yearly estimate. As part of our commitment to improving accuracy and reducing our environmental impact, we aim to implement more precise tracking methods in the future.</p> <p>Based on this estimate, our total Scope 1 emissions for the 2024 period are 2,470 kg CO₂e.</p>
Scope 2	<p>Since we do not own our own clinic, we do not have any Scope 2 data.</p> <p>Our total Scope 2 emissions for the 2024 period are 0 kg CO₂e.</p>

Carbon Reduction Plan 2024

Scope 3

Our staff primarily work out of NHS clinics and NHS Open Spaces within the communities we serve. As we do not directly manage these facilities, we have used NHS benchmarks to estimate electricity, gas, and water usage associated with our operations in these locations. Moving forward, we aim to improve the accuracy of our data by working closely with each clinic to identify our actual resource usage and explore opportunities for reduction.

Based on our estimates, FTE employees who travel regularly for work live an average of 10–15 miles from their workplace, and the remainder primarily rely on a combination of trains and buses.

Activity	Type	Unit	Amount	Emission Factor	kgCO ₂ e
Managed Assets	Electricity	kWh	4251.42	0.20705	880.26
Managed Assets	Gas	kWh	8502.85	0.20264	1723.02
Managed Assets	Water Supply	Cubic Metres	143.00	0.15311	21.89
Managed Assets	Water Treatment	Cubic Metres	143.00	0.18574	26.56
Activity	Type	Disposal	Amount (tonnes)	Emission Factor	kgCO ₂ e
Waste	General	Combustion	5.50	6.41061	35.26
Waste	Recycling	Open-Loop	5.50	6.41061	35.26
Waste	Medical	Combustion	5.50	6.41061	35.26
Activity	Type	Fuel	Distance (miles)	Emission Factor	kgCO ₂ e
Employee Commuting	Car - Medium	Diesel	11544	0.16807	1940.20
Employee Commuting	Car - Medium	Petrol	2496	0.17726	442.44
Employee Commuting	Bus - Local	Bus	30,750	0.12999	3997.19
Employee Commuting	Rail - National	Rail	30,750	0.03546	1090.40
Employee Commuting	Car - Medium	Electric	520	0	0.00
Activity	Type	Fuel	Distance (km)	Emission Factor	kgCO ₂ e
Deliveries	Van - Class II	Diesel	2112	0.18832	397.73
Total kg CO₂e					10,625

To estimate the emissions generated from our waste, we have applied an average of 500 kg of waste per employee per year. This includes general, recycling and medical waste from our operations. For water supply and

Carbon Reduction Plan 2024

	<p>treatment at our offices, we have used an estimated consumption of 13m³ per employee.</p> <p>To estimate the emissions from employee commuting by public transport, we calculated the total annual mileage for our 11 employees who use public transport, assuming an average commute distance of 12.5 miles each way. With the majority commuting five days a week, the total annual mileage adds up to approximately 71,500 miles. Using average emissions data for rail and bus travel, we applied the relevant emission factors to estimate the associated carbon footprint. These calculations help provide a clearer picture of the impact of employee commuting and will guide future efforts to reduce emissions in this area.</p> <p>Currently, we do not directly record data on deliveries. However, to provide the best possible estimate, we have used average vehicle data from our Croydon-based local delivery provider, Advanced Suppliers, along with their distance from our office, to calculate our associated emissions. In the future, we aim to work more closely with our delivery partners to obtain more accurate data and identify ways to reduce our delivery-related carbon footprint.</p> <p>Our total Scope 3 emissions for the 2024 period are 10,625 kg CO₂e.</p>
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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 5313 kg CO₂e
- 2040: Target of 75% Carbon reduction to 2656 kg CO₂e
- 2045: Target of 100% Carbon reduction to Net Zero

Carbon Reduction Plan 2024

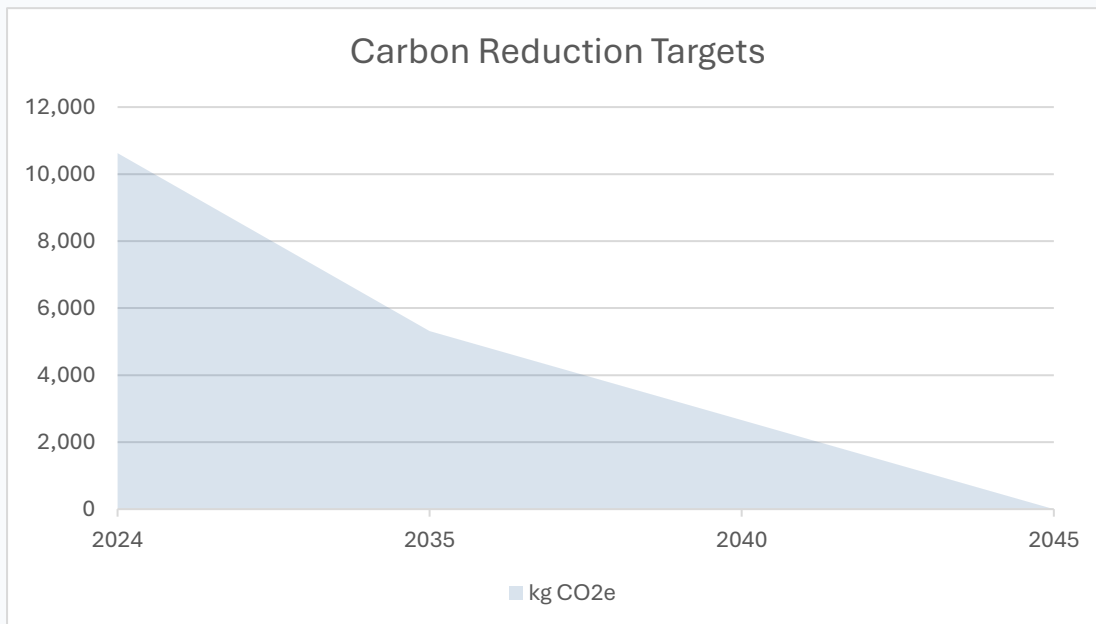


Figure 1: Our carbon reduction targets by year
Carbon reduction projects

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. We aim to improve our data tracking and monitoring processes to improve the quality and accuracy of the carbon related data in future years.

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 CO₂ emissions through the purchase of equivalent carbon emissions credits from an International Carbon Reduction & Offset Alliance (ICROA) provider

Scope 2 actions

- Collaborate with our NHS facility managers to explore the feasibility of implementing energy management systems, offering support in identifying funding opportunities or case studies showcasing efficiency gains
- Encourage our premises providers to invest in power management policies for hardware such as laptops, PCs and printers by demonstrating real-world benefits
- Offer staff training and awareness sessions on best practices for energy conservation, ensuring that power management settings are properly configured and consistently used across devices

Carbon Reduction Plan 2024

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 our Cycle to Work scheme and actively encourage more participation through informative talks and printed guidance

Managed assets (NHS clinics and Open Spaces)

We currently operate in 14 NHS clinics and open spaces, successfully reducing our carbon footprint by maximising the use of existing healthcare infrastructure rather than opening new sites. By integrating into NHS facilities, we avoid the additional emissions associated with constructing and maintaining separate locations, helping to reduce overall energy consumption and resource use across the healthcare system.

To further enhance our sustainability efforts, we aim to:

- Continue using NHS clinics and Open Spaces to minimise environmental impact
- Collaborate with NHS facilities to obtain more accurate data on energy and water usage
- Identify opportunities for efficiency improvements within NHS spaces, such as enhanced heating/cooling management, energy-efficient lighting and water conservation initiatives

Waste management and reduction

- Work towards a paperless office
- Work with our waste management provider to ensure we prioritise sustainability
- Complete waste audits to maximise recycling and minimise waste production
- For non-recyclable waste we will establish relationships with local energy recovery facilities
- Promote water conservation practices by providing training and guidance to staff on reducing water waste in daily operations, such as reporting leaks, using water-efficient practices, and raising awareness of conservation strategies

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.

Carbon Reduction Plan 2024

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 Croydon GP Collaborative:

Name: Natalie Lemans

Position: Finance Director

Date: 20th March 2025