



Carbon Reduction Plan

Supplier name: Phoenix Health Solutions Ltd

Emission Reporting Year: 2024/2025

Publication date: May 2026

Commitment to achieving Net Zero

Phoenix Health Solutions Ltd is committed to supporting the NHS Net Zero agenda, aligning with NHS England's targets to achieve Net Zero for direct emissions (NHS Carbon Footprint) by 2040 and indirect emission (NHS Carbon Footprint Plus) by 2045.

The Green plan is our commitment to reduce our impact on the environment and to deliver sustainable healthcare, helping to secure better health, for life for generations to come. We will work with patients, staff, local communities and partners to put our organisation on a path to a cleaner, greener, healthier and more equitable future.

Baseline Emissions Footprint

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: 2022/2023	
Additional Details relating to the Baseline Emissions calculations.	
Due to the quality of data available, 2023 year was determined as the most appropriate baseline year for measuring emissions.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	11.29
Scope 2	78
Scope 3 (Included Sources)	120.1
Total Emissions	209.39



Emissions Reduction Summary

Reporting Year	Total Emissions
2022/2023 Baseline	209.39 tCO ₂ e
2024/2025 Current	149.77 tCO ₂ e
Reduction Achieved	59.62 tCO₂e

This represents a reduction of approximately 28% against the 2022/2023 baseline emissions.

Current Emissions Reporting

Reporting Year: 2024/2025	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	15.66
Scope 2	18.91
Scope 3 (Included Sources)	115.2
Total Emissions	149.77

Included Scope 3 sources currently include water consumption, waste management, procurement and operational activities

Emissions have been calculated using the UK Government GHG Conversion Factors for Company Reporting.

The reduction in emissions during 2024/2025 reflects continued investment in energy efficiency measures, renewable energy generation, digital transformation initiatives and improved environmental management practices across the organisation.



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Progress Statement

Phoenix Health Solutions Ltd has continued to reduce its operational carbon footprint through improved energy efficiency, increased use of renewable solar energy, digital transformation initiatives and reduced electricity consumption.

Emissions reduction targets

We are committed to identifying ways to support the reduction of our carbon footprint and although the majority of our costs are people related, we continue to seek new ways to reduce our impact on the environment.

To continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets:-

- Reduce our carbon emissions as much as possible to net zero by 2035
- Reduce our water consumption by 20% by 2030
- Change to reusable cups in the endoscopy unit
- Deliver net zero training to all staff
- Look at ways to recycle clinical waste
- Increase uptake on cycle to work scheme
- Reduce our carbon footprint of medicines that have a high global warming potential (GWP) at the point of use (Entonox, CO2 etc) by at least 20%
- Develop sustainable prescribing models and support patients to use their medication optimally, reducing medicines waste
- Implement evidence based good practice with clinical teams to reduce carbon
- Increase the uptake of virtual appointments
- Increase the number of patients added to a PIFU pathway
- Ensure all staff are supported to work collaboratively with partners and suppliers to drive down our carbon footprint

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

We have already undertaken and completed a wide range of carbon reducing projects prior to launching our Green Plan and these have laid the foundations for securing future benefits.

Our carbon reducing projects in the last two years have included the following:-

Digital Transformation

Replacement of paper notes and upgrade to a new patient administration system (PAS) that reflects hospital processes and improves digital maturity. This has enabled us to become a largely paper free organisation. The system is a key information system for patient records at PHS and covers most aspects of the delivery of patient care.

The benefits include:-

A better patient experience – Patients only needing to tell their story once rather than multiple times



Integrated records – A better picture of patients care for the clinical team and through data sharing with GP and community services.

Visible and timely data – Data accessible and updated in real time. Patient data can be accessed online alongside the ability to acknowledge and endorse results quicker. This reduces the amount of paper involved in recording information.

Efficiency – Up-to-date information at the fingertips, with observations recorded electronically and visible in real time therefore less searching for paper records.

Time Saving – Patients notes recorded digitally promoting legible and clear orders. Digital transformation and less paper processing – Reduction in PHS carbon footprint, for example reducing paper based communications.

Further digital enhancements such as increased use of virtual and telephone clinics have improved access to services. Some staff deliver clinics from home via telephone meaning less travel to work, reducing associated travel related carbon emissions.

Increased use of virtual consultations and digital patient communication has continued to reduce paper usage and travel related emissions.

Travel and Transport

The majority of our staff live locally so either walk to work or travel a short distance by car. We are currently in the process of registering for the Cycle to Work Scheme. We propose to look at provision to secure bicycles so that staff can cycle to work in order to reduce our vehicle CO2 emissions.

Estates and Facilities

PHS has recently installed LED lights throughout the building as part of capital investment which in turn has reflected in a reduction in energy usage.

All older inefficient boilers have been upgraded over the last two years with more energy efficient systems, resulting in improved operational efficiency and reduced energy consumption across the organisation.

Solar panels were installed October 2023 and this is where the majority of our energy usage is now sourced from.

Our endoscopy ventilation system was upgraded recently and is therefore more energy efficient.

Our endoscopy washers were newly installed in December 2023 and are more energy efficient and use less water than the previous older equipment. We have improved our water efficiency by reducing consumption and waste and through adopting best practice in efficient standards and innovations. This includes drinking water, water used for hygiene and cleaning equipment.

The air conditioning unit in the endoscopy department was replaced in 2024 and this is now more energy efficient.



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During the 2024/2025 reporting year, Phoenix Health Solutions Ltd achieved a reduction in electricity consumption through continued use of solar generated energy, upgraded energy efficient equipment and improved energy management across the site. Total electricity consumption during 2024/2025 was reduced to 91,351 kWh. Gas consumption was monitored and managed through continued boiler efficiency improvements and replacement of older infrastructure. Total gas consumption during 2024/2025 was 85,631.4 kWh.

Environmental and Waste Management

Our recycling initiative has been extended to include the collection of aluminium cans, glass and plastic bottles from collection points in the building. Our waste paper is collected separately and sent to be recycled.

Our endoscopy unit uses recyclable cups which are thrown away and this takes a considerable amount of time to decompose. Independent studies have shown that by choosing reusable cups when compared to recyclable cups can significantly reduce carbon footprint and reduce waste. This is something that we implemented during 2025.

Water consumption reduction initiatives have continued across the organisation through the use of energy and water efficient endoscopy equipment and adoption of best practice water management processes. Total water consumption for 2024/2025 was 1,133m³.

Phoenix Health Solutions Ltd has implemented a food waste recycling scheme in partnership with Refood Pure Bioenergy as part of its commitment to reducing waste and supporting sustainable environmental practices. Food waste generated across the organisation is collected and processed through anaerobic digestion, where it is converted into renewable energy and nutrient rich fertiliser.

The renewable energy generated is supplied to homes and businesses, supporting the transition towards cleaner and more sustainable energy sources. The fertiliser produced through the ReGrow process is certified to PAS110 standards, ensuring it is safe, regulated and suitable for agricultural use. The fertiliser is then used to improve soil health and support the growth of future food crops, contributing to a circular economy approach by returning valuable nutrients back to the land.

Supply Chain and Procurement

We seek to source products locally and order products where possible from local pharmacies. Elsewhere we use NHS supplies for our medical supply chain which is ISO 14001 Internal Environmental Management System Standard accredited at each of its distribution centres.

Medicines

We will reduce our carbon footprint of medicines that have a high global warming potential (GWP) at the point of use (Entonox, CO₂ etc) by at least 20% and develop sustainable prescribing models and support patients to use their medication optimally, reducing medicines waste.



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Sustainability Progress During 2024/2025

During 2024/2025, Phoenix Health Solutions Ltd continued to make progress in reducing its environmental impact through reduced electricity consumption, improved energy efficiency, lower water usage, continued digital transformation, replacement of inefficient equipment and increased contribution from solar generated energy.

Phoenix Health Solutions Ltd continues to support the NHS Net Zero agenda through ongoing investment in sustainable infrastructure, digital innovation and environmentally responsible healthcare delivery. During 2024/2025, the organisation achieved reductions in electricity consumption and continued to embed sustainability initiatives including energy efficiency improvements, virtual clinics, paper-free working and sustainable prescribing practices.

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 Medical Director.

Signed on behalf of Phoenix Health Solutions Ltd:

DR C TOBIN
Medical Director

Date: 27/5/26

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>