



VULCAN HEALTHCARE LTD

Carbon Reduction Plan

Company number [UK] **13076972**

Registered office address

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Website: [Vulcan Healthcare Ltd](https://www.vulcanhealthcare.co.uk)

Introduction

Vulcan Healthcare LTD is firmly committed to environmental sustainability and recognises the urgent need to reduce its carbon footprint. This initial carbon reduction plan outlines our strategic approach for the year 2022, based on available estimates and industry averages. While our data accuracy will continue to improve with time, this plan serves as a solid foundation for our journey towards net-zero emissions by 2040.

Our dedication to quality management and information security is evident through our ISO 9001 and Cyber Essentials certifications. These certifications underscore our commitment to operational excellence and data protection, which are essential components of a sustainable business.

As we embark on our carbon reduction journey, we have conducted an initial assessment of our carbon emissions for the year 2022. Due to the limitations of accurate data, we have relied on industry averages to estimate our emissions. Our preliminary analysis indicates that our total emissions for 2022 are estimated to be 571.8066 metric tons of CO2 equivalent.

This initial assessment provides a baseline for our future efforts. We will continue to refine our data collection and analysis methods to ensure that our carbon reduction strategies are informed by accurate and up-to-date information. By actively tracking our progress and making necessary adjustments, we aim to achieve our ambitious goal of net-zero emissions by 2040..

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Commitment to achieving Net Zero by 2040

Net Zero by 2040: Our long-term commitment is to achieve net-zero carbon emissions by 2040. To attain this target, we will continually refine our carbon reduction strategies, invest in carbon offset programs, and adopt emerging technologies and practices aligned with our environmental goals.

Baseline Emissions Footprint 1st Jan – 31st Dec 2022

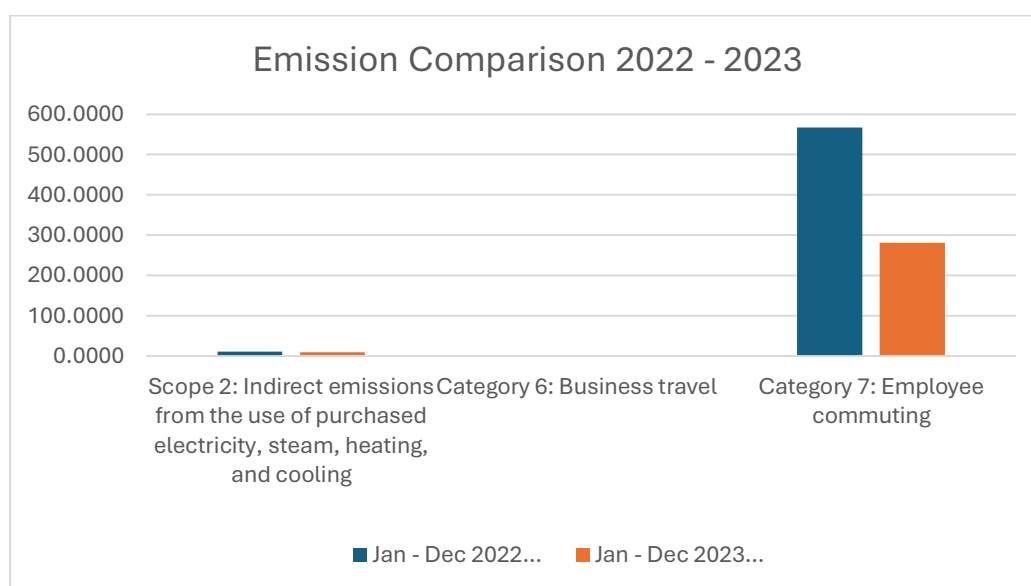
Scopes and categories	Metric tons CO ₂ e
Scope 1: Direct emissions from owned/controlled operations	0.0000
Scope 2: Indirect emissions from the use of purchased electricity, steam, heating, and cooling	10.7790
Scope 3: emissions	
Category 1: Purchased goods and services	0.0000
Category 2: Capital goods	0.0000
Category 3: Fuel- and energy-related activities (not included in scope 1 or scope 2)	0.0000
Category 4: Upstream transportation and distribution	0.0000
Category 5: Waste generated in operations	4.2562
Category 6: Business travel	0.0000
Category 7: Employee commuting	567.5504
Category 8: Upstream leased assets	0.0000
Category 9: Downstream transportation and distribution	0.0000
Total	582.5856

Current Emissions Reporting 1st Jan – 31st Dec 2023

Scopes and categories	Metric tons CO ₂ e
Scope 1: Direct emissions from owned/controlled operations	0.0000
Scope 2: Indirect emissions from the use of purchased electricity, steam, heating, and cooling	10.2300
Scope 3: emissions	
Category 1: Purchased goods and services	0.0000
Category 2: Capital goods	0.0000
Category 3: Fuel- and energy-related activities (not included in scope 1 or scope 2)	0.0000
Category 4: Upstream transportation and distribution	0.0000
Category 5: Waste generated in operations	4.2562
Category 6: Business travel	0.0077
Category 7: Employee commuting	280.6656
Category 8: Upstream leased assets	0.0000
Category 9: Downstream transportation and distribution	0.0000
Total	295.1595

- ❖ The decrease in emissions from Category 7 (Employee Commuting) between January-December 2022 and January-December 2023 was primarily attributed to the expiration of several contracts during this period. In addition, we have implemented policies to address emissions in this area, including employee training on the preferred use of public transportation and carpooling over personal vehicles.

Comparison of Emissions 1st Jan – 31st Dec 2022 to 2023



Zero Emissions reasons

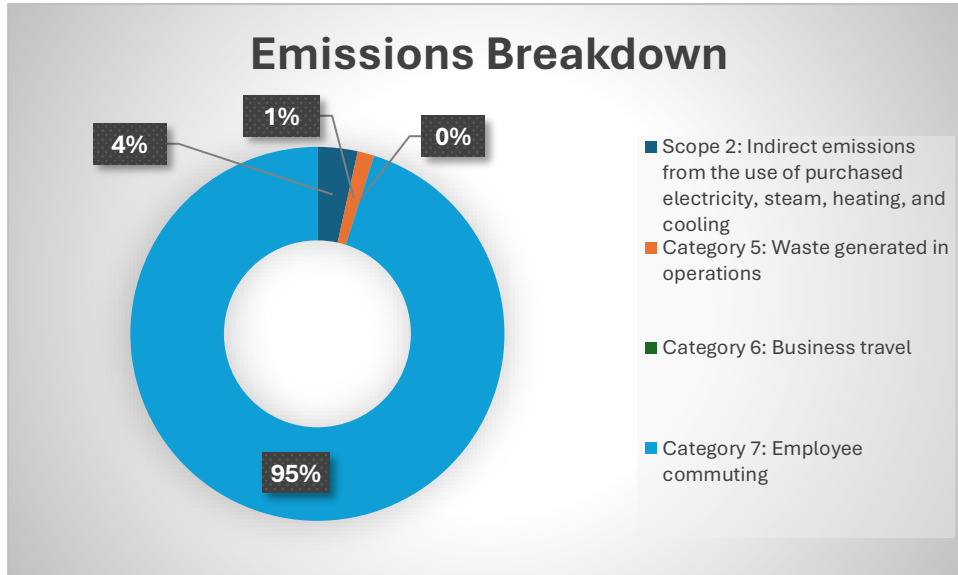
Scope 1 (Direct Emissions): Our business operates within restrictive processes that do not generate direct emissions. As we do not own or control any combustion equipment or facilities, we have no direct emissions from owned or controlled sources, ensuring zero Scope 1 emissions.

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): Our landlord currently handles waste management as part of our all-inclusive rent. We are awaiting information regarding this service and will disclose any associated emissions once we can identify the provider.

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.

Current Emissions distribution



Based on the figure above, employee commuting (Category 7) remains our primary source of emissions. Given the 24/7, 365-day nature of our healthcare services, reducing emissions in this area is challenging. We have implemented measures to mitigate emissions, but significant reductions may not be feasible. As we continue to monitor emissions, we will explore viable options for further reducing emissions in this area over time. 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.

Emissions reduction targets

Based on the emissions data for Jan-Dec 2022 and Jan-Dec 2023, we have identified some potential emission reduction targets:

Short-Term Targets (2023-2025):

- **Reduce Category 7 (Employee Commuting) emissions by 20%:** We will achieve this through further promotion of public transportation, carpooling, and potentially implementing a hybrid work model.
- **Maintain or slightly reduce Scope 2 emissions:** Explore energy-efficient technologies and renewable energy sources to reduce the carbon footprint of electricity, steam, heating, and cooling where possible.
- **Reduce waste generated in operations (Category 5) by 10%:** Implement waste reduction strategies like recycling, composting, and reducing single-use items.

Medium-Term Targets (2025-2030):

- Achieve a 30% reduction in overall emissions compared to 2022 levels.
- Transition to a fully electric or hybrid fleet for company vehicles.

Long-Term Targets (2030+):

- Achieve net-zero emissions.
- We will develop a comprehensive sustainability strategy that integrates environmental, social, and governance (ESG) factors.

Key Considerations:

- **Cost-benefit analysis:** We will evaluate the potential costs and benefits of each reduction measure to ensure they are financially viable and effective.
- **Collaboration:** We are in the process of engaging with employees, suppliers, and stakeholders to develop and implement reduction strategies.
- **Monitoring and reporting:** We will track progress towards targets and report on emissions reductions to stakeholders.
- **Innovation:** We are also looking to explore new technologies and practices that can help reduce emissions and improve sustainability.

Carbon Reduction Initiatives

We are currently exploring the feasibility of the following measures.

Employee Commuting (Category 7)

- **Promote public transportation:** Provide subsidies or incentives for employees to use public transportation.
- **Encourage carpooling:** Develop a carpooling platform or program to match employees with similar routes.
- **Implement a hybrid work model:** Allow employees to work remotely part-time to reduce commuting emissions.
- **Provide bike-to-work facilities:** Install bike racks and offer bike-sharing programs.
- **Educate employees on sustainable transportation:** Conduct workshops or training sessions on the benefits of sustainable transportation options.

Scope 2 Emissions (Indirect Emissions)

- **Upgrade HVAC systems:** Replace outdated HVAC systems with energy-efficient models.
- **Optimise building energy management:** Implement energy management systems to monitor and control energy consumption.
- **Switch to renewable energy sources:** Explore opportunities to purchase renewable energy certificates or invest in on-site renewable energy generation (e.g., solar panels).
- **Improve lighting efficiency:** Replace inefficient lighting fixtures with LED lights.
- **Reduce water consumption:** Implement water-saving measures in facilities.

Waste Generated in Operations (Category 5)

- **Implement waste reduction programs:** Reduce the amount of waste generated through recycling, composting, and waste reduction initiatives.
- **Purchase sustainable products:** Choose products with minimal packaging and made from recycled materials.
- **Educate employees on waste reduction:** Conduct training sessions on proper waste disposal and recycling practices.
- **Donate excess materials:** Donate unused or surplus items to local charities or organisations.

Business Travel (Category 6)

- **Optimise travel schedules:** Plan travel efficiently to minimise the number of trips and maximise productivity.



- **Use video conferencing:** Conduct meetings and conferences virtually whenever possible.
- **Choose sustainable travel options:** Encourage employees to select airlines and accommodations with sustainable practices.
- **Consider carbon offsetting:** Purchase carbon offsets to mitigate the emissions associated with business travel.

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 Vulcan Healthcare LTD:

A handwritten signature in black ink that reads 'R. Fisher'.

Ryan Fisher

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Date: 01/01/2024

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>



Department responsible for the upkeep of this document: Operation Dept