

Carbon Reduction Plan

Supplier name: University Hospitals Bristol and Weston NHS Foundation Trust

Publication date: 15th February 2024

Commitment to achieving Net Zero

University Hospitals Bristol and Weston NHS Foundation Trust is committed to achieving Net Zero emissions by 2030.

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: 2014/15	
Additional Details relating to the Baseline Emissions calculations.	
Baseline emissions relates to the 2014/15 financial year.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	14,169
Scope 2	15,133
Scope 3 (Included Sources)	133,093
Total Emissions	162,396

Current Emissions Reporting

Reporting Year: 2022/23	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	19,378
Scope 2	1,181
Scope 3 (Included Sources)	141,895
Total Emissions	162,454

Emissions reduction targets

The Trust has a Target for achieving net zero by 2030 as outlined in our Green Plan.

<https://www.england.nhs.uk/south/our-work/greener-nhs-south-west/bristol-north-somerset-and-south-gloucestershire/>

Carbon Reduction Projects

Since the 2014/15 baseline year we have:

- Started to transition our own fleet of vehicles from internal combustion engine to electric power.
- Removed the use of Desflurane from our anaesthetics operations.
- Begun to remove Nitrous Oxide manifold systems to reduce our usage.
- Begun to install volatile gas capture technology for anaesthetic medicines.
- Begun to replace domestic gas boilers with heat pumps.
- Installed solar PV arrays across some of our estate.

In the future we hope to implement further measures such as:

- Fully transitioning our entire owned fleet to electric vehicles.
- Fully remove all Nitrous Oxide manifolds from our estate.

- Install volatile gas capture technology on 100% of our anaesthetics machines.
- Replace all domestic sized gas boilers with heat pumps.
- Install more solar PV arrays where possible.

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.

The information contained within this Carbon Reduction Plan was taken from data used to calculate emissions first published in our Annual Report 22/23 which was approved by the Trust Board on 15th June 2023 and published in July 2023.

Signed on behalf of the Supplier:

.....Andrew Jeanes – Director of Estates and Facilities.....

Date: 08/02/2024

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>