

Carbon Reduction Plan 2025

Supplier name: ...SHJ Hospital Pipelines Ltd.....

Publication date: ...April 2026... ..

Commitment to achieving Net Zero

SHJ Hospital Pipelines Ltd is committed to reaching net zero by 2040 for the emissions we control directly and by 2045 for the emissions we influence, which includes all the emissions from our supply chain.

To align with the Science Based Targets initiative (SBTi) 1.5°C pathway, we would aim to reduce our absolute Scope 1 and 2 greenhouse gas emissions by at least 42% by 2030 and approximately 65% by 2035, from our 2021 baseline. Current progress shows that we are on track to meet these targets.

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: 2021	
Additional Details relating to the Baseline Emissions calculations.	
<p>Our baseline emissions were assessed for the first time as part of our ISO 14001 accreditation and are based on:</p> <ul style="list-style-type: none"> - fuel (diesel and petrol) consumed by the organisation in its sites and owned vehicles based on information derived from bills and fuel cards - Electricity and natural gas used on our sites based on utility bills <p>The reported data is based on the average of 9 months data to September 2021 extrapolated to 12 months. No Scope 3 emissions have been reported</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	229
Scope 2	22

Scope 3 (Included Sources)	Not assessed
Total Emissions	251

Emissions have been calculated each year following the baseline year of 2021 and are shown in the table following. We are gradually improving the scope 3 emissions reporting. The increase in scope 1 and 2 emissions for 2024 were due to electricity supply contracts being issued to non-green energy suppliers and an increase in vehicle usage.

The electricity contracts are being returned to 100% green energy contracts as existing contracts expire and are renewed.

Where practical vehicles are being changed to hybrid and full electric vehicles during the normal vehicle replacement programme and this is having a noticeable effect on fuel usage.

The use of full electric vehicles for mobile technicians is not yet a practical option in all cases.

Emissions Reporting

Reporting Year:	2021	2022	2023	2024	2025
EMISSIONS					
Scope 1	229	217.524	121.797	254.096	115.957
Scope 2	22	22.657	1.785	21.456	19.1
Scope 3	Not assessed	Not assessed			
Waste, water			3.203	4.623	6.410
Staff Travel (cat 7)			-	-	16.33
Total Emissions (tCO2e)	251	240.181	126.785	280.175	157.797

Emissions reduction targets

Scope 1 Emissions :
Fuel used in company vehicles

Scope 2 Emissions :
Electricity and gas used to heat/cool company premises

Scope 3 Emissions:

Waste/water volumes/mass - taken from waste disposal certificates and water bills

Disposal Method - Information from Waste disposal companies

Staff Travel to and from work

Emission Factors - WRAP Table 14: Carbon WARM, unnormalized values (kg.CO2e/tonne).

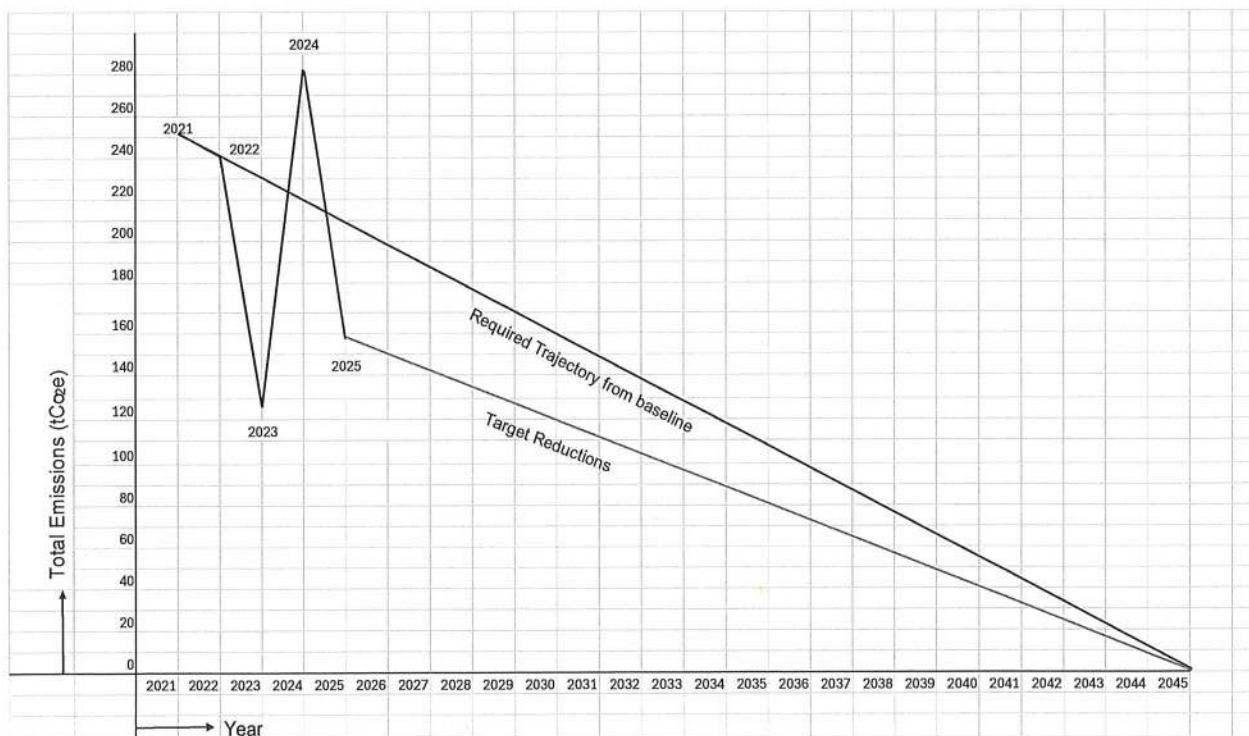
These take into account waste recycling.

There has been a significant reduction in recorded emissions over the 2025 period, mainly in scope 1 emissions. Whilst improvements have been made with vehicle routing, vehicle use management and the change to full electric and hybrid vehicles we have also improved data collection leading to greater accuracy in reporting.

There has been a small reduction in scope 2 emissions resulting from the gradual change over to green electricity tariffs and the full year effect of the installed solar panel installations. Further solar panel installations were completed in early 2026 which should have a significant impact on the scope 2 emissions during the 2026 year.

We are gradually expanding the range of our scope 3 emission reporting and have included staff commuting in the current report.

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction target as shown on the following graph (blue line). The graph below includes scope 1, 2 and 3 emissions:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2021 baseline. The carbon emission reduction achieved by these schemes carried out during 2022 and 2023 amounted to a 47.2% reduction in emissions. Unfortunately during 2024 emissions increased due to electricity supply contracts being issued to non-green energy suppliers and an increase in vehicle usage.

The following environmental management measures and projects that have been completed or implemented since the 2021 baseline are as follows. A number of these are monitored and reported on by our appointed environmental champions.

- Electrification of company vehicles – A further Petrol/diesel vehicles have been sold and replaced with additional electric and petrol/electric hybrid vehicles.
- “Fleetcheck” software continues to be used to monitor vehicle movements and monitor fuel usage.
- Introduction of a vehicle no idling policy
- Reduction in travel using video conferencing
- Management of our waste management system which is achieved through separate waste bins within our offices including for batteries, coffee pods, water filter cartridges. Coffee pods are recycled.
- Reuse of cardboard packaging
- Photocopying is monitored and controlled by photo card.
- Paper use is monitored and recycled paper used.
- Replacement of thermostats on radiators that were non-operational
- Hand soap is being purchased in larger bottles to reduce single use plastics.
- Further the use of electricity providers that supply only green energy as and when supply contracts are renewed. This slipped back during 2024 but improved during 2025.
- Installation of Solar Panels on units 4 and 9 completed in July 2023

Solar panels have been installed on Chesham unit 5 and the systems on units 4 and 9 have been upgraded including battery storage. We are seeing a dramatic reduction in electricity usage with the new solar systems. The full effect will be seen in the 2026 report.
- All A/C units maintained, no refrigerant usage.
- Change over of fluorescent lighting to LED lighting.

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 standard and uses the appropriate Government emission conversion factors for greenhouse gas company reporting .

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 as far as possible 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 managing director.

Signed on behalf of the Supplier:



..... Position - Managing Director

Date: 8/4/2026

