

Carbon Reduction Plan

Supplier name: SHJ Hospital Pipelines Ltd

Publication date: 6th January 2022

Commitment to achieving Net Zero

SHJ Hospital Pipelines Ltd 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: 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	1.4726
Scope 2	2.1972
Scope 3 (Included Sources)	Not assessed

Total Emissions	3.6698
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Current Emissions Reporting

Reporting Year: 2022	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	Not yet assessed
Scope 2	Not yet assessed
Scope 3 (Included Sources)	Will not be assessed
Total Emissions	Not yet assessed

Emissions reduction targets

A further review will be undertaken in October 2022.

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets from our base year of 2021.

We project that carbon emissions will decrease over the next five years to 3.3 tCO₂e by 2026. This is a reduction of 10%

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 have not yet been calculated but will be reviewed in October 2022 and the measures will be in effect when performing the contract

- Electrification of company vehicles – Petrol/diesel vehicles have been sold and replaced with 4 electric vehicles. New fleetcheck software has been introduced to monitor fuel usage.
- Introduction of water coolers has reduced bottled water consumption by 50%
- Reduction in travel using video conferencing

- We operate a waste management system which is achieved through separate waste bins within our offices including for batteries, coffee pods, water filter cartridges
- Reuse of cardboard packaging
- Photocopying is monitored and controlled by photo card.
- Paper use is monitored and recycled paper used.
- Reduction in gas consumption by introducing heat pumps.
- Replacement of thermostats on radiators that were non operational
- Hand soap is being purchased in larger bottles to reduce single use plastics.

within the next 12 months we will implement the following measures:

- Introduction of a no idling policy (linked to fleetcheck software)
- Proposed plan to introduce vehicle cameras that will monitor idling
- Maintain the use of electricity providers that supply only green energy
- Investigating installation of solar panels - install to unit 4 within the next 12 months
- Introduction of further electric vehicles in line with vehicle replacement programme
- increased use of LED Lighting and introduction of photocells in all occupied premises
- Investigate installation of air to water heat pumps as replacement of gas boilers.
(note: reverse cycle refrigeration units are currently installed in offices and we will review the economics of using these for heating)

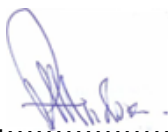
Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Scope 1 and Scope 2 emissions have been reported.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of the Supplier:



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Date:6th January 2022.....