

Carbon Reduction Plan

Completed using PPN-0621 technical standard and guidance 2019

Supplier name:Circle Health Holdings Ltd.....

Publication date:24th July 2023.....

Company Structure

Circle Health Holdings Ltd, registration 10543089, for the purposes of this document includes but is not limited to the following Healthcare premises:

Company	Registration Number
CHG Management Services Ltd	05042771
Circle Health Group Ltd	02164270
Circle Hospital (Reading) Ltd	06995585
Circle Rehabilitation Services Ltd	10527747
Circle Clinical Services Ltd	07714059
BMI Three Shires Hospital LLP	OC398963
BMI Southend Private Hospital Limited	05155289
BMI Syon Clinic Limited	05706302
BMI Imaging Clinic Limited	05706274
Mount Alvernia PET CT Limited	05750788
The Pavilion Clinic Limited	06061941
Meriden Hospital Advancing Imaging Centre Limited	05607465
North West Cancer Clinic Limited	05706220

Commitment to achieving Net Zero

Circle Health Holdings Limited is committed to achieving net zero by 2035 for scopes 1 and 2 and net zero for scope 3 by 2045.

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: 2020

Additional Details relating to the Baseline Emissions calculations.

The base year was calculated with support of an external consultant using all available data at that time. The 2020 year however was interrupted by the COVID19 pandemic and therefore the outputs were affected by this.

Any gaps identified at that time have been subsequently updated when data became available.

Circle Health Group		
GHG Baseline Reporting Year		2020
Total number of sites		54
		2020 Base Year
Scope		Tonnes tCO₂e Total
Scope 1 Total Emissions		21,201
Company Facilities Total		20,435
	Natural Gas	13,844
	Coal	851
	Gas Oil	193
	Fuel Oil	179
	LPG	14
	F-gas in Facilities	216
	F-gas N ₂ O for medical use	2,906
	F-gas PFCs for medical use	2,232
Company Vehicles Total		766
	Diesel	758
	Petrol	8
	Vehicle LPG	0.2
Scope 2 Total Emissions		11,701
	Grid Electricity	11,701
Scope 3 Total Emissions		99,884
Cat 1 - Purchased goods & services		93,701
Cat 3 - Fuel & energy related activities		3,369
Cat 5 - Waste generated in operations		2,661
Cat 6 - Business travel		153
Scope 3 Emissions (Downstream)		0
Total emissions/GHG baseline footprint		132,786

Since the initial footprint, improved data collection and collation has been implemented to resolve gaps in these areas, including 2020 data for medical F-gas, business travel, and updated data

for 2020 other medical gases (nitrous oxide, CO₂ and propane). These totals have been updated as part of the review exercise.

Base year emissions:

EMISSIONS	TOTAL (tCO₂e)
Scope 1	21,201
Scope 2	11,701
Scope 3 (included categories as above)	99,884
Total Emissions	132,786
tCO₂e per £million revenue	133

Current Emissions Reporting

Reporting Year: 2022	
Additional Details relating to the Baseline Emissions calculations.	
<p>A full footprint has not been completed in 2022 as it follows the data build up required for consistent SECR reporting, and the figures below are derived as follows:</p> <ul style="list-style-type: none"> • Scope 1 & 2 primary energy data as used for SECR and ESOS • Scope 1 F-gas in air conditioning primary data from re-gas records • Scope 1 F-gas for medical use primary data from purchasing • Scope 1 N₂O & other medical gases uplifted from 2021 figures in line with revenue • Scope 3 purchased goods and services uplifted slightly below revenue increase to reflect increased supplier costs over and above higher level of procurement • Scope 3 waste uplift in line with revenue • Scope 3 business travel data from expenses (comparable with 2020 data) 	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	17,861
Scope 2	11,759
Scope 3 (Sources as above)	107,381
Total Emissions	137,001
tCO₂e per £million revenue	125

Emissions reduction targets

Circle Health is continuing to grow, and therefore to progress towards Net Zero, we have adopted an emissions intensity approach using tCO₂e per £million revenue. The overall target, in line with the Independent Healthcare Provider Network (IHPN) is to reach Net Zero by 2035 for Scopes 1 and 2, and within scope 3 is to reach 95% reduction compared to base year intensity by 2045 with the remaining mitigated through verified insetting within the value chain or offsetting where this is not possible.

The base year emissions intensity was 133 tCO₂e/£million.

2021 saw an uplift in activity and therefore emissions due to increased patient procedures as the UK returned to normal following COVID-19. As there were additional requirements with increased associated energy consumption, and restrictions relating to access for improvement projects, the pace of emissions reduction could not be maintained through 2021 but has recovered to the trajectory for scope 1&2 emissions intensity.

Procurement emissions intensity in 2021-22 is not a fair reflection due to use of spend-based estimation which has been distorted by increased cost of products and services without any associated increase in emissions associated with most products. Further work is needed to obtain primary data from suppliers to allow accurate monitoring of procurement-associated emissions.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2020 baseline. The measures will be in effect when performing the contract.

- Improved air conditioning maintenance to minimise F-gas leaks and improve energy efficiency
- Progressive replacement of fluorescent lights with LED across all sites
- Monthly communication with all sites via Environmental Performance Pack which shows relative energy consumption and waste production (vs GIA) between hospitals. This is used to support site staff to explore their energy consumption and identify equipment management and behaviour change opportunities for immediate reduction as well as longer term projects for consideration.
- Optimisation programme in place for Building Management Systems across less efficient buildings to improve efficiency.
- 28% reduction in Desflurane usage compared to 2021
- EV charging installed at 16 sites (currently for visitor and occasional staff vehicles, prerequisite for reviewing fleet)

Future Carbon Reduction Initiatives

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

- Complete LED replacement program across remaining areas of sites
- Complete optimisation programme across all Building Management Systems to improve building heating cooling and ventilation efficiency.
- EV charging at remaining sites (5 currently planned in) and review of opportunities for EV fleet
- Review heating system for 1 no. site currently dependent on oil fired boiler plant, and 1no. site reliant on coal boiler plant. Options being considered include replacement of fuel source and replacement with lower emissions system.
- Once nationwide availability of sustainable HVO is secure, replace all diesel in generators with HVO

- Phase out of Desflurane except for specific long procedures (1 site) in 2023
- Phase down of N₂O anaesthetic except for paediatrics and specific procedures, removing from manifolds and using localised delivery
- Replace and consolidate older commercial boiler systems with modern systems to reduce both energy consumption and minimise losses.
- Replace or refurbish old window units to improve heat retention in winter and reduce solar gain in summer, both reducing energy consumption
- Explore gas capture systems for theatre extract systems to recover anaesthetic gases for recycling and prevent emissions
- Engage with suppliers regarding their own emissions reduction programmes and look to include in performance management for key contracts
- Holistic review of waste and procurement to develop a resource circularity approach which minimises waste through pro-active sourcing and ensures the highest proportion of waste practically possible for a hospital site is recycled.

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.

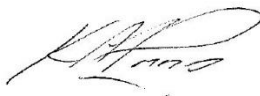
Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard³.

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

Signed on behalf of the Supplier:



Henry Davies
Chief Financial Officer



Karen Prins
Chief Operating Officer

Date: 4th August 2023
