



AFFORDABLE HEALTHCARE LTD CARBON FOOTPRINT 2024



Eco Sourcing Hub
REDUCE COSTS, EMISSIONS & RISKS



GENERAL INFORMATION

We are a doctor led practice specialising in Affordable Eye Health for all. Our motto is the Promotion of Health so that Disease is Prevented.

We are striving to build a practice centred around the patients' and the community's needs and well being- spreading awareness about eye diseases and raising the level of personal eye care amongst people- thus focussing more on prevention and timely management rather than fire-fighting at the last moment.



At Affordable Health Limited , we are committed to not only providing exceptional eye care but also to ensuring our operations are sustainable and environmentally conscious. We recognize the impact that businesses can have on the planet and are dedicated to reducing our carbon footprint. This report outlines our efforts to measure and manage the carbon emissions generated by our daily activities, including energy use, waste management, and supply chain practices. By actively pursuing greener alternatives and promoting sustainability in our community, we aim to contribute positively to both eye health and environmental well-being. Our commitment extends beyond patient care to fostering a healthier planet for future generations. Together, we can see a better world.

The purpose of this report is to disseminate the inventory of greenhouse gas emission with respect to consistency, comparability and completeness in the accounting procedures.

This report is intended for all stakeholders interested in the greenhouse gas emissions inventory and the associated reporting structure and explanations. All recipients are considered intended users.

This report:

- Covers the footprint of the entire organisation.
- Has been prepared in accordance with the requirements of the Greenhouse Gas Protocol reporting standards (Corporate Accounting and Reporting Standard, 2004; Corporate Value Chain Accounting and Reporting Standard, 2011).
- Endeavours to use primary data wherever possible but especially surrounding all major emissions sources. Where primary data is not available, a consistent and conservative approach to calculation is applied.
- Excludes specific targets as well as reports on greenhouse gas removals.

The reporting period covered in this document is 01/04/2023 to 31/03/2024. Next iteration of this footprint is expected to be of the same length, starting from the first day following this reporting period. Any deviation from this will be mentioned in communication at the time of publication.

 Additional details on the activities of can be found on the company website.

ORGANISATIONAL BOUNDARIES

The organisational boundaries were drawn using the consolidation based on operational control approach. This approach considers all emissions that the organisation has operational control over, but not necessarily financial control.

The clinic operates with electric heater without any gas and does not have any vehicles, which is why there are no direct emissions for the year 2023/24.

No allocation percentage is used in the calculation of the emissions share of each subunit.



REPORTING BOUNDARIES

In this report 8 different sources of carbon emissions are considered, grouped in 3 blocks:

Electricity

Indirect emissions from the generation of purchased electricity, steam, heating, or cooling consumed by the reporting company.

1. Electricity - Emissions resulting from the generation of electricity, purchased by the company

Upstream

Indirect emissions that occur in the value chain related to purchased goods & services.

2. Goods & Services - Embedded emissions in purchased goods and services

3. Energy Supply - Embedded emissions in the purchase of fuels and energy in other activity categories

4. Transport Upstream - Emissions related to the transport of goods upstream of the production process or any transport purchased by the company

5. Waste - Emissions related to the disposal and processing of waste generated in operations

6. Business Travel - Emissions related to transportation of employees for business-related activities

7. Commuting - Emissions related to commutes of employees in vehicles not under control of the company

REPORTING BOUNDARIES

In this report 8 different sources of carbon emissions are considered, grouped in 3 blocks:



This includes all relevant sources of greenhouse gas emissions. These were selected based on their relevance to the organisation's operations and/or their relative size in the total footprint.

The excluded emission categories are listed here. All of these sources are identified as not applicable or not significant for the current reporting objectives.

8. Transport Downstream - Emissions related to the transport of goods downstream of the production process not paid for by the company

- Stationary Combustion
- Mobile Combustion
- Capital Goods
- Upstream Leased Assets
- Processing Of Sold Products
- Use Of Sold Products
- End Of Life Of Sold Products
- Downstream Leased Assets
- Franchises
- Investments



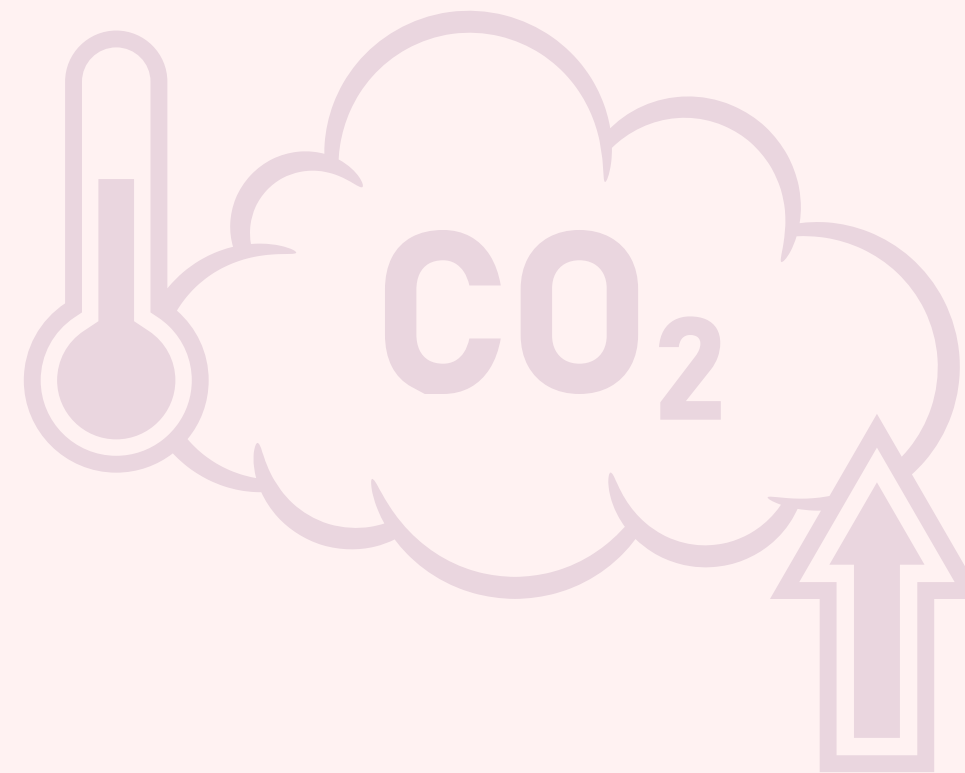
QUANTIFIED GHG INVENTORY

In the reporting period **Y23/24** the total emissions for the reporting organisation add up to **28 tCO₂e**.

The greenhouse gas emissions are expressed as tonnes of **CO₂-equivalent**.



GREENHOUSE
GAS PROTOCOL



METHODOLOGIES FOR THE COLLECTION AND QUANTIFICATION OF DATA

The emissions summary reflects the consolidation of emissions data according to the Greenhouse Gas Protocol reporting standards. These being the Corporate Accounting and Reporting Standard (2004) and the Corporate Value Chain Accounting and Reporting Standard (2011).

GHG CLASSIFICATION STRUCTURE

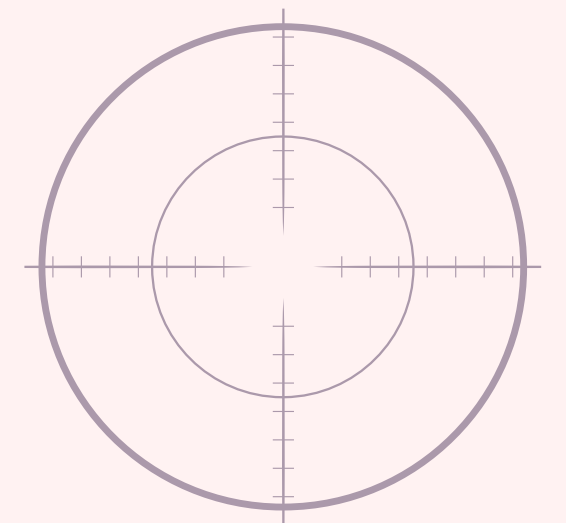
The reported GHG are aggregated into the following category groups at the organisational level

Scope 1 - Direct Emissions from operations

Scope 2 - Indirect emissions from the use of purchased electricity, steam, heating, and cooling

Scope 3 - Indirect emission in the value chain; further divided into upstream and downstream emissions

Carbon offsets are not reported in this report nor have they been subtracted from the total.



REPORTED GHG AND GWP

The following greenhouse gases are included in the analysis: carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), sulphur hexafluoride (SF₆), nitrogen trifluoride (NF₃), hydrofluorocarbons (HFCs) and perfluorocarbons (PFCs).

Emissions from these greenhouse gases are expressed in CO₂-equivalent (CO₂e) based on their global warming potential over a time horizon of 100 years (GWP100). The Greenhouse Warming Potential (GWP) values are based on the Intergovernmental Panel on Climate Change (IPCC) Fourth, Fifth or Sixth Assessment Report (AR4, AR5 or AR6), in accordance with the methodological choices of the emission factor publishers used in this report.

The emission factors for aviation were extended to include the additional effects of radiative forcing through the emission of gases and aerosols and changing cloud abundance. For this a central estimate for a multiplier to the GWP100 figure is used. This estimate tries to reflect the additional effect based on the best available scientific evidence, while being consistent with UNFCCC reporting convention. The total emissions in this report include electricity emissions using the market-based method. Travel emissions in this report include the effects of radiative forcing for aviation.

APPROACH TO EMISSION FACTORS

For each activity the most relevant and localised emission factor possible has been selected, at the discretion of the reporter. Apart from locality and relevancy, other considerations were the availability of emission factors and consistency in the selection of emission factor publications throughout the document.

A full list of emission factor publications used in this report can be found in the table below:

Publisher	Publication Version	Publication Date	URL
Exiobase	3.8.2	21/10/2021	link
UK.gov	v2023 1.0	15/05/2023	link
Association of Issuing Bodies	2022 v1.0	26/05/2023	link

Each emission factor used in the calculation has an assigned validity period overlapping or partially overlapping with the application period of the reported activity. The validity period of emission factors is determined by its publication document[1].

[1] In case the application period of the activity overlaps with the validity period of more than one emission factor, the median data of the activity period is used to determine which factor to use. (example if an activity stretches from August 2021 to July 2022, the median date is 29/01/2022)

APPROACH TO BASE YEAR REPORTING

The reporting period Y23/24 is the first GHG reporting period for, and counts as the base year for the current and future reporting cycles.

UNCERTAINTY ASSESSMENT

For this report a qualitative assessment of uncertainty has been applied. Seen that the effectiveness of a quantitative assessment would be limited due to a general lack of accurate uncertainty data. The applicability of these quantitative assessments will be reviewed in each subsequent reporting period.

Activity Group	Emissions	Uncertainty	Share of total emissions
Electricity	0.76	-20% to +24%	2.7%
Goods & Services	22.62	-44% to +80%	80.0%
Energy Supply	0.3	-16% to +19%	1.1%
Transport Upstream	<0.01	-25% to +33%	0.0%
Waste	0.66	-30% to +43%	2.3%
Business Travel	3.93	-28% to +39%	13.9%
Total GHG emissions	28.27	-38% to +60%	100.0%

REVIEW, INTERNAL AUDIT AND IMPROVEMENT

This emission inventory for reporting period has been compiled with highest attention for completeness and correctness.

CARBON EMISSIONS

Emission category	Scope	All GHG (tCO ₂ e)
Scope 1 - Direct Emissions from operations	Scope 1	0.00
Scope 2 - Indirect emissions	Scope 2	0.76
Purchased electricity market based	Scope 2	0.76
location based	Scope 2	0.46
Scope 3 - Indirect emission in the value chain	Scope 3	27.51
Upstream		
Purchased goods and services	Scope 3	22.62
Fuel- and energy-related activities	Scope 3	0.30
Upstream transportation and distribution	Scope 3	0.01
Waste generated in operations	Scope 3	0.66
Business travel	Scope 3	3.93
Employee commuting	Scope 3	0.01
Downstream		0.01
Downstream transportation and distribution	Scope 3	0.01
Total GHG emissions		28.28



Perfect
Focus

Affordable Eye Health

THANK YOU

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