



Carbon Reduction Plan

Supplier name: Medical Architecture

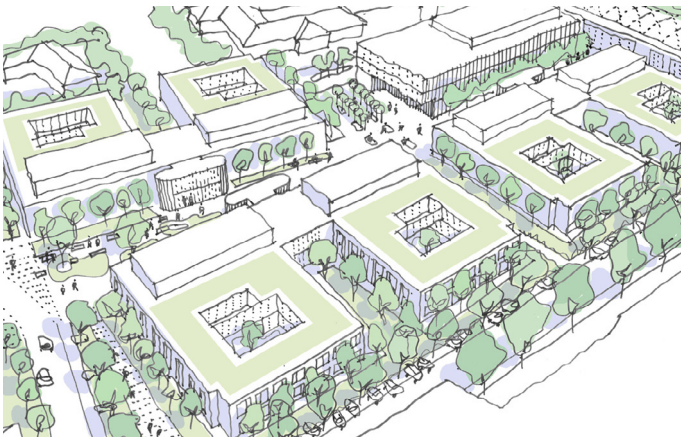
Publication date: July 2024

Commitment to achieving Net Zero

Medical Architecture is committed to achieving Net Zero emissions by 2050.

Medical Architecture have developed this Carbon Reduction Plan in accordance with the requirements of the Procurement Policy Note PPN 06-21 to evidence our practice-wide commitment to achieving net zero carbon by 2050 or earlier. It is written to closely correlate to our objectives and improvement aspirations within ISO 14001:2015 Environmental Management Systems.

The company recognises that we are in a Climate Emergency and have joined UK Architects Declare (Climate and Biodiversity Emergency) and RIBA 2030 Climate Challenge networks to contribute and participate in the profession’s initiatives and activity to rapidly reduce carbon.



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: Medical Architecture commenced our Net Zero Carbon Plan in 2022. However, as we have been ISO 14001 accredited since 2009, we had data available for earlier years and used that data to be able to set our base line from 2021.	
Baseline year emissions:	
Emissions	Total (tCO ₂ e)
Scope 1	0
Scope 2	11
Scope 3 (Included Sources)	25
Total Emissions	36

Current emissions reporting

Reporting year: 2023	
Emissions	Total (tCO ₂ e)
Scope 1	0
Scope 2	10
Scope 3 (Included Sources)	12
Total Emissions	22

Emissions reduction targets

In order to continue our progress to achieving Net Zero Carbon, we have adopted the following carbon reduction targets:

- Reduction of paper usage primarily by printing fewer documents including plans and using online versions for reviewing purposes as well as the use of Virtual Reality, QR codes and flythroughs to communicate 3D design concepts in the work we do.
- Reduction of electricity by using energy efficient appliances including computers.
- Reduction of travel as much as possible by using Microsoft Teams and other online meeting software, as this is also a more efficient use of resources, time and travel time. However, there are times when a project and/or the clients require face to face meetings and site visits to gain accurate information to measure, plan and design buildings. As we have offices in London and Newcastle, we can cover the whole of the UK with a reduced footprint. Flying abroad is sometimes necessary, when the project is based outside of the UK.
- In the work we do, Medical Architecture also assist clients – particularly those in the NHS – to try to reduce their own emissions through good design. A recent example for NHS England was designed in collaboration with Passivhaus design

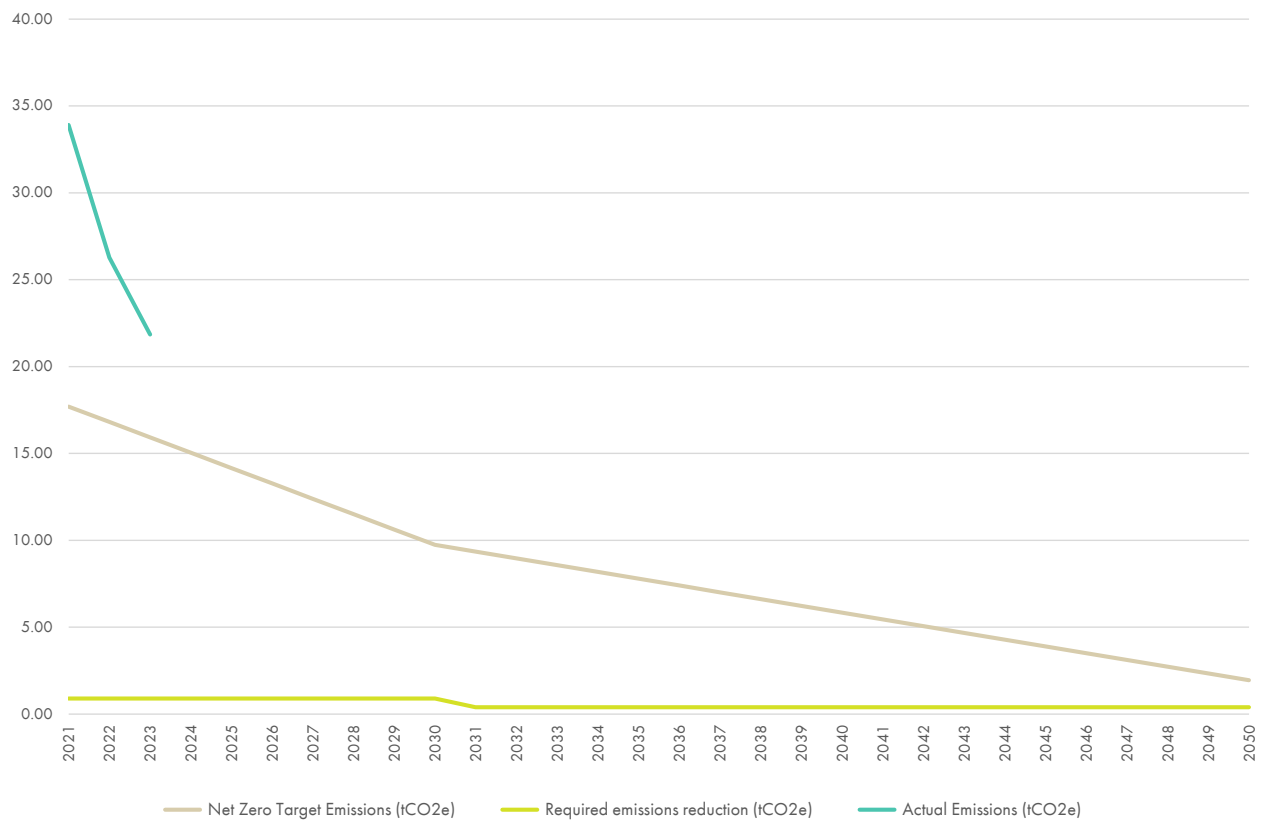
specialists Architype. Setting a bold new vision for the delivery of community health services, this exemplar Health and Wellbeing Hub integrates clinical and social care models to address the broad influences of health and wellbeing, adopting a pioneering approach to sustainable design, as the only pilot project to be designed to Passivhaus accreditation standards.

We project that carbon emissions will decrease over the next five years to 10 tCO₂e by 2029 . This is a reduction of

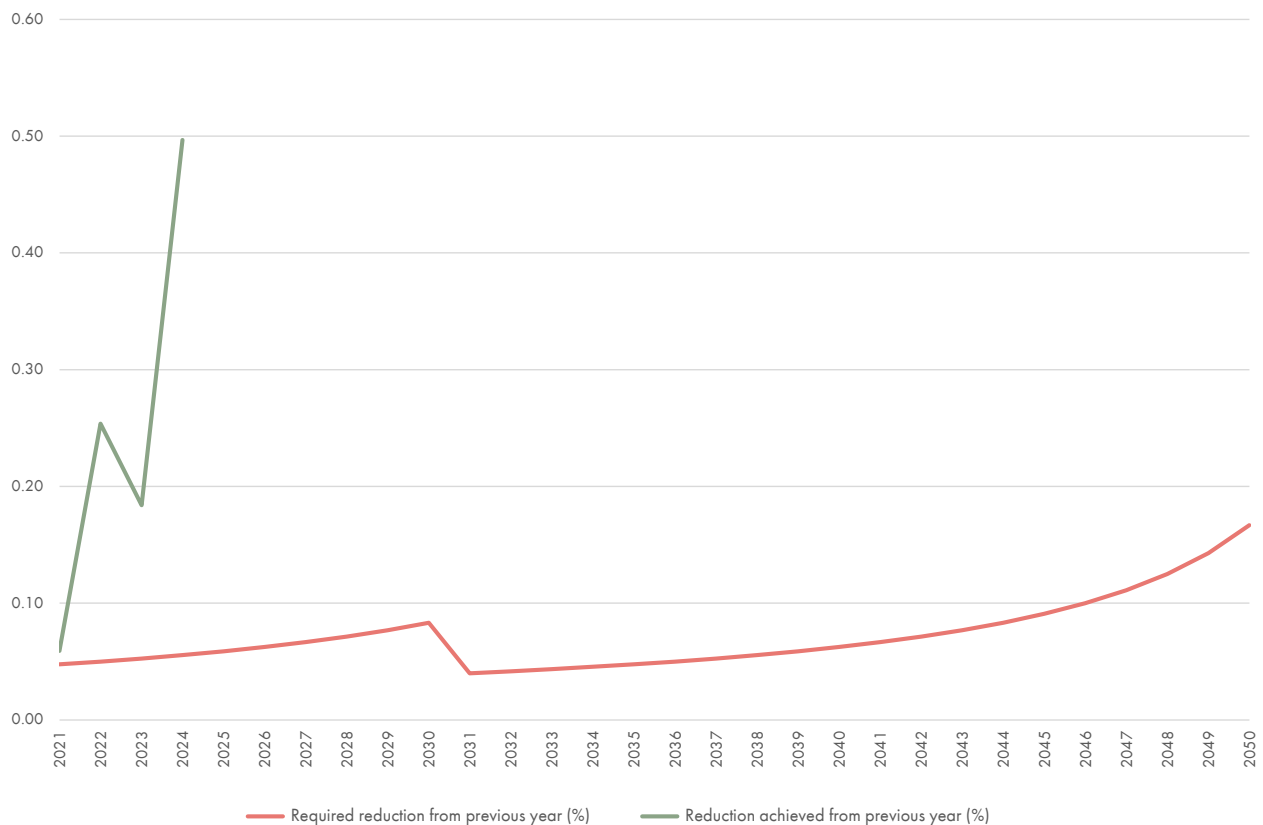
71 %

Progress against these targets can be seen in the graph on the next page.

Actual emissions vs net zero target emissions



Required reduction vs achieved reduction



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 equate to 14 tCO₂e, a 40%ge reduction against the 2020 baseline and the measures will be in effect when performing the contract.

We will continue with our ongoing certification to ISO 14001:2015.

We have always encouraged our employees to use public transport and active travel whenever possible. Going forward we intend to monitor commutes including walking and cycling.

In the future we also hope to implement further measures for example replacing existing equipment such as computers and monitors with lower carbon equivalents when they come to the end of their life cycle.

We are also in discussions with our London landlord to install energy conserving secondary glazing and replacing our gas-fired boiler with an all-electric Air Source Heat Pump supported heating system.

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 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 board of directors (or equivalent management body).

Signed on behalf of the Supplier:



Bob Wills

Director - Medical Architecture

