

CARBON REDUCTION PLAN

Supplier name: Operational Research in Health Limited (ORH)

Publication date: 31 July 24

Commitment to Net Zero

ORH is committed to achieving Net Zero emissions by 2025

Emissions Calculations

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.

Emissions from energy usage was estimated by using the recorded amount of energy purchased on the monthly bills from ORH's energy supplier. Emissions from flights were estimated using the records from business travel agency used by ORH. Emissions from other forms of business travel, e.g. rail, car, and taxi, were calculated using employee submitted expenses. Upstream emissions were estimated by considering the consumables, e.g. printer paper and notepads, that ORH regularly purchases and looking up the associated emissions.

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: January 2019 – December 2019

Additional Details relating to the Baseline Emissions calculations.

The emissions for 2019 were calculated in retrospect based on information that was recorded at the time. Baseline emissions consists of business flights, energy usage in the office, and car mileage. Other forms of business travel were not tracked in the detail needed to accurately estimate emissions, for example train fares were expensed without information on the departure and arrival stations. However, it is assumed that business flights and office energy usage are the most significant contributors to total emissions. This assumption was tested in the 2022 with a more thorough estimate of emissions during a year with more normal business practices. Emissions from downstream transportation and distribution, waste generated in operations, upstream transportation and distribution, and employee commuting are not included as insufficient data was gathered at the time for these calculations. There are zero Scope 1 emissions as ORH does not control/own any boilers, furnaces, vehicles or similar that have emissions associated with fuel combustion.

¹<https://ghgprotocol.org/corporate-standard>

²<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

Baseline year emissions:	
Emissions	Total (tCO₂e)
Scope 1	0
Scope 2 Energy purchased	15.71 15.71
Scope 3 Business travel consisting of flights and car mileage	97.81 97.81
Total Emissions	113.52
Net Emissions (after carbon offset)	17.98

Current Emissions Reporting

Current Year: January 2023 - December 2023

Additional Details relating to the emissions calculations.

ORH is a consultancy and does not sell physical products to clients, so there are no downstream transportation and distribution emissions. Emissions from waste generated in operations are not listed. As the general waste and recycling is collected as part of the service charge for the office building, there is no good reliable measure of the waste. For the waste where there is reliable data, the WEEE waste and confidential paper waste, the waste is disposed of through a carbon neutral service. There are zero Scope 1 emissions as ORH does not control/own any boilers, furnaces, vehicles or similar that have emissions associated with fuel combustion. The emissions due to business travel increased significantly between 2022 and 2023. This is due to more long haul flights to overseas clients than in 2022, where there were fewer than normal. In addition, the government carbon emission factors were significantly increased for air travel, due to lower average load factors being used.

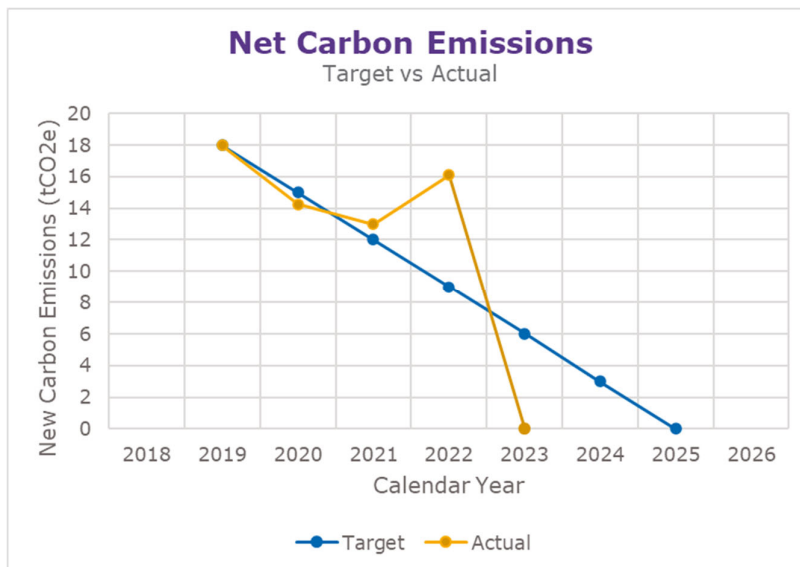
Emissions	Total (tCO₂e)
Scope 1	0
Scope 2 Energy purchased	14.044
Scope 3 Upstream transportation and distribution	205.774 2.866
Business travel	201.923
Employee commuting	0.985
Total Emissions	219.818
Net Emissions (after carbon offset)	0

Emissions Reduction Targets

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

We project that net carbon emissions will decrease over the next three years to 0 tCO₂e by the end of 2025.

This is a reduction of 100% relative to the 2019 baseline net emissions. Progress against these targets can be seen in the graph below.



Note that pre-2022 emissions figures do not include the emissions from upstream transportation and distribution, downstream transportation and distribution, waste generated in operations, or employee commuting.

Carbon Reduction Projects

We are undertaking a project to improve the energy efficiency of our offices. We aim to ensure all ORH working spaces have good building management systems to optimise energy consumption.

Client Meetings

We now undertake a reduced proportion of in-person client meetings compared to 2019 and earlier. This change was largely instigated by Covid-related travel restrictions however, the practice of conducting remote client meetings for a larger share of meetings has continued and this is now formally encouraged.

Energy Supplier

Energy purchased is the second largest source of emissions for ORH. To reduce the emissions from this category, from March 2024 ORH has transitioned to purchasing electricity from a supplier that is 100% renewable energy.

Office Lighting

In order to reduce the office energy consumption, the lighting in the office will be switched to an LED solution, which will use less than a third of the electricity used by the current halogen solution.

Suppliers

We appreciate that there are impacts beyond our direct operations. When selecting new suppliers, and when continuing to work with existing ones, we assess their commitment to becoming net zero as part of our selection process.

Carbon Offsetting

While ORH undertakes projects to control our emissions, there will be a portion of emissions that are a consequence of required business operations. To mitigate the impact of these emissions, ORH engages in Carbon Offsetting through a provider of Verified Carbon Standard projects.

From 2023 ORH will offset all calculated emissions. Since 2015 ORH has offset all emissions from business travel by plane. In 2022 this was expanded to include all forms of business travel. From 2023 the offsetting has been further expanded to cover all emissions.

Policy and Standards

ORH has completed and continues to implement carbon reduction initiatives. ORH's environmental management policy is ISO 14001:2015 certified: verification of ORH's desire to deliver its services and products in a sustainable way and to reduce ORH's impact on the environment.

ORH operations have a low impact on the environment. However, we are always striving to improve and reduce the impact further. We actively monitor, measure and look to reduce our impact of travel, energy use and waste production/disposal.

In addition to our own environmental objectives, ORH are keen to take account of our client's environmental priorities and, where possible, incorporate them into our project delivery.

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 standard³ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting⁴.

³<https://ghgprotocol.org/corporate-standard>

⁴<https://www.gov.uk/government/collections/government-conversion-factors-for-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) Standard⁵.

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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Chris Polden
Managing Director

Date: 31 July 2024

⁵<https://ghgprotocol.org/standards/scope-3-standard>