



## **Carbon Reduction Plan**

### **Why do we have a carbon reduction plan?**

In 2018, the Intergovernmental Panel of Climate Change (IPCC) produced a report that declared the world is significantly off track with regards to the Paris Agreement to cap the rise in global warming to under 1.5°C above pre-industrial baseline. The report states that we are heading towards 3°C and highlighted the need for immediate and dramatic action so that significant progress is made before 2030 to limit the risk of a climate change catastrophe.

Henderson Biomedical understands that climate change and the quality of human life are inextricably linked. We acknowledge that we have a duty to take steps in reducing our impact on the environment so that we can protect the environment for future generations to enjoy. We have an ambition to become one of the leaders of sustainable laboratory equipment servicing in the UK. We understand the NHS – who are by far our largest customer – are expecting suppliers to demonstrate their carbon reduction progress in-line with their own net zero targets.

### **Baseline Emissions Footprint**

The numbers, figures and values below are estimated from the previous year's usage and compared with the same size organisation's usage. 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. In this report, you will find numbers estimated for carbon values but more importantly we list the main parameters of CRP and future plans. Numbers will be corrected and calculated more accurately in the next financial year by baseline of previous year.

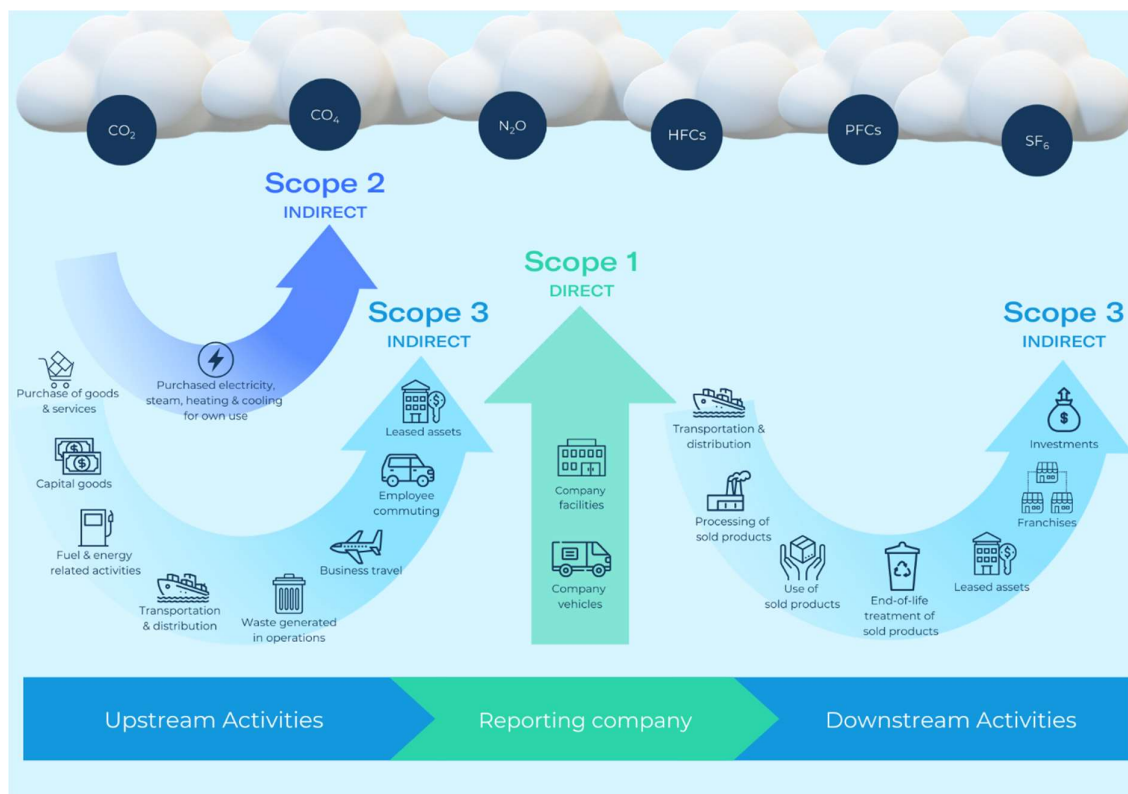


Image source: envoria.com

### Scope 1 emissions

Scope 1 measures the direct impact of our organisation, or emissions that are created by assets that our organisation owns. This includes things like company vehicles and fuel use on site.

### Scope 2 emissions

Scope 2 measures the carbon that we don't create but we consume. This includes electricity and natural resources such as gas and water.

### Scope 3 emissions

Scope 3 measures the impact of our employees and contractors on the environment and the carbon they create. This includes air travel, waste, contractor-owned vehicles, outsourced activities, or commuting.

<b>Baseline Year: 2020</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>

<b>Scope 1</b>	0.0 (Emissions from combustion of fuel for transport purposes are included in Scope 3 calculations)
<b>Scope 2</b>	24.9
<b>Scope 3</b>	25.8
<b>Total Emissions</b>	<b>50.7</b>

<b>Current Year: 2023</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	19.4
<b>Scope 2</b>	15.9
<b>Scope 3</b>	5.5
<b>Total Emissions</b>	<b>40.8</b>

Source: <https://www.gov.uk/guidance/carbon-calculator>

### **Emissions reduction targets**

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

We will reduce our carbon emissions to achieve Net Zero by 2030 and will put in place interim targets to ensure sufficient progress is made:

- Reducing office electricity usage and procuring 100% renewable energy for our remaining needs.
- Structuring electricity supply contracts, through virtual power purchase agreements, to introduce more electricity than Henderson Biomedical consumes into national grids.
- Providing Henderson Biomedical teams with tools that enable them to calculate, then work to reduce the carbon emitted when carrying out client work.

- Using nature-based solutions and carbon-reduction technologies to remove or offset, more carbon than we emit from the atmosphere each year.
- Investing in services and solutions that help Henderson Biomedical clients profitably decarbonise their businesses and provide solutions to other sustainability challenges and opportunities.
- Requiring our third-party suppliers – representing 50% of our total third-party suppliers spend – to set science-based carbon reduction targets no later than 2030.

## **Carbon Reduction Projects**

Completed Carbon Reduction Initiatives in 2023:

- Replacement of batteries used on calibration equipment with re-chargeable ones.
- Installation of water, gas, and electricity saving fixtures.
- We stopped providing paper records of calibration history for customers. They all are kept on digital database.

In 2024 we hope to implement further measures such as:

- Continuing to urge staff to use public transport or car-share everyday instead of private cars.
- Continuing to track the spendings of paper, toilet paper and tissues etc to keep the usage at minimum.
- The installation of solar panels.

Details of future carbon reduction plans can be found in our Environmental Policy.

## **Declaration and Sign Off**

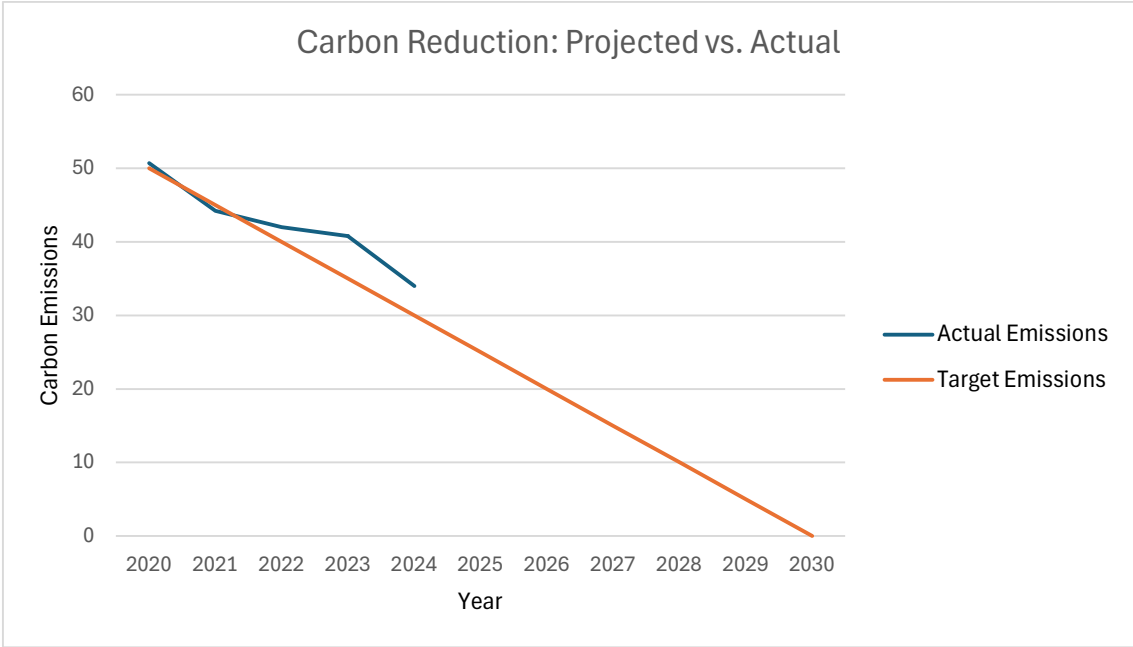
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 (the requirement for businesses to convert Scope 1, Scope 2, and partial Scope 3 emissions into carbon) and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG (Green House Gas) 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 (Streamlined Energy and Carbon Reporting) 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).

## **Yearly Carbon Emissions**



**Alex Henderson**

Managing Director

Date: 5<sup>th</sup> January 2024