

# Carbon Reduction Plan

Supplier name: Physiological Measurements Ltd  
Publication Date: 01/09/2023

## Commitment to achieving Net Zero

Physiological Measurements Ltd is committed to achieving Net Zero emissions by 2050.

## 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.

| <b>Baseline Year: 2022</b>               |                                 |
|--|---------------------------------|
| <b>EMISSIONS</b>                         | <b>Total (tCO<sub>2</sub>e)</b> |
| <b>Scope 1</b>                           | <b>73.8</b>                     |
| <b>Scope 2<sup>1</sup></b>               | <b>22.7</b>                     |
| <b>Scope 3</b>                           | <b>270.8</b>                    |
| Purchased Goods & Services               | 15.4                            |
| Capital Goods                            | 86.3                            |
| Upstream Fuel & Energy                   | 19.4                            |
| Upstream Transportation & Distribution   | 74.9                            |
| Waste Generated in Operations            | 0.1                             |
| Business Travel                          | 22.5                            |
| Employee Commuting                       | 52.3                            |
| Downstream Transportation & Distribution | 0.0                             |
| <b>Total Emissions</b>                   | <b>367.3</b>                    |

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<sup>1</sup> Market-based method used for reporting scope 2 emissions i.e. emissions specific to our electricity supply.

## Current Emissions Footprint

| Reporting Year: 2023                     |                            |
|--|----------------------------|
| EMISSIONS                                | Total (tCO <sub>2</sub> e) |
| Scope 1                                  | 72.9                       |
| Scope 2 <sup>1</sup>                     | 22.5                       |
| Scope 3                                  | 157.2                      |
| Purchased Goods & Services               | 19.4                       |
| Capital Goods                            | 1.4                        |
| Upstream Fuel & Energy                   | 19.2                       |
| Upstream Transportation & Distribution   | 49.6                       |
| Waste Generated in Operations            | 0.1                        |
| Business Travel                          | 15.2                       |
| Employee Commuting                       | 52.3                       |
| Downstream Transportation & Distribution | 0.0                        |
| <b>Total Emissions</b>                   | <b>252.6</b>               |

<sup>1</sup> Market-based method used for reporting scope 2 emissions i.e. emissions specific to our electricity supply.

## Emissions Reduction Targets

In order to continue our progress to achieving Net Zero, we have adopted the following near-term and long-term science-based carbon reduction targets.

### Near-Term

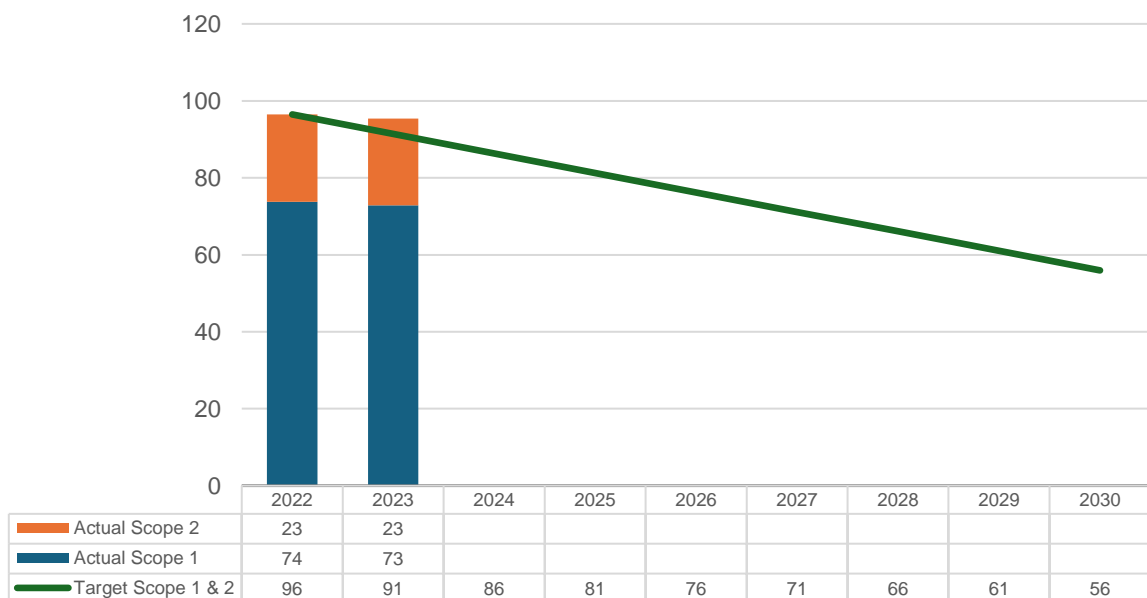
Near-term science-based targets cover an SME organisation's scope 1 and 2 emissions reduction targets to be achieved by 2030. For Physiological Measurements Ltd, with base year (2022) scope 1 and 2 emissions of 96 tCO<sub>2</sub>e, a reduction of 42% will be required by 2030. This means scope 1 & 2 emissions should be no higher than 56 tCO<sub>2</sub>e by 2030.

### Long-Term

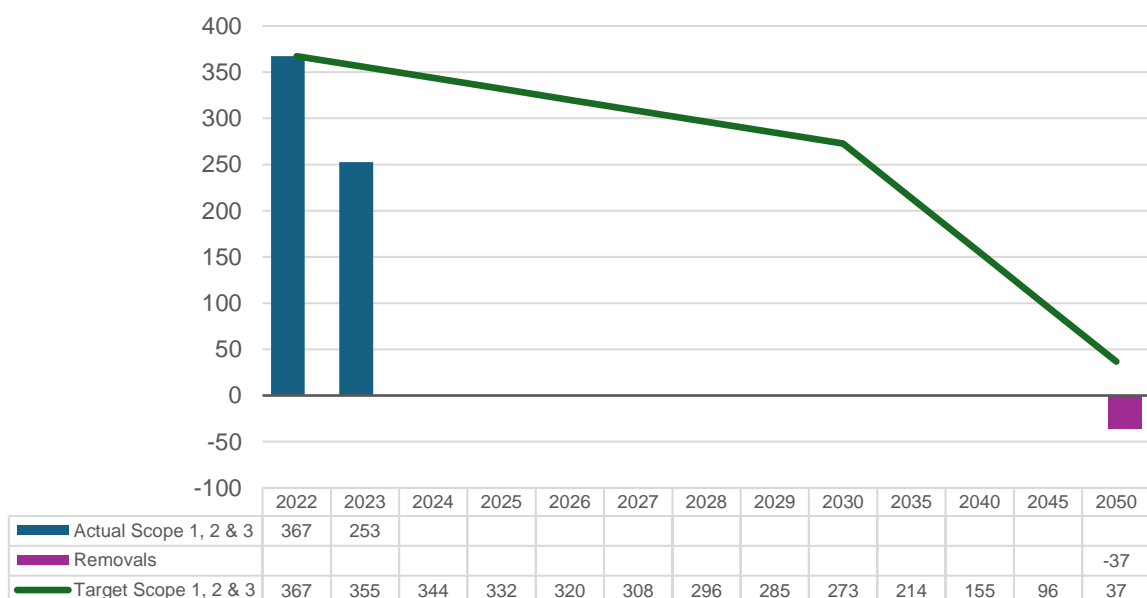
Long-term science-based targets show how much an organisation needs to reduce its total emissions (scope 1, 2 & 3) in order to reach net-zero. This is a minimum of a 90% reduction and needs to be achieved no later than 2050. Physiological Measurements Ltd.'s total emissions in its 2022 base year were 367 tCO<sub>2</sub>e. By 2050, its total emissions should be no higher than 37 tCO<sub>2</sub>e, with the remaining emissions being permanently balanced through nature-based or technological solutions.

Progress against these targets can be seen in the graphs below:

### Near-Term Target Progress



### Long-Term Target Progress



## **Carbon Reduction Projects**

### **Completed Carbon Reduction Initiatives**

We are ISO 14001 accredited, and we have a CRP that is in line with this standard. Briefly, it outlines:

1. Waste management
2. Procurement
3. Air pollution and climate change

We have met several targets, such as minimal use of single-use plastics, 100% recycled paper and card used in the office (achieved 2018), an expense policy that promotes sustainable travel, and we have auto lights in all toilets.

These initiatives have reduced our emissions by 2 tCO<sub>2</sub>e, equivalent to 0.7% of our total Base Year Emissions.

### **In the future we hope to implement further measures such as:**

Potential investments over the next 3 years:

- 100% Renewable electricity supplier.
- Green Purchasing Policy
- Water management Policy
- Paperless patient confirmation scheme
- Written policy promoting sustainable corporate travel
- Daylight dimmers and task lighting
- Occupancy sensors installed in the lab and ladies and gents cubicles
- Social and environmental performance principles training mandatory for new and current employees

These initiatives are expected to reduce our Scope 1, 2, and 3 emissions by 10 tCO<sub>2</sub>e per annum, equivalent to 3.5% of our total Base Year emissions.

## 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 Protocol 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:

Name: Jon Pither

Position: Director

Signature:

Date: 18/03/2021

DocuSigned by:  
  
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