

# Carbon Reduction Plan Template

Supplier name: **Carl Zeiss Ltd**

Publication date: 09th of August 2023

## Commitment to achieving Net Zero

Carl Zeiss 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:</b> ZEISS Fiscal Year <b>2019/2020</b> (1 October 2019 until 30 September 2020)                                                                                                                                                                                   |                                 |
| <b>Additional Details relating to the Baseline Emissions calculations.</b>                                                                                                                                                                                                          |                                 |
| In the Baseline Year consumption of energy for Scope 1 and Scope 2 are recorded.<br>For Scope 3; we have used calculated data for year fiscal year 2021/2022 and proportioned usage for the baseline year based on turnover. Turnover 2019/2020 is 68.5% of turnover from 2021/2022 |                                 |
| <b>Baseline year emissions:</b>                                                                                                                                                                                                                                                     |                                 |
| <b>EMISSIONS</b>                                                                                                                                                                                                                                                                    | <b>TOTAL (tCO<sub>2</sub>e)</b> |
| <b>Scope 1</b>                                                                                                                                                                                                                                                                      | 645                             |
| <b>Scope 2</b>                                                                                                                                                                                                                                                                      | 164                             |
| <b>Scope 3<br/>(Included Sources*)</b>                                                                                                                                                                                                                                              | 577                             |
| <b>Total Emissions</b>                                                                                                                                                                                                                                                              | 1,386                           |

*\*Scope 3 included sources: Business travel; Employee commuting; Waste generated in operations; Upstream transportation and distribution and; Downstream transportation and distribution.*

## Current Emissions Reporting

| Reporting Year: ZEISS Fiscal Year <b>2021/2022</b> (1 October 2021 until 30 September 2022) |                                                                                  |
|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| EMISSIONS                                                                                   | TOTAL (tCO <sub>2</sub> e)                                                       |
| Scope 1                                                                                     | 901                                                                              |
| Scope 2                                                                                     | 0, based on 100% usage of renewable electricity                                  |
| Scope 3<br>(Included Sources;                                                               | 843<br>thereof ~658 tonnes of CO <sub>2</sub> e occurred from employee commuting |
| <b>Total Emissions</b>                                                                      | <b>1,744</b>                                                                     |

*\*Scope 3 included sources: Business travel; Employee commuting; Waste generated in operations; Upstream transportation and distribution and; Downstream transportation and distribution. Further information regarding the above emissions reporting data is available upon request.*

## Emissions reduction targets

We project that carbon emissions will decrease over the next years. In order to continue our progress to achieving Net Zero, Carl Zeiss Ltd have adopted the following carbon reduction target(s);

**Scope 1 & 2;** A reduction in Scope 1 & 2 carbon emissions of 59% by Year 2034. This means a reduction to 332 tCO<sub>2</sub>e by 2034 compared to baseline year.

**Scope 3;** A reduction in Scope 3 carbon emissions of 35% by Year 2034, in line with the SBTi Framework for value stream activities. This means a reduction to 375 tCO<sub>2</sub>e by 2034 compared to baseline year.

## Carbon Reduction Projects

The goal of ZEISS Group is to be CO<sub>2</sub>-neutral in its own activities by 2025 (Scope 1 & Scope 2). ZEISS is thus contributing to the global goals of the Paris Agreement to limit global warming to below 2°C. To tackle the value stream emissions ZEISS has set up projects to prepare the participation to SBTi. Carl Zeiss Ltd.'s sustainability initiatives are within the overall framework of the ZEISS group sustainability programme, details of which are available on the group's website.

### Completed Carbon Reduction Initiatives

The following environmental management measure has been implemented since the 2019/2020 baseline. The carbon emission reduction in **Scope 2**, achieved by this initiative equates to 164 tCO<sub>2</sub>e, a 100% reduction against the 2019/2020 baseline;

- ✓ Carl Zeiss Ltd has been using 100% electricity from renewable sources since 2021 and continues to do so. With this measure we can avoid 164 tons of CO<sub>2</sub>e on a yearly basis.

The Increase of emissions from FY2019/2020 to FY2021/2022 is caused by Carl Zeiss Ltd.'s significant growth / higher turnover.

### *Fiscal Year 2021/2022 Sustainability Initiatives*

During the Year, Carl Zeiss Ltd has implemented the following initiatives:

- ✓ Improvements to the Heating, Ventilation and Air-conditioning (HVAC) system

Electric vehicle charging points have been installed at the businesses Cambourne site. The chargers are available for business and personal use. The chargers are expected to increase the company's electricity consumption though the need to support the shift to EVs is clearly defined in the UK Government's "*transitioning to zero emission cars and vans: 2035 delivery plan*".

The company is engaging with external partners to further develop its mid-term plans in transitioning to a net zero business.

### **Declaration and Sign Off**

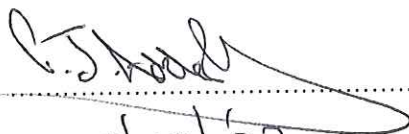
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

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<sup>3</sup>.

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:**



Date: 01/08/23

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

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

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