

Carbon Reduction Plan

Tosoh Bioscience Ltd

Tosoh Bioscience Ltd is committed to achieving net zero emissions by 2045 when we plan to have reduced our emissions by 90%.



Baseline Emissions Footprint vs Current Emissions Footprint

Baseline emissions are a record of the greenhouse gasses 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.

Emission Scope	Baseline Emissions, 2021 (tonnes CO2e)	Current Emissions, 2023 (tonnes CO2e)
Scope 1	316.9723	23.9998
<i>Energy Purchased (Sites, Other Emissions)**</i>	254.7022	0.0000
<i>Company Cars (Company Cars, Other Emissions)</i>	25.8974	23.9998
<i>Delivery Vehicles (Delivery Vehicles, Other Emissions)</i>	36.3727	0.0000
<i>Air Conditioning / Refrigerants (Other Emissions)</i>	0.0000	0.0000
Scope 2	4.4589	0.0000
<i>Electricity (Sites, Other Emissions)**</i>	4.4589	0.0000
Scope 3	47.6807	54.8875
<i>Purchased Goods and Services (Sites, Other Emissions)**</i>	0.0000	0.0000
<i>Capital Goods (Other Emissions)</i>	0.0000	0.0000
<i>Fuel & Energy Related Activities (Other Emissions)</i>	0.0000	0.0000
<i>Upstream Transportation & Distribution (Freighting Goods (Upstream), Other Emissions)</i>	33.1996	0.0000
<i>Waste Generated in Operations (Waste Disposal, Other Emissions)</i>	0.0087	0.0083
<i>Business Travel (Hotels, Air Travel, Public Transport & Hire Cars, Employee Owned Vehicles, Company Cars, Other Emissions)</i>	14.4723	20.7786
<i>Employee Commuting (Home Working, Employee Commuting, Other Emissions)</i>	0.0000	3.3522
<i>Upstream Leased Assets (Other Emissions)</i>	0.0000	0.0000
<i>Downstream Transportation & Distribution (Freighting Goods (Downstream), Other Emissions)</i>	0.0000	30.7484
<i>Processing of Sold Products (Other Emissions)</i>	0.0000	0.0000
<i>Use of Sold Products (Other Emissions)</i>	0.0000	0.0000
<i>End of Life Treatment of Sold Products (Other Emissions)</i>	0.0000	0.0000
<i>Franchises (Other Emissions)</i>	0.0000	0.0000
<i>Investments (Other Emissions)</i>	0.0000	0.0000
Total	369.1119	78.8873
** Generated from renewable sources	0.0000	0.0000
* includes WTT		

Carbon Reduction: Projected vs Actual

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets. We project that carbon emissions will decrease over the next years to 36.9112 by 2045 this is a reduction of 90%



Additional Details About our Emissions and Targets

Year	Comments
2022	Significant improvement due to the removal of a physical office to virtual.

Carbon Reduction Projects

The following environmental management measures and projects are currently in progress or have been completed since the 2021 baseline.

Actions In Progress

Car Fleet Emissions

Target Completion Date: 31/12/2023

Objective

To reduce the average overall CO2 emissions of the company car fleet

Target

>60% of the UK fleet to be hybrid / plug-in hybrid by the end of 2022. >80% of the UK fleet to be hybrid / plug-in hybrid by the end of 2023.

Action, Improvement or Control

Educate employees on maintenance of their vehicles and raise awareness on fuel efficiency. Lease of hybrid and plug in electric cars Install electric car charging stations

Completed Actions

Removal of the UK Office to virtual

Completion Date: 28/02/2023

Estimated Carbon Reduction: 0.0000

Objective

Reduce the carbon footprint of the company associated with the office in Reading

Target

Action, Improvement or Control

Review of leasing commitments viability study. Scope virtual office. Scope costs of remote meetings vs Reading Office meetings.

Impact:

Significant reduction in carbon footprint.

Declaration and Sign Off

This carbon reduction plan has been completed in accordance with PPN 06/21 and the 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 GHC Reporting Protocol corporate standard ¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting ².

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) Standard³.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Martin Allen

Regional Sales Manager

Name

Job Title

DocuSigned by:

Martin Allen

20/09/2024

7CCA4B5A155040E...

Signed on behalf of the Supplier

Date

*The methodology used to calculate the organisation's greenhouse gas emissions in this report is based on:
<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>*

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

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

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