

Carbon Reduction Plan

Supplier name: **Astellas Pharma Ltd.**

Publication date: **12th December 2024**

Commitment to achieving Net Zero

Astellas Pharma 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.

Baseline Year: 2022	
Additional Details relating to the Baseline Emissions calculations.	
Base year 2022 was selected as it is the first year for Astellas Pharma Ltd. to have completed Scope 3 GHG data validation in line with NHS requirements. The Astellas group, as Corporate, has been tracking GHG data since 2012.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	305
Scope 2	0
Scope 3* (Included Sources)	314 (Upstream Transportations, Business Travel, Employee Commuting, Downstream Transportations)
Total Emissions*	619

*For higher trackability of some category of emissions, we have changed data source and thus revised the baseline year data.

Current Emissions Reporting

Reporting Year: 2023	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	123
Scope 2	39
Scope 3 (Included Sources)	290 (Upstream Transportations, Business Travel, Employee Commuting, Downstream Transportations)
Total Emissions	452

Emissions reduction targets

In February 2023, the Astellas group, as Corporate, announced its commitment to achieve net zero greenhouse gas (GHG) emissions by 2050.

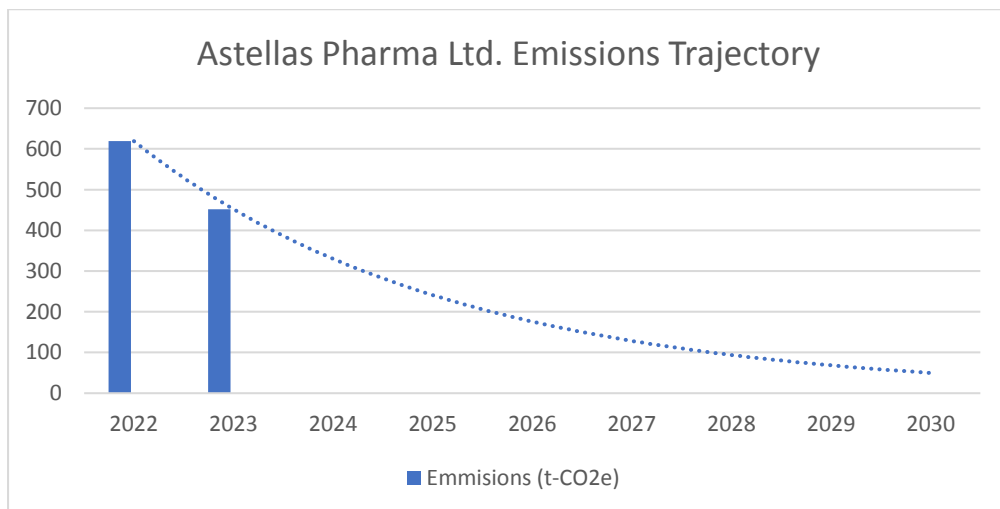
In line with the Corporate-level mid-term Action Plan, Astellas Pharma Ltd. (APL, hereafter) has been striving to reduce GHG from our direct operations, such as initiative to increase plug-in hybrid and electric vehicle in our fleet.

Corporate-level Action Plan (SBTi validated)

Astellas commits to below two key targets:

- reduce absolute scope 1 & 2 emissions by 63% by FY2030 from the FY2015 base year.
- reduce absolute scope 3 emissions by 37.5% by FY2030 from the FY2015 base year.

In APL, progress against these targets can be seen in the graph below:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

Shift to zero-emission vehicles

APL has been increasing the percentage of lower emission vehicles such as plug-in hybrid vehicles (PHEV) and electric vehicles (EV). In accordance with increase of electricity capacity from renewable sources and electric charge facility, we will explore opportunity of increasing electric vehicles. We will track technology development of low emission fuel and explore other options of zero-emission fuel as well.

As of the end of 2023, 80% of company vehicles are PHEV or EV. Scope 2 emissions came from electricity consumption by PHEVs/EVs.

Renewable Electricity at office

As of FY22, Astellas Pharma Ltd. has moved to a part of office area that its parent company Astellas Pharma Europe Ltd (APEL) leases. Although APL has not accounted office-related GHG separately, the office is supplied with carbon neutral electricity according to APEL's contract.

In 2036 and later, all new vehicles used in APL are expected to be zero-emission. Our office workers can charge their vehicles with carbon neutral electricity and we believe that we can achieve zero emissions in the "Employee Commute" category by 2050. Work-from-home has also contributed to reduction of commute GHG considerably.

Some employees use public transportation for commute. In accordance with the government Net Zero strategy, we believe that GHG from public transportation use can be reduced to zero.

Business Travel

APL will strive to enhance operational efficiency in all aspects of our business activities, including business travel. We will continue to pursue an option of online meeting as far as practicable.

Upstream & Downstream Transportations

Most of our downstream emissions came from operations of our agency distribution partner. The partner has committed to Net Zero earlier than 2050.

For upstream emissions and the remaining part of downstream emissions, APL will explore/pursue opportunities of below items etc. with our logistic partners.

- Enhancing transportation efficiency
- Low-emission Vehicles (e.g., Electric, Hydrogen, Biofuel)

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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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).

Signed on behalf of the Supplier:

Signed by:

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13 December 2024
Date:

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>

NOTE: Scope 3 category 5 GHG was excluded because its impact is assumed to be less than 1 t-CO₂e as of now.