

Carbon Reduction Plan

Supplier name: B H R Pharmaceuticals

Publication date: December 2023

Commitment to achieving Net Zero

B H R Pharmaceuticals 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	
<p>Recognising the significant impact of emissions on our business and our substantial capacity to implement impactful strategies, we prioritised the collection of scope 1 and scope 2 emissions data in 2022. At that time, we faced challenges due to the lack of facilities and expertise required for accurate measurement of scope 3 emissions, an issue prevalent across all industries. As a result, comprehensive scope 3 emissions data for all categories in our baseline year was not available.</p> <p>Since 2022, we have been dedicated to overcoming these challenges. Our efforts have focused on enhancing our data collection capabilities and evaluating various tools for measuring scope 3 emissions, demonstrating our commitment to a more comprehensive and accurate environmental impact assessment.</p>	
Baseline year emissions:	
EMISSIONS	(tCO₂e)
Scope 1	13.24 (business mileage from company-leased vehicles)
Scope 2	13.1 – currently including electric vehicle mileage – to confirm whether this is covered in electricity usage already – <i>subject to change</i>
Scope 3 (Included Sources)	Scope 3 Total: 33.65 Category 3 – Fuel/energy-related activities: electricity and WTT from business mileage only 11.06 Category 4 – Upstream transport & distribution: BHR is communicating with transport providers DHL (international), DPD (domestic) and Concordia (freight forwarding) to retrieve allocated mileages/emissions relevant to BHR's operations. DHL provided: 6.35

	<p>Concordia freight forwarder provided data for 2023 but not 2022 – will communicate for base year (2022) data. Limited 2023 data from DPD – not usable therefore further communication likely required, also for the base year data (2022).</p> <p>Category 5 – Waste: waste is currently managed in a shared facility/business centre amongst other companies/providers. BHR is enquiring with the council on what data is available, however going forward there are plans to move into new premises where the waste can be monitored/controlled.</p> <p>Category 6 – Business Travel: via cars only 16.24 Rail and air business travel is also relevant. BHR are in process of planning how to record this data.</p> <p>Category 7 – Commuting: BHR are in stages of making estimates / gathering survey information.</p> <p>Category 9 – Downstream transport & distribution: where relevant, BHR is communicating with transport providers for allocated mileage emission data.</p>
Total Emissions	59.99

Current Emissions Reporting

Reporting Year: 2023 (up to October 2023) – <i>THEREFORE SUBJECT TO CHANGE</i>	
EMISSIONS	(tCO_{2e})
Scope 1	9.66 (business mileage from company-leased vehicles)
Scope 2	12.64 – currently including electric vehicle mileage – to confirm whether this is covered in electricity usage already – <i>subject to change</i>
Scope 3 (Included Sources)	<p>Scope 3 Total: 53.26</p> <p>Category 3 – Fuel/energy-related activities: electricity and WTT from business mileage only 12.51</p> <p>Category 4 – Upstream transport & distribution: BHR is communicating with transport providers DHL (international), DPD (domestic) and Concordia (freight forwarding) to retrieve allocated mileages/emissions relevant to BHR's operations. DHL provided: 20.03 Concordia freight forwarder provided data for 2023 but not 2022 – will communicate for base year (2022) data. Limited 2023 data from DPD – not usable therefore further communication is likely required, also for the base year data (2022).</p>

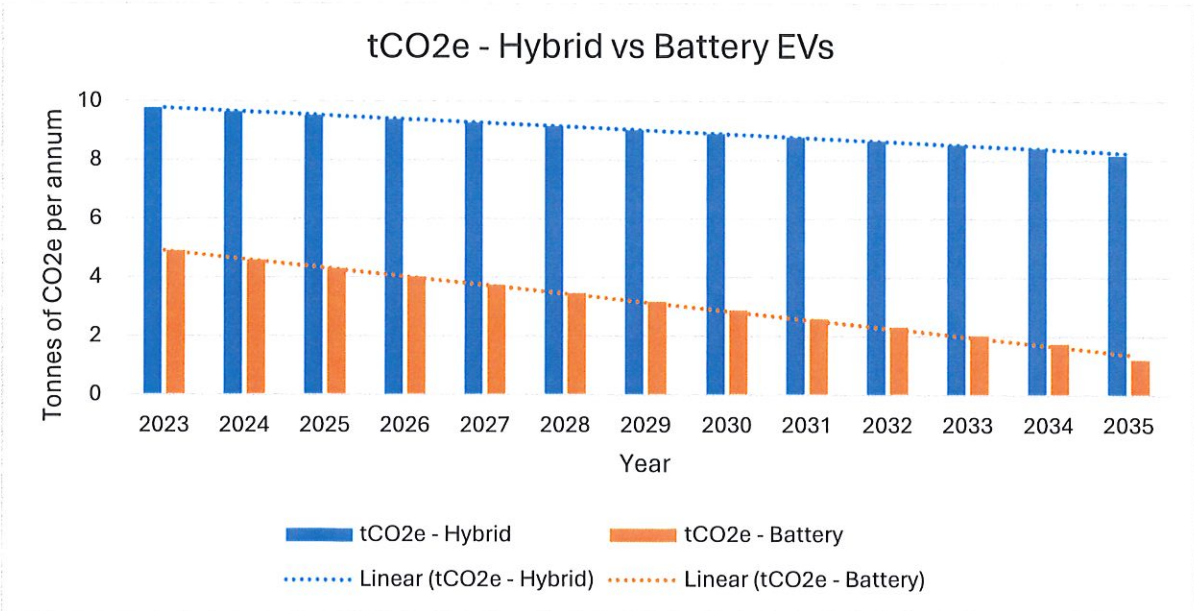
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Total Emissions	75.56

Emissions reduction targets

In order to continue our progress toward achieving Net Zero, we have adopted the following carbon reduction targets. We project that carbon emissions will decrease over the next five years to 13.63 tCO₂e by 2028. This is a reduction of 23% against total (Scope 1-3) emissions.

- **Conversion to battery electric vehicles.**

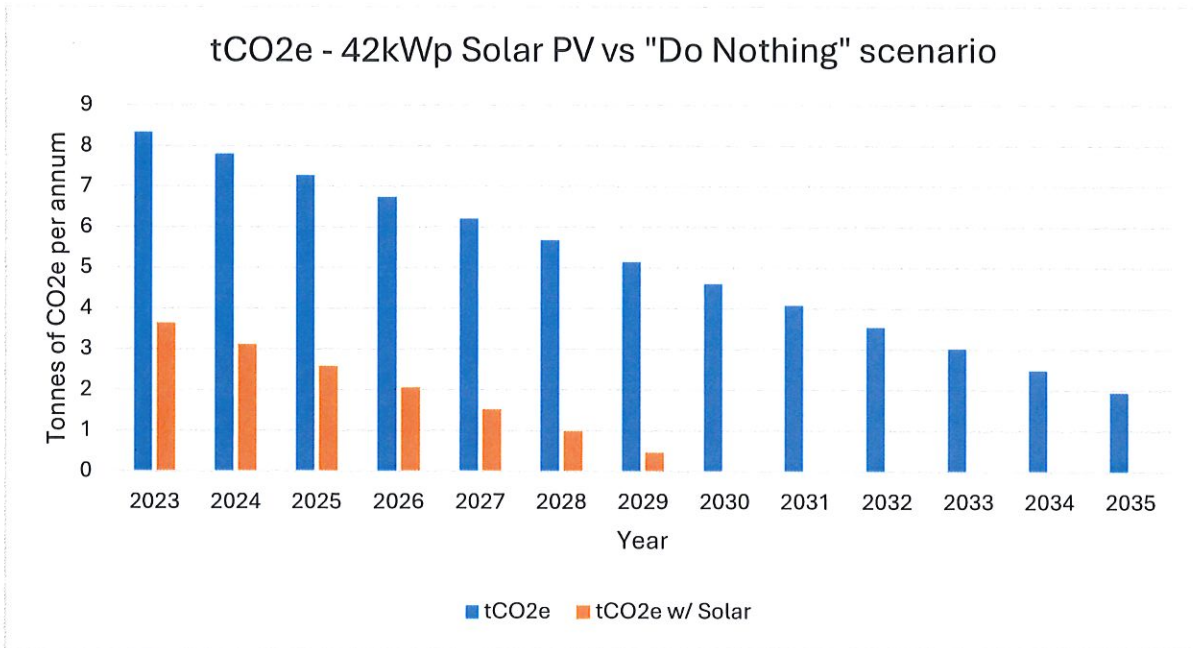
Forecast of the estimated savings are charted below:



* Assumes consistent annual mileage, linear decarbonisation of UK electricity grid, instant 100% adoption of battery EVs

	Annual Mileage	
Luxury	32156	DATA FROM 01/04/23 - 30/9/23 (6 MONTHS *2) [for just hybrid]
Executive	12335	DATA FROM 01/09/22 - 31/08/23 (12 MONTHS) [for just hybrid]

- **Introduction of 42kWp Solar PV Array.**



ASSUMPTIONS:

- Roof Length = 17m
- Roof Width = 10m
- Available Area = 170m²
- 30° Horizontal angle
- 0° angle from south
- 71 panels @ 500W each
- 35.5kWp system
- 70% own consumption constant CO₂ saving decarbonisation of grid (scope 2) by 2035

Carbon Reduction Projects

- Move operation to a new, more energy-efficient site in December 2023 – results of this change will only be seen in the next reporting year. The new building has been equipped with energy-efficient LED lighting and Mezzanine Flooring throughout.

Completed Carbon Reduction Initiatives

Environmental management measures and projects have been completed or implemented since the 2022 baseline. The carbon emission reduction achieved in Scope 1 and 2 by these schemes equates to 4.04 tCO₂e, a 15% reduction against the 2022 baseline and the measures will be in effect when performing the contract.

- Moving to a new, more energy-efficient site in December 2023.

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

- Increase our proportion of renewable energy.
- Significant investments into solar energy.
- Increasing energy monitoring and efficiency at our new site.
- Joining the SBTi to validate our net zero reduction pathway.
- Align with ISO 50001 standards for energy management.
- Training of the workforce to participate in the decarbonisation of the company.

- Shared carpools.
- Improved efficiency and control of lighting systems.
- Transitioning away from diesel towards more sustainable alternatives for company-owned vehicles.

Declaration and Sign-off

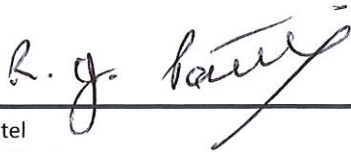
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standards for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard and use 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:

X 

Ramesh Patel
Managing Director

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Date: ...20/12/2023.....