

Carbon Reduction Plan

Downland Bedding Company Ltd

Date – 10/04/2025.

Commitment to achieving Net Zero by 2050

The carbon reduction plan outlined below is designed to guide our manufacturing site in reducing its carbon footprint and aligning with our commitment to sustainability. By implementing a series of strategies and initiatives, we aim to minimise our environmental impact, increase energy efficiency, and promote a culture of sustainability within our organisation. This plan encompasses a range of measures, including energy efficiency improvements, renewable energy adoption, waste reduction, and employee engagement, to drive meaningful reductions in carbon emissions and contribute to a greener future. Through the implementation of this plan, we will work towards achieving our carbon reduction goals and creating a more sustainable manufacturing operation.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured. By committing to achieving Net Zero by 2050¹, we have begun measuring our carbon footprint this fiscal year (FY23/24). The first reporting period FY23/24 is used as our baseline, covering the period of May 2023 -April 2024. We will continuously reduce carbon emissions against the baseline.

¹Net Zero Commitment refers to achieving a 100% reduction of the net UK carbon account by 2050 compared to 1990 levels.

Baseline Year: FY23/24

Additional Details relating to the Baseline Emissions calculations.

All Scope 1 & 2 Emissions have been measured, plus the following Scope 3 emissions:

- Waste Generated in Operations²
- Purchased Goods and Services

Baseline year emissions:

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	146
Scope 2	185
Scope 3 (Included Sources)	870,577
Total Emissions	870,908

²A defined subset of Scope 3 emissions in Technical Standard for Completion of Carbon Reduction Plans for PPN 06/21.

Emissions reduction targets

We have no emissions reduction commitment before. To kick off our progress in FY 24/25 towards achieving Net Zero by 2050, we will adopt the following carbon reduction targets. We project that carbon emissions will decrease over the next five years to 635,028 tCO₂e by 2030 aligning with PPN 06/21 carbon projection graph. This will represent a reduction of 23%.

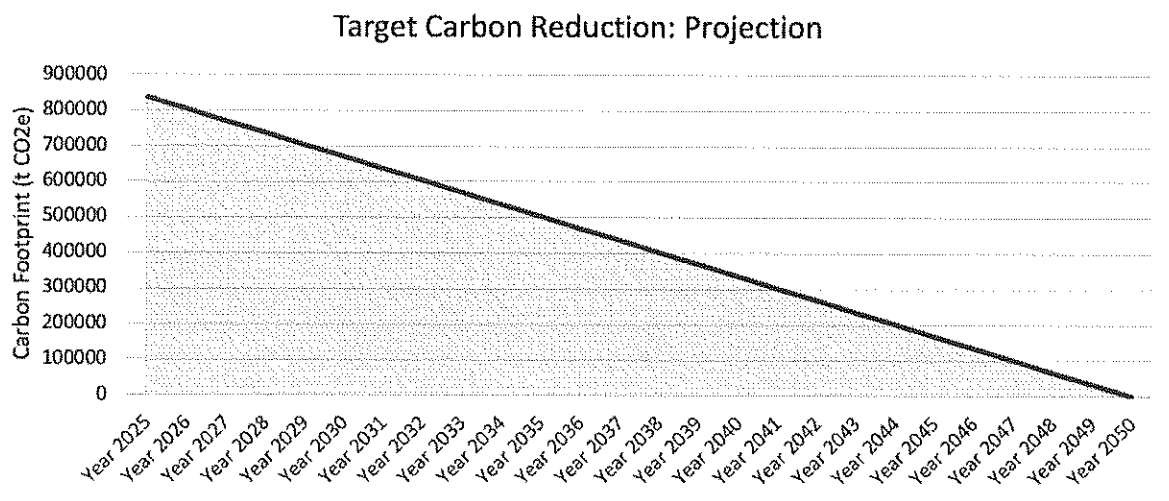
Our near-term targets:

- Start measuring carbon emissions of other Scope 3 categories in the government's Technical Standard for Completion of Carbon Reduction Plans, including Category 4: Upstream Transportation and Distribution, Category 6: Business Travel, Category 7: Employee Commuting, and Category 9: Downstream Transportation and Distribution.
- Reduce our carbon emissions from Scope 1 and Scope 2, and Scope 3 by 23% by 2030.

Our long-term targets:

- Reduce our carbon emissions from Scope 1, Scope 2, and Scope 3 by at least 80% by 2045.
- Recycle 100% of waste generated and use low-carbon materials for packaging.

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



Carbon Reduction Initiatives

The following sustainability management measures at corporate level have been implemented.

REDUCTION PLANS		
Activity	Completed Date	Scope
Carried out environmental audits when required.	On-going	Scope 1,2,3
Focused on actions to conserve resources, energy and water, and improve recycling rate.	On-going	Scope 1,2,3
Improved our environmental performance, particularly in the recycling and re-use of paper. For example, using wastepaper as notepads.	2024	Scope 3
Recycled materials such as wood, mixed cardboard, and polyethylene. Sent non-recyclable waste to waste-to-energy facilities.	2024	Scope 3
Arranged for employees to work from home and attend meetings using video conferencing platforms, thereby reducing the distance employees need to commute.	On-going	Scope 3

Future Carbon Reduction Plans

The following environmental management measures and projects will be implemented since the FY23/24 baseline. The measures will be in effect when performing the contract.

REDUCTION PLANS		
Activity	Roadmap	Scope
Commit to measure Scope 1, Scope 2, and Scope 3 emissions yearly to reduce carbon emissions.	2025 - 2050	Scope 1, 2, 3
Assign a team to lead sustainability initiatives in both offices and factories and manage carbon data.	2025 - 2050	Scope 1, 2, 3
Procure 100% renewable electricity across office spaces and factories. This will reduce Scope 2 emissions to 0 tCO ₂ e.	2025 - 2045	Scope 2
Fade out using plastic material (HDPE) as package material by replacing it with cardboard or LDPE.	2025 - 2030	Scope 3
Enhance packaging waste collection, particularly non-woven waste, plastic, and cardboard, by working with local recycling companies.	2025 - 2030	Scope 3
Use low-carbon materials such as recycled cardboard and biodegradable plastic as packaging.	2025 - 2030	Scope 3



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 standard³ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting⁴.

Scope 1 and Scope 2 emissions have been reported in accordance with Streamlined Energy and Carbon Reporting regulations (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) Standard⁵.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors.

Signed on behalf of Downland Bedding Ltd

Sign Fraser Smith Date 10 April 2025

Fraser Smith

Managing Director

³<https://ghgprotocol.org/corporate-standard>

⁴<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

⁵<https://ghgprotocol.org/standards/scope-3-standard>