



Carbon Reduction Plan

Supplier Name: Duckworth & Kent Ltd.

Publication Date: 29.10.24

Commitment to achieving Net Zero

Duckworth & Kent 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.

Duckworth & Kent Ltd. (D&K) is a small enterprise located in North Hertfordshire. Its only facility comprises of a manufacturing element where raw material is stored and product is made in its entirety. There is an internal warehouse for finished goods, along with a variety of offices to cater for all other aspects of the organisation. There are no sales representatives, so business travel is minimal.

Our Scope 1 emissions are already very low due to the elements implemented prior to the baseline year. Our Scope 2 emissions are average for being a manufacturing facility consuming electricity from the grid (validated using the NatWest Carbon Planner (Version 1.6.8)). Our Scope 3 emissions are much higher than our industry standard due to our reliance on distribution partners to service our 80% global export status.

Baseline year emissions: 2024

Baseline emissions reporting is recorded during 2024, following the installation of solar panels to the facility, the implementation of fully recyclable packaging to transport D&K product to the customer and internal measures to reduce energy consumption including LED lighting within the workshop and extra temperature controls for the air-conditioning of the facility, as well as contributing to offsetting emissions programmes (SWIPE re-forestation project).

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EMISSIONS	TOTAL (tCO2e)
Scope 1	1.45
Scope 2	110
Scope 3	9190
Total Emissions	9300

Current Emissions Reporting

Baseline year emissions: 2024

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Scope 1	1.45
Scope 2	110
Scope 3	9190
Total Emissions	9300

Carbon Reduction Targets

Duckworth & Kent Ltd. is committed to achieving net zero emissions by 2050 in alignment with NHS England targets. Having already installed solar panels, switched to recyclable packaging, streamlined waste and introduced measures to reduce energy wastage within the facility since 2020, we project that we could decrease our current carbon emissions by 2% (186 tCO2e) by 2034.

Information extracted (downloaded) from the NatWest Carbon Planner.

Carbon Reduction Initiatives

Duckworth & Kent Ltd. will plan to move to a fully renewable energy source over the next ten years, thereby almost eliminating its Scope 2 carbon footprint. We are also evaluating the feasibility of enhancing the insulation of the facility, thereby reducing our Scope 1 emissions to a minimum.

Information extracted (downloaded) from the NatWest Carbon Planner.

Engagement with Supply Chain

Duckworth & Kent Ltd. exports over 80% of its product and this is unlikely to change drastically over the foreseeable future. With this in mind, it will endeavour to work with its distribution partners, as well as its raw material suppliers, in utilising electric vehicles. Due to the nature of D&K's e-commerce activity to individual end users of its product, the ability to influence Scope 3 emissions will be heavily dependent upon development within the aerospace industry, as well as D&K committing to more offsetting emissions programmes.

Information extracted (downloaded) from the NatWest Carbon Planner.

Declaration and Sign Off

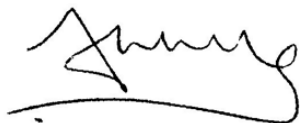
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the Greenhouse Gas 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 Streamlined Energy and Carbon Reporting 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 Chairman of Duckworth & Kent Ltd.

Signed on behalf of the Supplier:



Andrew Waldock - Chairman

Date: 29.10.24

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>