

# Carbon Reduction Plan

Supplier name: DHL Parcel UK Ltd

Publication date: 5<sup>th</sup> January 2023

## Commitment to achieving Net Zero

DHL Parcel UK Ltd is part of Deutsche Post DHL Group which 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.

<b>Baseline Year: 2020</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
All Scope 1 and 2 is calculated based on consumption information.	
Scope 3 Final mile delivery for Parcels is based on expected average route distance. Royal Mail has provided the CO <sub>2</sub> e per letter which is 17.9g Tank to Wheel.	
Scope 3 linehaul is based on a cost assumption conversion.	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
Scope 1	29,400
Scope 2	100
Scope 3 (Included Sources)	63,600
<b>Total Emissions</b>	<b>93,100</b>

## Current Emissions Reporting

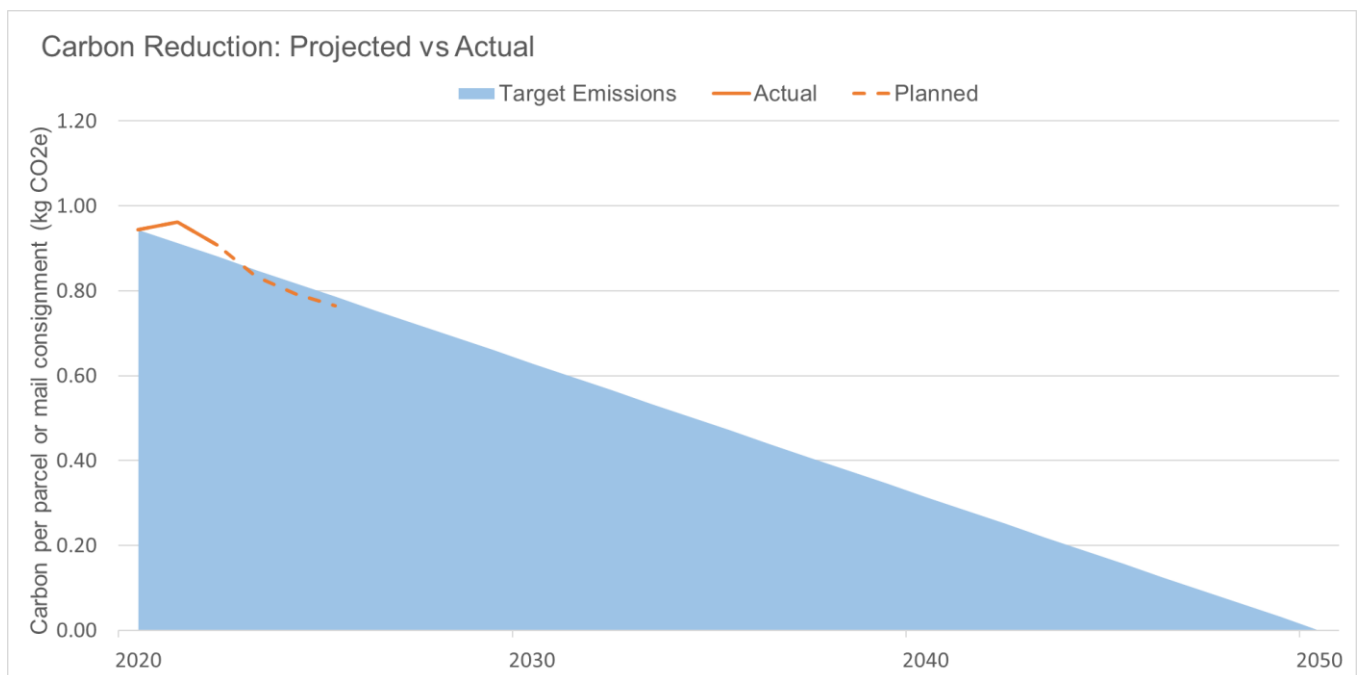
Reporting Year: 2021	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	38,100
Scope 2	200
Scope 3 (Included Sources)	59,000
<b>Total Emissions</b>	<b>97,300</b>

## Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

We project that carbon emissions will increase over the next five years to 114,900 tCO<sub>2</sub>e by 2025 due to business growth and expansion of our network. This will however represent a reduction of 19% in our carbon per parcel or mail consignment.

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



## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

DHL Parcel UK is ISO14001 certified and has carried out a number of energy efficiency and carbon reduction projects over the last 5 years, particularly with regards improving the energy efficiency of our buildings. However, as we also converted to sourcing renewable energy prior to our baseline reporting year these do not result in a reduction in our reported emissions.

Below we have highlighted some projects completed since our 2020 baseline year which have had an impact on our reported emissions along with further planned projects for 2023. The carbon emission reduction from these completed projects equate to 144 tCO<sub>2</sub>e in 2021 and 450 tCO<sub>2</sub>e in 2022, a 1.5-2% reduction in Scope 1 emissions against the 2020 baseline. These measures will remain in effect when performing the contract.

#### **Completed reduction projects:**

*Introduced 63 electric final mile parcel delivery vans*

*Transferred electricity suppliers to 100% renewable energy sources in 2020*

*Converted all forklift trucks to electrically powered*

*Introduced label-less solutions for all service point products*

*Implemented new company car policy offering hybrid and fully electric vehicles*

*Rainwater harvesting and water recycling in place at our central hub and some depots*

*Customer packaging fully recyclable*

*Full carbon reporting available for customers*

#### **In progress projects:**

*3500 Service Points in place across the UK – reachable within an average 10 minute walk*

*Locker solution going live in 2023 for first and last mile collection/delivery*

*GoGreen Offsetting solution available for customers*

*All new sites assessed against a Carbon Neutral Building Checklist covering:*

- *Renewable energy*
- *Efficient lighting*
- *Electric charging*
- *Efficient heating and cooling*
- *Building automation and monitoring*
- *Environmental (biodiversity, rainwater harvesting, low water use appliances)*

*All employees go through DHLs GoGreen specialist training to drive ESG awareness and activity.*

#### **Planned future reduction projects:**

*Electric Rigid HGVs – 6 to be introduced in January 2023, with a further 8 planned by 2025.*

*LNG Bio Gas Tractor Units – 30 introduced in November and December 2022, with a further 15 tractor units planned by 2025.*

*Electric Vans – In addition to the existing 63 electric vans a further 125 planned by 2025.*

Site upgrades at Kidderminster, Stafford and Coventry in 2023 to add:

- electric vehicle charging for cars and commercial vehicles
- new efficient HVAC systems

Construction of a new BREEAM Excellent central hub to include:

- 44 electric car charging stations
- Ducting ready for future upgrade to eHGV charging stations
- PV solar panels to 30% of the roof area
- Solar shading to south side of building to reduce cooling requirements
- LED lighting with PIR controls
- Vertical skylights (subject to planning consent)
- Upgraded vehicle dock seals
- Efficient HVAC system

## 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 standard<sup>13</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>14</sup>.

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<sup>15</sup>.

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:



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Date: ...11 January 2023.....