

# PPN 06/21 Carbon Reduction Plan



1 April 2022 – 31 March 2023

## Table of Contents

Commitment to achieving net zero carbon .....	3
Baseline emissions footprint .....	4
Current emissions reporting .....	5
Carbon reduction projects .....	6
Declaration and sign off .....	8

## Commitment to achieving Net Zero Carbon (NZC)

Dyson Energy Services (DES) is committed to achieving Net Zero Carbon (NZC) through Scope 1, 2 and 3 emissions by 2040 and NZC in Scope 1 and 2 by 2030.

In order to continue our progress to achieving NZC, we have adopted the following carbon reduction targets:

- We have re-set our benchmark to align with our financial reporting period, integrating carbon reporting into our wider business management information / reporting suite. We are actively investigating the viability of adopting more comprehensive reporting standards used by our stakeholders in order to align reporting and assist with client scope 3 reporting. This analysis has included SRS, the social housing reporting standard for ESG.
- We have successfully recorded and reported all relevant data associated with scope 1 and 2 emissions for the period 1 April 2022 – 31 March 2023.
- We have commenced a project to map and understand our scope 3 emissions including initial engagement with our supply chain.
- We have commenced realistic and achievable projects to reduce our carbon emissions as detailed later in this policy.
- DES intends that any target should be aligned with the Science-Based Targets initiative, intended to limit global warming by less than 1.5°C. We will be exploring the options and considering the benefits of formally signing up to the SBTi in due course. <https://sciencebasedtargets.org>
- In the longer term, DES will work with its key partners to support their efforts to reach net zero, with the aim to influence and improve our supply chain.

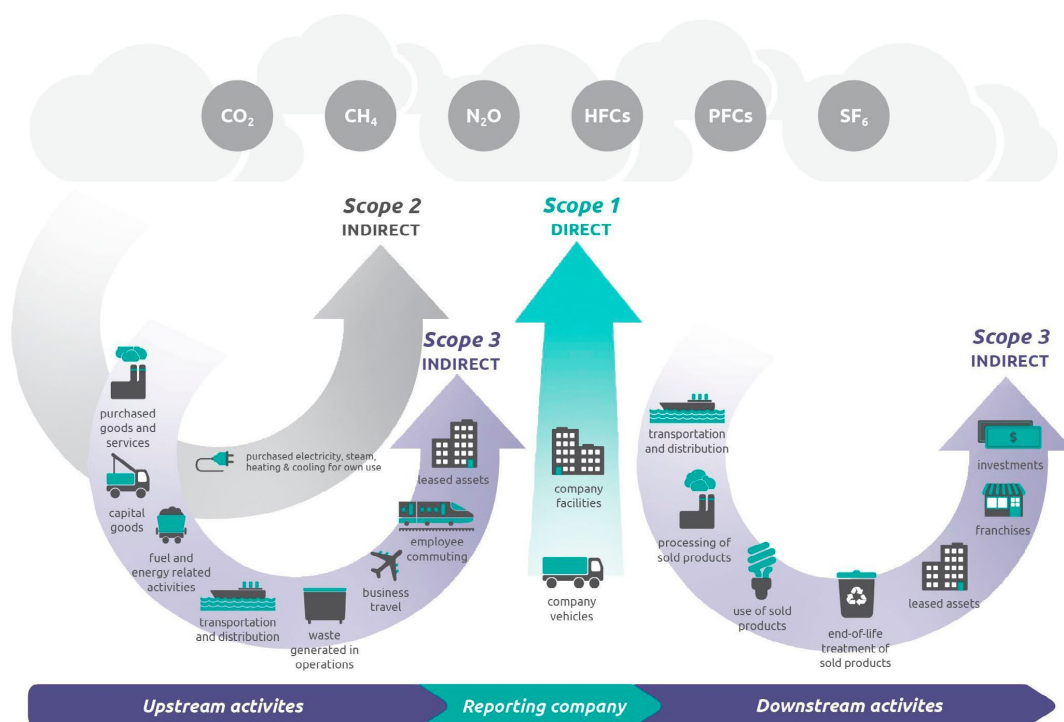


Figure 1: WRI GHG Protocol

## Baseline emissions footprint

Baseline emissions are a record of the carbon emissions that have been produced in the past, prior to the introduction of any mitigation measures. Baseline emissions are the reference point against which emissions reduction can be measured. DES originally used data from 2021 as the baseline year. To improve reporting and integrate carbon reporting into the wider business management information, we have re-benchmarked data to align to the 2022-2023 financial reporting period.

Baseline year: financial year 2022/23

DES has re-baselined its carbon footprint for Scope 1 and 2 emissions as follows.

Baseline Year: FY 2022-2023	
Emissions	Total (tCO <sub>2</sub> e)
Scope 1	64
Scope 2	33
Scope 3	TBC
<b>Total Emissions</b>	<b>97</b>

## Carbon Reduction projects

Our carbon reduction projects include the following.

Project	Description	Time frame
ISO 14001 (Energy Management)	Framework to map out an environmental management system in place and will be used to continually monitor and reduce our energy use.	Ongoing
Group transport carbon reduction plan	<b>New/Replacement fleet</b> - Consider leasing options and reducing company car ownership - We will introduce a policy on selecting low emissions lease vehicles where applicable. - All new vehicles to be Euro6 as a minimum - Primary vehicle users to complete an electric vehicle viability survey before their ICE vehicle is replaced to understand if their usage would make an electric vehicle or low emission hybrid vehicle viable.	Target of 10% reduction in carbon per annum
	<b>Optimising our existing fleet</b> - We will consider implementing a driver training awareness programme to reduce our fuel and carbon footprint by 2025. - We will continue to track and optimise our driver behaviour through our telematics tracking system.	Under review and planned for completion by 2025
	<b>Innovation</b> - We are currently investigating the potential for electric and hybrid vehicles with an aim to move to full hybridisation by 2025 and full electrification by 2030.	Under review and planned for 2030
Life cycle impact of products	- Working with suppliers to identify unsustainable products that we supply to customers. - Where possible we use local suppliers to minimise our carbon footprint. - Ongoing conversations with suppliers with recommendations for them to create Environmental Product Declarations (EPDs) in due course.	Ongoing

Partnership influence	We work closely with our supply chain partners to seek opportunities to reduce carbon emissions further. For example, we are working with Worcester boilers to investigate the possibility of a boiler recycling scheme with a “zero to landfill” policy. The ultimate aim of our partnership is to provide our customers with boilers and heat pumps that can, at some point in the near future, be 100% recycled/reused at the end of their life.	Ongoing
Scope 3 (supply chain impact)	From 2025 we will be measuring our total Scope 3 impact, following the GHG protocol. Our intention is to undertake a full assessment in due course following an initial screening methodology. This measurement may occur before the deadline date.	2025
Reuse and recycling	<p>Re-use –</p> <ul style="list-style-type: none"> <li>- We will reuse non-returnable containers on-site to the maximum extent possible (e.g., develop ‘one-hundred-and-one-uses’ for plastic barrels, buckets, and tubs).</li> </ul> <p>Recycle – Our proposed recycling opportunities for both on and off-site are:</p> <ul style="list-style-type: none"> <li>- Using local waste contractors demonstrating high levels of performance.</li> <li>- IT equipment recycled as per the WEEE Directive – where IT equipment and Electrical Equipment cannot be reused / recycled, it will be disposed of as WEEE Waste.</li> <li>- 100% of office paper at our local branch will be recycled complying with our ‘shred it’ recycling scheme.</li> </ul>	Ongoing
Innovation	- We are exploring options to replace gas heating systems such as Air and ground source pumps, Hybrid Systems or Hydrogen Boilers	Ongoing

## 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 uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

This carbon reduction plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of Dyson Energy Services:

Martin Holmes

Name: Martin Holmes

Position: Director

Date: 9/4/2023