



Carbon Reduction Plan

Publication date: November 2023

Goal

DXS (UK) Ltd is dedicated to reaching Net Zero emissions by 2030, achieved through substantial carbon footprint reduction while upholding the highest standards of service and innovation in the digital healthcare sector.

About DXS (UK) Ltd

DXS offers Clinical Decision Support (CDS) solutions to its NHS partners, providing current and personalised treatment pathways, unique SMART Referral Forms, a comprehensive Knowledge Hub, and clinician recommendations.

Our BestPathway CDS solution delivers information to healthcare professionals during the consultation that is pertinent to the patient being seen.

Our next-generation solution, Aios, was developed in response to the formation of ICSs/ICBs and the digitalisation challenges within the NHS Long Term Plan, particularly the issue of limited system interoperability in the Health and Social Care landscape.

As an Open API Platform, Aios facilitates seamless integration for external organisations, enabling them to harness existing systems and access DXS's broader Aios services and solutions.

Our Pledge

DXS acknowledges the urgent need for environmental change and is resolutely committed to achieving net-zero status by 2030, aligning with NHS targets. We pledge to realise this commitment through the following initiatives:

1. Energy Efficiency and Renewable Sources

- **Transition to Renewable Energy:** DXS (UK) Ltd will procure a significant portion of its energy from renewable sources such as solar, wind, and hydroelectric power.
- **Data Centre Optimisation:** Implement energy-efficient practices in data centres, encompassing virtualisation, cooling optimisation, and the use of energy-efficient servers and equipment.
- **Office Infrastructure:** Collaborate with our building management company to promote their carbon reduction goals, such as installing smart lighting, HVAC systems, and occupancy sensors in office spaces to curtail energy consumption.

2. Remote Work and Digitalisation

- **Remote Work Infrastructure:** Continuously enhance remote work options for employees, reducing the need for commuting and office space, thus decreasing energy consumption and emissions.
- **Digital Health Platforms:** Encourage customer utilisation of digital health platforms, reducing the necessity for physical appointments and travel.
- **Paperless Operations:** Shift towards digital documentation and electronic communication to diminish paper consumption and waste.

3. Sustainable Supply Chain

- **Supplier Engagement:** Collaborate with suppliers to adopt sustainable practices, incorporating energy-efficient manufacturing and transportation.
- **Product Lifecycle Analysis:** Consider the environmental impact of products and services at every stage of their lifecycle.

4. Eco-Friendly Technology

- **Green Software Development:** Develop software and applications with a focus on energy efficiency, optimising code and algorithms for minimal resource consumption.
- **Eco-Friendly Hardware:** Employ energy-efficient devices and equipment for both in-house operations and customer offerings.

5. Employee Engagement and Education

- **Carbon Literacy Programme:** Educate employees about the company's carbon reduction goals, motivating them to adopt sustainable practices in both work and personal lives.
- **Green Teams:** Establish cross-functional teams to brainstorm and implement innovative ideas for reducing carbon emissions.

6. Carbon Offsetting and Reporting

- Carbon Offsetting: Invest in verified carbon offset projects to compensate for emissions that cannot be eliminated.
 - We will explore more:trees' carbon off-setting initiatives.
 - Our partnership with more:trees, since 2022, has led to the planting of 4310 trees, sequestering 1293.00 tonnes of CO₂.
- Environmental, Social, and Governance (ESG) Initiative: Introduce an ESG initiative to assess and score all projects for continuous improvement. Regular reviews and quarterly reporting will be conducted.
- Regular Reporting: Publish annual sustainability reports outlining progress toward carbon reduction goals, transparency in emissions data, and initiatives undertaken.

7. Collaborative Partnerships

- Industry Collaboration: Partner with AHSNs/HINs, as well as other healthcare and technology companies, to share best practices and collaborate on industry-wide carbon reduction initiatives.

Baseline Emissions Reporting

YEAR: 2019											
	Emissions (tCO ₂ e)										
Scope 1	10.361										
Scope 2	5.753										
Scope 3 N.B. 5 categories defined by the GHC Protocol. Sources include utility bills and company data.	<table><tbody><tr><td>1. Business Travel</td><td>16.588</td></tr><tr><td>2. Employee Commuting</td><td>14.995</td></tr><tr><td>3. Employee Home Working (x3)</td><td>1.950*</td></tr><tr><td>4. Water/Wastewater Usage</td><td>0.114</td></tr><tr><td>5. Hotel Accommodation</td><td>0.835</td></tr></tbody></table>	1. Business Travel	16.588	2. Employee Commuting	14.995	3. Employee Home Working (x3)	1.950*	4. Water/Wastewater Usage	0.114	5. Hotel Accommodation	0.835
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3. Employee Home Working (x3)	1.950*										
4. Water/Wastewater Usage	0.114										
5. Hotel Accommodation	0.835										
Total tCO ₂ Emissions	50.596										

* Same conversion factor used as per 2022, as no figures available for 2019

Current Emissions Reporting

YEAR: 2022	
	Emissions (tCO2e)
Scope 1	N/A
Scope 2	3.065
Scope 3 N.B. 5 categories defined by the GHC Protocol. Sources include utility bills and company data.	1. Business Travel 3.817 2. Employee Commuting 3.696 3. Employee Home Working (x9) 5.860 4. Water Usage (x2 persons/day) 0.010 5. Hotel Accommodation 0.052
Total tCO2 Emissions	16.500

Target Reporting

	2023	2024	2025
	Emissions (tCO2e)		
Scope 1	N/A	N/A	N/A
Scope 2	2.958	2.854	2.754
Scope 3 N.B. 5 categories defined by the GHC Protocol. Sources include utility bills and company data.	12.965	12.511	12.073
Total Emissions (tCO2e)	15.923	15.365	14.827

Emissions Reduction Targets

In a 2019 UN Environment Programme meeting in Geneva, it was emphasised that global greenhouse gas emissions should decline by 7.6% annually from 2020 to 2030 to achieve the 1.5°C target set by the Paris Agreement. DXS (UK) Ltd has already surpassed this reduction, as demonstrated in our 2022 report. Nonetheless, we remain committed to further reducing our carbon emissions.

Our projection indicates that carbon emissions will decrease to 14.827 tCO₂e by 2025, representing a reduction of 10.15%.

Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline. The carbon emission reduction achieved by these schemes equate to 34.096 tCO₂e, a 67.39% reduction against the 2019 baseline and the measures will be in effect when performing the contract.

- **MoreTrees (more:trees):** Our partnership has resulted in significant tree planting, sequestering carbon emissions.
- **Segregation of Office Waste:** Implementing effective waste segregation practices within our office premises to minimise environmental impact.
- **Reduced Staff Travel:** Encouraging and implementing measures to reduce staff commuting, thereby reducing carbon emissions.
- **Remote Working and Virtual Meetings:** Promoting remote work options and virtual meetings to decrease the need for physical office presence and travel.
- **Virtual Training:** Shifting training sessions to virtual platforms, reducing the need for in-person training and associated travel.
- **Transition to Cloud-Based Storage and Management:** Moving data and operations to cloud-based systems for increased efficiency and reduced energy consumption.

Future Carbon Reduction Initiatives

In addition to our continuous evaluation, we plan to introduce further measures in the future, including:

- **Case Studies:** We will showcase case studies that highlight the positive impact of SMART Referral Forms on carbon reduction.
- **DXS International:** We will expand carbon emissions reporting and recording to include all operations.
- **Awareness Campaigns:** We will expand efforts to raise awareness about DXS's sustainability goals.

Continuous Improvement

DXS (UK) Ltd is dedicated to ongoing improvement in our carbon reduction efforts. We will regularly assess and refine our carbon reduction targets in accordance with evolving industry standards and technological advancements.

Furthermore, we will actively seek input from our employees, customers, and stakeholders to identify new opportunities for enhancement.

Through these measures, DXS (UK) Ltd will play a part in the worldwide endeavour to reduce carbon emissions.

Declaration and Sign-off

This Carbon Reduction Plan has been meticulously developed in accordance with PPN 06/21 and its associated guidance, adhering to the reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded, following the GHG Reporting Protocol corporate standard and employing the government's emission conversion factors for greenhouse gas company reporting.

Scope 1 and Scope 2 emissions have been reported in compliance with SECR requirements, and the essential subset of Scope 3 emissions have been reported in line 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 officially approved by the board of directors.

Signed on behalf of the Supplier: 

Date: 8 November 2023