

# Carbon Reduction Plan

Supplier name: Digital Space Limited

Publication date: 06/08/2024

## Commitment to achieving Net Zero

Digital Space is committed to achieving Net Zero emissions by 2035

## 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>	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	146 (lower than normal because of Covid's reduction in business travel)
<b>Scope 2</b>	2417
<b>Scope 3 (Included Sources)</b>	367 Tracked with reference to data that we have about our own activities (electricity transmission and distribution loss, third-party vehicle use, business travel, hotels) but with no mapping of upstream and downstream emissions.
<b>Total Emissions</b>	2,927

## Current Emissions Reporting

Reporting Year: 2023

<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	33.71
<b>Scope 2</b>	0.00 (Market Based)
<b>Scope 3 (Included Sources)</b>	<b>Water emissions (part of category 1) = 1.03</b> <b>Category 3 = 21.57</b> <b>Category 4 = 0.74</b> <b>Category 5 = 13.93</b> <b>Category 6 = 190.32</b> <b>Category 7 = 323.97</b> Total Scope 3 = 551.56
<b>Total Emissions</b>	585.27

## **Emissions reduction targets**

To continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets:

We committed to a 42% reduction from 2020 levels by 2030 as part of the [Science Based Targets Initiative](#).

We have committed to be net zero by 2035 (fifteen years ahead of the government target) and we are using the project recommendations from our Energy Saving Opportunity Scheme report, alongside some consultancy work that we commissioned on getting to net zero to inform our net zero pathway.

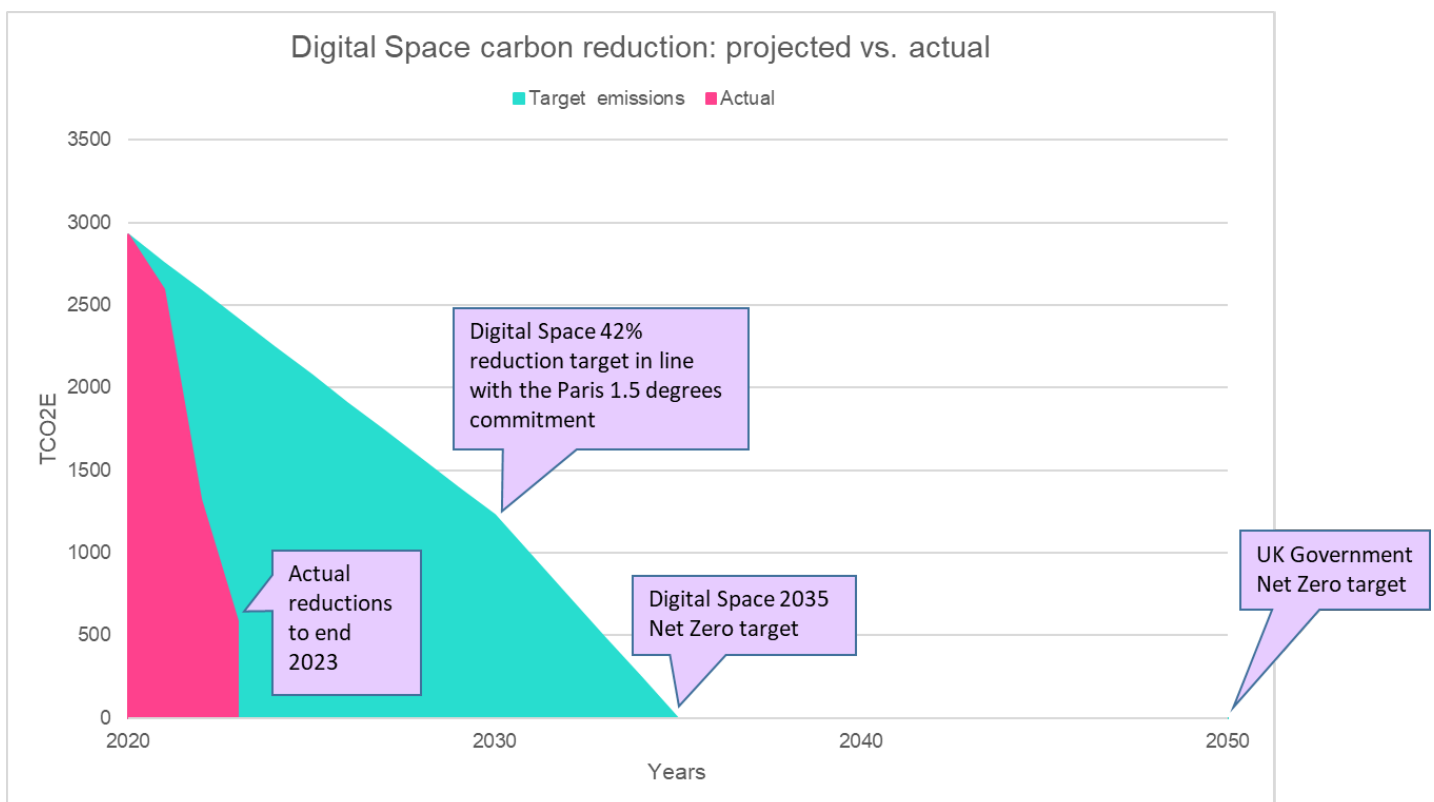
We now set both quantifiable and intensity targets for carbon reduction on an annual basis and measure them through our ISO14001 environmental management system. Our carbon emission data is checked by external environmental consultants who produce our annual Streamlined Energy & Carbon Reports.

Electricity usage in the data centres that we run for ourselves and our customers, remains our biggest source of location-based carbon emissions, although our continued commitment to buying our electricity from renewable sources means that our market-based Scope 2 emissions are zero. Our current expectation is that demand for private cloud hosting in those data centres will decline in the 2020s as Cloud hosting increases but there are also countervailing pressures from data sovereignty requirements and the need to store and serve content close to where it's consumed when using applications that use Internet of Things (IoT). The anticipated increase in public Cloud hosting should not result in a commensurate increase in emissions because our public Cloud providers are making good progress in transitioning to renewable energy and have already committed to net zero targets (by 2030 for Microsoft Azure

and by 2040 for AWS); and data centre technologies are becoming increasingly efficient (Data Centres and Data Transmission Networks – Analysis - IEA).

We have chosen to commit to a 2035 target for net zero because we seek to be ambitious in this area but we also recognize that removing the remaining emissions will be harder and we may need to use carbon offsets to get there. Our current approach is to measure our emissions more accurately (current and future work on mapping Scope 3 emissions) and to make as much progress as possible in reducing these emissions before we resort to offsetting. In 2022 we moved to renewable energy which has meant that we are already where we expected to be in 2030, so we believe we have time to make further reductions before we are resorting to offsetting.

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



## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

By the end of 2023, Digital Space had reduced our carbon emissions by 80% against our 2020 baseline. This was achieved primarily through moving to renewable electricity, but we also achieved a 20% reduction in location-based emissions over the same period which shows that we are also becoming more efficient. Key activities in improving our efficiency were reorganising our data centres and use of better cooling systems. We have also installed electric vehicle chargers at our headquarters.

Digital Space signed-up to the Science Based Targets Initiative, committing to reduce emissions by 42% by 2030, a target that we surpassed in 2022, eight years ahead of

schedule. We have also reported our wider sustainability using the Ecovadis Scorecard. Our first report resulted in a bronze award. Our last report gave us a silver award and placed us in the top 6% of the more than 100,000 organisations that Ecovadis assesses. We also hold the ISO 14001 environmental management standard and joined the UN Global Compact in 2023.

### Future Initiatives

In 2023, we used the regulatory requirement to produce an Energy Saving Opportunity Scheme (ESOS) report to prepare a detailed list of energy and carbon reduction initiatives. We are considering which of these to implement and when to do them but they include:

- Selling waste heat from our data centres to local companies
- Adding on-site solar photovoltaic panels at three of our offices
- Replacing existing fluorescent and halogen lighting with LED
- Using variable speed drives in data centre cooling towers

Identified projects, if implemented, would result in a further 17% reduction in emissions.

We hope to make progress in 2024 in defining a more detailed pathway to net zero.

### 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>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</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>3</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: .....06/08/2024.....

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<sup>1</sup><https://ghgprotocol.org/corporate-standard>

<sup>2</sup><https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

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