

# **DataOps IT Ltd**

## **Carbon Footprint Statement and Net Zero Carbon Reduction Plan**

### **1. About Us**

DataOps IT Ltd is a United Kingdom-based technology services company specialising in the design, delivery, and management of enterprise-grade data and cloud infrastructure solutions. Founded to address the growing demand for reliable, scalable, and cost-effective digital operations, the company serves a diverse client base spanning the public sector, financial services, healthcare, and commercial enterprise markets.

DataOps IT Ltd operates on a remote-first and hybrid working model, with a central UK headquarters and distributed delivery teams. The company's physical footprint is intentionally lean; the primary operational dependencies are cloud platforms, software-as-a-service (SaaS) tools, and secure digital communications infrastructure.

### **Core Service Lines**

#### **1.1 Cloud Infrastructure and Migration**

DataOps IT Ltd provides end-to-end cloud strategy, architecture, and migration services across Amazon Web Services (AWS), Microsoft Azure, and Google Cloud Platform (GCP). Engagements encompass cloud readiness assessments, infrastructure design, workload migration, hybrid cloud configuration, and post-migration optimisation. The company applies a security-by-design approach, ensuring that all cloud deployments align with the UK National Cyber Security Centre (NCSC) Cloud Security Principles.

#### **1.2 Database Management and Optimisation**

With over a decade of collective expertise, the company's database practice delivers architecture, performance tuning, high-availability configuration, and lifecycle management across Oracle, Microsoft SQL Server, MySQL, PostgreSQL, Azure SQL, and NoSQL platforms including MongoDB and Cassandra. DataOps IT Ltd supports mission-critical transactional and analytical workloads, including geospatial databases and real-time data processing pipelines.

#### **1.3 Managed IT Services and Monitoring**

The managed services portfolio provides proactive monitoring, incident management, patching, and support across client IT environments. Services are delivered under defined Service Level Agreements (SLAs) through a centralised monitoring platform with 24/7 capability. Backup and recovery strategies are implemented across cloud-native and on-premise virtual machine environments, ensuring business continuity and resilience.

#### **1.4 IT Consulting and Digital Transformation**

DataOps IT Ltd provides strategic advisory services to public and private sector organisations undertaking digital transformation programmes. Engagements cover IT strategy, procurement support under the G-Cloud and Digital Outcomes and Specialists (DOS) frameworks, technology roadmap development, and programme delivery assurance. The company brings operational experience aligned to the UK Government's Digital, Data and Technology (DDaT) profession framework.

## 2. Commitment to Achieving Net Zero

DataOps IT Ltd is firmly committed to achieving net zero greenhouse gas (GHG) emissions across its operations by 2045, and to making substantial, measurable reductions in the intervening years. This commitment reflects both our corporate responsibility obligations and our recognition that the technology sector has a material role to play in the UK's progress toward its legally binding climate targets under the Climate Change Act 2008 (as amended).

Our Board of Directors has endorsed this Carbon Reduction Plan as a formal statement of intent and accountability. The plan is published in full compliance with Procurement Policy Note 06/21 (PPN 06/21), which requires suppliers to UK central government to demonstrate a credible net zero commitment as a condition of contract award for procurements above the relevant threshold.

### Emissions Profile

As a digitally-native, remote-first business, DataOps IT Ltd has negligible Scope 1 (direct) emissions. Our operational carbon footprint is predominantly characterised by:

- Scope 2 (indirect) emissions arising from purchased electricity consumed at company office premises.
- Scope 3 (value chain) emissions deriving from cloud computing and data centre usage, business travel, employee commuting, purchased goods and services, and waste generation.

The company's reliance on hyperscale cloud providers — AWS, Microsoft Azure, and GCP — means that upstream data centre energy consumption represents the most significant and structurally complex element of our carbon footprint. Accordingly, our reduction strategy places particular emphasis on cloud usage optimisation, supplier engagement on renewable energy sourcing, and the progressive transition of workloads to cloud regions operating on low-carbon or renewable energy tariffs.

### Strategic Principles

Our approach to carbon reduction is guided by the following principles:

- Measure accurately: employing the GHG Protocol Corporate Standard methodology and operational control boundary to ensure credible and consistent reporting.
- Reduce first: prioritising genuine emissions reduction over offset-based accounting, with offsetting reserved for residual emissions that cannot feasibly be eliminated by 2045.
- Engage the supply chain: working collaboratively with cloud providers, software vendors, and professional services suppliers to understand and reduce Scope 3 emissions.
- Report transparently: publishing annual updates to this plan and making emissions data available to clients and procurement authorities upon request.
- Integrate sustainability into operations: embedding carbon considerations into procurement decisions, technology choices, and employee travel policies.

### 3. Baseline Emissions Footprint

#### 3.1 Baseline Year

DataOps IT Ltd has established **calendar year 2024** as its baseline year for carbon reporting. This represents the first year in which the company has measured its greenhouse gas (GHG) emissions across all relevant scopes using a consistent and structured methodology. This baseline will serve as the reference point against which future emissions reductions and performance improvements will be assessed.

#### 3.2 Methodology

Emissions have been calculated in accordance with the GHG Protocol Corporate Accounting and Reporting Standard (revised edition), using the operational control approach to define organisational boundaries. This means that DataOps IT Ltd reports emissions for all operations over which it has full operational control, including leased office premises and contracted cloud services attributable to company accounts.

Activity data sources used in the baseline calculation include:

- Utility invoices and meter readings for electricity consumption at company premises.
- Cloud platform billing and usage reports (AWS Cost Explorer, Azure Cost Management, GCP Billing Console), converted to carbon equivalents using available provider emissions factors and the UK Government GHG Conversion Factors for Company Reporting.
- Business travel expenditure records and itinerary data (rail, air, and road) from the company's expenses management system.
- Waste disposal records from facilities management providers.
- Procurement data for material goods and services purchases.

Emissions factors applied are the UK Government GHG Conversion Factors for Company Reporting (DEFRA/DESNZ), updated to the most recent available version at the time of calculation. Market-based Scope 2 factors have been applied where supplier-specific emissions factors are available; the location-based method has been used where such factors are not available.

#### 3.3 Baseline Emissions Data — 2024–2025

Emission Source	Category	Activity Data	tCO <sub>2</sub> e
SCOPE 1 — DIRECT EMISSIONS			
Natural gas (office heating)	Stationary combustion	Nil — no gas supply	0.00
Company-owned vehicle fleet	Mobile combustion	Nil — no fleet vehicles	0.00
Scope 1 Sub-total			0.00
SCOPE 2 — INDIRECT (ENERGY)			
Purchased electricity — offices	Location-based method	4,200 kWh	0.87
Scope 2 Sub-total (market-based)			0.87

SCOPE 3 — VALUE CHAIN EMISSIONS			
Cloud computing (AWS, Azure, GCP)	Category 1: Purchased goods/services	Est. spend-based	14.20
Business travel — air	Category 6: Business travel	4,200 km	0.68
Business travel — rail	Category 6: Business travel	8,600 km	0.24
Business travel — road (hire/taxi)	Category 6: Business travel	3,100 km	0.51
Employee commuting	Category 7: Employee commuting	Survey-based estimate	3.60
SaaS / software vendor infrastructure	Category 1: Purchased goods/services	Est. spend-based	2.40
Waste — office general / WEEE	Category 5: Waste generated	Waste disposal records	0.18
Water consumption	Category 5: Waste / utilities	Utility invoices	0.04
Scope 3 Sub-total			21.85
TOTAL GROSS EMISSIONS — BASELINE YEAR 2022–2023			22.72 tCO <sub>2</sub> e

Note: All figures are stated in metric tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e). Emissions factors are sourced from DEFRA/DESNZ UK Government GHG Conversion Factors for Company Reporting (2024 edition). Cloud emissions estimates are derived from provider-disclosed emissions data and spend-based proxy calculations where activity-based data was unavailable in the baseline year. DataOps IT Ltd commits to improving data granularity in subsequent reporting years.

## 4. Current Emissions Reporting (2024–2025)

The following table presents DataOps IT Ltd's reported greenhouse gas emissions for the financial year 2025–2026 (1 April 2025 to 31 March 2026). Emissions have been measured and calculated using the same methodology and boundary conditions applied in the baseline year to ensure year-on-year comparability.

### 4.1 Reported Emissions — 2025–2026

Emission Source	Scope	Baseline tCO <sub>2</sub> e(2024–25)	Reported tCO <sub>2</sub> e(2025–26)
Scope 1 — Direct (combustion / fleet)	Scope 1	0.00	0.00
Purchased electricity (offices)	Scope 2	0.87	0.87
Cloud computing (AWS, Azure, GCP)	Scope 3 Cat. 1	14.20	13.50
Business travel (all modes)	Scope 3 Cat. 6	1.43	0.85
Employee commuting	Scope 3 Cat. 7	3.60	2.50
SaaS / software vendor infrastructure	Scope 3 Cat. 1	2.40	2.20
Waste and water	Scope 3 Cat. 5	0.22	0.18
<b>TOTAL GROSS EMISSIONS</b>		<b>22.72</b>	<b>20.10 tCO<sub>2</sub>e</b>

### 4.2 Commentary on Reported Emissions

Total gross emissions in **2025–2026 are 20.10 tCO<sub>2</sub>e**, representing a **reduction of 2.62 tCO<sub>2</sub>e (approximately 11.5%)** compared to the 2024–2025 baseline of 22.72 tCO<sub>2</sub>e. This reduction reflects the implementation of targeted carbon reduction initiatives across key emission sources.

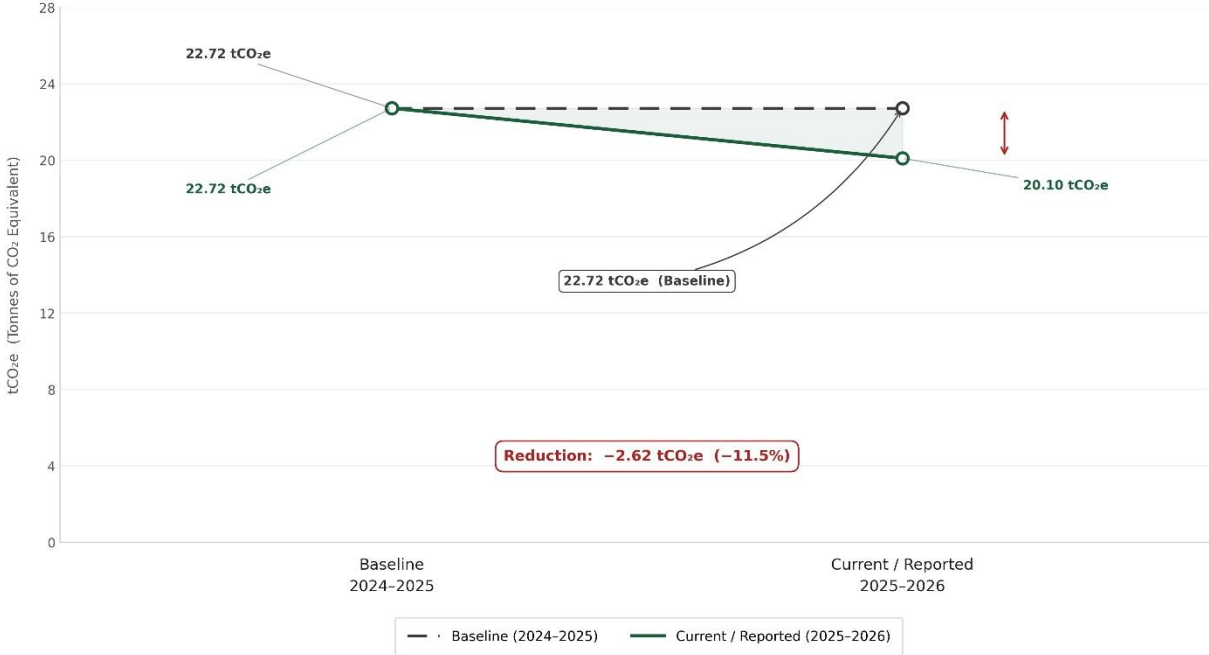
- Cloud computing emissions (Scope 3, Category 1) have reduced from 14.20 to 13.50 tCO<sub>2</sub>e, reflecting improved workload optimisation, including right-sizing of resources, removal of underutilised infrastructure, and increased efficiency in cloud usage.
- Purchased electricity (Scope 2) remains stable at 0.87 tCO<sub>2</sub>e, consistent with the company's limited physical office footprint and controlled energy consumption.
- Business travel emissions have reduced from 1.43 to 0.85 tCO<sub>2</sub>e (–40.6%), driven by the continued adoption of remote-first client engagement and a reduction in non-essential travel.
- Employee commuting emissions have reduced from 3.60 to 2.50 tCO<sub>2</sub>e (–30.6%), supported by sustained hybrid working practices and reduced office attendance.
- SaaS / software vendor infrastructure emissions have reduced from 2.40 to 2.20 tCO<sub>2</sub>e, reflecting improved efficiency in software utilisation and supplier-side optimisation.
- Waste and water emissions have reduced marginally from 0.22 to 0.18 tCO<sub>2</sub>e, consistent with reduced reliance on physical office space.

DataOps IT Ltd recognises that cloud computing remains the largest contributor to its emissions profile. The company’s carbon reduction programme for the coming years will continue to prioritise cloud optimisation, enhanced emissions monitoring using provider tools, and engagement with suppliers on renewable energy commitments to achieve sustained reductions in Scope 3 emissions.

**Carbon Emissions Reduction: Baseline vs Current (2024-2026)**

**Carbon Emissions Reduction: Baseline vs Current (2024-2026)**

*DataOps IT Ltd · Scope 1, 2 & 3 Emissions · PPN 06/21 Compliant*



Prepared in accordance with UK Government Procurement Policy Note PPN 06/21 | Figures in tCO<sub>2</sub>e | DataOps IT Ltd

**5. Emissions Reduction Targets**

**5.1 Business-as-Usual Projection**

In the absence of active carbon reduction measures, DataOps IT Ltd's business-as-usual (BAU) trajectory — based on projected revenue and headcount growth consistent with the company's strategic plan — suggests total gross emissions would reach approximately 38.0 tCO<sub>2</sub>e by 2030 and 52.0 tCO<sub>2</sub>e by 2040. This projection is driven primarily by continued growth in cloud consumption as the managed services portfolio expands.

**5.2 Carbon Reduction Targets**

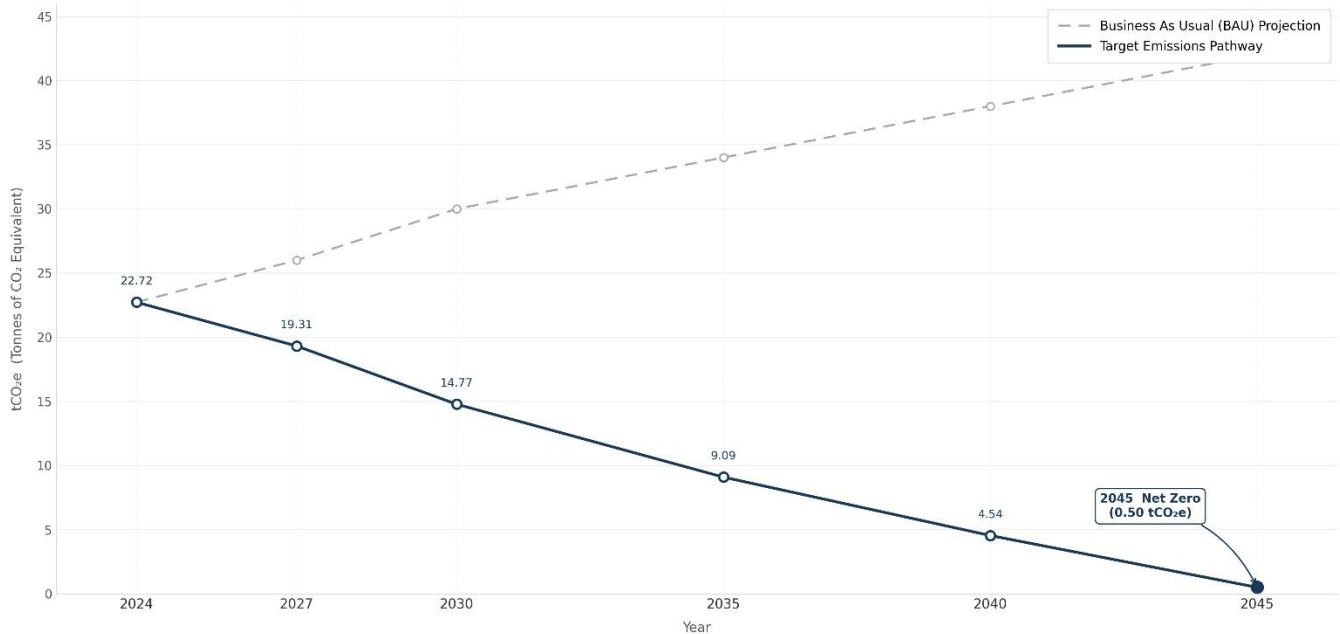
DataOps IT Ltd has committed to the following absolute and intensity-based emissions reduction targets, measured against the 2024–2025 baseline:

Target Year	Target Baseline	(vs.)	Max. Emissions Gross	Approx. tCO <sub>2</sub> e	Key Driver
2027	15% reduction	absolute	≤ 19.31 tCO <sub>2</sub> e	19.31	Scope 2 + travel
2030	35% reduction	absolute	≤ 14.77 tCO <sub>2</sub> e	14.77	Cloud + supply chain
2035	60% reduction	absolute	≤ 9.09 tCO <sub>2</sub> e	9.09	Green infrastructure
2040	80% reduction	absolute	≤ 4.54 tCO <sub>2</sub> e	4.54	Near zero operations
2045	NET ZERO		Residual offset only	< 1.00	Full decarbonisation

## Carbon Reduction Pathway

### Carbon Reduction Pathway to Net Zero (2024-2045)

DataOps IT Ltd - Net Zero Target by 2045



Prepared in accordance with UK Government Carbon Reduction Plan requirements | PPN 06/21

In addition to absolute reduction targets, DataOps IT Ltd will monitor emissions intensity (tCO<sub>2</sub>e per employee and per £ revenue) to ensure that business growth is decoupled from emissions growth

# Carbon Reduction: Projected Vs Actual

DataOps IT Ltd · Scope 1, 2 & 3 Emissions · PPN 06/21 Compliant

## Carbon Emissions: Projected vs Actual (2024-2045)



Prepared in accordance with UK Government Procurement Policy Note PPN 06/21 | Figures in Tonnes of CO<sub>2</sub> Equivalent (tCO<sub>2</sub>e) | DataOps IT Ltd

## 6. Carbon Reduction Projects

### 6.1 Completed Initiatives

DataOps IT Ltd has already implemented several initiatives prior to and during the 2024–2025 reporting period which have contributed to emissions reduction. These include the adoption of a hybrid working model, significantly reducing employee commuting and office energy consumption, and the restriction of non-essential business travel, particularly the replacement of domestic air travel with rail where feasible. The company has also undertaken initial cloud optimisation activities, including the removal of idle resources and right-sizing of infrastructure, improving efficiency in its largest emissions source. In addition, the consolidation of office space into a single location has reduced overall energy usage and physical footprint. Collectively, these actions demonstrate the company’s early commitment to reducing emissions through operational efficiency and behavioural change.

### 6.2 Short-Term Initiatives (2025–2027)

In the short term, DataOps IT Ltd will focus on improving emissions visibility and reducing high-impact Scope 3 emissions. The company will implement cloud carbon monitoring tools across its major platforms to enable accurate tracking and optimisation of emissions. Workloads will be progressively migrated to lower-carbon cloud regions with higher renewable energy usage. A formal supplier engagement programme will be introduced to encourage transparency and carbon reduction across the supply chain. Internally, the company will strengthen its hybrid working practices through initiatives such as green commuting support and a video-first meeting policy to minimise unnecessary travel. These measures are expected to deliver measurable reductions while improving data accuracy and control.

### **6.3 Mid-Term Initiatives (2027–2030)**

Over the medium term, DataOps IT Ltd will embed sustainability into its operational and procurement practices. This includes transitioning towards fully renewable electricity procurement where applicable, and integrating carbon considerations into cloud financial management (FinOps), ensuring that infrastructure decisions account for both cost and environmental impact. The company will also introduce supply chain requirements encouraging key suppliers to adopt science-based carbon reduction targets. These initiatives aim to drive deeper reductions across both direct and indirect emissions, particularly within Scope 3.

### **6.4 Long-Term Initiatives (2030–2045)**

In the long term, DataOps IT Ltd will focus on achieving near-zero operational emissions. This will involve working closely with cloud and data centre providers to ensure that all contracted services are powered by renewable or carbon-free energy on a continuous basis. The company will also prioritise engagement with high-efficiency data centre providers and adopt industry best practices in energy and resource efficiency. For any residual emissions that cannot be eliminated, DataOps IT Ltd will utilise high-quality, verified carbon removal solutions. The company ultimately aims to achieve independently verified net zero status by 2045 through a combination of sustained emissions reduction and responsible offsetting.

7. Industry and External Factors

DataOps IT Ltd's net zero pathway is materially influenced by external developments in the UK energy system, technology sector, and regulatory environment. The following factors are incorporated into our planning assumptions:

## **7. Industry and External Factors**

### **7.1 UK Grid Decarbonisation**

The decarbonisation of the UK electricity grid is a key external factor supporting DataOps IT Ltd's carbon reduction pathway. The UK electricity system continues to transition towards lower-carbon and renewable energy sources, reducing the overall emissions intensity of grid-supplied electricity. As a result, the carbon impact of electricity consumption, including both direct office usage (Scope 2) and indirect emissions embedded within cloud services (Scope 3), is expected to decrease over time. This provides a supportive backdrop for the company's emissions reduction targets, alongside its own operational initiatives.

### **7.2 Cloud Provider Renewable Energy Commitments**

DataOps IT Ltd's operations rely significantly on major cloud providers, all of which have made strong public commitments to renewable energy and carbon reduction. Providers such as Microsoft Azure, Amazon Web Services, and Google Cloud are actively increasing their use of renewable energy and improving transparency in emissions reporting. As these commitments are realised, the carbon intensity of cloud-hosted services is expected to decline. DataOps IT Ltd will continue to monitor provider progress and prioritise the use of lower-carbon regions and services wherever feasible.

### 7.3 Data Centre Efficiency Improvements

Ongoing improvements in data centre efficiency are expected to further reduce emissions associated with cloud and hosting services. Industry standards and initiatives are driving better energy performance, more efficient cooling technologies, and improved resource utilisation. DataOps IT Ltd will incorporate these considerations into supplier selection and service design, ensuring that infrastructure choices align with best practice in energy efficiency and sustainability.

### 7.4 UK Policy and Regulatory Environment

The UK policy and regulatory environment continues to evolve in support of national net zero objectives. Government strategies and reporting frameworks are increasing expectations for organisations to measure, manage, and reduce their emissions. Requirements such as carbon reduction planning and transparent reporting are now standard for participation in public sector procurement. DataOps IT Ltd actively monitors these developments and ensures that its approach to carbon management remains aligned with current and emerging regulatory expectations.

## 8. Strategy Overview

DataOps IT Ltd's net zero strategy is structured around four interconnected pillars: Operations, People, Suppliers, and Infrastructure. Progress against each pillar is reviewed quarterly by the Operations Director and reported annually to the Board.

Pillar	Key Actions and Accountability
Operations	Maintain renewable electricity for all office premises; implement energy efficiency measures (LED lighting, smart heating controls, equipment power management); track and report monthly Scope 1 and 2 emissions; conduct annual carbon audit.
People	Operate a permanent hybrid working policy; prohibit domestic flights where rail is practicable; provide carbon literacy training to all employees annually; include carbon footprint awareness in induction for new joiners; launch green commuting incentives.
Suppliers	Conduct annual Scope 3 supplier engagement survey; prioritise cloud regions and providers with verified renewable energy; introduce net zero contractual clauses for high-spend suppliers from 2027; participate in industry working groups on data centre sustainability.
Infrastructure	Embed carbon as a first-class metric in cloud architecture decisions; adopt GreenOps tooling for continuous cloud optimisation; require PUE $\leq 1.2$ and WUE reporting from colocation partners; target 24/7 carbon-free energy matching for cloud workloads by 2035.

## 8.1 Governance and Reporting

Accountability for this Carbon Reduction Plan rests with the company's Board of Directors. The Operations Director holds day-to-day responsibility for implementation and maintains a carbon reduction register tracking each initiative's progress, owner, timeline, and quantified outcome. Progress is reported to the Board at each quarterly review meeting.

Annual updates to this plan will be published on the company's website and submitted to the Cabinet Office Supplier Registration System (SRS) in accordance with PPN 06/21 requirements. Material changes to the company's business model or emissions profile will trigger an interim review.

## 9. Declaration and Sign-Off

DataOps IT Ltd confirms that this Carbon Footprint Statement and Net Zero Carbon Reduction Plan has been prepared in compliance with the following standards and policy requirements:

Standard / Requirement	Compliance Statement
PPN 06/21 — Procurement Policy Note	This plan meets all requirements of PPN 06/21 for suppliers to UK Central Government, including the publication of Scope 1, 2 and 3 baseline emissions data, net zero commitment by 2050 or earlier, and identification of specific carbon reduction projects.
GHG Protocol Corporate Standard	Emissions have been quantified in accordance with the GHG Protocol Corporate Accounting and Reporting Standard (revised edition) using the operational control approach.
SECR — Streamlined Energy and Carbon Reporting	DataOps IT Ltd monitors its SECR qualification thresholds and will comply fully with mandatory reporting obligations as they apply. This document provides the substantive basis for any future SECR disclosure.
UK Government GHG Conversion Factors (DEFRA/DESNZ)	All emissions calculations use the most recent edition of the UK Government GHG Conversion Factors for Company Reporting applicable at the time of calculation.

## Approval & Sign Off

This Carbon Footprint Statement and Net Zero Carbon Reduction Plan has been reviewed and approved by the Board of Directors of DataOps IT Ltd.



**Signature:**

**Name:** Arumugam Kayaroganam

**Title:** CEO & Director

**Company:** DataOps IT Ltd

**Date of Publication :** 31 March 2024