Carbon Reduction Plan

Carbon Reduction Plan 2025-2026

Digital Business As A Service (DBAAs) Ltd

Executive Summary

Digital Business As A Service (DBAAs) Ltd recognises the urgent need to address climate change and is committed to playing our part in achieving the UK's net-zero emissions target by 2050. As a leading provider of IT managed cloud services, web applications, and digital solutions across the United Kingdom, we understand both our environmental responsibility and the significant opportunity to drive positive change within the technology sector.

This Carbon Reduction Plan demonstrates our commitment to reducing greenhouse gas emissions across our operations and supply chain for the period 2025-2026. The plan sets out our baseline emissions, ambitious reduction targets, and comprehensive measures to achieve these goals whilst continuing to deliver exceptional service to our clients throughout England, Scotland, Wales, and Northern Ireland.

Our approach aligns with the UK Government's Green Finance Strategy and supports the transition to a low-carbon economy. We are committed to transparent reporting and continuous improvement in our environmental performance, recognising that sustainable business practices are essential for long-term success in the modern economy.

Company Overview and Commitment

Digital Business As A Service (DBAAs) Ltd operates as a technology-focused organisation providing comprehensive IT solutions to businesses across the UK. Our core services encompass managed cloud infrastructure, database optimisation, web and mobile application development, and strategic digital consulting. We serve clients ranging from small enterprises to large corporations, helping them leverage technology to achieve their business objectives whilst increasingly supporting their own sustainability goals.

Our commitment to environmental stewardship extends beyond compliance requirements. We pledge to achieve net-zero carbon emissions by 2040, demonstrating leadership within the UK technology sector. This commitment encompasses not only our direct operations but also our influence across our supply chain and client relationships. We believe that sustainable technology practices are fundamental to building a resilient digital economy that supports the UK's climate objectives.

The organisation recognises that the technology sector has a unique responsibility and opportunity to drive environmental progress. Through our services, we can influence the carbon footprint of numerous businesses whilst optimising our own operations for maximum environmental benefit. This dual approach enables us to multiply our positive impact across the UK business landscape.

Baseline Emissions Assessment

Our comprehensive emissions assessment for 2024 provides the foundation for our reduction targets and measures. This assessment follows internationally recognised standards and encompasses all material emission sources across our operations.

Scope 1

Direct Emissions primarily originate from our heating systems and any company vehicles used for client support and business operations. These emissions, whilst relatively modest given our service-based business model, represent areas where we have direct control and can implement immediate improvements. Our facilities across the UK rely primarily on natural gas for heating, representing the largest component of our direct emissions.

Scope 2

Indirect Energy Emissions result from electricity consumption across our office facilities and operational infrastructure. As a technology services provider, our electricity usage patterns reflect the energy-intensive nature of modern IT operations, including servers, networking equipment, and climate control systems necessary for optimal performance.

Scope 3

Other Indirect Emissions constitute the largest portion of our carbon footprint, reflecting the interconnected nature of modern business operations. These emissions include business travel for client meetings and project delivery, employee commuting patterns, the embedded carbon in our IT equipment and infrastructure, and significantly, the energy consumption associated with cloud services and data centres that support our client operations.

The assessment reveals that cloud services and data centre operations represent a substantial proportion of our Scope 3 emissions, highlighting the critical importance of partnering with environmentally progressive cloud providers and optimising our digital infrastructure for energy efficiency.

Carbon Reduction Targets

Our science-based targets demonstrate ambitious yet achievable commitments aligned with the UK's carbon budgets and international climate agreements. For the period 2025-2026, we have

established progressive targets that will deliver substantial emissions reductions whilst maintaining operational excellence.

2025 Targets focus on foundational changes that will establish the infrastructure and processes necessary for long-term decarbonisation. We aim to reduce total emissions by 15% from our 2024 baseline, with particular emphasis on Scope 1 and 2 emissions where we have direct control. This reduction will be achieved through energy efficiency improvements, renewable energy procurement, and optimisation of our operational practices.

2026 Targets build upon these foundations to achieve a 30% reduction in total emissions from our 2024 baseline. This accelerated reduction reflects the cumulative impact of our improvement measures and the maturation of renewable energy infrastructure across the UK. Combined Scope 1 and 2 emissions will be reduced by 45%, demonstrating our commitment to rapid decarbonisation of direct operations.

These targets align with the Science Based Targets initiative methodology and contribute to limiting global temperature increase to 1.5°C above pre-industrial levels. Our approach ensures that emission reductions are genuine and measurable, avoiding reliance on offsetting for core operational improvements.

Energy Efficiency and Renewable Energy Strategy

Our energy strategy represents a fundamental transformation of how we power our operations across the UK. The transition to renewable energy sources will substantially reduce our carbon footprint whilst supporting the UK's renewable energy sector and enhancing our energy security.

Renewable Energy Procurement will see us secure 100% renewable electricity supply contracts for all UK facilities by mid-2025. We will prioritise suppliers offering genuinely additional renewable capacity, supporting new wind, solar, and other clean energy projects across Britain. This approach ensures that our renewable energy procurement contributes to overall grid decarbonisation rather than simply redistributing existing clean energy.

Building Energy Efficiency improvements will reduce our overall energy demand through comprehensive upgrades to lighting systems, HVAC controls, and building management technologies. LED lighting installations across all facilities will be completed by Q3 2025, incorporating smart controls that respond to occupancy and natural light levels. Building management systems will optimise heating, cooling, and ventilation based on real-time requirements and weather conditions.

Heating System Transformation involves transitioning from natural gas to electric heating systems powered by renewable electricity. Heat pump installations will be prioritised for larger facilities, whilst smaller offices will transition to efficient electric heating systems. This transformation will eliminate the majority of our Scope 1 emissions whilst reducing overall energy consumption through improved efficiency.

The implementation of these measures will be phased to minimise operational disruption whilst maximising environmental benefits. Regular monitoring and optimisation will ensure that theoretical efficiency gains translate into measurable emission reductions.

Digital Infrastructure Optimisation

As a technology services provider, our digital infrastructure presents both our greatest environmental challenge and our most significant opportunity for positive impact. Our comprehensive optimisation strategy addresses both our direct digital footprint and our influence on client operations.

Cloud Services Strategy focuses on partnering exclusively with cloud providers demonstrating genuine commitment to renewable energy and operational efficiency. Major providers including Amazon Web Services, Microsoft Azure, and Google Cloud have made substantial investments in renewable energy and carbon neutrality, making them preferred partners for our client services. We will implement carbon-aware workload scheduling that automatically shifts computing tasks to regions and times when renewable energy availability is highest.

Infrastructure Efficiency improvements will reduce the energy intensity of our digital operations through architectural optimisation, efficient coding practices, and intelligent resource management. Database optimisation services will not only improve client performance but also reduce the computational resources required for equivalent functionality. This approach delivers both environmental and performance benefits for our clients.

Edge Computing Implementation will reduce data transmission requirements by processing information closer to end users. This strategy particularly benefits clients with distributed operations across the UK, reducing both latency and the energy consumption associated with long-distance data transfer.

Client Carbon Footprint Services will be developed to help clients understand and reduce the environmental impact of their digital operations. These services will include carbon footprint assessments, optimisation recommendations, and ongoing monitoring capabilities, enabling us to multiply our environmental impact across our client base.

Circular Economy and Resource Management

Our approach to equipment and resource management embodies circular economy principles that minimise waste, extend product lifecycles, and reduce the embedded carbon associated with new purchases. This strategy is particularly important given the carbon-intensive nature of IT equipment manufacturing.

Equipment Lifecycle Extension will be achieved through proactive maintenance, strategic upgrades, and refurbishment programmes that maximise the useful life of IT hardware. Rather than following traditional replacement cycles, we will assess equipment performance and

upgrade selectively to extend operational life whilst maintaining performance standards. This approach significantly reduces the embedded carbon associated with new equipment purchases.

Sustainable Procurement practices will prioritise suppliers and products with demonstrated environmental credentials. We will favour equipment manufacturers with science-based emission reduction targets and circular economy commitments. Refurbished and remanufactured equipment will be considered wherever performance requirements can be met, supporting the development of UK circular economy markets.

Waste Management Excellence will achieve maximum diversion of operational waste from landfill through comprehensive recycling, reuse, and recovery programmes. Electronic waste will be managed through certified recycling partners that can demonstrate responsible material recovery and processing. Single-use items will be eliminated from office operations in favour of reusable alternatives.

Resource Efficiency improvements will reduce overall material consumption through digital-first processes, efficient space utilisation, and shared resource models. Print volumes will be minimised through digital document management, whilst office spaces will be optimised for flexible use patterns that reduce overall facility requirements.

Supply Chain Engagement and Partnership

Our supply chain represents both a significant source of indirect emissions and a critical pathway for driving broader environmental improvements across the UK business community. Our engagement strategy focuses on partnership, transparency, and mutual support for decarbonisation objectives.

Supplier Environmental Requirements will be integrated into procurement processes and ongoing relationship management. Major suppliers will be required to demonstrate commitment to science-based emission reduction targets and provide transparent reporting on their environmental performance. This approach encourages continuous improvement whilst supporting suppliers in developing their own sustainability capabilities.

Collaborative Improvement Programmes will work with key suppliers to identify and implement emission reduction opportunities that benefit both parties. These programmes may include joint initiatives on renewable energy procurement, transport optimisation, or circular economy practices. By working collaboratively, we can achieve greater environmental benefits than would be possible through individual action.

Local Supply Chain Development will prioritise UK-based suppliers where practical, reducing transport emissions whilst supporting local economic development. This approach aligns environmental objectives with broader economic benefits for UK communities and businesses.

Performance Monitoring and Support will track supplier environmental performance through regular assessments and provide support for improvement initiatives. Rather than simply measuring performance, we will work actively with suppliers to overcome barriers to environmental improvement and share best practices across our supply network.

Innovation and Technology Leadership

Our commitment to environmental leadership extends to developing innovative solutions that advance sustainability across the UK technology sector. Through research, development, and knowledge sharing, we aim to accelerate the adoption of sustainable technology practices.

Green Technology Development focuses on creating software solutions that inherently reduce energy consumption and environmental impact. This includes carbon-aware algorithms that optimise computational efficiency, intelligent systems that reduce energy consumption in client operations, and monitoring tools that provide real-time feedback on environmental performance.

Research Partnerships with UK universities and research institutions will explore emerging technologies with potential for significant environmental benefits. Areas of focus include energy-efficient computing architectures, artificial intelligence applications for environmental optimisation, and sustainable data management practices.

Industry Knowledge Sharing through conferences, publications, and professional networks will disseminate best practices and lessons learned from our sustainability initiatives. This collaborative approach accelerates sector-wide improvements and establishes the UK as a leader in sustainable technology practices.

Client Innovation Support will help our clients adopt innovative technologies and practices that reduce their environmental impact whilst improving operational performance. This consultative approach ensures that sustainability improvements are aligned with business objectives and deliver measurable value.

Monitoring, Reporting and Continuous Improvement

Robust monitoring and reporting systems underpin our ability to track progress, identify improvement opportunities, and maintain accountability for our environmental commitments. Our approach provides transparency for stakeholders whilst supporting evidence-based decision making.

Data Collection Systems will capture emissions data across all significant sources through automated monitoring where possible and systematic manual collection where automation is not feasible. Monthly data collection will provide timely feedback on performance trends and enable rapid response to any deterioration in environmental performance.

Performance Analysis will identify the drivers of emissions changes and assess the effectiveness of reduction measures. This analysis will inform adaptive management approaches that optimise our environmental performance whilst maintaining operational excellence.

External Verification through third-party auditing will ensure the accuracy and credibility of our emissions reporting. Annual verification will provide stakeholders with confidence in our performance claims and support continuous improvement in data quality and reporting practices.

Stakeholder Communication will provide regular updates on progress through multiple channels including annual sustainability reports, quarterly stakeholder updates, and ongoing dialogue with clients, suppliers, and employees. This communication will be transparent about both successes and challenges, fostering trust and supporting collaborative improvement efforts.

Declaration and Commitment

This Carbon Reduction Plan represents Digital Business As A Service (DBAAs) Ltd's formal commitment to environmental leadership and responsible business practices. The plan has been developed in accordance with UK Government guidance PPN 06/21 and reflects our genuine commitment to supporting the UK's transition to a net-zero economy.

We commit to implementing the measures outlined in this plan, monitoring our progress transparently, and reporting annually on our environmental performance. This plan will be reviewed and updated annually to reflect changing circumstances, emerging opportunities, and lessons learned from implementation experience.

Our commitment extends beyond compliance requirements to encompass leadership within the UK technology sector and support for our clients', suppliers', and communities' environmental objectives. We recognise that addressing climate change requires collaborative action across all sectors of the economy and we are committed to playing our part in this vital endeavour.

Authorisation: This plan has been approved by the Board of Directors and represents the formal policy of Digital Business As A Service (DBAAs) Ltd.

For further information about our Carbon Reduction Plan or sustainability initiatives, please contact our designated Sustainability Officer. We welcome dialogue with stakeholders and collaboration opportunities that advance environmental objectives across the business community.