



Sustainable Tech & Cloud Technology Support

G-Cloud 15 Service Definition Document

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1 Deloitte Overview

As a leader in professional services, Deloitte LLP is committed to making an impact to our clients, our people and for society. We have over 27,000 staff based across the UK providing audit, risk advisory, tax, consulting, financial advisory and legal services to public and private clients across multiple industries. We work together to build trust, support inclusive growth, and build capability, enabled by our **breadth and depth of expertise across advisory, delivery, engineering and managed services.**

Our **public sector practice** serves Central Government, Government Agencies, Local & Regional Government, Defence, Security and Justice, Health and Social Care, Transport, Education and Housing. We also provide services to the Northern Ireland Office, Scottish Government, Welsh Government and Crown Dependencies.

Our Cloud Capability

At Deloitte, we help our clients **Imagine, Deliver** and **Run** the businesses of the future through the power of **Cloud**. We have deep Cloud architecture, engineering, operational, commercial, and business transformation expertise delivered by a team of more than 26,000 Cloud Practitioners globally. We have delivered over 2,000 cloud implementations over the past 5 years and have 60+ cloud centres of excellence supporting the delivery of cloud services to our clients.

In the UK, we have a team of over 100 Cloud managed service specialists plus the following certifications across AWS, Microsoft Azure, Google Cloud and Oracle Cloud Infrastructure (OCI):



We help our clients with all aspects of their journey-to-cloud and optimisation of their cloud and cloud-services investments. Our Cloud practice can support you to optimise your client investments, and to navigate your organisations cloud journey, providing specialist cloud architecture, engineering, and operational skills at all stages, with a large proportion of our team holding the clearances required to meet your specific security requirements.

Our AI Capability

Deloitte stands at the forefront of AI transformation and was recognised as a Leader in the 2025 IDC MarketScape for Artificial Intelligence (AI) services for the fourth consecutive time. Supported by a £3 billion investment in AI, Data, Automation, Cloud, and Cyber, we seamlessly integrate our deep AI expertise with our extensive cloud capabilities. Our UK team is part of 339K AI-fluent practitioners globally, and includes over 1,300 AI specialists and engineers, many of whom hold the necessary security clearances for public sector delivery.

Through the Deloitte AI Institute, our hub for cutting-edge research and innovation, and strategic alliances with leading hyperscalers, we empower public sector clients to optimise costs, streamline processes, and navigate their AI journey. We achieve this by leveraging our ReadyAI™ models, which provide end-to-end support for AI solution implementation, and our Trustworthy AI™ framework, ensuring responsible and ethical deployment.

Our alliances & ecosystems

To bring full value to our clients, Deloitte is a premier consulting partner with all the leading hyper-scale cloud vendors in the market including AWS, Google, Microsoft¹ and SAP. A selection of our partners and alliances are presented below:



What the analysts say

Don't just take our word for it. Deloitte is recognised by the analyst community as being **leaders in cloud transformation services**. This reflects the wealth of experience we have in delivering cloud services across the public sector and wider private sector combined with our out-of-the-box templates, tools and assets.

Gartner

Originating in 2021, Deloitte has been recognised as a Leader in this category for four years in a row. Deloitte was also positioned as a Leader in the **Gartner Magic Quadrant for Public Cloud Infrastructure Professional and Managed Services, Worldwide** in 2021, 2020 and 2019, the previous form of this category.

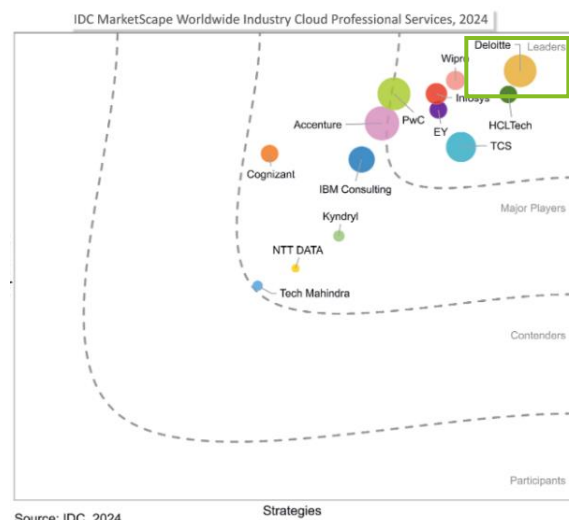


Gartner

Gartner: Magic Quadrant for Public Cloud IT Transformation Services. © Gartner inc. 2025

IDC

Deloitte has been awarded Leader status in the **IDC MarketScape: Worldwide Industry Cloud Professional Services 2024** Vendor Assessment. We have also been recognised as Leaders in **Hybrid IT Consulting & Integration Services** and **Software Engineering Services**.



Source: IDC, 2024

IDC MarketScape: Worldwide Industry Cloud Professional Services Vendor Assessment © IDC inc. 2024

Cloud Transformation

Transform Faster, Transform Smarter

Deloitte's Cloud Transformation can fast-forward your journey to the Cloud, unlocking innovation, efficiency, and growth.

[Find out more here](#)



¹ As Microsoft's Independent Auditor, Deloitte cannot have a direct or material indirect business relationship with Microsoft, such as having an alliance or being a registered partner. Nonetheless, Deloitte can provide Microsoft-related technology services and invests heavily across its global business building technical skills and capabilities to develop world-class consulting and solution delivery capabilities.

2 Service Overview

What is Sustainable Tech & Cloud Technology Support?

Sustainable Tech & Cloud Technology Support is a strategic advisory and implementation service designed to help public sector organisations navigate the complex intersection of technology, finance, and environmental responsibility. We empower you to not only reduce the carbon footprint of your technology estate but also to leverage technology as a critical enabler for achieving your enterprise-wide sustainability goals.

Our service moves beyond basic compliance, reframing sustainability as a driver of financial prudence and operational excellence. By integrating the principles of GreenOps and FinOps, we provide the strategy, data foundations, and technical expertise to make data-led decisions that optimise for both cost and carbon. We provide the strategy, data foundations, and technical expertise required to transform your technology function from a source of emissions into a catalyst for your Net Zero ambition, ensuring your digital transformation is also a sustainable one

Key Features	Key Benefits
Emissions Quantification & Baseline	Establish an Assurance-Ready Baseline: Gain a complete and defensible footprint of your technology estate to meet regulatory demands and inform strategy with trusted data.
Cloud-Based ESG Data Foundations	Create a Single Source of Truth: Break down data silos with a scalable, cloud-native platform for all ESG data, enabling automated, consistent, and transparent reporting.
Green-Fin-Ops Advisory	Unlock Financial Value from Sustainability: Make a direct, quantifiable link between carbon reduction and cost savings, optimising cloud spend and improving your return on technology investments.
AI-Powered Analytics & Optimisation	Accelerate Your Path to Net Zero: Use predictive insights to identify emission hotspots, forecast energy consumption, and optimise workloads for maximum environmental and financial impact.
Sustainable Architecture & Governance	Build a Resilient and Future-Proof Estate: Embed sustainability into your technology governance, architectural principles, and procurement to mitigate risk and reduce technical debt.
Green IT Learning & Culture Change	Empower Your Teams to Drive Change: Build critical sustainability skills and awareness within your technology organisation, fostering a culture of environmental accountability.

Who is this service for?

This service is designed for UK public sector leaders grappling with the dual challenge of digital modernisation and environmental accountability. Our typical stakeholders include:

- **CIOs, CTOs, and CDIOs:** Tasked with managing rising cloud costs and a growing data footprint, who need to answer the question: "What is the carbon footprint of my IT estate and how can I reduce it?"
- **Directors of Sustainability & CSOs:** Who need to translate ambitious Net Zero policies into real-world impact and require reliable, assurance-ready data to prove progress and inform enterprise strategy.

- **Heads of Cloud, Platform, and Infrastructure:** Responsible for the operational efficiency and performance of core technology, who need to balance service delivery with increasing pressure to reduce energy consumption.
- **Enterprise & Solution Architecture Leads:** Who must design future-proofed, scalable, and efficient technology solutions that are sustainable by design, moving beyond purely functional requirements.
- **Finance Directors & COOs:** Who demand a clear return on investment for every technology project and need to manage emerging climate-related financial and regulatory risks.

Example Scenarios

A central government department needs to comply with new reporting mandates but lacks visibility of the emissions generated by its complex mix of on-premise data centres and multi-cloud services. Our service helps them establish a complete, assurance-ready baseline and an automated data foundation for future reporting.

A major public agency is pursuing an ambitious Net Zero strategy but struggles to connect high-level goals with its technology operations. We help them develop a Net Zero roadmap for their tech estate and implement a Green-Fin-Ops model to ensure that every new technology investment is optimised for both cost and carbon.

A local authority wants to modernise its services by migrating to the cloud but needs to build a robust business case that proves the move is both financially and environmentally sound. Our service provides the analysis to quantify the potential carbon savings and cost reductions, justifying the investment.

3 Detailed Service Description

Our Sustainable Tech & Cloud Technology Support service is a suite of modular capabilities designed to meet your organisation wherever you are on its sustainability journey. We recognise that there is no one-size-fits-all path to Net Zero. Whether you are taking your first steps and need to understand your current impact, looking to build capability within your teams, or are ready to optimise a mature programme, our service provides a tailored entry point. These capabilities can be delivered as standalone engagements to solve a specific problem or combined for a comprehensive, end-to-end transformation.

Diagnostics & Discovery: Understanding Your Starting Point

Before a strategy can be formed or a single initiative launched, it is essential to have a clear and honest understanding of your current position. Our diagnostic services provide this critical clarity through either a qualitative assessment of your organisational readiness or a quantitative measurement of your environmental footprint.

Tech Sustainability Maturity Assessment

For organisations unsure where to begin or those wanting to validate their current approach, our Maturity Assessment is the perfect entry point. This diagnostic service evaluates your current sustainable technology capabilities against our comprehensive maturity framework, which assesses everything from governance and strategy to tools and culture. The process provides a clear, qualitative understanding of your strengths, weaknesses, and organisational readiness for change, allowing you to focus investment and effort where it will have the greatest impact. The outcome is a detailed report that provides a clear-eyed view of your current state and a high-level roadmap of potential improvement areas.

Emissions Quantification & Baseline

For organisations that need to answer the question, "What is our impact?", this service provides the definitive, quantitative answer. We conduct a comprehensive assessment of your technology estate's carbon footprint, aligned with the GHG Protocol to ensure the outputs are assurance-ready for both internal governance and external reporting. Our methodology covers your entire digital ecosystem—including on-premise data centres, multi-cloud services, and end-user devices—to create a complete and defensible emissions baseline.

Proven Impact: For a large public finance organisation, we established an emissions baseline for an IT estate serving 120,000 users covering Data Centre, Cloud, and Device emissions. This provided the critical first step in their Net Zero journey, creating a clear and defensible starting point from which to measure all future progress and build a strategic roadmap.

Strategy & Advisory: Defining Your Path Forward

With a clear understanding of your current state, the next step is to define a clear, value-driven, and achievable path forward. Our strategy and advisory capabilities are designed to help technology leaders answer their most pressing sustainability questions: "What can I influence?", "How do we comply with new regulations?", and "How do we turn this obligation into an opportunity for growth and efficiency?". We help you build a pragmatic strategy that aligns technology with your organisation's core purpose and Net Zero ambition.

Net Zero Strategy for Technology

This service translates the outputs of our diagnostic work into a coherent and actionable strategy. We work with your leadership to develop a pragmatic and prioritised roadmap that aligns technology initiatives with your broader corporate Net Zero targets. We address the key drivers for change—from continued compliance and risk mitigation to enhancing brand equity and gaining a competitive advantage. The outcome is a clear strategy that defines where to focus, what to invest in, and how to measure success, providing technology leaders with the confidence to champion the sustainability agenda across the enterprise.

Sustainable Architecture Advisory

A strategy requires a technical blueprint to become reality. Drawing from our Composable Sustainability Architecture (CSA) methodology, this service helps your architects and engineers design future-proofed, scalable, and efficient architectures that are sustainable by design. We analyse your current technology landscape to identify opportunities for improvement and co-design a target-state architecture that is not only effective but also minimises technical debt and environmental impact. The result is a clear, actionable technology roadmap that de-risks investment and connects your high-level strategy directly to technical execution.

Sustainable Technology Market Analysis

The sustainability technology market is complex and evolving rapidly. To help you navigate it, we provide objective, data-driven market analysis of the available solutions, from ESG reporting platforms to sustainable cloud services. We do not select vendors for you; instead, we conduct a thorough fit-gap analysis of the leading technologies against your specific requirements. This empowers you with the impartial insight needed to make an informed selection decision that is right for your organisation.

Green-Fin-Ops Advisory

We believe that sustainability and financial prudence are two sides of the same coin. This service integrates the principles of financial operations (FinOps) with sustainability, treating carbon as a key metric to be optimised alongside cost. By establishing a continuous cycle of monitoring and optimisation, we help you make decisions that reduce both your cloud bill and your carbon footprint. This approach makes the business case for sustainability clear and compelling, transforming it from a cost centre into a source of tangible operational and financial value.

Implementation & Enablement: Building and Embedding Capability

A strategy is only as good as an organisation's ability to execute it and sustain it over the long term. Our implementation and enablement services focus on building the two pillars of lasting capability: the permanent data systems that provide ongoing intelligence, and the empowered people who can act on it.

Cloud-Based ESG Data Foundations

To evolve from static, periodic assessments to active, real-time management, we help you design and implement a scalable, Cloud-Based ESG Data Foundation. This platform acts as your organisation's "single source of truth," automating data ingestion from disparate sources—be it cloud provider APIs, on-premise energy meters, or ERP systems—breaking down data silos and enabling trusted, consistent reporting. For organisations seeking the highest level of maturity, this can evolve into a "Sustainability-Infused ERP" approach. Here, we help integrate sustainability data collection directly into your core business processes (e.g., within SAP or Oracle), ensuring environmental data is captured at the source with the same rigour and reliability as financial data. This permanent data asset becomes the engine for all future sustainability work, from regulatory disclosures to advanced AI-powered analytics.

AI-Powered Analytics & Optimisation

We leverage Artificial Intelligence as a powerful accelerator for your sustainability programme. This capability focuses on using advanced analytics and machine learning to unlock new efficiencies that are not visible through traditional analysis. This can include developing models to forecast energy consumption, optimising cloud workload scheduling to align with periods of low-cost, low-carbon energy availability, or using predictive maintenance to reduce waste and improve the efficiency of physical assets.

Green IT Learning & Culture Change

Technology and tools are only part of the solution; lasting change requires a cultural shift. We specialise in designing and delivering bespoke learning programmes that build sustainability literacy and capability within your technology teams. This can range from broad awareness workshops for all staff to deep, role-specific learning pathways for engineers, architects, and product managers. We focus on practical application, covering topics like green coding principles, sustainable software development lifecycle (SDLC) practices, and understanding the carbon impact of architectural decisions.

Proven Impact: For a large software house, we developed a comprehensive sustainable product learning strategy. This demonstrated the value of an enablement-first approach, empowering their product and technology teams with the knowledge to reduce emissions at the source, proving that building internal capability can be a powerful and effective starting point on the sustainability journey.

Our Service and Delivery Partnership

This service is delivered as a collaborative, high-impact engagement designed to empower your organisation. We combine our expert practitioners with your unique institutional knowledge to co-create a strategy that is both ambitious and achievable.

Delivered by a Multidisciplinary Team

This service is delivered by a UK-based, cross-functional team of security-cleared experts. We blend deep public sector knowledge with cutting-edge technical skill, including Sustainability Strategists, Cloud & Enterprise Architects, Data & AI Specialists, and FinOps practitioners. We work as a single, integrated team with your subject matter experts to ensure the solution is configured to solve your most pressing challenges.

A Partnership for Success

To ensure the best outcomes, we require a partnership that includes clear executive sponsorship, access to key stakeholders across Technology, Sustainability, and Finance, and the provision of relevant data (e.g., asset inventories, energy bills, cloud usage reports). Our commitment is to provide objective, alliance-agnostic advice focused entirely on your business outcomes. We provide the accelerated analysis and the architectural blueprint; you retain full control and accountability for the final strategic decisions. This partnership approach ensures the roadmap we build together is not only technically sound but also deeply embedded within your organisation and set up for successful execution.

Service Exclusions

This service provides strategic advice, technical design, and implementation support. It does not include the procurement of hardware, software licences, or cloud services on the client's behalf; the provision of legal advice on regulatory compliance; the physical decommissioning or disposal of IT assets; or the creation of new primary datasets where none exist. Our focus is on leveraging, integrating, and analysing your existing data to empower your decisions.

4 Contact Details

Please send your requirement to publicsectorbidteam@deloitte.co.uk. Alternatively, if you wish to discuss your requirements in more detail, please send us the following information and we will be happy to contact you:

- Deloitte LLP
- Sustainable Tech & Cloud Technology
- Sam Somers (samsomers@deloitte.co.uk)



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