

Sustainable IT Strategy & Green IT

G-Cloud 15





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1 Service Overview

Capgemini's Sustainable IT Strategy & Green IT service enables public sector organisations to embed sustainability across IT operations while optimising performance and cost. IT is a significant contributor to carbon emissions, and addressing this challenge is essential for meeting Net Zero targets and regulatory obligations. Our approach combines strategic advisory and hands-on delivery, leveraging Capgemini's Sustainable IT Playbook, GreenOps framework, and proprietary accelerators. We utilise advanced analytics, automation, and cloud-native tools to ensure sustainability principles are seamlessly integrated across infrastructure, applications, and governance. This proven methodology delivers measurable environmental impact, cost savings, and improved compliance, giving organisations confidence in achieving their sustainability objectives.

2 Business Need

Public sector organisations face increasing pressure to meet Net Zero commitments, comply with the UK Social Value Model, and demonstrate tangible progress on sustainability. IT accounts for a significant share of emissions, yet many organisations lack visibility and structured plans to address it. Fragmented initiatives often fail to deliver meaningful results. This service provides a comprehensive framework to overcome these challenges, ensuring sustainability is embedded in IT strategy and operations. By aligning environmental goals with cost optimisation and compliance, organisations can confidently report progress to stakeholders and achieve long-term impact.

3 Our Approach

Capgemini applies a structured methodology—Assess, Plan, Implement, Optimise—to deliver sustainable IT transformation. Each phase is designed to provide clarity, actionable insights, and measurable outcomes. We combine proven frameworks with advanced tools and accelerators to ensure efficiency and impact. The following provides a detailed breakdown of each phase, including how we execute activities and leverage technology enablers.

3.1 Phase 1: Assess

Key Activities

- Baseline IT carbon footprint across infrastructure, applications, and devices to identify high-emission areas and prioritise actions for maximum impact. We use Capgemini's Carbon Impact Assessment tool and automated data collectors to ensure accuracy and speed.
- Conduct sustainability maturity assessment using Capgemini's diagnostic framework to highlight capability gaps and improvement opportunities, supported by benchmarking against industry standards.
- Engage stakeholders through interviews and workshops to align objectives and secure buy-in, facilitated by digital collaboration platforms for efficiency.

Deliverables

- Sustainability assessment report with actionable insights.
- Carbon footprint dashboard powered by analytics tools.
- Maturity heatmap visualising current state and gaps.

Expected Outcomes

- Clear understanding of current state and priority areas for improvement.
- Foundation for a targeted and effective sustainability roadmap.



3.2 Phase 2: Plan

Key Activities

- Define sustainability roadmap aligned with Net Zero and ESG objectives using Capgemini's Sustainable IT Playbook and planning accelerators to ensure strategic clarity and compliance.
- Establish governance model and KPI framework to drive accountability and track progress effectively, leveraging digital dashboards and automated reporting tools.
- Develop compliance alignment with UK Social Value Model to meet public sector obligations and demonstrate social impact, supported by Capgemini's compliance templates and best practices.

Deliverables

- Strategic roadmap with phased milestones.
- Governance charter and KPI catalogue integrated into dashboards.

Expected Outcomes

- Agreed plan with measurable targets and timelines.
- Confidence in compliance and stakeholder engagement.

3.3 Phase 3: Implement

Key Activities

- Deploy GreenOps and FinOps practices for cloud optimisation to reduce both costs and carbon emissions, using Capgemini's automation scripts and cloud-native optimisation tools.
- Embed circular IT principles, such as hardware lifecycle extension and SaaS migration, supported by asset management platforms and sustainability calculators.
- Implement green software engineering practices to improve application efficiency and lower energy usage, leveraging Capgemini's Green Software Playbook and automated code analysis tools.

Deliverables

- Implemented solutions and operational dashboards with real-time metrics.
- Training materials for internal teams delivered via e-learning platforms.
- Change management toolkit to support cultural adoption.

Expected Outcomes

- Tangible reduction in carbon footprint and IT costs.
- Enhanced sustainability maturity and cultural adoption of green practices.

3.4 Phase 4: Optimise

Key Activities

- Continuous monitoring and performance reviews using dashboards to maintain visibility and accountability, powered by Capgemini's Sustainability Analytics platform.
- Iterative improvements based on KPI tracking and stakeholder feedback to ensure ongoing relevance and impact, supported by predictive analytics and automation.



- Quarterly sustainability reporting to provide transparency and demonstrate progress to internal and external stakeholders, using automated report generation tools.

Deliverables

- Optimisation recommendations based on data-driven insights.
- Quarterly sustainability reports with trend analysis.
- Updated dashboards reflecting continuous improvements.

Expected Outcomes

- Sustained impact and ongoing compliance.
- Continuous improvement culture embedded within IT operations.
- Future-proof IT investments aligned with sustainability goals.

4 Buyer Responsibilities

Please refer to the Supplier Terms listed with this service on the Platform. These may contain additional Buyer obligations/costs the Buyer is subject to that are not identified anywhere else in the Supplier's Application or on the Platform.

5 Service Management

Priced per SFIA Rate Card. Available on Time & Materials or Fixed Price basis.

6 Protection of Data

This service is based on a security classification of 'Official', however should you have a requirement for a different security classification that you would like us to consider, please contact us to discuss.

7 On-boarding and Off-boarding

Prior to the execution of the Order, the Supplier and the Buyer will agree the scope of the exit plan for the Services and a timescale for delivering an exit plan to ensure continuity of service.

Capgemini shall undertake on-boarding and off-boarding activities agreed within the Order Form (including as a minimum an exit plan in line with the Call-Off Contract terms) which will be charged for in accordance with the Pricing section for this service.

8 Skills and Knowledge Transfer

Capgemini recognises that skills and knowledge transfer is a critical element in the provision of G-Cloud services to public sector clients. Where possible and applicable, this forms part of the delivery plan for the service agreed at the start of the engagement. Our consultants and engineers are experienced in providing skills and knowledge transfer for major private and public sector clients.



Where appropriate, we may use a standard approach, tailored to topic, skills-gap and individual, to ensure consistency and effectiveness. The approach, Capgemini's Assess-Plan-Implement framework, has been used repeatedly by our teams to structure the work involved in transferring skills and creating new teams capable of driving and sustaining change long after the end of the formal programme. The framework can be applied throughout a project to understand knowledge transfer objectives, plan training delivery methods and materials, and deliver and evaluate success.

9 Partnerships/Alliances

This section is intentionally left blank.

10 Vendor Accreditations/Awards

Architecture Accreditation

- TOGAF 10.0
- SAFe Architect
- AWS Practitioner and Architect
- Azure Fundamentals
- Azure Solution Architect

11 Sub-contractors

Capgemini UK may use the following subcontractors to deliver this service:

Capgemini Technology Services India Limited.

12 Business Continuity and Disaster Recovery

No disaster recovery plan is provided as part of these Services.

13 Pricing

This service is priced in accordance with the Rate Card attached. Capgemini can also provide offshore resources at reduced rates where appropriate. Projects can be priced either on a Time & Materials or Fixed Price basis.

14 Ordering and Invoicing

Please refer to the Supplier Terms for this service.

This service is priced in accordance with the SFIA Rate Card attached. Capgemini can also provide offshore resources at reduced rates where appropriate. Projects can be priced either on a Time-&-Materials or Fixed Price basis.



We would be pleased to arrange a call or meeting to discuss your requirements of our service in more detail.
All prices are in GBP and exclude VAT.

15 Termination Terms

Please refer to the Supplier Terms for this service.

16 Further Information

For more information about this or any of our G-Cloud services, please contact our Public Sector Team.

Phone: 0370 904 4858

Email: publicsector.opps.uk@capgemini.com including the following information:

1. The name of this service "Sustainable IT Strategy & Green IT".
2. The name of your organisation.
3. Your name and contact details.
4. A brief description of your business situation.
5. Your preferred timescales for starting the work.



About Capgemini

Capgemini is a global business and technology transformation partner, helping organizations to accelerate their dual transition to a digital and sustainable world, while creating tangible impact for enterprises and society. It is a responsible and diverse group of 340,000 team members in more than 50 countries. With its strong over 55-year heritage, Capgemini is trusted by its clients to unlock the value of technology to address the entire breadth of their business needs. It delivers end-to-end services and solutions leveraging strengths from strategy and design to engineering, all fueled by its market leading capabilities in AI, generative AI, cloud and data, combined with its deep industry expertise and partner ecosystem. The Group reported 2024 global revenues of €22.1 billion.

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