

Evidence-backed Sustainable Technology

A KPMG Service for G-Cloud 15



KPMG About us

KPMG is one of the largest AI Platforms & Cloud Engineering Advisory and Implementation providers in the UK. We bring end-to-end services across the entire cloud life-cycle from Strategy and Planning, to Architecture and Build, through to running Secure cloud-native applications. This is enabled by our diverse, industry-leading and multi-disciplined experts.

 AI Platforms & Cloud Engineering in its 10th year	 1000+ AI Platforms & Cloud Engineering Team (670+ Engineers & Architects, 500+ Advisory & Delivery consultants)	 2000+ AI & Cloud certifications in Azure, Google, AWS	 £30M + AI Platforms & Cloud Engineering spend supported annually	 600+ AI Platforms & Cloud Engineering projects completed	 50%+ Focused on highly regulated industries
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AI Platforms & Cloud Engineering Practice

- Deep domain experience across a wide range of Cloud providers and technologies
- Leading and award-winning scaled engineering capability
- Long established consulting approach and methodologies

Our Principles

- Industrialised approach reusing assets and accelerators
- Automate everything
- Deliver value for money
- Pride ourselves on high quality outcome deliverables

How we Operate

- Sprint based projects for fast iterative results
- Delivering with our clients using outcome focused multi-disciplinary teams
- Strong, established network to ensure partnering excellence

Our Core Propositions

Besides the core propositions we deliver **240+** services mentioned in our Service Catalogue

Operational Excellence 	AI Powered Modern Platform 	Modern Engineering 	Value & Sustainability 	AI Powered Application Modernisation 
• Cloud CoE & Target Operating Model • Cloud Programme Risk and Assessment • Cloud Maturity Assessment	• Cloud Design, Build, Migrate & Transform • Cloud Risk Controls & Cyber • Cloud Security Architecture	• DevOps & DevSecOps • Secure SDLC • Site Reliability Engineering (SRE)	• ESG • Sustainable Technology • Cloud Cost Management & Financial Optimisation (FinOps)	• Gen AI • Cloud Data & Analytics • Logging and Monitoring

Across our many delivery centres, we work with clients of all industries, specialising in complex, high risk or regulated sectors.



Combining our expertise with our alliance tech solutions, we harness the power of smart technologies. Together, we solve your most complex business issues to create sustainable success.



Sustainable Technology



Service Description:

KPMG's evidence-backed sustainable technology focuses on developing innovative strategies and solutions that minimise the environmental impact of technology operations and promote resource and cost efficiency



Service Categories

1. Sustainable technology
2. Carbon footprint calculation
3. GHG emissions
4. Utility resource usage
5. Environmental Impact
6. Cost management
7. Green Issues



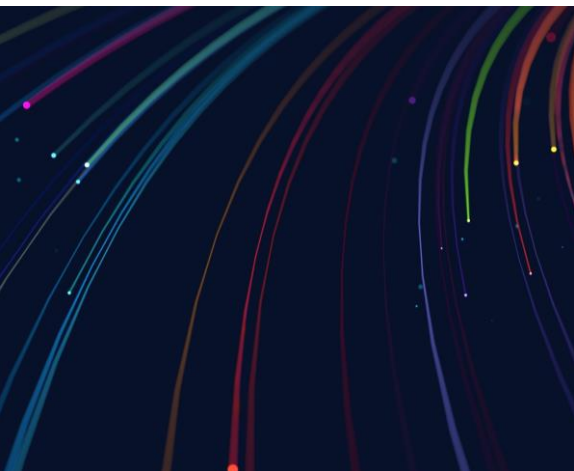
What are the benefits of KPMG Powered IT service?

1. Cost Savings through lower energy bills and reduced operational expenses
2. Enhanced Performance from optimised resource allocation system efficiency
3. Contributing to organisational strategy for resource reductions
4. Supporting compliance to environmental standards and reducing risks
5. Supporting a positive brand image through ESG improvements
6. Greater innovation through sustainable technology solutions



Our Service Features

1. Full integration with global KPMG cloud transformation and migration services
2. Visibility of environmental impact of IT
3. Sustainable design and energy-efficient infrastructure options and deployments
4. Modelling of resource usage and planning
5. Approaches for development and code optimisation for reduced energy consumption
6. Responsible data storage, usage, and disposal strategies and policy



Our Approach

KPMG proposes a well-defined approach that will assist in delivering a customised solution that meets your requirement. Using our global framework, industry experience and methodologies we will accelerate your journey to cloud, adoption of your operating model structure, creation of a resilient architecture and business case.



Requirements

- Access to GHG emissions, power usage and waste tracking data
- Ability to work closely with all 3rd party vendors as part of an end-to-end analysis
- Detailed information on the IT landscape and deployments
- Operating model and skills information



Activities

Our approach to a sustainable IT strategy features baselining of the current state of IT sustainability, the development of a strategy to move towards green goals and sustaining that change in the long term

Define Sustainability Strategy

- Assess the GreenOps maturity of the IT function
- Review IT landscape and set architectural direction for sustainability
- Scope and structure potential sustainability initiatives
- Ensure alignment to organisational sustainability goals
- Define change roadmaps

Requirements and Measures

- Define and establish KPIs for IT sustainability
- Collect and validate baseline data to establish starting levels
- Remediate data gaps and quality issues
- Select and deploy data gathering, analysis and automation tooling
- Set a baseline to report progress against

Implement & Embed

- Identify, prioritise and implement best practices and optimisation levers in order to reduce IT environmental footprint spanning digital workplace, application landscape, infrastructure etc.
- Implement and scale services:
 - DC decarbonisation
 - Continuous KPI tracking
 - Sustainable SDLCs



Outcomes

- A clear view of how your technology strategy influences your carbon and other GHG emissions
- Clear metrics and measurement approaches to track environmental KPIs
- Data centre decarbonisation strategies and application and infrastructure optimisation
- Sustainability awareness in IT professionals and design and build for greener operations



High-Level Timelines

Our indicative timeline is based on our experience of delivering similar engagements for multiple organisations. Once engaged, we will work with you to create and agree a bespoke plan to meet your specified requirements.

Weeks: 3-4

Why KPMG



Top Professional Brand

KPMG has a strong brand and excellent reputation. We are focused on customer needs and have a pragmatic approach for the design and delivery of our Projects. Our team has a proven track record of delivering similar engagements and an intimate knowledge of challenges faced by our clients.



Constructive Input and Challenge

We consider it to be our responsibility to bring an independent perspective and constructively challenge existing processes and systems. We will highlight and share with you both internal and external leading practices.



We Employ a Collaborative and Integrated Team Approach

We deliver a full suite of evidence-backed recommendations in collaboration with KPMG sector and technical experts in all parts of our business around the globe. By working in multi-disciplinary teams, we can deliver holistic thinking and insights for even the most complex challenges.



We Have Strong Relevant Recent Credentials

We have worked across multiple industries and will bring insights from other sectors to challenge your thinking. We have vast Cloud and DevOps expertise within our technology practice in the UK region alone, who cover everything from hosting strategies to building landing zones. We produce agile, resilient and efficient IT functions that support the wider enterprise.

Our Team, Stories and Solutions

Business Outcomes Powered by Cloud

Our Solutions

Cutting-edge technology, business focused solutions

Our Stories

Discover the impact we've made in the Cloud industry

Our Insights

What are the big issues at the top of your business agenda? Read our latest thinking and research to stay on top of change.

AI and Machine Learning

Thought-leadership, expert analysis, and guidance on all things AI.

AI and Machine Learning

Technology and innovation

Trusted insights and actionable advice on emerging technologies.

Technology and Innovation



The CEO Guide to AI Value



Agentic AI: the what, the why and the how

And many more....

KPMG Industry Analyst Recognition

Industry analysts recognition and accolades - KPMG Global



Microsoft Partner of the Year for 2023
Microsoft Prestige Award for Supplier of the Year



KPMG named a **Global Leader** in Verdantix Green Quadrant: **ESG and Sustainability Consulting 2024**



Global Partner of the Year 2024
Google Cloud DE&I Partner 2024



2x Guinness World Records for DevOps and Cloud Upskilling

DevOps upskilling in KPMG and the community



2020, 2021, 2022

Highly Commended / DevOps Leader of the Year 2023



The Forrester Wave™: Cybersecurity Consulting Services in Europe, Q1 2024





Contact Us



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