

G-Cloud 15 Service Description

Environmental and Sustainability Analytics

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Advanced analytics solutions focused on environmental and sustainability metrics, using data and AI to help organisations align with international and national environmental policies, including the United Nations Sustainable Development Goals (UNSDGs), the Environment Act and the Greening Government Commitments.

What is the Service

Our Environmental and Sustainability Analytics Service leverages the latest in data science, IoT, big data, predictive analytics, and AI technologies to monitor, report, and predict environmental impact and sustainability performance.

The service integrates data from various sources to provide insights into carbon footprint, resource consumption, and waste management, supporting compliance with environmental standards and sustainability goals.

It is designed to help public sector bodies and other organisations measure their progress against the UNSDGs and adhere to UK environmental policies such as the Environment Act and the Greening Government Commitments.

What can it do for you

You'll be able to quantify and visualise your environmental impact, optimise resource usage, and report on sustainability performance in compliance with global standards.

Our Environmental and Sustainability Analytics Development service equips organisations with the tools necessary to address the critical drivers of environmental sustainability. As climate change accelerates, organisations face increased regulatory pressures and market demands to demonstrate sustainable practices. A key aspect of this service is its ability to integrate and analyse complex datasets from various sources, including IoT sensors and corporate ESG metrics, enabling organisations to optimise resource usage, and monitor real-time environmental impacts and compliance with evolving sustainability standards.

The visualisation capabilities of the service, including custom dashboards, play a vital role in simplifying the reporting process and enhancing transparency with stakeholders. These dashboards can be tailored to highlight key performance indicators such as water usage, waste management, and energy efficiency, which are critical to operational sustainability and can influence service user behaviour.

This service supports decision-making with actionable insights, facilitating the development of strategies that contribute to global and local sustainability objectives.

Service Features

- 1. Comprehensive data collection from multiple sources for a holistic view
- 2. Advanced analytics to evaluate environmental impact and sustainability
- 3. AI-driven projections and modelling for future sustainability scenarios
- 4. Custom dashboards and reporting aligned with UNSDGs and UK policies
- 5. Real-time monitoring of energy usage, waste management, and resource allocation
- 6. Integration with existing environmental management systems
- 7. Automated compliance reporting for UK environmental legislation
- 8. Insights to reduce carbon footprint and improve resource efficiency
- 9. Stakeholder engagement tools to report sustainability achievements
- 10. Support for policy development and implementation planning

Service Benefits

- 1. Enhances real-time monitoring of environmental metrics
- 2. Integrates and visualises disparate sustainability data
- 3. Forecasts and mitigates potential environmental risks
- 4. Identifies savings and efficiencies in resource use
- 5. Simplifies compliance and reporting processes
- 6. Helps achieve targets set in the UNSDGs and UK environmental policies
- 7. Ensures adherence to international sustainability standards
- 8. Drives operational improvements with AI optimisations
- 9. Facilitates informed, data-driven decisions
- 10. Increases transparency and accountability in supply chains

Contact details

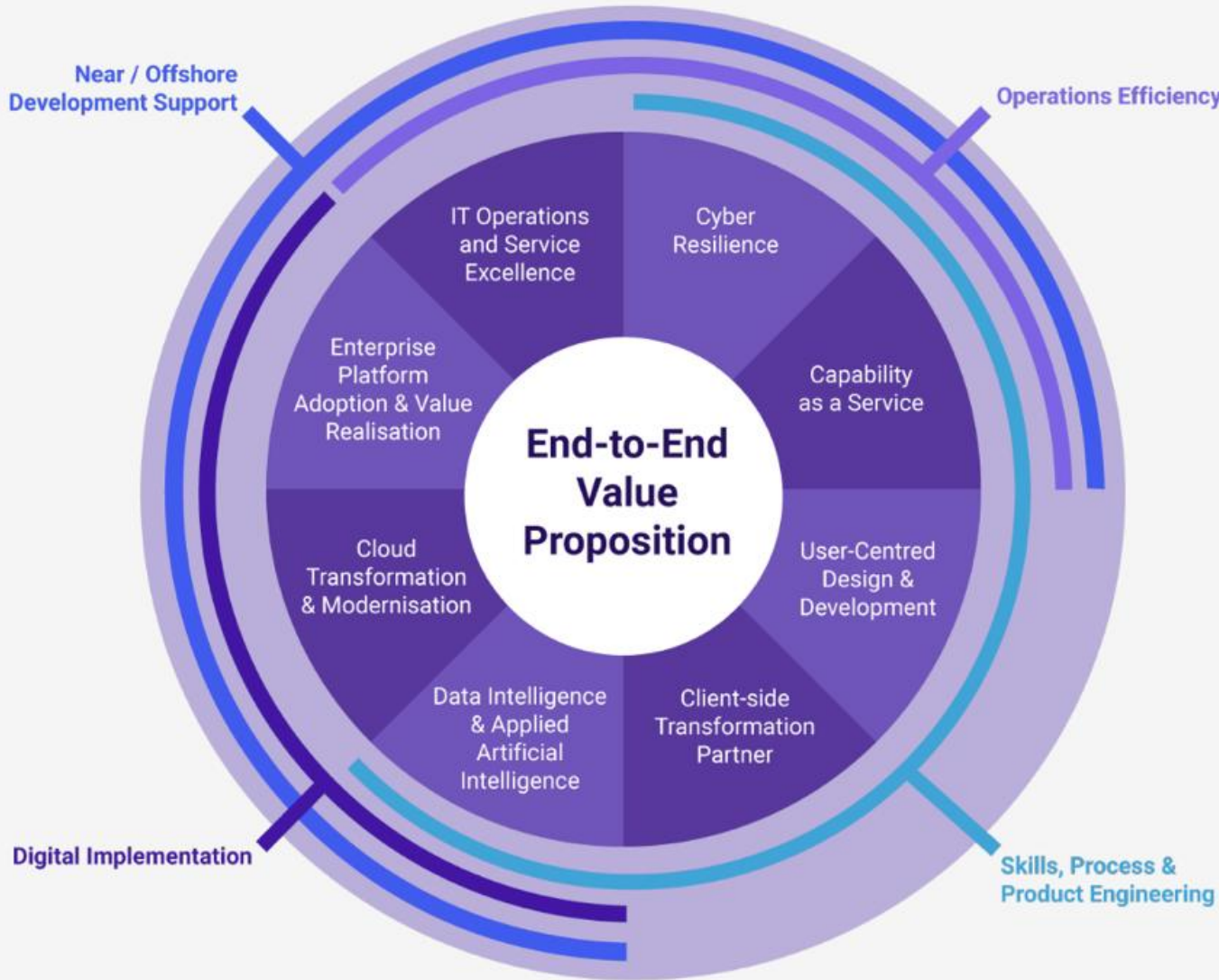
End-to-end transformation and innovation experts

Applying our skills in innovation and collaboration from across the Methods Group, to deliver end-to-end business and technical solutions that are people-centred, safe, and designed for the future.

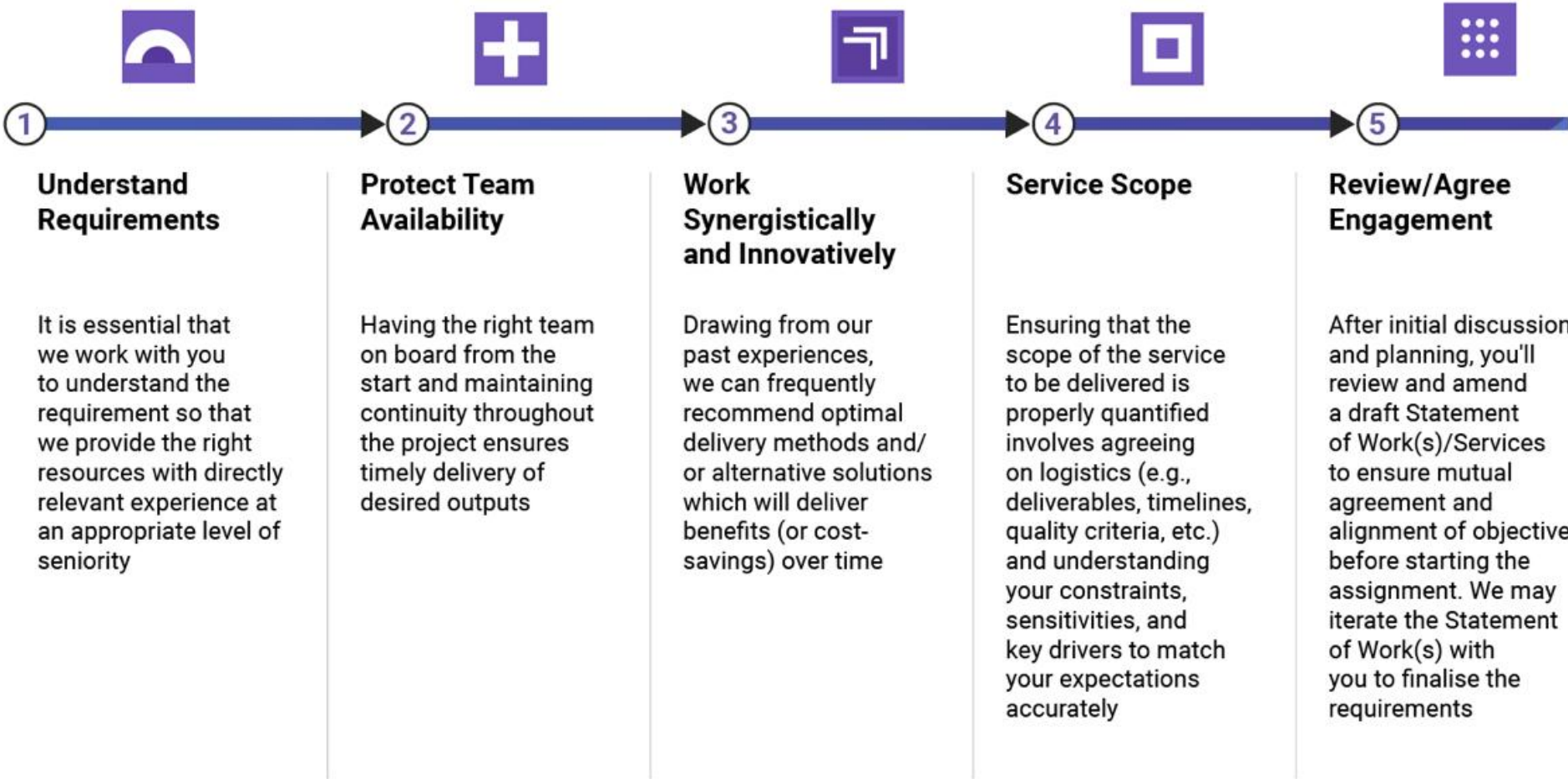
Methods provide collaborative and innovative solutions to help Central Government adapt to the changing landscape and deliver better outcomes for citizens.

With a focus on driving interoperability and innovation in UK Central Government, we have helped multiple organisations in the sector modernise their IT architecture, systems, strategy, and operating models to improve organisational resilience and service delivery.

Methods deliver wide-ranging services and thought leadership to support delivery including:



Onboarding and offboarding process



Ordering and Invoicing

Once we have agreed a Statement of Work(s) we will sign the appropriate agreement and complete a Call Off contract with an attached Statement of Work(s), and submission of a Purchase Order. We will then set up a mutually acceptable start date and commence work.

Payment terms are 30 days or less as may be agreed.

Please note - we are unable to accept Government Procurement Card (GPC) payments.

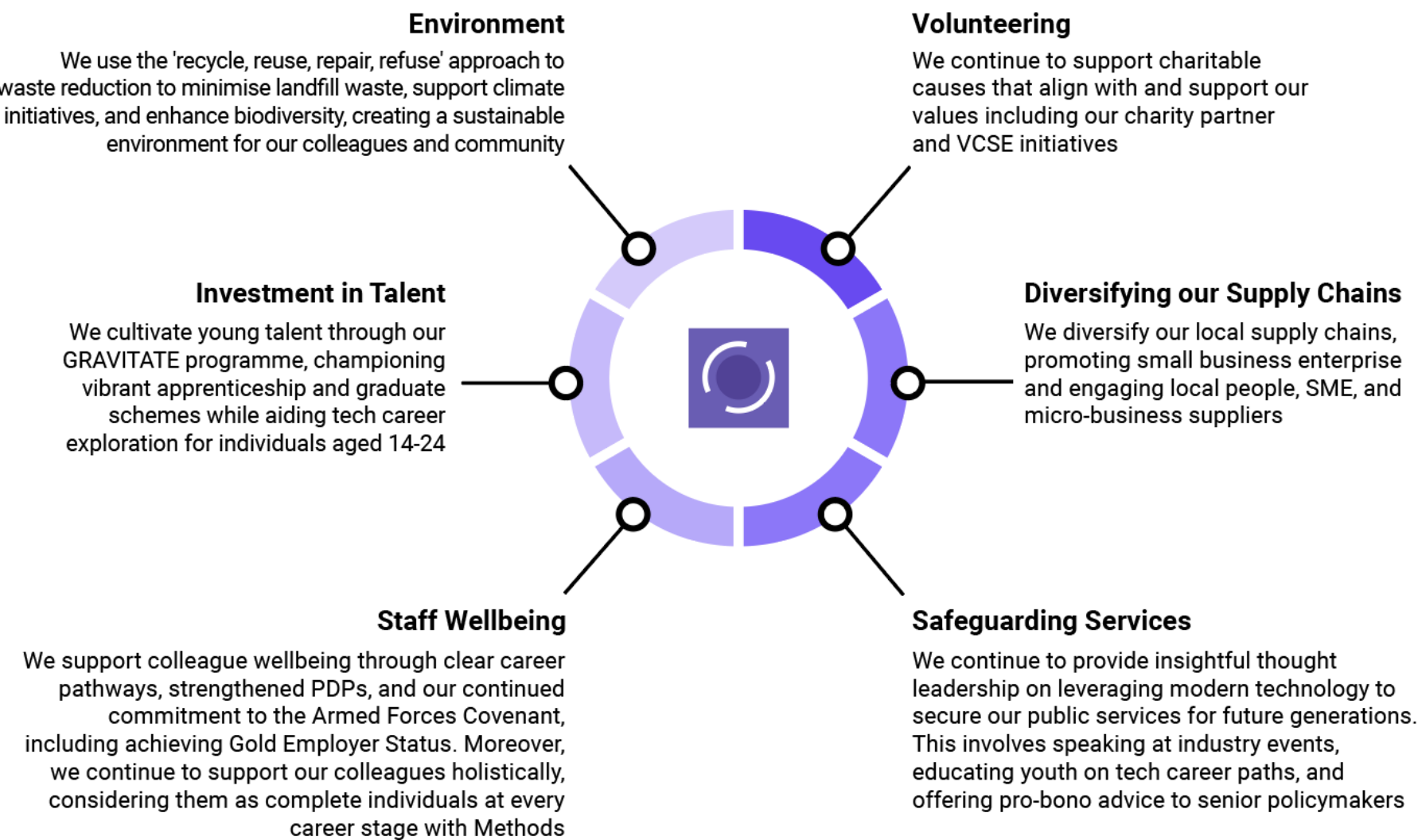


Customer Responsibilities

For any given requirement, we will identify any dependencies on the customer (e.g. access to key stakeholders, facilities, documentation, etc.) and agree these at the start of the work.

Making a difference

The work we do each day is focused on delivering a positive difference for the public sector for the benefit of society as a whole.



Customer stories

Cloud Hosting & Service Modernisation
Modernised digital services using secure cloud hosting, streamlined legacy workflows, and improved data insights. Delivered faster decisions, reduced manual effort, and a more transparent, **user-friendly experience** for internal teams and external users.

Cloud-Based ITSM Consolidation
Unified multiple service desks onto a cloud-based ITSM platform, standardising processes and automating workflows. Improved incident, change, and problem management, **boosting overall service reliability, efficiency, and organisational visibility.**

Large-Scale Cloud Migration (100+ Apps / 120TB)
Delivered cloud migration of **100+ legacy applications** and **120TB of data** with **100% availability.** Strengthened compliance, improved transparency, and significantly enhanced operational resilience across critical digital services.

Azure Migration & Modern Workplace Enablement
Migrated data centres to Azure and deployed modern workplace cloud services, delivering secure, scalable infrastructure. Achieved improved user experience, strengthened security posture, and **£1m savings** - all with zero service disruption.

Cloud ITSM Migration (ServiceNow SaaS)
Successfully migrated from a legacy ITSM tool to a modern, cloud-based ServiceNow platform. Delivered scalable, robust service operations, strengthened governance, and enabled faster, more consistent digital service delivery across the organisation.

Cloud-Native Data Pipelines (Azure Integration)
Built automated Azure Data Factory pipelines into a Lakehouse architecture, using Bronze/Silver/Gold layers and Delta with CI/CD. Delivered secure daily refreshes, improved data quality, lower manual effort, and more efficient reporting.