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Hitachi Solutions Europe

G-Cloud 15 Service Definition Document

ESG & Carbon Footprint Reporting

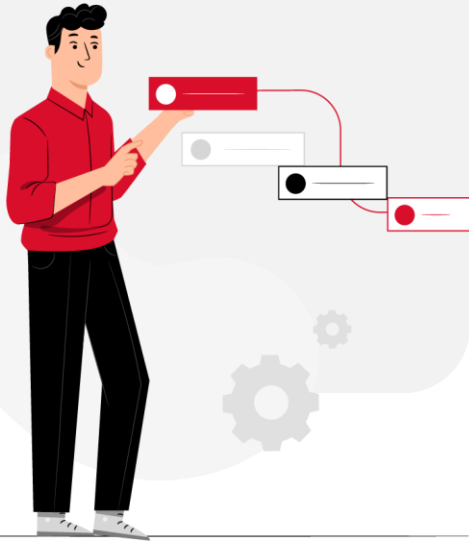
ESG & Carbon Footprint Reporting

What the service is, what you get, and the benefits

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Service Description

Implement Microsoft Sustainability Manager and Fabric ESG data solutions to unify ESG data, automate emissions calculations (Scopes 1-3), and produce audit-ready disclosures and dashboards. Standardise metrics, connect existing systems, and support reporting across carbon, water, waste and governance with traceable methodologies and clear ownership for internal teams.



Service Features

- Configure Sustainability Manager for Scopes 1-3 emissions calculations.
- Establish Fabric ESG data estate with extensible centralised schema.
- Ingest and standardise ESG data using prebuilt pipelines and notebooks.
- Integrate Sustainability Manager datasets with Fabric for analytics reporting.
- Implement Azure emissions insights for subscription and resource analysis.
- Map metrics to regulatory frameworks using Fabric ESG metric models.
- Build Power BI dashboards for audit-ready ESG reporting views.
- Configure identity, governance and data lineage for traceability approvals.
- Enable scorecards, targets and workflows to manage reduction initiatives.
- Provide knowledge transfer and operational runbooks for internal ownership.



Service Benefits

- Single trusted source for ESG and carbon metrics organisation-wide.
- Faster disclosures with automated calculations, approvals and audit trails.
- Improved accuracy and comparability using standard schemas and factors.
- Clear visibility of cloud emissions and high-impact reduction opportunities.
- Executive dashboards supporting evidence-based decisions and prioritisation.
- Reduced manual effort, rework and reporting risk across teams.
- Better alignment to evolving standards, including UKSRS and GRI.
- Transparent ownership, lineage, review processes and accountability throughout.
- Reusable data and analytics foundation for future ESG needs.
- Capability and documentation handed over for sustainable internal operations.



Cloud Sustainability & Green Coding

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Reduce carbon, cost and waste across cloud and software



What this service is for

Turn sustainability intent into measurable engineering changes

This service helps organisations establish a reliable, auditable foundation for ESG and carbon reporting using Microsoft Sustainability Manager and Sustainability data solutions for Fabric. It unifies fragmented data, standardises calculations and supports compliant, repeatable disclosures. The focus is on building internal capability and leaving teams with an operational, sustainable reporting platform.

Key outcomes: Unified ESG data | Audit-ready reporting | Clear emissions insights | Standards-aligned metrics | Internal ownership



Why this service is useful

Focus effort where it moves the metrics

Organisations face increasing reporting requirements and rising expectations for transparent ESG data. Manual spreadsheets and fragmented systems introduce risk, delay and inconsistency. This service centralises data, automates calculations and improves data quality, enabling faster disclosures, better decision-making and reduced reporting effort, while creating a durable foundation for future regulatory changes.

Common Triggers: New/expanded ESG regulation | First-time carbon reporting | Cloud emissions scrutiny | Audit findings | Data quality concerns



Why this service is different

Sustainable service by design

We combine Microsoft Sustainability Manager with Fabric's ESG data estate to deliver a complete end-to-end reporting capability, not just dashboards. Our approach is evidence-led, standards-aligned and focused on sustainable handover. We design data models, governance and lineage so your teams can confidently maintain and extend the solution independently.

Differentiators: Fabric ESG data estate | MSM + Fabric integration | Audit-ready lineage | Standards mapping (e.g., CSRD) | Handover-first approach

How we will deliver

Discovery-led, iterative, and assurance-ready from day one

We follow a structured, discovery-led approach with regular checkpoints, giving early visibility of evidence, data quality, and emerging findings. This reflects government good practice: iterate, involve the right people, and maintain a clear audit trail. We align on reporting objectives and data access, assess your ESG data landscape using Sustainability Manager and Fabric platforms, and produce a prioritised, assurance-ready roadmap linking each action to specific risks, ownership and practical next steps

Mobilise

Activities

We establish scope, objectives, stakeholders, access, and governance. We confirm reporting priorities (e.g., scopes, organisational boundaries), agree evidence standards, and plan secure data collection from line-of-business systems and cloud platforms.

Engagement cadence, risks, and success criteria are set so work proceeds transparently and efficiently.

Outputs

- Agreed scope, plan, and stakeholder/governance model
- Evidence & access checklist (systems, connectors, data owners)



Discover

Activities

Through workshops and artefact reviews, we map ESG data sources, system interfaces, operational boundaries, and reporting obligations.

We baseline current Sustainability Manager usage (if any), data quality, factor libraries, and reporting processes; and inventory cloud usage for Azure emissions analysis and Fabric data estate prerequisites.

Outputs:

- Current-state ESG data map and MSM/Fabric readiness baseline
- Identified risks, gaps, dependencies (data, process, governance)



Assess

Activities

We assess data models, calculations and controls against Sustainability Manager capabilities and Fabric ESG data estate patterns.

We evaluate scope calculations, conditional allocations, metric mappings (e.g., CSRD), and lineage. Findings are prioritised by impact/effort, forming a remediation and enablement roadmap for incremental delivery.

Outputs

- Prioritised findings and risk-linked recommendations
- MSM + Fabric improvement roadmap (data, models, reporting)



Embed

Activities

We implement targeted improvements: deploy/extend the Fabric ESG data estate, configure connectors and factor libraries, integrate Sustainability Manager datasets, and build Power BI reports/scorecards.

We document governance, lineage and operating procedures; train teams; and hand over ownership with optional short-term transition support

Outputs

- Operational ESG data estate + MSM configuration with dashboards
- Handover pack (runbooks, lineage, standards, training materials)

Sustainability engineering and ESG reporting architecture

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Use Microsoft Sustainability Manager to:

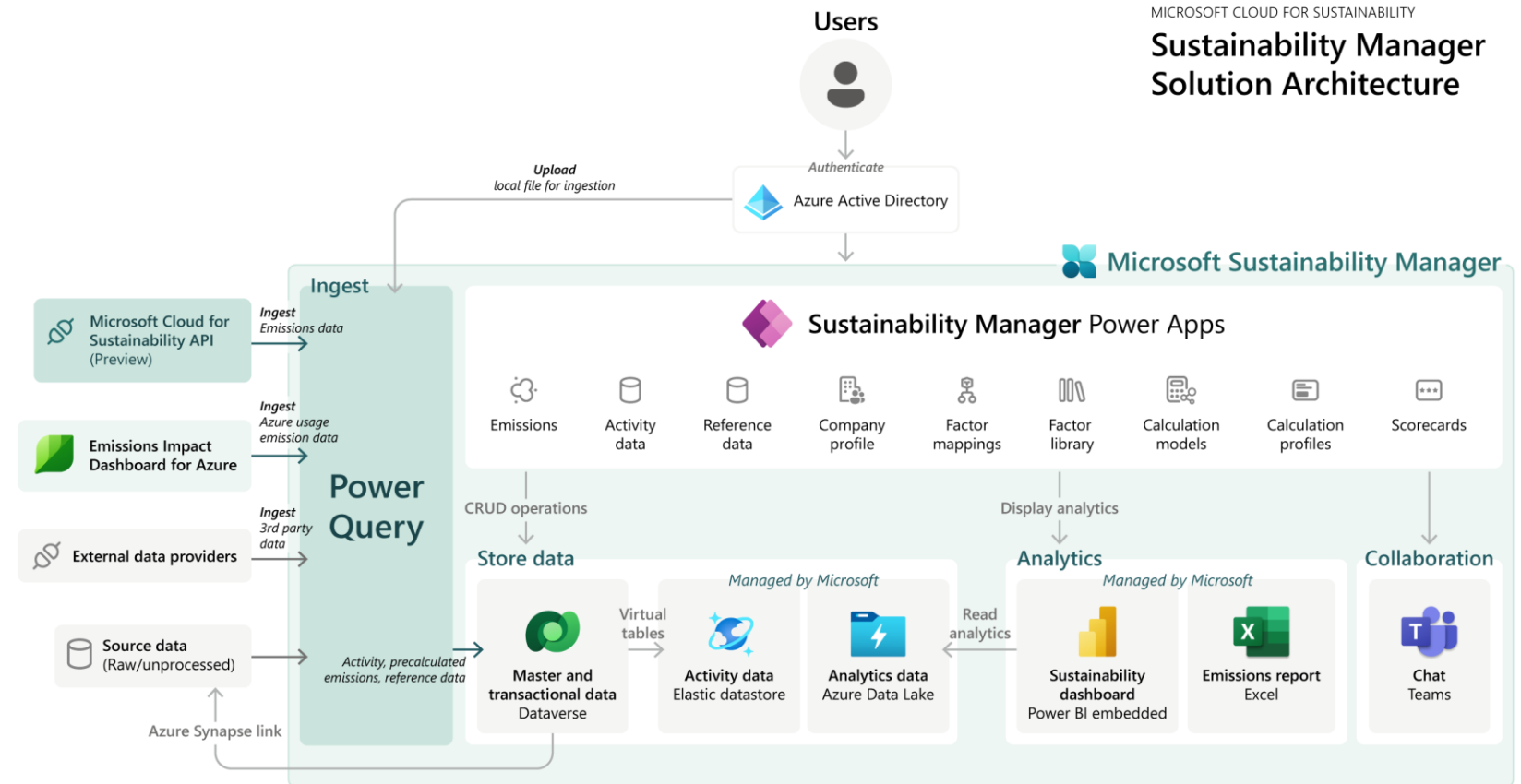
Connect emissions and activity data from cloud and other sources

Standardise it into a consistent sustainability data model

Calculate emissions using agreed factors and calculation profiles

Report via **dashboards**, scorecards and ESG outputs

Track **targets** and **progress** over time with an audit trail.



The Hitachi logo is displayed in a bold, white, sans-serif font in the upper right corner of the image. The background is a photograph of a grand, multi-story classical building with a curved facade, many windows, and a balcony with a black wrought-iron railing. A large Union Jack flag is flying from a pole on the right side of the building. The overall image has a muted, greyish tint.

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Hitachi Solutions Europe

UK Government Overview

Hitachi Solutions for the UK Government

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Our **vision** is to be government's partner of choice for the design and delivery of **sustainable, human-centred, Microsoft Solutions and digital services**.

Human-centred Services

Every service starts with people and how technology can make their day simpler.

+

Deep Microsoft Expertise

Hitachi Solutions is dedicated exclusively to the Microsoft ecosystem.

+

Emotionally Aware Delivery

Our former civil servants bring deep understanding and cultural alignment.

=

+

One Hitachi

Hitachi Solutions is part of Hitachi, Ltd., one of the world's largest and most respected organisations.

Sustainable government transformation.

Human-centric by default.

Powered by Microsoft.



Our Credentials

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Microsoft



Microsoft global Government and Finance
Partner of the Year 2025

Microsoft Partner of the Year 2025 Finalists in
Build and Modernise AI Apps, Dynamics 365
Supply Chain, Dynamics 365 Sales and Customer
Insights, and Low Code Application Development

22 Years in **Microsoft's Inner Circle**
(including 2025)

Microsoft Solutions Partner across AI Business
Solutions, Cloud and AI Platforms and Security
with **18+ specialisations**

Industry



Keystone member of the **Government Digital
Sustainability Alliance**

Crown Commercial Service Supplier

Cyber Essentials Plus Certified

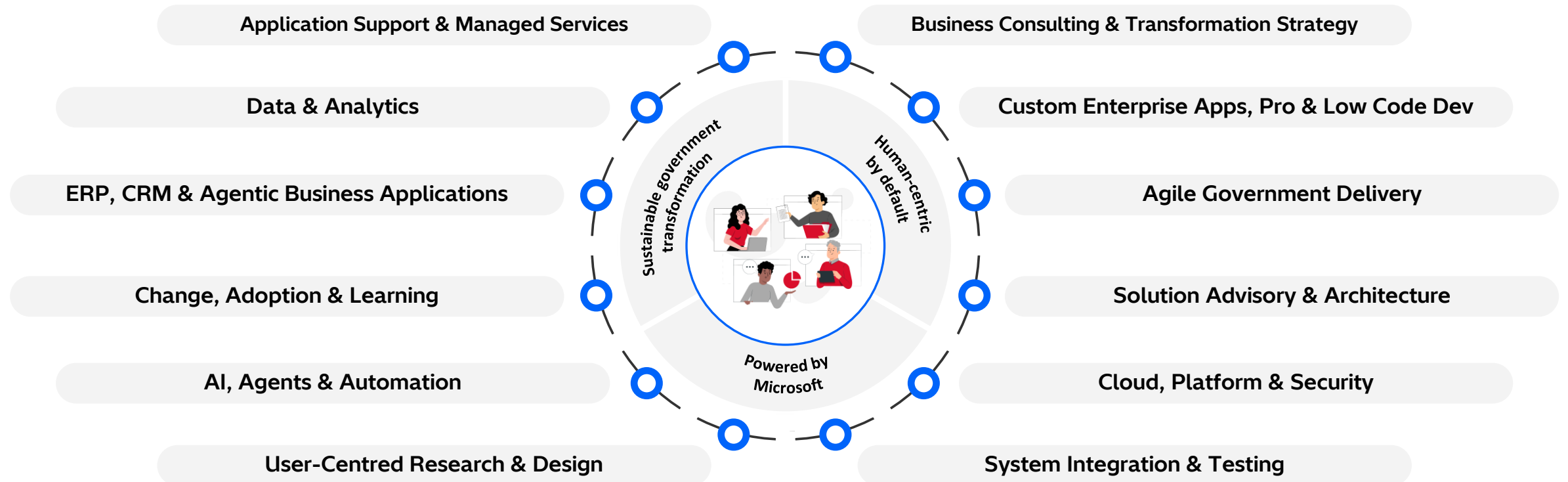
ISO-certified across Quality, Environment, Service,
Business Continuity, Information Security, and
Privacy Management

Recognised in the **Smarter Working Live Awards**
for our regulatory services Customer Experience
work with the Environment Agency

Our Services and Expertise

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Sustainable business transformation through tailored advisory, consulting, and technology solutions.



Our Clients

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"Hitachi Solutions brings substantial digital expertise to the table, complementing our robust business experience. Their insights have been instrumental in identifying opportunities for enhancement and accelerating our initiatives."

Gillian Pratt

Deputy Director Future Regulation
at Environment Agency



"Hitachi Solutions brought in a great project team who we kept for the full duration; they engaged with The Royal Mint side of things very effectively. It really felt like they were part of our own team."

Richard Hobbs

CIO The Royal Mint



"Hitachi Solutions bring the innovation, space and expertise needed to deliver digital transformation at a pace that is needed."

Andy MacDonald

Director of Customer Services,
Aberdeen City Council



"Hitachi Solutions were really good to work with, expertly turning our processes into slick system functionality. Their patience, understanding and "one team" approach to this project facilitated a free-flowing, inclusive environment. Hitachi Solutions' expert technical teams have delivered a great user experience, employing creative thinking to deliver to our often complex requirements."

Daniel Saward

OIA Head of Digital Technology



"DHSC collaborates closely with Hitachi Solutions LTS, emphasising the significance of our enduring partnership characterised by collaborative teamwork and mutual trust. Operating with a framework of high trust and capability, Hitachi Solutions ensures the delivery of quality and excellence to DHSC. Hitachi Solutions should be very proud of their track record in DHSC."

Bryan Rayner

Head of IT Business Systems



"Right from the start, we recognised in Hitachi Solutions a potential partner that would listen to us and really recognise the value of what we were trying to achieve, the lifesaving benefits of what we were trying to build and support."

Alex Duncan

Chief Technology Officer



Centre for Environment
Fisheries & Aquaculture
Science



Department
for Environment
Food & Rural Affairs



Valuation Office
Agency



HM Revenue
& Customs



Rural Payments
Agency



City of Westminster



Homes
England



THE ROYAL BOROUGH OF
KENSINGTON
AND CHELSEA



UK Export
Finance



Forestry and
Land Scotland
Coilltearachd agus
Fearann Alba

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