

G Cloud 15- Framework Service Definition

Crown Commercial Service

January 30, 2026

Contact Information

For further information and discussions, please contact	
Name	Peter Gill
Designation	AVP and Head of UK Public Sector Sales
Address	Infosys Limited
Phone	+44 7391393866
Email	peter.gill@infosys.com

Confidential Information

This proposal is confidential to Infosys Limited ("Infosys") and Crown Commercial Services ("CCS"). This document contains information and data that Infosys considers confidential and proprietary ("Confidential Information").

Confidential Information includes, but is not limited to, the following:

- Corporate, employee and infrastructure information about Infosys
- Infosys' project management and quality processes
- Customer and project experiences provided to illustrate Infosys capability

Any disclosure of Confidential Information to or use of it by a third party (i.e., a party other than CCS), will be damaging to Infosys. Ownership of all Confidential Information, no matter in what media it resides, remains with Infosys.

Confidential Information in this document shall not be disclosed outside the buyer's proposal evaluators and shall not be duplicated, used, or disclosed – in whole or in part – for any purpose other than to evaluate this proposal without specific written permission of an authorised representative of Infosys.

Table of Contents

- 1.1 Service Overview4
- 1.2 Service Description5
 - 1.1.1 Data Ingestion and Integration5
 - 1.1.2 Data Model, Taxonomy and Mapping.....5
 - 1.1.3 Controls, Lineage and Auditability5
 - 1.1.4 Automation and Intelligence6
 - 1.1.5 Performance Management and Operational Integration6
 - 1.1.6 Architecture and Technology7
- 1.3 Benefits8

1.1 Service Overview

Enable enterprises to capture, standardise, govern, and automate ESG data across the enterprises — so that disclosures are assurance-ready, regulation-compliant, and continuously updatable with minimum manual effort.

Infosys positioning:

Built on Infosys Cobalt (cloud-first accelerators), the service provides a digital backbone for ESG data—integrating IoT telemetry, enterprise systems (ERP, EPM, SCM), supplier portals, and external data providers into a single auditable ESG data platform. It embeds taxonomy mapping (CSRD/ESRS, SEC climate, IFRS S1/S2, GRI, CDP, India BRSR), data lineage, controls, and workflow automation to industrialise reporting and analytics.

Who it's for:

Large and mid-size enterprises seeking compliance-grade ESG reporting, reduction of manual reporting cycles, and foundation to operationalise sustainability performance (e.g., target tracking, carbon budgeting, supplier engagement)

Key outcomes:

- Assurance-ready ESG data with traceability and controls
- Automated disclosures and continuous compliance
- Real-time performance analytics and scenario modeling
- Lower cost-to-report and faster cycle times

1.2 Service Description

1.1.1 Data Ingestion and Integration

A comprehensive ESG platform relies on reliable, automated, and scalable data ingestion. The framework supports:

Enterprise system connectors for core applications such as SAP, Oracle, EPM suites, procurement systems, HRIS, travel systems, fleet management tools, and plant-level operational systems to ensure direct extraction of activity data.

IoT-based telemetry inputs capturing real-time information from energy meters, equipment sensors, environmental monitoring devices, and plant instrumentation. Typical data includes electricity consumption, fuel usage, machine performance, temperature readings, and emissions measurements.

Supplier integration pipelines enabling structured collection of primary Scope 3 data across all categories, covering purchased goods, capital goods, waste, transportation, leased assets, employee travel, franchises, and investments.

External data feeds that provide essential contextual parameters such as region-specific grid emission factors, market-based electricity factors, weather datasets, regulatory benchmarks, ESG ratings, and climate-related risk indicators.

Automation via RPA for unstructured or semi-structured sources such as legacy spreadsheets, emails, scanned utility bills, or PDF invoices, enabling organisations to integrate operational data that is not system-driven.

1.1.2 Data Model, Taxonomy and Mapping

The platform uses a unified ESG data architecture that supports both operational reporting and regulatory disclosures. Key elements include:

A structured ESG data model covering environmental areas (GHG emissions, renewable energy, fuel consumption, water balance, waste streams, biodiversity impacts), social elements (workforce demographics, training hours, safety indicators, retention metrics, community programs), and governance aspects (board structure, ethics programs, risk management practices, cybersecurity).

A taxonomy alignment engine that maps data fields and metrics to multiple reporting frameworks including CSRD/ESRS, SEC Climate Disclosures, IFRS S1 and S2, GRI Standards, CDP questionnaires, and BRSR requirements. This ensures consistent interpretation and reduces reconciliation effort.

Double materiality tagging, enabling organisations to classify topics and indicators based on both financial materiality and impact materiality to comply with evolving global reporting norms.

1.1.3 Controls, Lineage and Auditability

Strong data governance is embedded throughout the lifecycle to increase transparency and audit readiness. Capabilities include:

Column- and record-level lineage, allowing stakeholders to trace each data point from its original source through all stages of transformation to the final published metric.

Data quality rules and automated validations supporting completeness checks, reasonability thresholds, timeliness requirements, consistency verification, and generation of quality scorecards.

Segregation of duties and structured approvals, ensuring that different roles manage data entry, review, and certification in a controlled workflow.

Integrated evidence management, enabling users to attach supporting documentation such as invoices, meter photos, contracts, or sampling reports, all governed by retention and compliance policies.

Role-based access and encryption, ensuring that sensitive information is only available to authorised personnel such as plant managers, ESG controllers, or corporate reporting teams.

1.1.4 Automation and Intelligence

The solution enhances operational efficiency through advanced automation and analytical intelligence. It includes:

A rules-driven calculation engine for standardised computations such as Scope 1, Scope 2 (market-based and location-based), and Scope 3 emissions, along with energy intensity, water intensity, and waste indicators.

AI/ML capabilities, including:

Predictive models to estimate values for incomplete, delayed, or inconsistent data

Anomaly detection for identifying unusual consumption patterns, operational deviations, or potential fraud risks

NLP for extracting quantitative and qualitative data from unstructured files including PDFs, compliance reports, utility bills, and inspection documents

Scenario modelling tools to simulate performance against net-zero trajectories, assess carbon budget utilisation, evaluate marginal abatement costs, and study the impact of carbon pricing

Automated disclosure support, including:

Generation of formatted reports, dashboards, and management summaries

XBRL or iXBRL tagging for regulatory filings and export of datasets aligned to ESRS templates, CDP questionnaires, or other mandated structures

Compilation of audit-ready evidence packs for internal or external assurance teams

1.1.5 Performance Management and Operational Integration

The platform integrates ESG considerations across business operations and strategic planning. Key capabilities include:

ESG KPI frameworks aligned to business units, plants, product portfolios, and supplier ecosystems, enabling performance comparison and benchmarking.

Target and budget management, linking SBTi-aligned emissions reduction targets with financial planning cycles and operational carbon budgets.

Supplier engagement modules with structured playbooks covering primary data collection, supplier scorecards, corrective action plans, and continuous improvement tracking.

Executive-level dashboards, offering interactive views, trends, variance analysis, and drill-down capabilities from enterprise level to site, equipment, or supplier level.

1.1.6 Architecture and Technology

The technology foundation is designed for scalability, interoperability, and enterprise-grade security. It includes:

Cloud-native architecture deployed on Azure, AWS, or GCP with data lake or lakehouse storage, integrated metadata cataloging, and master data management systems.

Infosys Cobalt accelerators, providing pre-configured connectors, reusable data quality templates, taxonomy maps, workflow components, and reference architectures to shorten implementation timelines.

Open API ecosystem, enabling seamless integration with existing ESG platforms, disclosure systems, ERP suites, and external verification tools.

Security and compliance alignment with enterprise governance standards, including encryption, identity management, audit logging, and adherence to global data protection regulations

1.3 Benefits

Strategic and Compliance

Future-proof compliance through configurable taxonomy maps and regulator updates

Board-grade visibility into ESG performance, risks, and progress against targets

Operational and Financial

50–70% reduction in manual effort for ESG reporting cycles (typical after automation and RPA/NLP)

Lower cost-to-serve via standardised pipelines and reusable templates

Risk reduction: fewer restatements, clearer audit trails, faster issue resolution

Data Quality and Insights

Higher data completeness and accuracy with rule-based validations and AI anomaly detection

For more information, contact askus@infosys.com



© 2026 Infosys Limited, Bengaluru, India. All Rights Reserved. Infosys believes the information in this document is accurate as of its publication date; such information is subject to change without notice. Infosys acknowledges the proprietary rights of other companies to the trademarks, product names and such other intellectual property rights mentioned in this document. Except as expressly permitted, neither this documentation nor any part of it may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, printing, photocopying, recording or otherwise, without the prior permission of Infosys Limited and/ or any named intellectual property rights holders under this document.

Infosys.com | NYSE: INFY

Stay Connected   