Partner Call: Singapore LLM Software Partner

UK-Singapore CRD 2026 | Dark Factory as a Service (DFaaS)

Faradai Limited (UK) is looking for a Singapore-registered software SME with strong Agentic AI software development skills to join a collaborative R&D bid under the UK-Singapore CRD 2026 competition.

1. The competition

Programme	UK-Singapore CRD 2026, run jointly by Innovate UK and Enterprise Singapore. Open 24 August to 16 December 2026
Funding	UK partners: grant request of £100,000 to £900,000 per project from Innovate UK. Singapore partners: funded by Enterprise Singapore through a parallel application.
Project	Industrial research only, 24 to 36 months, starting no earlier than 1 May 2027 and ending by 30 April 2030. Sector: Digital and Technologies (Artificial Intelligence).
Consortium rules	At least one Singapore-registered business, legally separate from and not linked to the UK partners. Balanced technological contribution, and no single country or partner above 70% of total project cost.

2. The project: Dark Factory as a Service (DFaaS)

DFaaS is a white-label AI platform on which a sustainability consultancy describes a new software agent in plain language, and an orchestrated team of AI agents builds, tests, deploys and maintains it, following the consultancy's own methodology.

The need. Consultancies deliver most climate disclosure work (GHG inventories, ISSB-aligned and CSRD reporting, CBAM, science-based targets, CDP) with manual steps. Inventories are assembled from spreadsheets and invoices, the same data is re-keyed into several frameworks, bespoke tools need developers the firm does not have, and its methodology sits in chat, email and past reports. The same pressures are reaching Singapore and ASEAN. To our knowledge, current sustainability platforms offer fixed, vendor-defined AI features: none lets a consultancy specify a new agent and have it engineered, tested and maintained autonomously, and none turns a firm's methodology into procedures that agents execute.

Layer	What it does
1. Agentic AI layer	Ready-made agents for data mapping, evidence collection, emission factors, Scope 3 supplier engagement, double materiality and gap analysis, multi-framework reporting, assurance readiness and QA review. Built on Faradai's DecarboIQ platform and IoT analytics.
2. Dark Factory	The consultant writes a Product Requirements Document. An orchestrator turns it into a machine-checkable specification with acceptance tests written before code. Builder, test, debugging, security and deployment agents then ship and maintain the new agent, with human approval only at defined gates.
3. Company Brain	Connects to the firm's messaging, email, document stores and past deliverables, and compiles its methodology into versioned, testable playbooks that every agent follows, with permission-aware access and full provenance.

Target outputs. By the end of the project we aim to deliver the following. All targets are indicative and will be validated against a baseline measured in the first months:

- **Dark Factory platform:** a working autonomous build pipeline that takes a Product Requirements Document to a deployed, tested agent in under 72 hours with no human coding, with at least 85% of tasks passing verification first time (95% after self-healing).
- **Multi-model routing and verification layer:** a router that selects the cheapest model expected to pass verification, with cross-model review and small fine-tuned models for recurring tasks, cutting inference cost per build by at least 50% at equal pass rate.
- **Company Brain:** a permission-aware knowledge graph and a knowledge-to-procedure compiler that turns a firm's methodology into versioned, testable playbooks, with at least 95% of agent outputs following firm methodology and citing their source.

- **Agentic AI layer v1:** ready-made sustainability agents running on deterministic, versioned calculation engines, so that every reported figure is traceable to source and calculation errors reaching assurance fall by 80%.
- **Pilot results:** at least five new agents built from a PRD alone by consultants on live client work, with emissions inventory preparation time down 70% and multi-framework reporting time down 60%.
- **Singapore and ASEAN adaptation:** benchmark sets, playbooks and tests for Singapore and ASEAN regulatory documents and languages, with a governed-AI assessment against Singapore's AI Verify and UK assurance approaches.

3. Consortium and the role of the Singapore LLM partner

Partner	Country	Proposed role
Faradai Limited	UK (lead)	Dark Factory orchestration, agentic layer, sustainability ontology, calculation engines, project management.
Lloyd McGill	Singapore	Sustainability domain expertise, live engagements for process mining and pilots, ASEAN route to market.
Partner sought	Singapore	LLM engineering research, work packages A to E below.
UK research organisation	UK	Optional: independent evaluation of results.

Work led by the Singapore LLM partner (final split agreed in the consortium work plan):

- **A. Evaluation and verification:** benchmark sets and a test harness for generated agents and LLM outputs, including regional regulatory text.
- **B. Routing and cross-model verification:** routing policies across frontier and open-weight models, and review of one model family's output by another.
- **C. Small models and deployment:** distilling recurring tasks into small fine-tuned models, with in-region deployment options for data residency.
- **D. Regional and multilingual adaptation:** adapting playbooks and tests to Singapore and ASEAN regulatory documents and languages.
- **E. Governed AI:** testing against Singapore's AI governance frameworks (for example AI Verify) alongside UK assurance approaches.

4. Partner profile

Essential	Desirable
• Registered and operating in Singapore, with at least 30% local equity held by Singapore citizens or permanent residents (Enterprise Singapore criterion, to be confirmed for 2026) • Legally separate from, and not linked to, Faradai or any UK partner • Financially ready to complete the project and able to submit a parallel Enterprise Singapore application on time • Software development as core business, with an in-house engineering team • Production LLM engineering: fine-tuning or distillation, evaluation, agents, LLMOps, with commercial and open-weight models • Capacity to commit [number] engineers or researchers for 24 to 36 months	• Regulated, numbers-critical domains such as finance, ESG, compliance or audit • Multilingual language technology for Southeast Asian languages • Secure or in-region deployment; ISO 27001 or SOC 2 • Previous Enterprise Singapore, IMDA or AI Singapore project experience • Customers or partners in the UK, Europe or the Gulf

We are not seeking a sustainability consultancy for this role. That expertise is already in the consortium.

5. Timeline to submission

28 Oct to 13 Nov	13 to 216Nov	16 Nov to 11 Dec	16 Dec, 11:00 UK
Partner search and first contact	Partner confirmed	Joint drafting and Enterprise Singapore application	Innovate UK closes

Dates are proposed. The Enterprise Singapore deadline must be confirmed separately.

6. Contact

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This call requests expressions of interest only; funding depends on independent selection by both Innovate UK and Enterprise Singapore. Competition rules are summarised from the agencies' pages (read 28 October 2026); the official documents prevail.