

PARTNER SEARCH FORM

for

Digital Europe Programme (DEP)

- ☒ I offer my expertise to participate as a Partner in a DEP Project
- ☐ I am planning to coordinate a Project and I am looking for Project Partners

TOPICS OF INTEREST

- TOPIC IDs: DIGITAL-2026-BESTUSE-10-EHDS;
DIGITAL-2026-SKILLS-10-DIGITAL-HEALTH-STEP
- TOPIC Deadline: 1 October 2026
- Deadline for the expressions of interest: As soon as possible; preferably by August 2026

PARTNER INFORMATION

- **Description of the Legal Entity:**

- Higher Education ☐
- Research Institution ☐
- Public Administration ☐
- Industry / SME ☒
- NGO ☐
- Other: ☐

Please specify:

Causal Foundry Spain SL is the Barcelona based entity of Causal Foundry, a research and deployment company working to advance global equity and ensure AI benefits everyone. The company develops adaptive AI infrastructure for high-stakes operational decision-making, helping public institutions, healthcare organisations and businesses convert live data into practical actions and measurable outcomes. Causal Foundry has particular experience in health, public-sector systems, pharmacy, supply chains and social-impact programmes.

Core technology. Kenkai combines high-performance data infrastructure, analytics, machine learning, reinforcement learning and contextual-bandit methods. It supports prediction, decision optimisation, adaptive experimentation and causal measurement, enabling systems to learn continuously from real-world outcomes. Typical applications include risk and time-to-event forecasting, next-best-action recommendations, demand and stockout forecasting, resource allocation, workflow prioritisation and performance monitoring.

Health-data and deployment capacity. Causal Foundry connects fragmented operational environments without requiring partners to replace systems that already work. The team integrates electronic health records, claims and invoicing systems, logistics platforms,

APIs, mobile applications, spreadsheets and legacy tools; ingests, maps, cleans and aligns data; and delivers decision-ready outputs through dashboards, alerts, embedded recommendations, WhatsApp/SMS and frontline or clinical interfaces. Health use cases include patient follow-up and risk prioritisation, frontline-worker support, health financing and provider payment, medical supply chains, service coverage and programme evaluation.

- **Description and expertise of the team:**

The proposed senior team combines adaptive AI, data engineering, product and programme delivery, health systems, supply-chain expertise and causal impact evaluation. All members have experience delivering in healthcare, pharmaceutical or other high-impact operating environments:

- África Periañez, PhD — CEO & Co-Founder. PhD in Mathematics with postgraduate studies in theoretical physics. She leads Causal Foundry's strategy and brings deep expertise in adaptive AI, reinforcement learning and global health systems. Previously Chief Analytics Officer at Inditex, she led the shift of large-scale supply-chain operations from reactive to predictive decision-making and now provides executive oversight across Causal Foundry's deployments.
- Sumiko Tanaka Pusch — COO. Leads partnerships, operations and international stakeholder engagement. Her background spans international relations, diplomacy and strategic negotiations, including work with international organisations across Africa, Asia and Latin America and eight years in leadership roles supporting global-health-focused non-profits.
- Dexian Tang — CTO & Co-Founder. Electrical engineer and distributed-systems specialist responsible for Causal Foundry's engineering and machine-learning infrastructure. He has led the architecture, data infrastructure, containerised deployment and ML pipeline design for the company's production systems, with responsibility for security, scalability and technical delivery.
- Ana Fernández del Río, PhD — Principal Data Scientist. PhD in statistical physics of complex systems with more than 20 years of experience in machine learning, statistical modelling and data-driven product development. Her work covers demand forecasting, supply-chain optimisation, explainability and model development across healthcare programmes.
- Ivan Nazarov — Machine Learning Scientist. Specialises in implementing, deploying and optimising machine-learning methods and computationally intensive algorithms. His work includes data processing, model implementation, temporal validation, automated pipelines, system integration, monitoring and production testing across Causal Foundry deployments.
- Paulo Quinderé Saraiva, PhD — Senior Data Scientist. PhD in Economics and specialist in econometrics, causal inference and data-driven decision-making. He leads experimental design, impact evaluation and KPI frameworks, helping partners measure whether technical interventions produce meaningful operational and social outcomes.

The team can cover AI strategy, stakeholder coordination, data architecture, secure deployment, interoperability, model development and validation, monitoring, experimental design, KPI definition, training, documentation and knowledge transfer.

- **Potential role in the project:**

- Technology provider ☒

- Data provider ☐
- Research ☒
- Training ☒
- Dissemination ☐
- Other: ☒

Please specify:

Adaptive-AI and health-data infrastructure partner; technical work-package contributor; pilot implementation and systems-integration partner; contributor to practice-based curricula, technical demonstrations, evaluation, training, documentation, knowledge transfer and capacity building.

Expertise / competence needed in case of searching for Project Partners: Causal Foundry is seeking to join an established, multi-country consortium with experience coordinating Digital Europe projects. We would welcome collaboration with public health authorities, hospitals and healthcare providers able to support needs assessment, practical training and real-world pilots; Health Data Access Bodies and health-data holders; universities and training organisations; and technical partners with expertise in EHDS implementation, EEHRxF, HL7 FHIR, HealthDCAT-AP, data quality and secondary use.

For DIGITAL-HEALTH-STEP, partners with experience designing and delivering accredited, multilingual training for healthcare professionals would be particularly relevant. For EHDS, experience managing financial support to third parties would be valuable. These capabilities would complement Causal Foundry's expertise in adaptive AI, health-data infrastructure, real-world deployment, evaluation and capacity building.

- **Other areas of interest for collaboration:** Priority areas include advanced digital skills for AI uptake in health; EHDS primary and secondary use; interoperable, high-quality and AI-ready health data; responsible and adaptive AI; clinical and operational decision support; health financing, patient follow-up and medical supply chains; workforce readiness; and the transfer of successful pilots into sustainable public and healthcare operations.
- **Already experience in EU funded projects as a:**
 - Coordinator: ☐ YES ☒ NO
 - Partner: ☒ YES ☐ NO
- **Project experience and track record:**
 - CARE-AFRICA — Horizon Europe / Global Health EDCTP3. Technology and research partner in a multi-country consortium led by King's College London. Causal Foundry contributes an AI decision-support tool for frontline health workers to identify likely causes of diarrhoeal disease and guide treatment.
 - Rwanda Social Security Board (RSSB). Health-financing transformation using large-scale claims, invoicing, utilisation and operational datasets. Causal Foundry supports monitoring and decisions on provider payments, capitation, reimbursement, targeting and resource allocation, connecting financing policy

with frontline realities through implementation planning, performance measurement and capacity building.

- mothers2mothers (m2m), South Africa. Adaptive AI, risk stratification and decision support for patient engagement and programme delivery. The work helps prioritise follow-up, identify people needing additional support and provide practical recommendations to Mentor Mothers and programme teams, combining operational data integration, model evaluation and human-centred frontline workflows.
- SwipeRx — Indonesia and Southeast Asia. Machine-learning and adaptive-AI infrastructure embedded in a digital pharmacy and B2B platform, supporting demand forecasting, personalised recommendations and behavioural interventions. The deployment delivered a 13% overall revenue increase and a 13–24% sales uplift on targeted products, demonstrating measurable impact at scale.
- Kenya Ministry of Health — eCHIS-AI integration. AI integration with Kenya's electronic Community Health Information System to support community health workers and public-health managers. The programme covers risk and follow-up prioritisation, personalised recommendations, secure Ministry-hosted deployment and rollout across eight pilot counties, requiring public-sector coordination, privacy-preserving implementation and local capacity building.
- SmartStart — South Africa. Technology and implementation partner modernising and scaling SmartStart's ECD Connect ecosystem. The work covers Android applications, a central administration platform, operational data workflows and Kenkai integration for adaptive decision support, demonstrating large-scale product delivery, shared engineering governance and knowledge transfer within an established social-impact platform.

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