



HORIZON EUROPE PARTNER SEARCH FORM

Call Topic(s):

- HORIZON-CL4-2027-04-DIGITAL-EMERGING-04 – Apply AI: Challenge-Driven AI Innovation Booster in Apply AI prioritised sectors
 - HORIZON-CL4-2027-02-DIGITAL-EMERGING-52 – New approaches for Human/AI collaboration for the workforce of the future
- Also relevant: trustworthy & human-centric AI, knowledge/data integration, operational decision intelligence.

Project Type: Research & Innovation Action (RIA)

Are you working with any other partners on this topic?:

EXPERTISE/COMMITMENT OFFERED

Form of Participation in a Horizon Europe Project: I offer my expertise to participate as a Partner in a Horizon Europe Project

Description of Researcher/Research Team Expertise: Bohuš Global develops deterministic-first, provenance-aware structured and operational intelligence software for complex, heterogeneous information environments. Core expertise: information extraction and structuring, heterogeneous data integration, knowledge graphs and domain ontologies, entity/relationship resolution, data provenance, governed AI and human-in-the-loop review. The team has designed and operationally exercised this technology on complex real-world record sets, turning fragmented information into a persistent, traceable and AI-ready knowledge base. Current R&D focuses on cross-domain reuse of this architecture across sectors.

Keywords Specifying Your Expertise: Knowledge Graphs; Domain Ontologies; Governed AI; Trustworthy & Explainable AI; Human-in-the-Loop Systems; Deterministic Information Processing; Data & Evidence Provenance; Heterogeneous Data Integration; Operational Decision Intelligence; Cross-Domain AI Integration

Activity Offered: Research, Technology, Demonstration

Involvement Proposed/Added-Value to Consortia: Bohuš Global Ltd is a UK deep-tech SME developing governed, deterministic-first structured and operational intelligence

infrastructure. Unlike generative-first approaches, our architecture combines deterministic information extraction, heterogeneous data integration, knowledge graphs/ontologies and provenance modelling with governed AI and human review, turning fragmented organisational information into a persistent, traceable knowledge base. Most mature deployment: complex legal-record environments, where evidential integrity and traceability are critical; the architecture is designed for cross-domain reuse. We can contribute to work packages on data integration, ontology/knowledge-graph development, governed AI, human-AI interaction, system integration and real-world validation – across industry, health, energy, mobility, public administration, climate and agriculture.

PROFILE OF PARTNER SOUGHT

Role: Technology Development, Research, Demonstration

Country / Region: Any - Europe/North America/South America

Expertise Required: Complementary research, technology, industrial, public-sector and end-user partners working on structured/operational intelligence in complex, data-intensive environments: knowledge graphs & ontologies, heterogeneous data integration, data provenance, trustworthy/governed AI, human-AI collaboration. Particularly interested in organisations able to provide real-world operational challenges, domain data and pilot/demonstration settings. Relevant domains: industry & manufacturing, health, civil security, energy, mobility & infrastructure, public administration, climate & environment, agriculture & food.

PREVIOUS EXPERIENCE

Short Introduction of Key Areas of your previous Research/Innovation projects: Bohuš Global's R&I focuses on deterministic-first, provenance-aware structured-intelligence software, combining deterministic processing with governed AI to create persistent, traceable representations of organisational knowledge. Most mature implementation: complex real-world legal-record environments, testing traceability, evidential integrity and human oversight. Current R&D targets cross-domain structured/operational intelligence, provenance-preserving generative AI and reproducibility as models evolve. Bohuš Global has not previously participated in an EU Framework Programme project and is now seeking to bring this technology into Horizon Europe consortia.



CONTACT DATA

Organisation: Bohus Global Ltd

Research Organisation Type: Industry/SME

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RESEARCH AREAS OF INTEREST

Pillar 1: Excellent Science: Research Infrastructures

Pillar 2: Global Challenges & European Industrial Competitiveness: Cluster 4: Digital, Industry & Space (primary interest); also open to Cluster 1: Health, Cluster 2: Culture, Creativity & Inclusive Society, Cluster 3: Civil Security for Society, Cluster 5: Climate, Energy & Mobility, Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture & Environment

Pillar 3: Innovative Europe: European Innovation Council (EIC), European Innovation Ecosystems (EIE), European Institute of Innovation and Technology (EIT)

Horizontal & Cross-Cutting Areas: EU Mission - Climate-neutral and Smart Cities, Widening Participation & Strengthening the European Research Area (WIDERA), European Partnerships (Institutionalised, Co-funded, Co-programmed), EU Mission - Soil Health and Food, EU Mission - Adaptation to Climate Change



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I agree with the publication of my contact data: Yes