

## PROJECT PARTNER SEARCH FORM

I offer my expertise to participate as a Partner in a Horizon Europe Project

### TOPICS OF INTEREST

- HORIZON-CL3-2023-INFRA-01-02: Supporting operators against cyber and non-cyber threats to reinforce the resilience of critical infrastructures
- HORIZON-CL3-2023-CS-01-02: Privacy-preserving and identity management technologies
- HORIZON-CL3-2023-CS-01-03: Security of robust AI systems
- HORIZON-CL4-2024-TWIN-TRANSITION-01-03: Manufacturing as a Service: Technologies for customized, flexible, and decentralized production on demand
- HORIZON-CL4-2023-DATA-01-04: Cognitive Computing Continuum: Intelligence and automation for more efficient data processing (AI, data and robotics partnership)
- HORIZON-CL4-2024-DATA-01-01: AI-driven data operations and compliance technologies (AI, data and robotics partnership)
- HORIZON-CL4-2023-HUMAN-01-01: Efficient trustworthy AI - making the best of data (AI, Data and Robotics Partnership)
- HORIZON-CL4-2023-HUMAN-01-11: Next Generation Internet Fund
- HORIZON-CL4-2023-HUMAN-01-12: Pilots for the Next Generation Internet
- HORIZON-CL4-2023-HUMAN-01-13: Next Generation Internet International Collaboration - USA
- HORIZON-CL5-2023-D2-02-03: Creating a digital passport to track battery materials, optimize battery performance and life, validate recycling, and promote a new business model based on data sharing (Batt4EU Partnership)
- HORIZON-CL5-2023-D3-03-04: Digital tools for enhancing the uptake of digital services in the energy market
- HORIZON-CL5-2023-D3-03-05: Creation of a standardized and open-source peer-to-peer energy sharing platform architecture for the energy sector
- HORIZON-CL5-2024-D6-01-01: Centralized, reliable, cyber-secure & upgradable in-vehicle electronic control architectures for CCAM connected to the cloud-edge continuum (CCAM Partnership)
- HORIZON-CL5-2024-D6-01-08: Improved transport infrastructure performance –Innovative digital tools and solutions to monitor and improve the management and operation of transport infrastructure
- HORIZON-CL5-2024-D6-01-10: Ensuring the safety, resilience and security of waterborne digital systems

### PARTNER INFORMATION

Guardtime is a deep-tech SME, specializing in building complex data management and security solutions based on DLT technologies for diverse industries (e.g healthcare, critical infrastructure, space, finance). Guardtime's R&D team continuously researches DLT technologies and their applicability to business problems.

Our competencies and collaboration interest include data security, privacy, cryptography (post-quantum, hash-based), secure data collaboration via auditable MPC, assured AI, cryptographic accumulators, authenticated data structures, formal verification, scalable cryptocurrency systems, self-sovereign identities, and solutions for supply chain/IoT security and transparency challenges.

### **Description of the Legal Entity**

Guardtime is a SME with over 100 experienced cryptographers, developers, and security architects. Guardtime is currently engaged in 10 international research and innovation projects funded by the European Commission (Horizon 2020, EDF) and the European Space Agency focused on energy resilience, supply chain provenance and data integrity.

### **Potential role in the project**

We are looking for a role in a project as a partner or work package leader as a technology provider, research partner, technology validator or dissemination partner.

### **CONTACT DETAILS**

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