

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-AI-DATA-10-COMPLIANCE**
- TOPIC Deadline: October 1, 2026
- Deadline for the expressions of interest:

PARTNER INFORMATION

▪ **Description of the Legal Entity:**

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

Please specify: University of La Laguna

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

The CryptULL research group in Cryptology at the University of La Laguna stands out for its deep expertise at the intersection of cryptography, quantum computing, and ethical Artificial Intelligence, with a strong focus on secure smart mobility and public sector digital compliance. The team's track record encompasses post-quantum security, zero-knowledge proofs, and AI-driven threat intelligence, demonstrated in practical applications such as the enhancement of public transport stops through secure, beacon-based guidance systems integrated with fuzzy-logic AI and cybersecurity mechanisms. The team leads a project initiative "Scientific evidence for the transition to quantum-resistant security and ethical Artificial Intelligence", which addresses the existential threat of quantum computing to public administration data protected under Spain's National Security Framework (ENS); through co-design methodologies with the Public Administration collaborator, empirical cryptographic benchmarking, and ethical AI algorithms for hybrid threat detection, this project generates actionable scientific evidence to establish a validated methodological roadmap for regional and local public bodies to achieve a compliant, ethical, and quantum-safe digital transformation.

▪ **Potential role in the project:**

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

Please specify: CryptULL can drive cutting-edge research on quantum-resistant cryptography, quantum machine learning, and ethical AI threat detection, deliver specialized training on post-quantum migration and digital compliance, and spearhead targeted dissemination across established European cybersecurity networks.

Expertise / competence needed in case of searching for Project Partners:

▪ **Other areas of interest for collaboration:**

▪ **Already experience in EU funded projects as a:**

- Coordinator: ☐ YES ☒ NO
- Partner: ☒ YES ☐ NO

▪ **Project experience and track record:**

Strong track record of leading cutting-edge national and international projects (such as ATQUE, IACTA, and SCITALA) in post-quantum cryptography, ethical AI, and cybersecurity for smart infrastructures, backed by over 70 high-impact JCR publications, dedicated Cybersecurity Chairs with INCIBE and Binter, and proven technology transfer capabilities.

CONTACT DETAILS	
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