

NCC-FI Partner Search Request Form

Requesting entity	Rebel AI&QSec Pioneers Oy Finland SME
Description of the requesting entity and experience in cybersecurity projects	<p>Rebel AI&QSec Pioneers Oy is a Finnish cybersecurity company developing reproducible and crypto-agile testing infrastructures for post-quantum cryptography (PQC). The company maintains an operational PQC testing environment with deterministic CI/CD validation, Docker-based deployment, and profile-driven crypto-agility.</p> <p>The infrastructure is designed to support reproducible PQC benchmarking, hybrid cryptographic transitions, and sector-specific simulation scenarios (e.g. energy systems and financial risk modeling). The development is founder-led and hands-on, with all components actively maintained and validated through automated testing pipelines.</p>
Program & Call to which the requesting entity intends to apply	Digital Europe Programme (DEP) ECCC/BUH/2025/OP/0015 – Deployment of a European testing infrastructure for the transition to PQC
Proposed role of the requesting entity	<p>Technology provider / Testing infrastructure and deployment partner</p> <p>Contributor role providing an operational, reproducible PQC testing environment. Not seeking consortium coordination or cryptographic certification roles.</p>
<i>If there is some information about the project for which partners are being sought, fill the following fields. In the case the requesting entity doesn't belong to any project yet and is open to participate in any related project, leave the following fields empty.</i>	
Project name	Open to join an existing consortium related to PQC testing infrastructure (e.g. consortia involving cryptographic evaluation laboratories or public-sector pilots)
Confirmed partners	None at this stage
Geographic area where partner(s) is/are sought	European Union / European Economic Area (EU / EEA)
Abstract	We provide an operational and reproducible PQC testing infrastructure supporting crypto-agility, deterministic

	<p>benchmarking, and hybrid cryptographic transition scenarios. The environment is CI-validated, containerized, and suitable for on-premise or controlled deployments.</p> <p>The infrastructure is designed to be used by cryptographic evaluation laboratories (e.g. ITSEF / CESTI) and consortium partners as a neutral execution environment for PQC testing, performance analysis, and transition validation.</p>
Role sought	Consortium seeking a testing infrastructure and deployment partner for PQC transition projects.
Define the need to be covered	<p>The consortium requires a reproducible, deployable PQC testing environment capable of executing cryptographic test scenarios without modifying baseline system behavior.</p> <p>We provide a ready-to-operate infrastructure supporting crypto-agility, deterministic validation, and sector-specific simulation use cases, enabling partners to focus on cryptographic evaluation, certification, and policy objectives.</p>
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