Upcoming grant calls

For more information, contact

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Upcoming grant calls

HORIZON-CL4-2026-SPACE-03-31

Digital enablers and building-blocks for Earth Observation and Satellite telecommunication for Space solutions

HORIZON-CL4-2026-04-DIGITAL-EMERGING-18

Large-Scale Photonic Quantum Computing Platform Technologies (RIA)

Quantum Testing Infrastructure

Call for the 2nd SGA for the Qu-Test FPA

HORIZON-WIDERA-2026-04-WIDENING01

Hop-On Facility

To join the grants matchmaking, scan the QR code or click here

Upcoming grant calls

EDF-2026-RA-SENS-MSDT-STEP

Multidomain sensors demonstrator and test

EDF-2026-RA-CYBER-QSTN-STEP

Quantum secured tactical networks

EDF-2026-LS-DIS-NT-STEP

Non-thematic actions targeting disruptive technologies for defence

HORIZON-CL4-2026-04-DIGITAL-EMERGING-11

Quantum sensor-based inertial navigation systems

To join the grants matchmaking, scan the QR code or click here

HORIZON-CL4-2026-SPACE-03-31

Digital Enablers for Earth Observation & Satellite Telecommunication

Deadline: 3.9.2026

Budget: €3-6M per project (€12M total)

TRL: 4-5 by the end of the project

Type: RIA

Focus: R&I on digitalisation of space solutions for SatCom and Earth Observation systems, including quantum technologies adaptation for space applications.

Key Requirements:

- Projects must address one of 3 R&I areas: SatCom Mission capabilities, EO equipment/services, or building blocks common to EO/SatCom (quantum tech)
- Must use existing EU technologies/building blocks for EU non-dependence
- Promote cooperation between industry, SMEs, research institutions, academia
- Complementary to H2020/Horizon Europe funded projects

Link: EU Portal

HORIZON-CL4-2026-04-DIGITAL-EMERGING-18

Large-Scale Photonic Quantum Computing Platform Technologies

Deadline: 15.4.2026

Budget: €10M

TRL: 4-7

Type: RIA + STEP

Focus: Develop scalable, modular, interoperable photonic quantum computing platforms. Target: ≥100 photonic qubits by 2028, 1,000 qubits by 2030.

Key Requirements:

- **Must be led by a startup** with expertise in photonic quantum computing
- Must include at least one major end-user partner for field demonstration
- Address ≥2 major technical roadblocks (deterministic entanglement, standardised control stack)
- Build upon Quantum Flagship results; synergies with STEP, Chips JU, IPCEI, EuroHPC
- Demonstrate concrete use case with consortium end-user partner

Link: EU Portal

Quantum Testing Infrastructure (Qu-Test FPA)

2nd Specific Grant Agreement (SGA)

Deadline: 2026 TBD

Budget: €20M

TRL: 4-7

Type: SGA without call for proposals

Focus: Establish pan-European open-access testing and experimentation infrastructure for quantum technologies validation and certification.

Key Requirements:

- Participation limited to EU Member States, Iceland, Norway, Israel only
- Entities controlled by non-eligible countries cannot participate
- Expand/interconnect open-access testing facilities in multiple Member States
- Cover range of quantum technologies (processors, sensors, photonics, control systems)
- Engagement with industry, especially startups and SMEs
- Coordination with European/international standardisation initiatives

HORIZON-WIDERA-2026-03-WIDENING-01

Hop-On Facility

Deadline: 24.9.2026

Budget: €200k-600k per project (€30M total)

TRL: 3-6

Type: RIA

Focus: Enable Widening Country institutions to join ongoing Horizon Europe Pillar II projects, mobilising excellence and improving knowledge circulation.

Key Requirements:

- Only 2 partners: 1 entity from Widening Country + 1 coordinator of existing HE project
- Existing project must be Pillar II 'main' WP or EIC Pathfinder collaborative action
- Existing project must have NO Widening Country participants currently
- **Existing project must be 1-12 months from start date at submission deadline**
- 90% of budget must go to Widening Country beneficiary (max 10% coordination fee)

Link: EU Portal

EDF-2026-RA-SENS-MSDT-STEP

Multidomain Sensors Demonstrator and Test

Deadline: TBD

Budget: €20M (1 project)

TRL: Not specified

Type: Research Action + STEP

Focus: Develop innovative radar system for detecting/tracking hypersonic glide vehicles (HGV) and UAVs using adaptive waveforms with AI and cognitive methods.

Key Requirements:

- Develop and field test engineering development model (EDM)
- Apply cognitive approaches to detection, tracking, classification, ECCM
- Software-defined methodology for radar functions; AI-based algorithms
- Demonstrate ability to detect, track, classify UAVs in representative environment
- Demonstrate by analysis ability to detect, track, classify HGVs
- Modular, scalable approach with innovative thermal management solutions

EDF-2026-RA-CYBER-QSTN-STEP

Quantum Secured Tactical Networks

Deadline: TBD

Budget: €14M (1 project)

TRL: Not specified

Type: Research Action + STEP

Focus: Develop quantum-secured tactical network combining QKD (free space & space-based), PQC, PUFs with SDN, NFV, 5G/6G for military secure communications.

Key Requirements:

- Design SDN solutions combining QKD free space/space-based, PUFs, PQC with terrestrial networks
- Use SDN to control quantum-enabled network with red-black separation for military networks
- Assess integration of mobile QKD nodes on drones (UAVs) for quantum key distribution
- Exploit 5G/6G capabilities for secure communications with seamless QKD integration
- Address multi-domain network policies, QoS metrics, security standards for coalition scenarios
- Build upon previous EDIDP/EDF funded quantum-SDN projects

EDF-2026-LS-DIS-NT-STEP

Quantum Secured Tactical Networks

Deadline: TBD

Budget: Max €3M per project

TRL: 4+

Type: Leading-edge Studies + STEP

Focus: Open call for disruptive technologies in any defence area at TRL 4+, related to STEP investment areas (digital, deep-tech, clean tech, biotech).

Key Requirements:

- Address disruptive knowledge gain, products, or technologies in any defence area
- Must relate to STEP investment areas: digital/deep-tech, clean/resource-efficient tech, or biotech
- Examples include: **AI, quantum technologies**, autonomous systems, robotics, advanced materials
- Clear technological objective targeting defence applications required
- Duration: 12-24 months (longer if justified)

HORIZON-CL4-2026-04-DIGITAL-EMERGING-11

Horizon CL4 Quantum Sensors for Inertial Navigation

Deadline: 15.4.2026

Budget: €15-30M

TRL: 3-6

Type: RIA + STEP

Focus: Develop quantum sensor-based inertial navigation systems (INS) that enable accurate, GPS-independent navigation for extended periods.

Key Requirements:

- **Minimum 4-5 partners from 3+ countries**, must include quantum sensor developer, control/electronics specialist, navigation integrator, and defense/aerospace end-user
- Field testing with benchmarking against conventional INS, demonstrating GPS-independent navigation
- Working quantum INS prototype with TRL advancement from 3 (lab proof) to 6 (field demonstration) in relevant operational environments
- Clear pathway to deployment including cost reduction analysis, manufacturing scalability, and target market strategy

Link: EU Portal

Thank You!

If you have any questions, feel free to contact us:

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