

Quantum Verticals Exchange (QVX) Day

For Quantum Technologies Application Developers

Where Europe's quantum applications meet the technologies enabling them – and the ecosystem that helps them grow.

The **Quantum Verticals Exchange (QVX) Day** is a new European forum held alongside **EQTC 2026** that brings together organisations developing quantum applications and use cases, the technology providers enabling them, and the wider ecosystem that supports their evolution.

As the inaugural edition, QVX Day aims to establish a recurring European forum where users, technology providers, buyers, funders, validation organisations and standards actors can exchange perspectives, showcase progress, identify opportunities and build new collaborations.

QVX Day recognises that quantum technologies and applications are progressing at different rates across **Quantum Computing and Simulation, Quantum Communication, Quantum Sensing and Quantum Metrology**. Some applications are already being demonstrated, while many others remain at earlier stages of development. The objective is not to oversell technology maturity, but to provide a forum where Europe's quantum ecosystem can learn from one another and help shape what comes next.

Your role in Europe's quantum ecosystem

Users play a central role in transforming quantum technologies into **applications and use cases** that address real-world challenges.

Whether you are developing, testing or integrating quantum applications for **demonstrations, prototypes, pilots or early operational systems**, your organisation provides the application perspective that helps guide future technology development.

By sharing practical experience, technical challenges and lessons learned, users help technology providers better understand application needs while giving buyers, funders, validation organisations and standards actors greater insight into where support, investment and collaboration can have the greatest impact.

Why participate?

QVX Day provides an opportunity to:

- Showcase applications and use cases under development
- Present demonstrators, prototypes and pilot activities

- Share technical challenges, operational insights and future opportunities
- Explore co-design opportunities with technology providers
- Exchange perspectives with prospective buyers and future adopters
- Engage with funders, validation organisations and standards actors
- Build collaborations across Europe's growing quantum ecosystem

Whether your application is at an early concept stage or progressing towards operational deployment, QVX Day provides a forum to exchange ideas, learn from peers and identify new collaboration opportunities.

User Showcase Presentations

The **User Showcase Programme** is selected through an open call for submissions. Presentations are intended to be **technical presentations – not commercial or sales presentations**.

Submissions should include:

- Application concepts
- Operational needs, technical challenges, current baseline/evidence of maturity
- Activities towards prototypes, demonstrations, pilot activities
- Use-case stories and scenarios
- Opportunities for co-design with technology providers
- Validation experiences and lessons learned
- Future development and collaboration pathways sought

The emphasis is on sharing technical knowledge, stimulating discussion and identifying opportunities for future collaboration across the European quantum ecosystem.

Matchmaking and ecosystem exchange

A dedicated matchmaking supports structured exchanges throughout QVX Day. Discussions focus on:

Users ↔ Technology Providers

- Co-design of future applications
- Technical collaboration
- Integration opportunities
- Identification of complementary capabilities

Users ↔ Buyers

- Operational requirements
- Future adoption opportunities
- Application feedback
- Sector-specific priorities

Funders, validation organisations and standards actors participate throughout these discussions to better understand how the wider ecosystem can support the continued development of emerging quantum applications and use cases.

Technology domains

QVX Day welcomes applications involving:

- Quantum Computing and Simulation
- Quantum Communication
- Quantum Sensing
- Quantum Metrology

Market verticals

Applications and use cases may address a wide range of sectors, including (but not limited to):

- Space, Geodesy and Timing
- Life Sciences and Healthcare
- Defence and Security
- Financial Services (FinTech)
- Telecommunications
- Critical Infrastructure
- Aerospace
- Energy
- Materials and Manufacturing
- Engineering and Logistics

Building a European community

QVX Day will be a recurring European forum where organisations developing quantum applications and use cases can connect with the technologies enabling them – and with the buyers, funders, validation organisations and standards actors who help Europe's quantum ecosystem continue to grow.

By bringing together every part of the value chain, QVX Day helps strengthen collaboration across Europe's quantum ecosystem and accelerate the development of applications and use cases that address real-world challenges.