



QuantERA Call 2025

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<https://quantera.eu/>





Overview

- Call topics
- Project Consortia: Formation Principles
- International Project Consortia
Eligibility
- Submission



Call Topics

The proposals are expected to be aligned with one of the two QuantERA Call 2025 topics:

- **Quantum Phenomena and Resources (QPR)**, aimed at establishing the **foundational principles for QT of the future**. The focus is on basic quantum science and fundamental physics, and the projects should explore novel quantum phenomena, concepts, resources, protocols, algorithms, and/or address major challenges that prevent broad applications of some quantum technologies
- **Applied Quantum Science (AQS)**, where the goal is to take known quantum effects and established concepts from quantum science, translate them into **technological applications, and develop new products**. These could be novel devices that are based on known quantum effects and that will serve a novel application in QT, or devices and systems that translate known quantum applications into products and industrial applications.



Call Topics

Funded projects in both topics are expected to address one or more of the following areas:

- **Quantum communication:** Methods/tools/materials/strategies to deal with the issues of distance, reliability, efficiency, robustness and security in quantum communication...
- **Quantum computing:** Development of noisy intermediate-scale quantum platforms, Development of novel quantum algorithms and software stacks, ...
- **Quantum simulation:** Platforms and materials for quantum simulation; development of new measurement and control techniques and of strategies for the verification of quantum simulations...
- **Quantum sensing and metrology:** Use of quantum properties for time and frequency standards,...
- **General quantum science:** Novel sources of non-classical states and methods to engineer such states. Novel ideas and applications in quantum science and technologies, based on e.g. superposition, interference, and entanglement, as means to achieve new or radically enhanced functionalities...



Project Consortia: Formation Principles

Gender balance

- Promote equal opportunity and gender balance

Geographical diversity

- Include partners from the Widening countries

Academic age balance

- Inter-generation transfer of knowledge, skills, etc

Involving industry actors

- Leverage innovation capacity across Europe and connect with industry

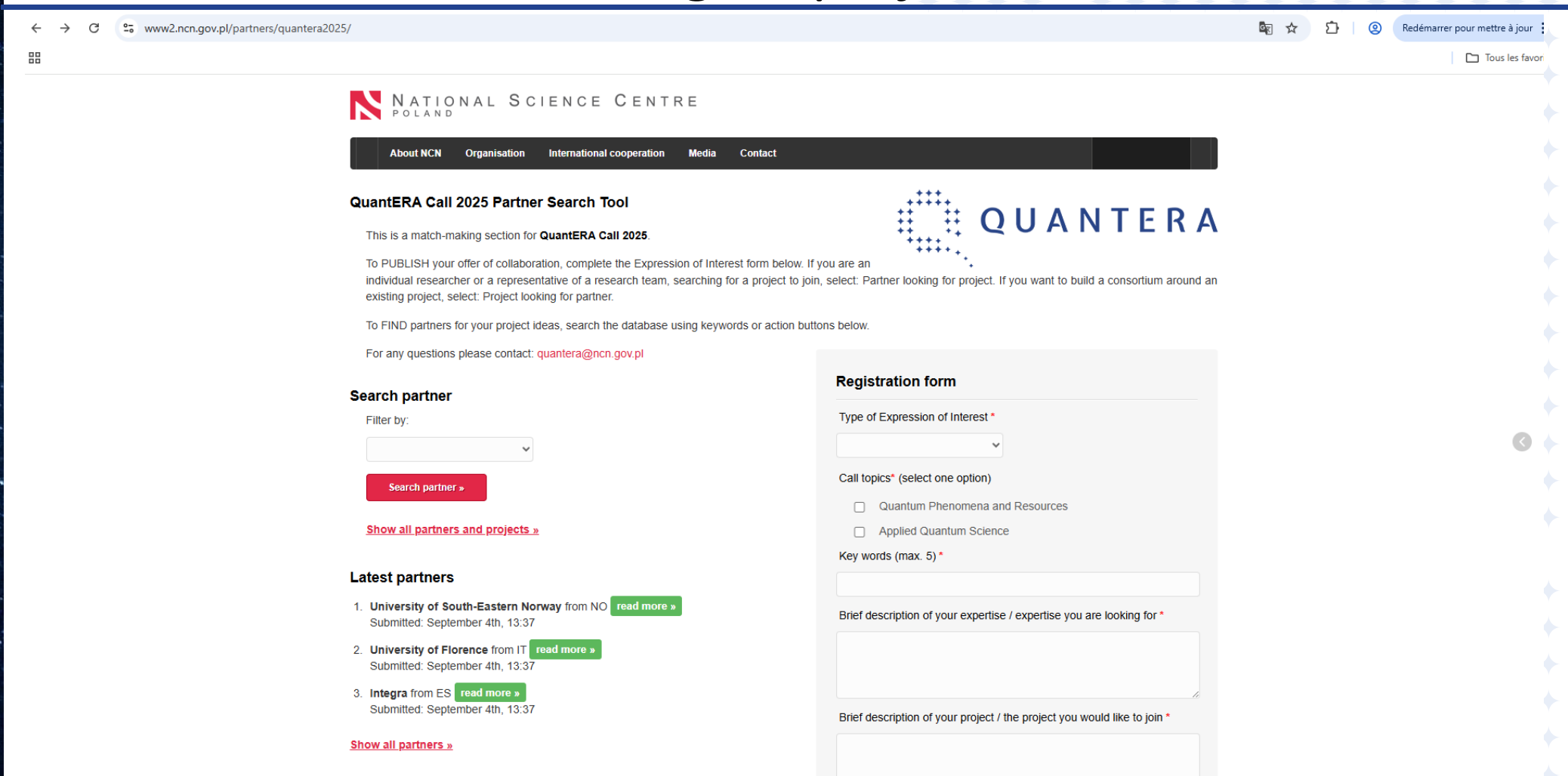
Project costs

- The typical total project cost: 2,500,000.00 EUR

Funding per entity

- The grant for one legal entity being a partner organization cannot exceed 1,000,000.00 EUR

Partner Search Tool: a tool that can be used by projects looking for partners and partners looking for projects



The screenshot shows the website for the QuantERA Call 2025 Partner Search Tool. The header includes the National Science Centre Poland logo and navigation links: About NCN, Organisation, International cooperation, Media, and Contact. The main heading is "QuantERA Call 2025 Partner Search Tool". Below this, there is a brief introduction and instructions on how to use the tool. A "Search partner" section includes a filter dropdown and a "Search partner" button. A "Latest partners" section lists three entries with "read more" links. A "Registration form" section includes fields for "Type of Expression of Interest", "Call topics", "Key words", and two text areas for descriptions.

← → ↻ 🔍 www2.ncn.gov.pl/partners/quantera2025/ ⌵ ☆ 📁 ⌵ ⌵ ⌵ Redémarrer pour mettre à jour ⌵

☐ Tous les favoris

NATIONAL SCIENCE CENTRE
POLAND

About NCN Organisation International cooperation Media Contact

QuantERA Call 2025 Partner Search Tool

This is a match-making section for **QuantERA Call 2025**.

To PUBLISH your offer of collaboration, complete the Expression of Interest form below. If you are an individual researcher or a representative of a research team, searching for a project to join, select: Partner looking for project. If you want to build a consortium around an existing project, select: Project looking for partner.

To FIND partners for your project ideas, search the database using keywords or action buttons below.

For any questions please contact: quantera@ncn.gov.pl

Search partner

Filter by:

▼

[Search partner »](#)

[Show all partners and projects »](#)

Latest partners

1. **University of South-Eastern Norway** from NO [read more »](#)
Submitted: September 4th, 13:37
2. **University of Florence** from IT [read more »](#)
Submitted: September 4th, 13:37
3. **Integra** from ES [read more »](#)
Submitted: September 4th, 13:37

[Show all partners »](#)

Registration form

Type of Expression of Interest *

▼

Call topics* (select one option)

☐ Quantum Phenomena and Resources

☐ Applied Quantum Science

Key words (max. 5) *

▼

Brief description of your expertise / expertise you are looking for *

▼

Brief description of your project / the project you would like to join *

▼

➤ <https://www2.ncn.gov.pl/partners/quantera2025/>



International Project consortia Eligibility

The project consortia :

- must be composed of **at least 3 partners** eligible to receive funding from **three or more different countries participating in the Call**. The standard consortium comprises 3 to 6 partners.
- Each consortium partner is led by a **Principal Investigator (PI)**. The project is coordinated by one of the PIs, the **Project Coordinator**. One PI **may not** coordinate more than one proposal.



Note that partners who are not requesting funding may be part of a consortium if they are able to financially secure their participation.



International Project consortia Eligibility

The consortium **budget must be balanced**:

- **at most 60%** of the total requested funding may be requested by partners from one country;
 - **at most 40%** of the total requested funding may be requested by a single partner.
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- The consortium needs to be **focused**, that is, the proposed research must have a clearly defined goal.
 - Each partner can choose only one funding organisation when submitting a proposal.



International Project consortia Eligibility

Project duration

Projects may be funded for a 24-month or 36-month period

Eligibility for funding

The project consortium as a whole must be eligible with respect to transnational rules. Each applicant must fulfil the conditions of the Research Funding Organisation from their respective country

Uniqueness

Submitted proposals cannot request funding to cover any work, that is part of a project benefitting from any other EU grant



Submission

Prior to the submission proposers are asked to check if:

- **The research is in line with the scope of the Call**
- **The consortium meets all transnational eligibility criteria**
- **Each partner meets the national eligibility criteria**

It is the responsibility of the partners to ensure their eligibility

One proposal includes:

- ✓ **The scientific document** (a proposal form typically between 25 and 35 pages)
- ✓ **The financial document** (a table listing the detailed requested funding and lists of participants)

The proposal and financial forms are available on the website: <https://quantera.eu/call-2025/>

The submission via the Electronic Submission System (ESS) will be possible **from 30 September until 5 December 2025, 17.00 CET**