



**Virtual information
event:
Trilateral Call on
Quantum
Technologies
from France, Germany
and the Netherlands**

Outline

- Introduction trilateral initiative (Bastian Hiltcher, VDI Technologiezentrum)
- Submission process (Ulrich Mans, Quantum Delta)
- Dutch national specifics (Ulrich Mans, Quantum Delta)
- French national specifics (Neil Abroug, Prime Minister's Office)
- German national specifics (Claudius Klein, VDI Technologiezentrum)
- Frequently asked questions

Trilateral call - context and objectives

- Motivation: Support European R&D in quantum technologies
- Create European value chains
- Application-oriented projects in all pillars of quantum technologies
- **synergies to European funding** schemes by anticipating, complementing or filling gaps of EU grants



Consortium composition

- Typical TRL 4-7 as goal of the project
- Partners with **complementary competencies**
- **Bi- or trilateral** consortium
- Efficient consortium: typically **2-6 partners** from academia and economy
- SME mandatory
- large companies optional



Bild: © panthermedia.net/Anna Patalova

Eligibility criteria

- duration: typical three, maximum four years
- Minimum 100.000 € **funding** per partner
- no more than 70% funding may be allocated to partners of one participating country
- Max. Funding rate:
 - Private companies: 50% (plus bonus 10% medium-sized, 20% small companies)
 - Universities, research institutions and similar organizations: 100 %
- **Specific national criteria apply!**



source pixabay

Evaluation criteria

- Scientific/ technical **relevance**
- Level of **innovation and the quality** of the scientific-technical approach
- Quality and robustness of the **pathway towards commercialization**
- Contribution to the **technological sovereignty of the EU** and a resilient supply chain
- The consortia's **effectiveness** in achieving its objectives and goals

Evaluation process: national evaluation followed by selection meeting

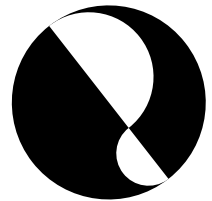
Submission process

- Deadline 20 March 2024
- Submission templates available online
- followed by selection meetings (national, then trilateral)
- Documents to be submitted through the joint website

- IMPORTANT: submissions with French partners also have to submit to BPI France (email see information sheet on www.quantumwithoutborders.org)

Dutch national specifics

- Budget available for Dutch partners: minimum 10m for rounds 1 and 2.
- QDNL contribution is max 2/3 for Dutch consortium partners
- Project goals must align with QDNL's technology roadmaps (CATs)
- Project period (for projects in round 1): 31 Dec 2028
- Max 8 partners for entire consortium
- Eligible costs: available online on www.quantumdelta.nl
- Align with QDNL's IP approach
- Payments will be done in 40/40/10/10 installments



Quantum
Delta NL

French national specifics

- Basis is an open national call “International Cooperation for resilient quantum supply-chains”,
- BPI funds the French partners.
- Project duration is typically **three to five years**.
- Each project partner receives **at least €100,000** of funding.
- French partners must have at least one SME and one research institution
- French partners receive **at least 1.5 M€** of funding.
- Funding should be balanced between countries.
- International project partners have to provide proof of availability of funding.

German national specifics

- Basis is an open German call “Quantum International – International Cooperation in Quantum Technologies” for world-wide international collaboration
- Two modules:
 - A) **Advancing Technologies** (funding for application oriented R&D projects with **funding rate up to 80%**)
 - B) ...education and training (with funding rate up to 100%)
- Please note **recent changes to the AGVO**, in effect since 2024
- Please note, that **quantum communication is not in direct focus**

German national specifics

- Typically, **two or three countries** are involved. Each country finances the domestic partners. BMBF funds the German partners.
- Project duration is typically **three years**.
- Each project partner receives **at least €100,000** of funding.
- Ideally, funding should be distributed equally among the partners; **no more than 70%** funding may be allocated to partners of **one participating country**.
- Private companies receive funding of up to 50% of the costs incurred (plus 20% for small companies, 10% for medium-sized companies).
- Universities, research and science institutions and similar organizations receive funding of 100% of the expenses incurred.

Frequently Asked Questions

- Does industry have to be in the lead?

ANSWER: Yes

- Are the requirements different in Germany and Netherlands? For instance if Germany doesn't include quantum communication. What does this imply for the Dutch situation?

ANSWER: Requirements of all countries involved in the specific consortium have to be met

- Size of projects, in terms of money: I did not find any guidance in the call regarding how big a project should be, e.g. a total of 1,5 mEUR / project (which will be distributed among partners from the 3 countries). Is there any suggestion on that?

ANSWER: typically a few millions for the whole consortium, specific national regulations apply

Frequently Asked Questions

- Budget: how detailed a budget breakdown should be? Shall it contain all the details for all three countries or just the Dutch partner's? Is there a more detailed guide available for the budget preparation?

ANSWER: The budget template on the website gives an indication of what is required for the submission on 20 March. For the detailed budget (after selection), a more detailed template will be provided in the second stage.

- Are other EU or non-EU companies/universities eligible for participation?

ANSWER: Not completely excluded, but funding would have to be provided by the third country.

Frequently Asked Questions

- Is an academic/RTO partner required in the consortium?

ANSWER: No (exception: France)

- What is the recommended consortium composition?

ANSWER: That strongly depends on the project plan.(~ 2-6 partners)

- Is there a lead agency process?

ANSWER: No, the project eligibility check will be done by all three countries, full project review, and grant agreements will be done nationally.

Frequently Asked Questions

- What is the total amount of funding available?

ANSWER: NL has 10m EUR available for round 1 and 2, FR and DE have unspecified budgets

- Is there a limit on how much projects can be funded by this programme?

ANSWER: Not limited by number, depending on the project ideas and financial requirements submitted.

- Are there going to be multiple calls? Or 1 call for projects spanning across 4 years, with budget distributed in such a way?

ANSWER: This is a first round. After that, we evaluate the process.

Frequently Asked Questions

- regarding the first step of submitting the proposal on the european level, can french partners use the same template or a literal translation of the provided submission template?

ANSWER: A literal translation of the submission template can be used

- Where lays the anticipated balance between scientific / academic RnD and commercial applications in this call?

ANSWER: The project should show a realistic pathway towards commercialisation

- How do the evaluation criteria differ for bilateral versus trilateral consortia?

ANSWER: no difference

Frequently Asked Questions

- Where can we find the full set of requirements to the individual national proposals?

ANSWER: All requirements can be found under: www.quantumwithoutborders.com

Especially national regulations are linked there.

- I heard that Netherlands/QDNL requires a CAT-x stamp-of-approval. However, I could not find this in writing.

ANSWER: Alignment with the CAT programme is part of the eligibility criteria. See page 6 of the national guidelines