



Applied Quantum Technologies Call 2025
Webinar 27 May 2025



Agenda

14:30 - Welcome Introduction to Eureka -- Jorge Liz (ESE)

14:40 - About the quantum call on applied quantum technologies - Ebbe Mosbæk Rasmussen, Danish Agency for Higher Education and Science

14:50 - About applying to the call by previous applicant in Call 2024 and Lead in the QTRAIN project - Jesper Gretlund, Head of Strategic Projects at Sparrow Quantum

15:00 - Evaluation criteria – general Eureka criteria applicable to all participants, IT platform and proposal submission - Jorge Liz & Hilde Haeleydt (ESE)

15:20 - Q&A

15:30 - Closure of general session

Parallel Info sessions – National Funding Bodies introduce additional, country-specific evaluation criteria
(separate invitations sent to registered participants)

Practical matters on the webinar

- The Webinar is being recorded
- The recording and presentations will be sent by email to all attendees
- Microphones and cameras are disabled by default
- You can type your questions through the "Questions" chatbox, they will be answered at the end of the meeting.
- Parallel “teams” meetings with the Eureka Funding Bodies of Austria, Denmark, Portugal and South Africa have been organized after this webinar.
- If no meeting was setup for your country your unanswered questions will be forwarded to your national contact point.

www.eurekanetwork.org



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Eureka History

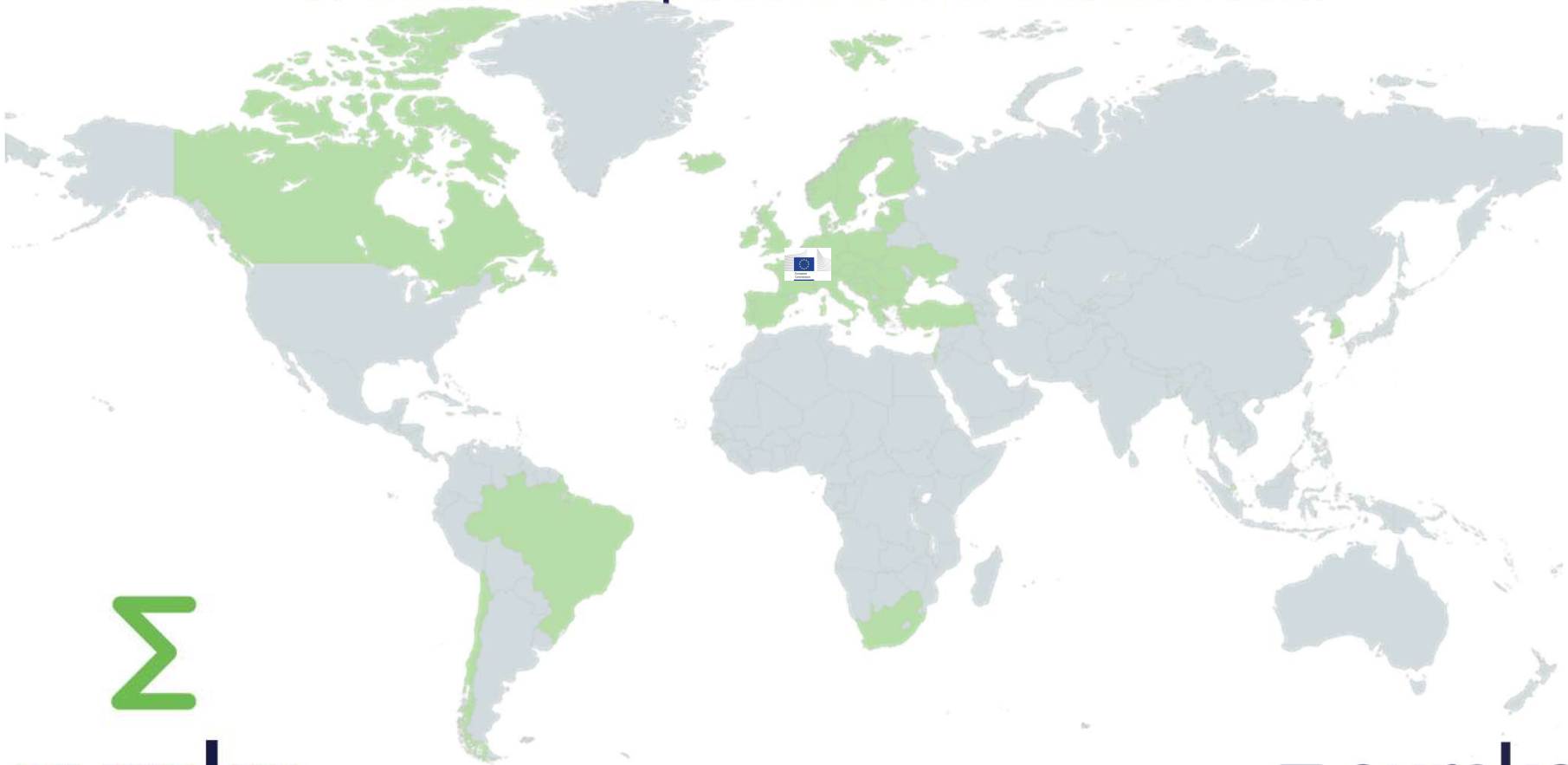
Founded in **1985** by prominent European political figures, Eureka is one of the longest running organisations dedicated to **funding international R&D projects**.

Eureka was established with the **Paris Declaration** on 17 July 1985, and its principles are based on the **Hannover Declaration**, signed by ministers on 6 November 1985.

Founding 18 countries in 1985 were Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, The Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Türkiye, United Kingdom and the European Union.



Eureka since 1985 - the world's biggest network for international cooperation in R&D and innovation



<https://www.eurekanetwork.org>



Since 1985:

+40 billion euro

of public-private
investment mobilised

+7000

groundbreaking projects in healthcare,
transport, environment, agriculture...

- = **Jobs** created
- = **Economies** boosted
- = More competitive industries
- = Enriching lives **locally** and **globally**



Who is Eureka for?

- Startups and SMEs **59%**
- Large companies **13%**
- Universities **15%**
- Research organisations **11%**
- Other **2%**



Benefits

- Access new markets
- Long-term business relationships
- Knowledge transfer
- Revenue growth

Eureka programmes



→ supports innovative SMEs international R&D projects (two calls for projects per year)



→ supports research and business ventures in new markets (one call per year)



→ drives companies towards private investment or strategic partnerships



→ eases access to the EIC Accelerator (20 tickets per year)

EUROPEAN
PARTNERSHIP



Co-funded by
the European Union



→ Connect innovators with thematic industry-led communities
(various Cluster calls per year and possibly joint calls for projects)



→ offers flexibility for international R&D projects (Open call - Multilateral calls - Thematic calls)

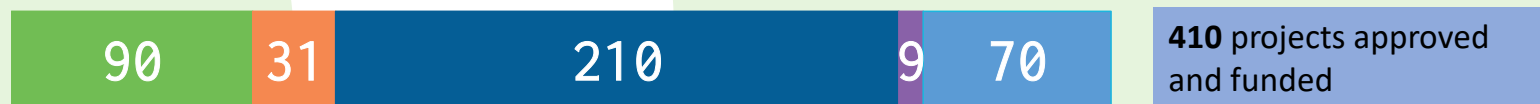


→ offers flexibility for international R&D projects with non-Eureka countries

Project figures

Each year, across Eureka's programmes...

Average number of projects per year:



Public-private investment per year, in millions of euros:



■ Network projects ■ Clusters ■ Eurostars ■ Globalstars ■ Innowwide

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Second Eureka Network call on applied quantum tech led by Denmark

Ebbe Rasmussen

Senior adviser, deputy HLR to Eureka,
Department for Innovation and Infrastructure

 Austria

 Belgium (Flanders)

 Belgium (Wallonia)

 Denmark

 Finland

 France

 Portugal

 South Africa

 Spain

 Türkiye

 Ukraine

FACT SHEET
Beneficiaries
quantum call #1
2024

The main objective of this call is to support organizations as they develop quantum technologies that outperform or accelerate existing technologies and contribute to solving problems relevant to industry, science and society. Quantum technology includes many layers of technology from quantum information processing, algorithms and the use of quantum computers for a variety of applications e.g. simulation, communication, cyber security, sensing etc.

- SUPPORTING MEMBERS
-  Austria
 -  Finland
 -  Lithuania
 -  Sweden
 -  United Kingdom
 -  Belgium (Flanders)
 -  France
 -  Singapore
 -  Switzerland
 -  Belgium (Wallonia)
 -  Germany
 -  South Korea
 -  The Netherlands
 -  Denmark
 -  Israel
 -  Spain
 -  Türkiye



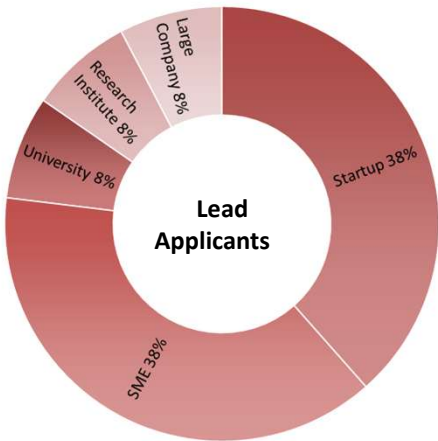
Number of proposals: 34
Total applied budget: 67.7 Mill €



Funded proposals: 13
Total funded budget: 22.9 Mill €



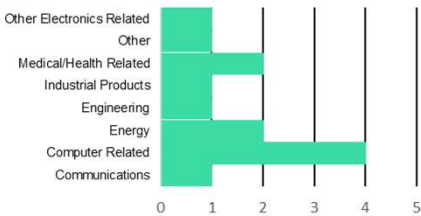
Industry driven projects (84 %)



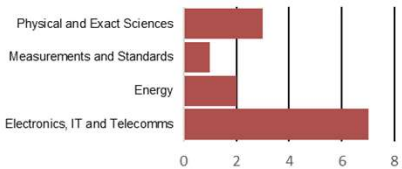
44
companies and organizations receives funding



Market area approved projects



Technical area approved projects



Key figures from EUREKA Applied Quantum Technologies Call #1 in 2024

- Success rate: 38% (13 out of 34 proposals)
- Project duration: 1,5 - 3 years (most often: 3 years)
- Project budget: 0.6 - 6.4 MEUR (average: 2 MEUR)
- Number of countries per project: 2 – 5 (most often: 2)
- Number of participants per project: 2 – 6 (most often: 4)
- Current status: Projects have started, a few are still pending national grants.

Sample of beneficiaries in call 1 2024: Danish participants in 7 of 13 consortia - variety of technologies and participants

| | Project acronym | Project title | Organisation name | Organisation type |
|---|-----------------|--|----------------------------------|--------------------|
| 1 | CoaxChem | Energizing the Future through Quantum Computing for Battery Chemistry | Kvantify Aps | SME |
| 2 | Q-CHEMION | Optimizing chemistry applications on error-mitigated trapped ion-based quantum computers | Molecular Quantum Solutions ApS | Startup |
| | Q-CHEMION | Optimizing chemistry applications on error-mitigated trapped ion-based quantum computers | Technical University of Denmark | University |
| | Q-CHEMION | Optimizing chemistry applications on error-mitigated trapped ion-based quantum computers | University of Copenhagen | University |
| 3 | QMIC | Quantum two-photon microscope for bioscience and diagnostics | Danish Fundamental Metrology A/S | Research Institute |
| | QMIC | Quantum two-photon microscope for bioscience and diagnostics | Danish Optical Fiber Innovation | SME |
| | QMIC | Quantum two-photon microscope for bioscience and diagnostics | Odense University Hospital | Hospital |
| | QMIC | Quantum two-photon microscope for bioscience and diagnostics | Technical University of Denmark | Research Institute |
| 4 | QTRAIN | Quantum Transceiver based on Deterministic Single Photon Source | Sparrow Quantum | SME |
| 5 | QuEnAIS | Quantum Enhanced AI Drug Synthesizer | QunaSys Denmark ApS | SME |
| 6 | QWIND | Quantum Enhanced Wind Turbines | Vestas Wind Systems A/S | Large Company |
| | QWIND | Quantum Enhanced Wind Turbines | Aalborg University | University |
| 7 | SCALE-IT | Superconducting Interposer Technology for large scale QPU systems | QM Technologies ApS | SME |



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Eureka Call for proposals on applied quantum technologies

Timeframe

6 May 2025: Call for projects opens

27 May 2025 at 14:30 CET: Webinar on the call for projects

5 September 2025 at 16:00 CEST: Deadline (date of receipt CEST)

March to May 2026: Projects can begin (expected)

Countries/regions with funding

| | |
|--|--|
|  Austria |  Belgium (Flanders) |
|  Belgium (Wallonia) |  Denmark |
|  Finland |  France |
|  Portugal |  South Africa |
|  Spain |  Türkiye |
|  Ukraine | |

Call procedure & recommendations

- Talk to your national contact point as soon as possible
- (Optional) Use the b2match partner search tool
- Register into the Eureka smartsimple IT platform
- By 5 September 2025 at 16:00 (CEST Brussels Time) - Submit your project application through the Eureka IT platform
- Submit your national application (national deadlines could be different)
- The application will be checked for completeness and eligibility
- The application will be evaluated at International level and National evaluations could also take place
- Projects above threshold will get the Eureka label. Funding will depend on the national decisions. Signed CA must be done by the consortium.

Call scope

International cooperation projects to develop quantum technologies that outperform or accelerate existing technologies and contribute to solving problems relevant to industry, science, and society - may include topics such as, but not limited to:

- Quantum Computing;
- Quantum simulation and stack levels
- Quantum communications and cyber security
- Quantum sensing and metrology

Call scope & eligibility criteria

- Directed at an innovative product, process or service with the goal of commercialization
- Civilian purpose
- Duration: up to 36 months
- At least at least two independent legal entities from a minimum of two Eureka countries
- Balanced project: No single organisation or country can be responsible for more than 70% of the project budget.
- A consortium agreement must be signed afterwards

Call evaluation criteria

○ Impact (market)

- Is the market properly addressed (i.e. size, access and risks)?
- Is the value creation properly addressed (i.e. employment opportunities and environmental and societal benefits)?
- What are the competitive advantages of your project (i.e. strategic importance, enhanced capabilities and visibility)?
- Are your commercialisation plans clear and realistic (i.e. return on investment, geographical and sectoral impact)?

○ Excellence (technology)

- What is the degree of innovation? (i.e. is the proposed product, process or service state-of-the-art?)
- Is there sufficient technological maturity and risk)?
- How is the new knowledge going to be used?
- Is your project scientifically and technically challenging for consortium partners?
- Is the technical achievability and risk properly addressed?

○ Quality and efficiency of implementation (consortium)

- What is the quality of your consortium (i.e. balance of the partnership and technological, managerial and financial capabilities of each partner)?
- Is there added value through international cooperation?
- Is your project management and planning realistic and clearly defined (i.e. methodology, planning approach, milestones and deliverables)?
- Is your cost structure reasonable (i.e. costs and financial commitment for each consortium partner)?

○ Overall perception

Call evaluation scores & threshold

| | |
|---|--|
| Impact – Market and Commercialisation | 30 out of 60 (minimum threshold: 50%) |
| Excellence – Innovation and R&D | 30 out of 60 (minimum threshold: 50%) |
| Quality and Efficiency of Implementation – Project Planning and Consortium Quality | 30 out of 60 (minimum threshold: 50%) |
| Minimum average threshold score: 108 out of 180 (60%) | |

Reference: Madrid, June 2017. *Eureka doc HLG/NPC 27: Annex V – Evaluation criteria*. Internal document.

Partner search & networking tool

- Available through: <https://eureka-quantum-call.b2match.io/>
- Click on Register now to create your profile

The screenshot shows the website for the Eureka Quantum Call 2025. The header includes the title 'Eureka Call on applied quantum technologies' with the dates 'May 6 - September 5, 2025'. Navigation links include 'Home', 'Participant Organizations', 'Individual Participants', 'Marketplace', and a 'Register' button. A secondary navigation bar contains 'Scope', 'Participating countries', 'How it works', 'FAQ', and 'Contact'. The main content area describes the platform as a virtual marketplace for project opportunities and 1:1 networking. It states that the call is open until September 5, 2025, and provides information on how to apply. A 'Register now' button is prominently displayed. The 'ORGANISED BY' section features the Eureka logo and tagline 'Innovation beyond borders'. The 'RESOURCES' section links to the 'Eureka Quantum Call 2025' page. The 'PARTICIPANTS' section shows a list of countries, with 'Spain' currently selected and a count of '3' participants.

Eureka Call on applied quantum technologies
May 6 - September 5, 2025

Home Participant Organizations Individual Participants Marketplace Register

Scope Participating countries How it works FAQ Contact

This website is a virtual Marketplace to discuss project opportunities and facilitate introductions between organisations from the countries participating in the Eureka call for international quantum R&D projects. It is an open 1:1 networking platform. Meetings among participants can be scheduled as a video call at any time until the call deadline.


You can search for project partners from 6 May 2025 until the call for projects deadline on 5 September 2025. Read more about this call for projects, funding information for organisations in your country or region, eligibility criteria and steps you need to follow to apply on [Eureka's website](#). This call for projects is launched through Eureka's [Network projects programme](#)."

The main objective of this call for projects is to support organisations as they develop quantum technologies that outperform or accelerate existing technologies and contribute to solving problems relevant to industry, science and society.

The call for applied quantum R&D projects may include topics such as but are not limited to:


Register now
Open until 5 September 2025

ORGANISED BY


eureka
Innovation beyond borders

RESOURCES
[Eureka Quantum Call 2025](#)

PARTICIPANTS

 Spain 3

Partner search & networking tool

- Available through: <https://eureka-quantum-call.b2match.io/>
- Select REMOTE attendance
- Fill in your personal & organization details

The screenshot shows the 'Eureka Call on applied quantum technologies' registration page. The header includes the event title, dates (February 27 - May 9, 2024), and navigation links (Home, Participant Organizations, Individual Participants, Marketplace). A progress bar indicates the current step is '2 PROFILE'. The main content area is titled 'Please make a choice' and presents two options: 'On-site' and 'Remote'. The 'Remote' option is selected. A 'Continue' button is located at the bottom right of the form.

Eureka Call on applied quantum technologies PREPARING
February 27 - May 9, 2024

Home Participant Organizations Individual Participants Marketplace

1 ATTENDANCE TYPE 2 PROFILE

Please make a choice

☐ On-site
You will physically attend this event. Your 1:1 meetings can be held in person with other on-site participants, or via online video calls with remote participants. You will be able to specify whether you will attend a session in person or remotely.

☒ Remote
You will attend this event remotely. All of your 1:1 meetings will be scheduled as online video calls. You can attend other sessions via video conference or by watching live streams.

Continue

Partner search & networking tool

- Available through: <https://eureka-quantum-call.b2match.io/>
- Create an opportunity:

The screenshot shows a user profile for Jorge Liz. The profile includes a circular avatar with the initials 'JL', the name 'Jorge Liz', and the location 'Eureka, Brussels, Belgium'. There are buttons for 'Edit my profile' and 'View my profile'. A sidebar on the left contains links for 'Overview', 'My opportunities', 'Account settings', and 'Logout'. The main content area has three sections: a blue box confirming successful sign-up, an orange box stating the profile is waiting for activation, and a blue box with a 'Create an opportunity' button.

You've successfully signed up for the Eureka Call on applied quantum technologies!
You'll receive an email confirmation shortly.

Your profile is waiting to be activated!
Your profile will be visible to other participants as soon as the organiser activates your profile. You will be notified via email.

Create an opportunity
You don't have any visible opportunities on your company profile. Please create new ones or publish the existing ones in case you have any from previous events.

[Add an Opportunity](#)

- Select the type of opportunity:

The screenshot shows a grid of seven options for creating an opportunity. Each option has a plus icon and a brief description. The options are: Product, Service, Partnership, Project Cooperation, Investment, Expertise, and Request. A 'Cancel' button is located in the top right corner.

Create an opportunity [Cancel](#)

| | | | |
|---|---|--|---|
| Product Add and describe a product you offer. | Service Add and describe a service you offer. | Partnership Add this if you are interested in engaging in a partnership with another organisation. | Project Cooperation Add this if you are interested in finding a partner for your project. |
| Investment Add this if you seek investment opportunities. | Expertise Add your area of expertise and describe what you can offer to other participants. | Request Add if you have anything specific you are looking for. | |

Partner search & networking tool

- Available through: <https://eureka-quantum-call.b2match.io/>
- Look for opportunities
 - Contact your potential partners
 - Setup online meetings
 - Discuss your ideas
 - Start building your project consortium
- Apply together through:
<https://eureka.smartsimple.ie/>

www.eurekanetwork.org



Eureka SmartSimple platform for applicants
Eureka Network Projects and Globalstars

www.eurekanetwork.org

Σeureka

Home Why Eureka Programmes **Open calls** News/blog About us Login

Open funding opportunities

Calls for projects in: Choose your country

☐ All ☐ Clusters ☐ Eurostars ☐ Globalstars ☐ Innowide ☐ Network projects

Upcoming calls

Open calls

Closed calls



Deadline 8 July 2025

France – South Korea 2025 call for projects

Network projects

Discover



Deadline 29 July 2025

Germany and Israel call for projects

Network projects

Discover



Deadline 29 August 2025

Globalstars call with Taiwan

Globalstars

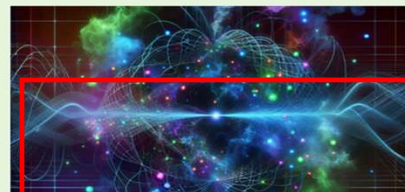
Discover



Deadline 1 September 2025

Canada and Singapore call for projects 2025

Network projects



Deadline 5 September 2025

Call for projects on applied quantum technologies

Network projects

Discover



Deadline 10 September 2025

Eureka LinkUp call for projects: connecting regions for innovation

Network projects

Discover

Σeureka

<https://eurekanetwork.org/opencalls/network-projects-all-year/>

Apply

<https://eureka.smartsimple.ie/>

Open Calls

| Open Calls | | | | | |
|---------------------------|------------------|---|---|---|---------------------|
| 1 of 4 | | | | | |
| Application Type | Call | Call Description | Participating Countries | Details | Deadline |
| Apply Now | Network projects | BILAT_CA_SG Canada-Singapore 2025 call for projects The national funding bodies from Canada - Global Affairs Canada (GAC) in partnership with the National Research Council of Canada Industrial Research Assistance Program (NRC IRAP) and Singapore - Enterprise Singapore (EnterpriseSG) have allocated funding for organisations collaborating on international R&D projects. | Canada, Singapore, | https://eurekanetwork.org/opencalls/network-projects-canada-and-singapore-call-for-projects-2025/Bilateral_Canada-Singapore_call_text.pdf | 01/09/2025 17:00 |
| Apply Now | Network projects | QUANTUM call 2025 Call for projects on applied quantum technologies The national funding bodies from Austria, Belgium (Flanders and Wallonia), Denmark, Finland, France, Portugal, Spain, South Africa, Türkiye, and Ukraine have allocated funding for organisations collaborating on international R&D projects in the field(s) of applied quantum technologies. Your project consortium must include organisations based in a minimum of two of the countries/regions listed in this call. | Austria, Belgium, Denmark, Finland, France, Portugal, South Africa, Spain, Türkiye, Ukraine, | https://eurekanetwork.org/opencalls/network-projects-quantum-2025/network-projects-quantum-2025.pdf | 05/09/2025 16:00 |
| Apply Now | Network projects | Lightweighting Call 3 Transnational Eureka Lightweighting Call This call for projects is launched following Eureka's Network projects framework based on mutual consent between participating national and regional funding bodies. The national funding bodies (NFB) from Austria, Belgium (Flanders & Wallonia), Chile, France, Germany, Lithuania, Poland, Portugal, Slovakia, South Korea, Spain, Türkiye and Ukraine have allocated funding for organisations collaborating on international R&D projects in the field of Lightweighting | Austria, Belgium, Chile, France, Germany, Lithuania, Poland, Portugal, Slovakia, Korea, South, Spain, Türkiye, Ukraine, | https://eurekanetwork.org/opencalls/network-projects-lightweighting-2025/network-projects-lightweighting-2025.pdf | 23/10/2025 17:00 |
| Apply Now | Network projects | OPEN CALL Open call for Network projects applications. The call for Network projects is open for applications all year round. Access national funding for your international collaborative R&D projects using our simple flexible programme. | | https://www.eurekanetwork.org/opencalls/network-projects-all-year/Open_call_Text_update_2023.pdf | 30/06/2025 23:59 |



Deadline

05 September 2025
16h00 CEST

eureka

Important information

Each project consortium must nominate a **main partner organisation** and have **at least one other partner organisation**.

ONE application form per project consortium:

- Only the main partner creates an application
- The other partners must be invited by the main partner

ONE partner form per project partner

Tasks in SmartSimple platform

Main Partner organisation

- ✓ Create an account and log in
- ✓ Select a call for projects: **QUANTUM call 2025**
- ✓ Create and complete the application form on behalf of the whole consortium
- ✓ **Invite project partners (1 contact per organization)**
- ✓ **Complete the partner form for your organisation** (partner form + co-signature form)
- ✓ Review the other organisation(s)' partner forms
- ✓ Submit the final application on behalf of the whole consortium

Partner organisation(s)

- ✓ Accept the invitation and register
- ✓ **Complete the partner form for your organisation** (partner form + co-signature form) → send to main partner for approval

**How to create and submit your
project application?**

Watch Video-tutorial:

[Videotutorial SmartSimple](#)



Tips

For main partner...

- ☒ Save draft regularly
- ☒ Fill in as much information as possible and define the work package structure before inviting partners
- ☒ Make sure your partners' email addresses are correctly spelled in the invitations

Before you submit your application:

- ☒ Check the 'OVERVIEW' section (some information is automatically filled in from complete partner forms) → Is any partner missing? Is the project duration correct? Is the budget correct? Check the 70%-30% member contribution rule → partner forms can be re-opened till the submission deadline
- ☒ Check the application form pdf

Tips

For all partners...

- ☒ Co-signature form: 1) Fill in your details; 2) **Save draft**; 3) Download and check that all the information is correct; 4) Upload signed co-signature doc
- ☒ Only one person can work in the application at a time
- ☒ Do you need help?

projects@eurekanetwork.org



www.eurekanetwork.org
projects@eurekanetwork.org

Questions & Answers

Σ eureka

