

**EUREKA Call for Proposals for Joint R&D Projects
on
Artificial Intelligence / Quantum Technology
between**

**Austria, Belgium, Canada, Denmark, Israel,
South Korea, Spain, Switzerland, Turkey & UK**

Time Schedule

Preannouncement	15. March 2019
Opening of the Call	1. April 2019
Consortia building and Matchmaking	16. May 2019 – 9:00-11:45
EUREKA Global Innovation Days, Manchester.	14-16. May 2019
Deadline for applications	1. July 2019 (CET: 17:00)
Communication of evaluation results	November 2019
Signature of the Consortia Agreements & Project Start	Q1 2020

Introduction

EUREKA (www.eurekanetwork.org) is an intergovernmental organisation for market-driven industrial R&D. It is a decentralised network facilitating the coordination of national funding on R&D&I, aiming to boost the productivity & competitiveness of European industries. Following a bottom-up approach with projects being of any technological area with a civilian purpose, *EUREKA* has been the driving force of innovation in Europe for over 30 years.

1. Participating Funding Agencies and Countries

Within the EUREKA initiative, the call is based on mutual consent between the participating funding bodies 1. FFG (Austria), 2. VLAIO, Innoviris & SPW-EER (Belgium) 3. NRC IRAP (Canada), 4. IFD (Denmark), 5. ISERD (Israel), 6. CDTI ¹(Spain), 7. Innosuisse (Switzerland), 8. KIAT (South Korea) 9. Tübitak (Turkey), 10. Innovate UK (UK).

2. Scope

Participants are invited to submit applied research and innovation project proposals in the following thematic domains:

- Artificial Intelligence
- Quantum Technology/Quantum sensing

3. Eligibility criteria

In order to apply to the present call, the partners must meet the following qualifications:

- The consortium should include at least two (for profit) independent companies from two of the participating countries. The participation of research institutes/universities is welcome according to each country's funding regulations.
- The project partners must express their willingness to cooperate, on a win-win/fair basis in the development of a new product, industrial process or service.
- The product, process or service must be innovative and there must be a technological risk involved.
- The project must have a civilian purpose.
- The project should benefit all involved partners in a well-balanced consortium.
- The project should have an obvious advantage and added value resulting from the technologic cooperation between the participants (e.g. increased knowledge base, commercial leads, access to R&D infrastructure etc.).

¹ Centre for the Development of Industrial Technology, EPE

- A signed consortium agreement is mandatory **before the actual start** of the project. The consortium agreement should at least include the ownership and use of know-how and IPR settlements
- The duration of the project may not exceed 36 months.

Any partner whose collaborative industrial research and innovation project is consistent with the aforementioned criteria can apply to the present call in accordance with their own laws, rules, regulations and procedures in effect, on a non-exchange of funds basis, and subject to budgetary availability.

Each participating funding body may apply additional eligibility criteria based on their national regulations. Applicants are strongly advised, prior to submitting the application, to contact their funding body (see below) to discuss their project idea and check the eligibility of the project.

Partners from other EUREKA countries or countries outside of EUREKA can also participate, but funding must be secured within the deadlines for the call.

4. Submission and approval procedures

In order to apply for this call the following documents are mandatory:

1. EUREKA Project Form

The project consortium should fill out the project description in the 'EUREKA Project Form' (an electronic form available in [this link](#). The form must be completed in English. You can find further instructions [here](#).

For this call specific instruction for filling out the 'EUREKA Project Form' is available (see Section 8 of the call text). The project consortium is strongly advised to follow this instruction and describe all necessary elements in the form as requested. You can contact your EUREKA national office to get support preparing the document (see below for detailed information per funding agency in section 7)

2. Annex 1 – Additional Project Information

Additionally, the project consortium has to fill out and submit Annex 1 with additional project information not included in the official EUREKA Project Form.

3. Annex 2 – Project Budget per Partner

The template for the budget must be used.

4. Annex 3 - GANTT diagram

There is no formal format for the GANTT diagram, but the individual WP, milestones and partners must be clearly visible in the GANTT format used.

The completed EUREKA application form, Annex 1, budget, GANTT diagramme and document with signatures should be sent to ai.quantum.call@eurekanetwork.org with subject: AI&QT multi-lateral call 2019 **before 1. July 2019, 17:00 (CET)** at the latest. The email subject line should read: "AI&QT multi-lateral call 2019.

In parallel to the submission of the EUREKA project form (both PDF editable version and a scanned signed version), all project partners are required to submit national funding application, if required, to their respective funding bodies, taking into account all relevant national procedures and submission rules. Deadline for submission might differ between the participating funding bodies (see below for detailed information per funding agency in section 7).

5 Evaluation

Applications will be evaluated nationally based on the EUREKA application including the annexes and national application forms if required. The national evaluations will subsequently be coordinated by the relevant national funding agencies.

The basis for the national evaluation is the general EUREKA eligibility criteria, national eligibility criteria and evaluations, the EUREKA application form with annexes and if required a national application form.

The relevant national funding agencies will coordinate their evaluations based on the EUREKA project assessment methodology (see annex 4). After a common list of funded and non-funded projects has been agreed the EUREKA Association will inform the applicants about the results.

6 Funding Conditions and National Funding Budgets

Funding will only be provided to labelled projects that are positively evaluated by all participating funding bodies, taking the common ranking list into account. Funding of project partners is subjected to budgetary availability and national funding conditions stipulated by each funding body.

Any IPR arising from cooperative project activities under this call shall be regulated in a Consortium Agreement (CA) in accordance with the relevant laws of the countries participating in the project.

A signed CA on the execution and commercialisation of the projects results is mandatory for selected projects and must be send to the relevant national funding agencies no later than 3 months after the results of the evaluation has been communicated. The project start can in any case not be prior to the approval of the signed CA.

The funding bodies named below will provide access to public investment for the selected projects. The support will be given to each partner by its respective funding body in accordance with their national laws, rules, regulations and procedures in

effect, on a non-exchange of funds or soft loan basis, and subject to budgetary availability for each funding body.

Name of NFB	Country	Type of finance	Allocated budget	Max funding per project
FFG	Austria	Soft Loan	€1 mio. (flexible)	Flexible
VLAIO	Belgium - Flanders	Grant	Unlimited	Flexible
INNOVIRIS	Belgium-Brussels	Grant	€1 mio.(flexible)	Flexible
SPW	Belgium-Wallonia	Grant	€1 mio.(flexible)	Flexible
NRC - IRAP	Canada	Grant	Unlimited	Flexible
IFD	Denmark	Grant	€1 mio. (flexible)	€ 400.000
ISERD	Israel	Grant	€1 mio.(flexible)	Flexible
CDTI	Spain	Soft Loan	Unlimited	Flexible
Innosuisse	Switzerland	Grant	Unlimited	CHF 1 Mio. (app. €880.000)
KIAT	South Korea	Grant	€1 mio. (flexible)	500 Mil Korean Won / year (app €390.000)
Tûbitak	Turkey	Grant	Unlimited	Flexible
Innovate UK	UK	Grant	€1 mio. (flexible)	€400.000
Total Call budget			Minimum €12-15 mio.	

NB: The budgets in the table is indicative. You must consult you national Funding Agency for further details.

7 Funding conditions and rules per NFB

7.1 FFG – Austria	
Specific National/ Regional rules	Only companies are eligible to apply for funding, universities and research organisations can be subcontractors of an Austrian company in the consortium. Each Austrian company should submit national application separately and simultaneously with the EUREKA application (until 1 July 2019). National funding programme for this call is Basisprogramm. In the national application all work of the applicant (only) should be explained in detail.
Eligible costs and funding rates	Eligible are direct costs related to research project: personnel, overhead, materials, etc. All details you can find at the website https://www.ffg.at/recht-finanzen/kostenleitfaden
Additional documents required	Complete Basisprogramm application https://www.ffg.at/programme/basisprogramm-das-programm
Contact persons	Irina Slosar (EUREKA) E-Mail: irina.slosar@ffg.at Phone: +43 5 7755 4901 Sabine Bauer (Basisprogramm) E-Mail: sabine.bauer@ffg.at Phone: +43 5 7755 1501

7.2a VLAIO – Belgium Flanders	
Specific National/ Regional rules	In the VLAIO program only companies can apply for funding via subsidies. Flemish or foreign academic partners or research institutes can be funded by VLAIO if their expertise is crucial for the Flemish partner (company) and if they are subcontracted by this company
Eligible costs and funding rates	In Belgium-Flanders the funding % for companies depends on the type of activities in the project, the size of the company and the participation of at least one SME : between 25% to maximum 60 %
Additional documents required	In addition to the centrally submitted EUREKA Project Application Form, partners from Flanders need to submit an application to VLAIO by the 01.07/2019 at 17:00, including a project plan and budget. We invite Flemish partners need to contact us for a pre-check of their project ideas. More info: https://www.vlaio.be/nl/subsidies-financiering/subsidies-voor-ooi-een-internationaal-consortium/netwerken
Contact persons	Flanders Entrepreneurship & Innovation (VLAIO) Geert Thorrez EUREKA NPC Belgium Flanders E-Mail: Geert.thorrez@vlaio.be Phone: +32 2 432 42 97
7.2b SPW-EER – Belgium Wallonia	
Specific National/ Regional rules	A Walloon application form must be submitted (see below); Minimum 40% of the Walloon budget must be allocated to an enterprise; The project cannot receive double funding; The beneficiary must have a stable financial situation; The beneficiary must have Operational offices in the Walloon Region; The project must add benefit to the regional economy.
Eligible costs and funding rates	Funding rates are depending of the type of research (Industrial research or Experimental development) and of the type of partnership. Funding rates vary between 35% to 60% for large companies and from 50% to 80% form SMEs. Universities and Colleges funding rate is 100% and 75% for research centers.

Additional documents required	In addition to the centrally submitted EUREKA Project Application Form, partners from Wallonia need to submit an application to SPW-EER by the 01.07.2019 at 17:00. We strongly advice Walloon partners to contact us for a pre-check of their project ideas. More info can be found in the Walloon EUREKA webpage .
Contact persons	SPW Economie, Emploi, Recherche (SPW-EER) Nicolas Delsaux EUREKA NPC Belgium Wallonia E-Mail: Nicolas.delsaux@spw.wallonie.be Phone: +32 473 55 61 74
7.2c Innoviris – Belgium Brussels	
Specific National/ Regional rules	In order to be eligible for Innoviris support you must develop all or part of your activities in the Brussels-Capital Region and present an innovative R&D project that is likely to have a favourable impact on the economy, employment or sustainable development in the Brussels-Capital Region. Brussels research centres must collaborate with at least one Brussels industrial partner and no partner may bear more than 70% of the cost of the project.
Eligible costs and funding rates	Funding rates in Brussels depend on project type (Industrial research vs Experimental development), company size (SME and large) and collaboration. Funding rates vary between 25% to 80% for companies. Universities and research institutes are 100% funded.
Additional documents required	In addition to the centrally submitted EUREKA Project Application Form, partners from Brussels need to submit an application to Innoviris by the 01.07.2019 at 17:00. We advise Brussels partners to contact us for a pre-check of their project ideas. More info can be found on the Innoviris website
Contact persons	Innoviris Stijn Maas EUREKA NPC Belgium Brussels E-Mail: smaas@innoviris.brussels Phone: +32 2 600 50 67

7.3 NRC IRAP – Canada	
Specific National/ Regional rules	In order to be considered for possible NRC IRAP funding, the basic eligibility criteria are: • be a small and medium-sized enterprise in Canada, incorporated and profit-oriented; • have 500 or fewer full-time equivalent employees; and • have the objective to grow and generate profits through development and commercialization of innovative, technology-driven new or improved products, services, or processes in Canada. See https://www.nrc-cnrc.gc.ca/eng/irap/services/financial_assistance.html .
Eligible costs and funding rates	Up to 50% of Total Project Cost, which is calculated as Salaries (for eligible personnel) + Overhead (55% of Salaries) + Contractor Costs, for eligible project activities. Funding details are to be discussed with one of NRC IRAP Industrial Technology Advisors located across Canada.
Additional documents required	National application to be submitted once the project has been selected by the Call. Complementary information may be required such as annual and interim financial statements.
Contact persons	Eric Holdrinet, EUREKA Deputy National Projects Coordinator E-Mail: Eric.holdrinet@cnrc-nrc.gc.ca ; Phone: 1.514.882.9384

7.4 IFD – Denmark																																											
Specific National rules	IFD can invest in projects with a clear societal value and/or economic value in Denmark. IFD invest in applied research and experimental development.																																										
Eligible costs and funding rates	The Danish part of the consortium must include a commercial partner, but universities, research institutes and other types of partners can also be financed by IFD if Danish commercial partners participate. For eligibility and general terms and conditions, please refer to “The General Terms and Conditions for International Projects”. IFD can invest in projects at TRL 3-9. The general maximum investment rates for Danish partners are summarized in the table below. IFD has special funding rules for de minimis funding. <table><tr><th colspan="2" rowspan="3">Applicant typology \ Activity typology</th><th colspan="6">Investment rates for Innovation Fund Denmark</th></tr><tr><th colspan="2">Actual costs Salary max 1.000 DKK per hour</th><th>Actual costs X institute rate</th><th colspan="3">Public organisations</th></tr><tr><th>SME's</th><th>Large Enterprises</th><th>GTS</th><th>Universities & University Colleges</th><th>Public Hospitals</th><th>Other public organisations</th></tr><tr><td>Industrial Research</td><td>Grant</td><td>75%</td><td>65%</td><td>60%</td><td>90% + 44% overhead</td><td>90% + 3,1% overhead</td><td>90% - no overhead</td></tr><tr><td>Experimental Development</td><td>Grant</td><td>33%</td><td>25%</td><td>60%</td><td>90% + 44% overhead</td><td>90% + 3,1% overhead</td><td>90% - no overhead</td></tr></table>							Applicant typology \ Activity typology		Investment rates for Innovation Fund Denmark						Actual costs Salary max 1.000 DKK per hour		Actual costs X institute rate	Public organisations			SME's	Large Enterprises	GTS	Universities & University Colleges	Public Hospitals	Other public organisations	Industrial Research	Grant	75%	65%	60%	90% + 44% overhead	90% + 3,1% overhead	90% - no overhead	Experimental Development	Grant	33%	25%	60%	90% + 44% overhead	90% + 3,1% overhead	90% - no overhead
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Additional documents required	If funded, each Danish partner must individually register and upload the EUREKA application using IFDs national e-grant portal. The deadline for registration on e-grant is 2 weeks after the Call deadline.																																										
Contact persons	EUREKA Coordinator Jens Peter Vittrup E-Mail: Jens.peter.vittrup@innofond.dk Phone: +45 6190 5023 Scientific Officer Børge Lindberg E-Mail: Boerge.lindberg@innofond.dk Phone: +45 6190 5012																																										

7.4 ISERD – ISRAEL	
Specific National/ Regional rules	Israel will offers 3 funding schemes for the call - #1 - Industrial companies (SME's, Large Enterprises etc.). In this scheme Universities, Research Institutes can participate as subcontractors, according to OCS guidelines or through non-OCS funding source. - #2 - Academic institutions may submit a collaboration project with another academic partner - #3 – Collaboration between Industry and Academia from Israel with a consortia of academia and industry from the partnering countries
Eligible costs and funding rates	- #1 - Up to 60% of approved budget for Israeli Industrial partners. - #2 – Up to 66% of approved budget for Israeli Industrial partners - #3 – Up to 85% of approved budget for Israeli academia, up until 440,000NIS per year
Additional documents required	National Funding Application: - #1 - https://my.innovationisrael.org.il/ - #2 + #3 https://innovationisrael.org.il/en/program/promoting-applied-research-academia
Contact persons	ISERD Uzi Bar-Sadeh E-mail: Uzi@iserd.org.il Phone: +972 3 511 81 85

7.6 CDTI - Spain	
Specific National/ Regional rules	CDTI will finance industrial research and/or technological development activities of Spanish companies. Universities and research centers could take part as subcontractors.
Eligible costs and funding rates	Funding conditions for Spanish partners may vary depending on the nature of the project and the beneficiaries. The features of the main funding tool for EUREKA projects in Spain is available here: https://www.cdti.es/index.asp?MP=100&MS=802&MN=2
Additional documents required	Each company must complete and submit the funding application to CDTI within 20 days after receiving the communication of eligibility. Funding decision is expected within 3 months after submitting an eligible funding application. It is mandatory that project activities do not start before submitting the funding applications to CDTI. For further information, please contact CDTI.
Contact persons	EUREKA Coordinator: Óscar Fernández Moyano E-mail: oscar.fernandez@cdti.es Tel: +34 91 581 5607

7.7 Innosuisse – Switzerland	
Specific National/ Regional rules	Only consortia consisting of at least 1 Swiss company and 1 Swiss University or Research Organisation, sharing the project costs 50:50 can apply for funding. Academic partners are funded 100%. Companies self-fund their participation and pay 10% of the funding contribution to the Swiss Research Organisation. In return they are entitled to non-exclusively exploit the project results in their business domain.
Eligible costs and funding rates	Salaries, consumables, international travel, equipment depreciation. Swiss universities are funded 100%. Swiss companies self-fund their participation. A self-funded participation of Swiss companies without participation of a funded Research Organisation is possible
Additional documents required	National funding application: https://www.innosuisse.ch/inno/en/home/start-your-innovation-project/innovationsprojekte.html
Contact persons	Colette John, E-mail: colette.john@innosuisse.ch , Phone: +41 58 466 77 32

7.7 KIAT – South Korea																	
Specific National rules	KIAT will finance industrial research and/or technological development activities of Korean companies, universities and research centers. A private enterprise which has been in operation for more than 1 year and which received corporate R&D center accreditation by the Korean government should be included in the Korean consortium.																
Eligible costs and funding rates	Project cost is comprised of government contributions and civilian dues (cash and in-kind). The amount of government contributions will vary depending on the type of executing organizations and project in accordance with Article 24 (Funding criteria) and Article 25 (Civilian dues) of the Common Operational Regulations for the Industrial Technology Innovation Programs in Korea. (see: www.k-pass.kr) A party that participates in a project shall carry out its project using the government contributions allocated to it, and for-profit organizations shall individual bear the cash portion of civilian dues. <table border="1"> <thead> <tr> <th>Classification</th><th>Share of government contributions in executing organization's project budget</th><th>Share of cash in executing organization's civilian dues</th></tr> </thead> <tbody> <tr> <td>Large company</td><td>33% or less</td><td>60 or more</td></tr> <tr> <td>Mid-tier company</td><td>50% or less</td><td>50 or more</td></tr> <tr> <td>SME</td><td>67% or less</td><td>40 or more</td></tr> <tr> <td>Other</td><td>100% or less</td><td>To be borne if necessary</td></tr> </tbody> </table>		Classification	Share of government contributions in executing organization's project budget	Share of cash in executing organization's civilian dues	Large company	33% or less	60 or more	Mid-tier company	50% or less	50 or more	SME	67% or less	40 or more	Other	100% or less	To be borne if necessary
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SME	67% or less	40 or more															
Other	100% or less	To be borne if necessary															
Additional documents required	The Korean consortium should submit its national application form until 28th of June on the k-pass system (online), before the EUREKA application until 1st of July. See : www.k-pass.kr or www.kiat.or.kr > 2019 년 산업기술국제협력 국제공동기술개발사업 공고 National submission on the k-pass system is mandatory for the project to get public funding.																
Contact persons	Hyewook Joung, E-mail: hyewook118@kiat.or.kr Phone +82-2-6009-3212																

7.9 Tübitak – Turkey	
Specific National/ Regional rules	All companies which were established in accordance with Turkish law can apply for funding for their international projects. There is no budget limit for international projects and they can be funded by TUBITAK without any restriction in project duration. Only companies participating in international projects are funded within this program but universities and research centers can be funded as subcontractors. Turkish applicants must complete their national application before 1st of July.
Eligible costs and funding rates	Companies receive certain percentage of their eligible costs as a grant in this call. There is no maximum or minimum limit to the budget of project. The percentage is 60% for large companies and 75% for SMEs.
Additional documents required	For further information about financing of Turkish participants please directly contact with TÜBİTAK. Detailed information can also be reached from here .
Contact persons	Project Officer Umut Ege Phone: +90 312 2981861 eureka@tubitak.gov.tr EUREKA National Project Coordinator (NPC) Tarik Sahin

7.10 Innovate UK – UK	
Specific National/ Regional rules	To be eligible for funding your collaboration must a UK business of any size The international partner or partners must be separate, non-linked legal entities from the UK partners.
Eligible costs and funding rates	For UK participants we have allocated up to £1 million to fund innovation projects in this competition. For industrial research projects, businesses can receive funding for eligible project costs of: • up to 70% if you are a micro or small business • up to 60% if you are a medium-sized business • up to 50% if you are a large business The research organisations in your consortium can share up to 30% of the total eligible project costs. If your consortium contains more than one research organisation, this maximum will be shared between them. Any subcontracting costs must not exceed 20% of total project costs.
Additional documents required	Applications submitted to this competition have 2 parts: 1. The EUREKA project application form. 2. The Innovate UK application form, along with the required supporting documentation. This competition uses Innovate UK's document-based process for application submission which requires an online registration. If there are several UK partners, you must nominate one organisation to lead the UK application. The nominated lead must register to submit the application and required documentation to Innovate UK.
Contact persons	Dr Jane Watkins UK National Programme Coordinator for EUREKA Jane.Watkins@innovateuk.ukri.org Tel: +44(0)7500051146

8 Application form and Annexes

8.1 EUREKA Application Form

Please register on EUREKA homepage and Download application template

<http://www.eurekanetwork.org/network-projects>

8.2 Annex 1 to 3

Annex 1 – Additional Project Information (see word template)

LINK to Word Document

Annex 2 - Project budget for all partners (see Excel template)

LINK to Excel template

Annex 3 - GANTT diagram (Individual format)

The GANTT diagram must be divided into WP, Milestones and a clear indication on which WP's the individual project participants are engaged in.

8.3 Common EUREKA Assessment Criteria:

In addition to the common EUREKA assessment criteria there can be national evaluation criteria and requirements.

1. Impact	1. Is the market properly addressed in terms of size, access and risk?
	2. Is the value creation in terms of growth, employment, environmental and societal benefits properly addressed?
	3. What are the competitive advantages of the project? (Strategic importance of the project, enhanced capabilities and visibility)
	4. Are the commercialization plans clear and realistic (Return on investment, Geographical sectoral impact)
2. Excellence	1. What is the degree of innovation (Commitment on State-of-the-art and the technological maturity and risk)
	2. How is the new knowledge going to be used?
	3. Is the project challenging scientifically, technically and for the partners?
	4. Are the technical achievability & risk conveniently addressed
3. Quality & Efficiency	1. How is the quality of the consortium? (Well-balanced partnership, technological managerial and financial capacity of each partner)
	2. Is there an added value through the international co-operation?
	3. Are the project management & planning realistic and clearly defined? (Methodology and planning approach, milestones and deliverables)
	4. Is the cost structure reasonable? (Cost and financial commitment of each participant)
4. Overall Perception	1. Pros and cons of the application
	2. Is the project recommend for public investment? (Yes or No)