



Deadline	<p>Thu 13 May 2021, 17:00 CET Pre-proposals (IOCB deadline Fri 7 May 2021) Wed 15 Sep 2021, 17:00 CET Full-proposals (IOCB deadline Fri 10 Sep 2021) Fri 17 Sep 2021, 12:00 CET national application for the MEYS support (IOCB deadline Mon 13 Sep 2021)</p>
Call name	QuantERA II ERA-NET Cofund: Call 2021 for Transnational Research Proposals
www	<p>QuantERA II: https://quantera.eu/calls-for-proposals/call-2021 MEYS (MŠMT): https://www.msmt.cz/vyzkum-a-vyvoj-2/quantera-era-net-cofund-in-quantum-technologies-ii-vyhlaseni</p>
Focused on	<p>The submitted proposals are expected to be aligned with one of the two QuantERA 2021 co-funded call 2021 topics:</p> <p>Quantum Phenomena and Resources (QPR), where the goal is to lay the foundations for the QT of the future. The focus is on basic quantum science and fundamental physics, and the projects should explore novel quantum phenomena, concepts, resources, and/or address major challenges that prevent broad applications of some quantum technologies;</p> <p>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 that translate known quantum applications into products and industrial applications.</p> <p>Funded projects in both topics are expected to address one or more of the following areas:</p> <ol style="list-style-type: none"> 1. Quantum communication 2. Quantum simulation 3. Quantum computation 4. Quantum information sciences 5. Quantum metrology sensing and imaging <p>Czech successful applicants (institutions) in research projects under QPR topic (Basic research) – financially supported by MEYS Czech successful applicants (institutions) in research projects under AQS topic (Applied research) – financially supported by TAČR (see the separate Summary for project proposals under the TAČR call conditions).</p>
PI	<p>Consortia consisting at least 3 different countries (usually 3-6 partners). One partner acts as the Coordinator for the consortium and is the single point of contact towards the QuantERA Call Secretariat.</p> <p>The project consortia must have a minimum of 3 eligible partners requesting funding in at least 3 of the following countries: Austria, Belgium, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Israel, Italy, Latvia, Lithuania, Luxembourg, Malta, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey.</p> <p>Partners from other countries can also be members of the consortium, but they must secure own funding.</p>
Eligible organisation	Academia (universities, higher education institutions, research institutes), Enterprises (all sizes). National/regional restriction may apply.
Target group	Multinational research groups collaboration - senior researchers, junior researchers, postdocs
Expected outputs	At least one of the following types of results: (F) Utility model, industrial model; (G) Prototype, functional sample; (N) Certified methodology, treatment procedure, heritage procedure, specialized map with scientific content; (P) Patent; (O) others (e.g. patent application); (R) Software; (Z) Trial operation, verified technology, variety, breed technology.
Call opens	12 Mar 2021
IOCB deadline	<p>Fri 7 May 2021 Pre-proposals Fri 10 Sep 2021 Full-proposals Mon 13 Sep 2021 MEYS proposal</p>

Final deadline	Thu 13 May 2021, 17:00 CET Pre-proposals Wed 15 Sep 2021, 17:00 CET Full-proposals For both stages of application: One joint proposal per consortium- submission via Electronic Submission System (ESS) Consortium coordinator should fill in information (financial and administrative) about partners. Fri 17 Sep 2021, 12:00 CET national application - Czech participant: submission of national parts of the proposal to the MEYS via the data box (datová schránka) ID: vidaawt
Evaluation results	July 2021 - Notification of accepted pre-proposals December 2021 - Notification of accepted full-proposals
Signature of agreement	Subject to national legal procedures Dec 2021 – Feb 2022
Earliest date of implementation	Beginning of 2022
Latest date of implementation	Subject to national procedures
Sustainability	For the type or results „O“ – others: they must meet the condition of applicability in practice and subsequently their application in practice will be monitored within the implementation plans.
Reporting	National rules (for Czech participants – MEYS, annual reports 30 January)
Project duration (min-max)	24-36 months: Regular collaborative projects National/regional restriction may apply
Allocation for the call	MEYS budget 500 000 EUR;
Project budget (min-max)	not limited, however up to 300 000 EUR (recommended for Czech participant)
Success rate	2017:11,8% i.e. 26 projects, Czech participants in 4 projects; 2019: 14,1% i.e. 12 projects Czech participants in 5 projects
Eligible costs	Czech participant: §2 of the Act. No 130/2002 Coll. <ul style="list-style-type: none"> • personnel • other direct costs (consumables, travel, depreciation costs, IPR) • subcontracting (max. 20% of total budget) • indirect costs (overheads) flat rate of 25 % of direct costs without the sub-contracting
Reimbursement	Max. 100 % of total eligible costs for basic research, 50 % for applied research and 25% for experimental development is provided by MEYS for the Czech application.
Mode of funding	ex-ante
Language of application	English/Czech for MEYS documents
Provider	Consortium of 35 national/regional providers from 28 countries (for Czech participants – Technology Agency of the Czech Republic (TA CR), www.tacr.cz and Ministry of Education Youth and Sports (MEYS), www.msmt.cz MEYS contact: Michal Vávra, michal.vavra@msmt.cz , +420 773 793 439 QuantERA Co-fund Coordinator: National Science Centre (NCN), Poland, Coordination Office, e-mail: QuantERA@ncn.gov.pl ; Programme Coordinator: Sylwia Kostka, sylwia.kostka@ncn.gov.pl ; Scientific Coordinator: Prof. Konrad Banaszek, konrad.banaszek@ncn.gov.pl Call Information: Agence Nationale de la Recherche (ANR) France, Project Officer: Dr. Sergueï Fedortchenko, serguei.fedortchenko@anr.fr +33 (0)1 7809 8037 QuantERA FAQ
Call identifier	QuantERA Co-funded Call 2021
Conditions / Restrictions	Consortium as a whole is eligible with respect to QuantERA's transnational rules (see QuantERA II 2021_Guidelines) Each partner must fulfil the conditions of the national/regional funding organization , as described in the Annex 1 of QuantERA II 2021_Guidelines. It is the responsibility of the partners to ensure their eligibility. <ul style="list-style-type: none"> • Consortium must include research groups and/or companies from at least three countries participating in the QuantERA 2021 Co-funded call 2021. • All partners are obliged to sign an agreement with their foreign partners (i.e. Consortium Agreement), which will define the modalities of cooperation on the project and the IPR, before signing the Agreement with the national funding organizations (CZ: MEYS). • If there are more Czech applicants in the consortium, the Partnership agreement has to be signed before signing the Agreement with the national funding organizations (CZ MEYS)

	<ul style="list-style-type: none"> • One principal investigator will represent each project partner. • One partner acts as the Coordinator for the consortium and is the single point of contact towards the QuantERA Call Secretariat. • A principal investigator may not coordinate more than one proposal. • 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 • Partners from several countries will submit application jointly, but individual partners will be funded by the individual QuantERA funding organization respective of the country/region from which applicants have applied.
Proposal consists of	<p><u>1a) Joint pre-proposal application form (max. 12 pages):</u></p> <ul style="list-style-type: none"> • Data of each participating organization (partner) • Summary of the project (max. 1/2 page) • Relevance to the topic (max. 1/4 page) • Detailed project information: Excellence (max. 6 pages), Impact (max. 1 page), Implementation (max. 2 pages) – incl. Financial plan • Ethical issues (max. 1/2 page) • References (max. 30 ref.) • Financial Form - Financial plan of each partner, including items description <p><u>1b) Czech applicant - national application for the MEYS – until Fri 17 Sep 2021, 12:00 CET:</u></p> <ul style="list-style-type: none"> • MEYS Eligible Costs Specification • A Sworn statement of the applicant • Joint full-proposal application form <p><u>2a) Joint full-proposal application form (max. 35 pages):</u></p> <ul style="list-style-type: none"> • Similar structure as the pre-proposal • Detail project information – more details • Brief CV of each partner, list up to 5 relevant publications, and/or products, services (incl. widely-used datasets or software), or other achievements relevant to the call content.
Evaluation criteria	<p>1) Excellence; weight 50 % in QPR 2) Impact; weight 25 % in QPR 3) Quality and efficiency of the implementation; weight 25% in QPR. Maximum score 15 points; scope 0-5 for each criterion. The QuantERA II evaluation process will consider gender balance in the evaluation panels as much as possible and will provide gender-sensitive peer review guidelines for evaluators.</p>
Research areas	<p>Research areas under the topic: Quantum Phenomena and Resources – basic quantum science; fundamental physics; novel quantum phenomena, concepts, resources; major challenges of quantum technologies.</p>
Call workshop	<p>Presentation from the TACR and MEYS webinar An online webinar organized by NCN QuantERA Partner Search Tool is provided at link</p>
IOCB contact	<p>Please inform the IOCB Project Office about your intention to apply. Do not hesitate anytime to contact us for consulting, discussion or help. Jitka Šílerová, jitka.silerova@uochb.cas.cz, +420 220 183 229 Veronika Palečková, veronika.paleckova@uochb.cas.cz, +420 220 183 266</p>
Download documents	<p>QuantERA II 2021_Summary_MEYS QuantERA II 2021_Guidelines QuantERA II 2021_MEYS Specific Information QuantERA II 2021_Pre-proposal Form QuantERA II 2021_Financial Form QuantERA II 2021_MEYS_Specifikace nákladů projektu</p>