UK Research and Innovation

Country: United Kingdom

Organisations: Engineering and Physical Sciences Research Council (EPSRC)

This addendum to the Canada-G7-Nordic call for proposals on quantum technologies provides *funding specific information* for **UK applicants applying for funding from UKRI**. Applicants should consult the Natural Sciences and Engineering Research Council of Canada (NSERC) website for full details of this funding opportunity, including application procedures. Canada-G7-Nordic call for proposals on quantum technologies

Funding available

Up to **£3,000,000** in UKRI funding is available for UK-based researchers partnering with international teams under this opportunity.

The full economic cost (FEC) of your UK component of each project may be up to £500,000. UKRI will fund 80% of the FEC, with the remaining 20% to be met by the host institution.

Scope of projects submitted to UKRI

This funding opportunity seeks to strengthen research cooperation across the G7 and Nordic countries by supporting bilateral and multilateral collaborations in quantum science and technologies. Proposals must focus on advancing one or more key areas:

- quantum algorithms and encryption (including post-quantum cryptography)
- quantum communications
- quantum computing
- quantum materials
- quantum sensing

Proposals may integrate these thematic areas with broader topics in the natural sciences and engineering. Projects that do not address at least one of these areas are out of scope. The call supports non-confidential, unclassified, university-based research, including work with potential dual-use applications, and encourages exploration of how quantum technologies can enhance privacy and security.

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Eligibility

UKRI funding is available for UK based researchers partnering with projects supported through this funding opportunity. Standard UKRI eligibility rules apply.

Before submitting an application, please ensure your organisation is **eligible to receive UKRI funding**, check the **Eligibility of your organisation**.

UK Research and Innovation (UKRI) has introduced new role types for funding opportunities run through UKRI Funding Service. Applicants should review these to understand which roles they can apply under.

For full details, visit **Eligibility as an individual**.

Post Assessment process Information

Projects with UK participants recommended for funding following the peer review process will be invited to submit their application through the UKRI Funding Service. UK costs associated with these projects will be administered as UKRI awards.

This step is **procedural only**; projects recommended for funding will **not undergo any further assessment of their scientific or programme merit at this stage**. However, standard checks relating to finances, eligibility and compliance with UKRI policies and requirements (for example equality, diversity and inclusion, and trusted research and innovation requirements) will be completed before awards are made.

Details of the submission route and required actions will be provided when the funding decision is communicated to you.

Contact details

If you have any questions about the call, remit, or eligibility criteria for UK-based applicants, please contact us at: **quantumtechnologies@epsrc.ukri.org**.

Background

Recognising the importance of international collaboration in promoting scientific discoveries, the Natural Sciences and Engineering Research Council of Canada (NSERC) and UK Research and Innovation (UKRI)’s Engineering and Physical Sciences Research Council (EPSRC) are partnering with G7 and Nordic countries funding agencies to launch a funding opportunity for research proposals on quantum science. The funding opportunity builds on complementary interests and research expertise in the UK and Canada and will advance missions identified in each country’s National Quantum Strategies.

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The UK government's National Quantum Strategy sets out a ten-year vision to establish the UK as a global leader in quantum research and technology, backed by a £2.5 billion commitment to research, innovation and skills, alongside additional targeted investment. This builds on the strong foundations of the UK's National Quantum Technologies Programme and a vibrant national ecosystem. The strategy is further supported by a set of Quantum Missions, which focus effort and investment on ambitious, outcome-driven goals designed to catalyse collaboration and accelerate real-world impact.

With G7 and Nordic countries similarly advancing national quantum priorities, there is a clear opportunity to reduce duplication of effort and build a more coordinated, complementary international quantum R&D ecosystem. By aligning strengths, sharing expertise, and promoting researcher mobility and exchange, international collaboration can maximise the collective impact of investments and accelerate progress.

This joint funding opportunity therefore invites applications for synergistic, high-quality collaborative projects involving partners across G7 and Nordic countries, supporting the development of an internationally connected and mutually reinforcing quantum research and innovation landscape.