



We present the Alliance Quantum grants call for proposals “Advancing the development and adoption of quantum technologies in Canada,” which aims to further advance Canada’s National Quantum Strategy (NQS). We are pleased to have Alberta Innovates participating as another funding agency in this call for proposals, reflecting the longstanding and fruitful partnership between our two organizations.

Important: This version of the presentation includes accompanying notes and it is available in both official languages on NSERC’s website. The hyperlinks included in the original slides are not active. To access hyperlinks, please use the presentation without notes.

Federal government support to Canada's quantum ecosystem

- The [National Quantum Strategy](#) (NQS) aims to **amplify** Canada's significant strengths in quantum research; **grow** national quantum-ready technologies, companies and talent; and **solidify** Canada's global leadership in this area. \$360 million total over seven years

Three [missions](#) + [Roadmaps](#) to achieve them

- Develop, deploy and use quantum computing hardware and software
- Ensure the privacy and cyber-security of Canadians through the development of secure quantum communications and a post-quantum cryptography initiative
- Develop and adopt quantum sensing technologies

Three [pillars](#)

- Research
- Talent
- Commercialization

- In [Budget 2025](#), through the [Defence Industrial Strategy](#), the Government of Canada committed to further investment in strengthening the country's quantum ecosystem. \$334.3 million total over five years

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As you may know, the Government of Canada launched the National Quantum Strategy (NQS) in January 2023 with the aim to amplify Canada's significant strengths in quantum research; grow its quantum-ready technologies, companies and talent; and solidify Canada's global leadership in this area.

The NQS sets out three key missions to ensure Canada stays on the path of quantum innovation and leadership. The first mission targets the development, deployment and use of quantum computing hardware and software to make Canada a world leader in this domain. The second mission aims to ensure the privacy and cyber-security of Canadians through the development of secure quantum communications and a post-quantum cryptography initiative. The third mission promotes the development and early adoption of quantum sensing technologies by the Government of Canada and key industries. Please note that the missions' presentation order is not a reflection of their respective importance; they are equally essential to the success of the NQS.

To foster these missions, the NQS calls on all stakeholders of the Canadian quantum research and innovation ecosystem to act on three interrelated pillars, research, talent and commercialization, which the Government of Canada advances through various funding opportunities and other supports aligned with the Strategy.

The Government of Canada's initial support to the implementation of the NQS across numerous initiatives and funding opportunities amounted to \$360 million over seven years.

In Budget 2025, through the Defence Industrial Strategy, the Government of Canada committed to further investments in strengthening the country's quantum ecosystem with additional support totalling more than \$334 million over five years.

NSERC's support to the NQS

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- NSERC supports the implementation of the NQS and the government's aim to strengthen Canada's quantum ecosystem through various [funding opportunities](#):
 - Alliance Consortia Quantum grants
 - Alliance International Quantum grants
 - Alliance Quantum grants
 - Collaborative Research and Training Experience (CREATE) grants
- NSERC awarded 289 awards totalling more than \$141 million over seven years to advance collaborative research projects and talent development

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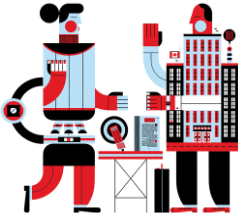
NSERC supports the implementation of the NQS and the development of quantum technologies, including for dual-use applications (civilian and defence), that are pertinent to Canada's needs through funding opportunities that aim to advance domestic multisectoral partnerships, develop talent, and increase international collaborations in quantum research and innovation. The NQS and the results of the associated consultations held by the Government of Canada have informed these funding opportunities, which are:

- Alliance Consortia Quantum grants
- Alliance International Quantum grants
- Alliance Quantum grants
- Collaborative Research and Training Experience (CREATE) grants

NSERC awarded 289 grants totalling more than \$141 million over seven years to advance collaborative research projects and talent development in quantum science and technologies.

Alliance Quantum grants

Call for proposals: Advancing the development and adoption of quantum technologies in Canada



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Let us focus now on the Alliance Quantum grants call for proposals “Advancing the development and adoption of quantum technologies in Canada.”

Alliance Quantum grants
Advancing the development and adoption of quantum technologies in Canada

Objective

Reinforce, coordinate and scale up Canada's domestic research capabilities in quantum science and technology through partnerships between university researchers and organizations from the private, public or not-for-profit sectors.

Key features

Partner organizations	<ul style="list-style-type: none"> ✓ Can be from the private, public or not-for-profit sectors ✓ At least one partner organization whose cash contributions would be recognized for cost sharing, had there been any required ✓ At least one partner organization with the ability to exploit the project's research results ✓ Active participation of all partner organizations and support through in-kind contributions
Financial support	<ul style="list-style-type: none"> ✓ NSERC: \$100,000 to \$650,000 per year to the academic team toward 100% of eligible direct costs of research
Duration	<ul style="list-style-type: none"> ✓ Up to 2 years
Applicants	<ul style="list-style-type: none"> ✓ NSERC eligible academic researchers
Application process	<ul style="list-style-type: none"> ✓ Letter of intent by July 27, 2026 ✓ Full application by October 5, 2026

More information:
[Alliance Quantum grants – Advancing the development and adoption of quantum technologies in Canada](#)

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The projects funded by Alliance Quantum grants delivered through this call for proposals will reinforce, coordinate and scale up Canada's domestic research capabilities in quantum science and technology through partnerships between university researchers and organizations from the private, public or not-for-profit sectors.

Key features of this funding opportunity are presented on this slide. We will elaborate on them in the remainder of the webinar. Of note at this stage:

- You can request **\$100,000 to \$650,000 per year** from NSERC **for up to two years** to cover eligible direct costs of research incurred by the academic team.
- **Cash contributions** from your partner organizations are **not required**. This means that NSERC will cover 100% of the project's eligible costs incurred by the academic team.
- Although your partner organizations do not need to provide cash contributions to participate, they must meet **all NSERC's requirements** to be accepted, including actively playing a role in the project and supporting it through **in-kind contributions**. We will elaborate on all NSERC's requirements that apply to your partner organizations in a moment.

Alliance Quantum grants
Advancing the development and adoption of quantum technologies in Canada

Project requirements

- Your project is expected to generate new knowledge and accelerate the use of research results to create benefits for Canada.
- Your proposal's thrust **must** aim to **advance one or more** of the [NQS missions](#) through the development of **specific areas** of quantum technologies.
- Your proposal should **align with** the NQS [mission roadmaps](#) and the agreed-upon actions to tackle the challenges, gaps and opportunities they identified for each mission.
- It is **not** a requirement that your project aims to develop a technology for defence application purposes.
 - You are encouraged to **assess the potential** of the technology for such an application and briefly discuss it, when applicable, in your proposal.

Quantum technology areas whose development must be supported in relation with the NQS missions:
Algorithms/encryption, incl. post-quantum cryptography | Communications | Computing | Materials | Sensing

More information:
[Alliance Quantum grants – Advancing the development and adoption of quantum technologies in Canada](#)

IMPORTANT: Proposals that do not address one or more of the NQS missions will not be considered.

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We will now turn our attention to the requirements for your project.

Your project is expected to generate new knowledge and accelerate the use of research results to create benefits for Canada.

Your proposal may address any challenges in quantum science, but its thrust must aim to **advance one or more of the NQS missions** through the development of any of the **specific areas of quantum technologies**, or a combination thereof. These are:

- quantum algorithms/encryption, including post-quantum cryptography
- quantum communications
- quantum computing
- quantum materials
- quantum sensing

Your proposal may also couple any of these quantum technology thrusts to other research topics in the natural sciences and engineering. It is important to note that proposals that do not address one or more of the NQS missions will **not be considered**.

You are also **encouraged to consult the mission roadmaps** developed in close consultation with Canada's quantum community and align your proposed research project with the agreed-upon actions to tackle the challenges, gaps and opportunities the roadmaps identified for each mission.

Even though the Government of Canada's latest commitment to further investments in strengthening the country's quantum ecosystem is done in connection with the Defence

Industrial Strategy, it is **not** required for your project to aim to develop a technology for defence application purposes. However, although your project may aim to develop a technology for application purposes other than defence, you are encouraged to **assess the potential for such an application** and briefly discuss it, when applicable, in your proposal. This should be done even if such an application purpose is not addressing the needs of the organizations you are partnering with. The fact that your project may not have a potential defence application will have no bearing on its merit assessment.

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Who can apply

- If you are a **Canadian university researcher** who is [eligible](#) to receive NSERC funds, you can apply on your own or as a team with co-applicants who are also [eligible](#) academic researchers.
 - Adjunct professors whose primary place of employment is in Canada while **outside the university sector** (e.g., government, industry or not-for-profit) may apply as co-applicants. College faculty can participate as co-applicants.
- You may apply for **more than one grant** as the principal applicant or as a co-applicant to support **separate projects**. The grants must cover distinct expenses.
- NSERC encourages the participation of [early career researchers](#) as applicants or co-applicants.

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If you are interested in these grants, and you are a Canadian university researcher who is eligible to receive NSERC funds, you can apply on your own or as a team with co-applicants who are also eligible academic researchers.

Adjunct professors whose primary place of employment is in Canada while **outside the university sector** (e.g., government, industry or not-for-profit) may apply as co-applicants. College **faculty** can also participate as co-applicants.

You may apply for multiple grants as an applicant or as a co-applicant to support separate projects. The grants must cover distinct expenses; there must be no overlap in funding.

Consistent with its aim to effectively support researchers throughout their careers, NSERC encourages the participation of early career researchers (ECRs) as applicants or co-applicants on Alliance Quantum grant applications. While applications led by ECRs are assessed using the same evaluation criteria, the merit indicators used for the assessment consider whether the expertise of the **entire team** (academic and partner organization participants) is appropriate for carrying out the planned research activities, as well as for managing the project and providing training.

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Advancing the development and adoption of quantum technologies in Canada

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Partner organizations

- You may involve whichever partner organizations you need to achieve the project's research goals and successfully mobilize the research results to achieve the desired impact.
- **Cash contributions** from partner organizations are **not** required, but you must have **at least one** partner organization whose cash contributions would be **recognized for cost sharing**, had there been any required.
- **All** partner organizations must actively play a role in the project and support it through **in-kind contributions**.
- **At least one** partner organization must have the ability to **exploit the project's research results**.
- Other funding organizations (e.g., other provincial or federal funding agencies) may participate as financial partners and provide support to the project in addition to NSERC.
 - Include all the project's direct costs funded by such sources in your proposal budget table and explain them.

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The participation of partner organizations is required for these grants. Your partner organizations can be from the private, public or not-for-profit sectors, and you may involve whichever partner organizations you need to achieve the project's research goals and successfully mobilize the research results to achieve the desired impact. Partner organizations may include Canadian federal departments or organizations that perform R&D, as well as anticipated end users of your project's targeted quantum technologies.

As indicated earlier, cash contributions from partner organizations are **not** required, as NSERC provides support for all eligible costs of research. Still, you must have **at least one** partner organization whose cash contributions would be **recognized for cost-sharing** with NSERC, had there been any required. What does that mean? It means that at least one partner organization must satisfy NSERC's specific requirements for it to be recognized for cost-sharing purposes with NSERC. These requirements depend on the partner organization's sector and type. You can consult the Partner organizations section of the Alliance Advantage web page for complete guidelines for partner organizations, including requirements related to the recognition of cash contributions for cost-sharing purposes with NSERC.

Also, **each** partner organization, whether recognized for cost-sharing with NSERC or not, must **actively play a role in the project and support it through in-kind contributions**. Such involvement must be achieved by doing at least one of the following:

- play an active role in the project's research activities
- use the project's research results to help achieve its desired outcomes
- play an active role in translating or mobilizing knowledge to ensure that the research results have an impact

Various in-kind contributions may be made toward the project, such as the time of the partner organization's scientific, engineering or technical staff to provide direction and participate in the project; the provision of equipment, materials or services; and the provision of access to special equipment or data. Please keep in mind that in-kind contributions are important for the success of the project, and they are **considered in the merit assessment** of your proposal.

Further, **at least one** of the partner organizations must have a **demonstrated ability to exploit the project's research results**, while other partners may be chosen for their ability to generate and mobilize knowledge.

Lastly, other funding organizations (for example, other provincial or federal funding agencies) may participate as financial partners and provide support to the project in addition to NSERC. In such cases, you must include **all the project's direct costs funded by sources other than NSERC** in your proposal budget table and explain them, as they are considered in the merit assessment of the proposal. Of course, active participation in the project and in-kind contributions are not required from funding organizations that provide financial support to the project alongside NSERC.

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Funding

- NSERC will provide \$100,000* to \$650,000* per year toward eligible direct research costs incurred by the academic team for up to two years.
- NSERC funds and cash contributions from partner organizations (if any; not required) are paid to the host university.
- The funds cannot be used to buy equipment, products or services from any partner organization, nor to cover any part of the travel and travel-related subsistence expenditures for partner organization personnel.
- For more information on eligible research costs, consult the [Eligible expenses](#) section of this call for proposals' web page or the [Tri-agency Guide on Financial Administration](#).

* These amounts represent the *minimum* and the *maximum* you can request per year, respectively; they are *not* yearly averages over the duration of your project.

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In terms of funding, as stated earlier, you can request \$100,000 to \$650,000 per year from NSERC for up to two years to cover eligible direct costs of research incurred by the academic team. It is important to note that these amounts are the **minimum** and the **maximum** you can request per year, respectively; they are not yearly averages over the duration of your project.

Please keep in mind that NSERC funds and any cash contributions your partner organizations may provide to support the project (even if they are not required) are paid to the host university. These funds cannot be used to buy equipment, products or services from any partner organization, nor to cover any part of the travel and travel-related subsistence expenditures for partner organization personnel.

For more information on eligible research costs, you may consult the Eligible expenses section of this call for proposals' web page or the Tri-agency Guide on Financial Administration.

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Funding

- You can include the costs of **equipment**.
 - Must be **essential** to the project and **incremental** to equipment already available.
- If your total expected equipment costs (**including operation and maintenance** for **new** and already **available** equipment) exceed **\$400,000** over your project's duration, you must secure an alternate source of funding to complement NSERC's support.
- The joint application and review procedure NSERC and the Canada Foundation for Innovation (CFI) have established for associated Alliance and the CFI's John R. Evans Leaders Fund does **not** apply to this call for proposals.
- Alliance Quantum grants are **not infrastructure grants**. They are primarily intended to support collaborative research and training activities, with the aim of generating new knowledge and applying it for the benefit of Canada.

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You can also include the costs of equipment, provided that the equipment is essential to achieving the objectives of the research project and incremental to equipment already available at the university or at the partner organization's location.

If your total expected equipment costs (**including operation and maintenance** for **new** and already **available** equipment) exceed **\$400,000** over your project's duration, you must secure an alternate source of funding to complement NSERC's support.

It is important to note that the joint application and review procedure NSERC and the Canada Foundation for Innovation (CFI) have established for associated Alliance and the CFI's John R. Evans Leaders Fund does **not** apply to this call for proposals.

It is also important to keep in mind that Alliance Quantum grants are **not infrastructure grants**. They are primarily intended to support collaborative research and training activities, with the aim of generating new knowledge and applying it for the benefit of Canada. The costs of equipment in your application must be consistent with this purpose.

Alliance Quantum grants
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Additional financial support by Alberta Innovates

ALBERTA INNOVATES

- Through its [Campus Alberta Small Business Engagement \(CASBE\) program](#), Alberta Innovates may leverage NSERC Alliance Quantum grants awarded through this call for proposals to provide additional support toward projects led by [researchers from Alberta universities](#) and involving an [SME incorporated or registered in Alberta](#).
- Alberta Innovates' CASBE program may leverage NSERC's award by up to **\$150,000 per year** for up to **two years**.
- CASBE support may be provided **during the duration** of NSERC's award or in the **immediate subsequent** one or two years.
- For additional information and how to apply for CASBE support in the context of this call, refer to [CASBE program guide](#), contact [Alberta Innovates](#) or consult the [How to apply](#) section of this call for proposals' web page.

OPTIONS

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Through its Campus Alberta Small Business Engagement (CASBE) program, Alberta Innovates may leverage NSERC Alliance Quantum grants awarded through this call to provide additional support toward projects led by NSERC-eligible researchers from Alberta universities and involving a **small or medium-sized enterprise (SME) incorporated or registered in Alberta**.

Alberta Innovates' CASBE program may leverage NSERC's award up to \$150,000 per year for up to two years.

CASBE support may be provided during the duration of NSERC's award or in the immediate subsequent one or two years as depicted in the options presented on this slide.

For additional information and how to apply for CASBE support in the context of this call, refer to Alberta Innovates' CASBE program guide or contact Alberta Innovates. You may also consult the How to apply section of this call for proposals web page.

Alliance Quantum grants
Advancing the development and adoption of quantum technologies in Canada

How to apply

STEP 1: LETTER OF INTENT

- You **must first** submit a letter of intent (LOI) using [NSERC's online system](#) by **July 27, 2026, before 8:00 pm (ET)**.
- Your LOI must include the [Alliance Quantum grants LOI template](#).
 - Outline the proposed research and the anticipated outcomes and explain how the project will aim to advance one or more of the NQS missions through the development of any of the indicated areas of quantum technologies, or a combination thereof.
 - List the partner organizations that intend to participate in the project.
 - List the co-applicants who intend to participate in the project.
- Your LOI must also include a completed [personal data form with CCV attachment](#) (NSERC Form 100A) for the applicant and all co-applicants (if any).

IMPORTANT: No addition of partner organizations will be allowed at the full application stage. Full applications with additional partner organizations will not be accepted.

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We will now review the application process.

You must first submit a letter of intent (LOI) using NSERC's online system **by July 27, 2026, before 8:00 pm (ET)**. You must complete and include the **Alliance Quantum grants LOI template**.

Your LOI must:

- Provide an outline of the proposed research and the anticipated outcomes and explain how the project will aim to advance one or more of the NQS missions through the development of at least one of the specific areas of quantum technologies mentioned earlier.
- List the partner organizations that intend to participate in the project.
- List the co-applicants who intend to participate in the project.

In addition to the completed LOI template, you must also include a completed personal data form with CCV attachment (NSERC Form 100A) for the applicant and all co-applicants (if any).

It is important to note that by the time you submit your LOI, you must have secured the participation of **all** the partner organizations that intend to participate in your project. **No addition of partner organizations will be allowed at the full application stage.**

Additional co-applicants may be added to the project at the full application stage.

Alliance Quantum grants
Advancing the development and adoption of quantum technologies in Canada

How to apply

STEP 1: LETTER OF INTENT

- To submit your LOI:
 - Log in to [NSERC's online system](#) and choose *Create a new Form 101*.
 - Select *Research Partnerships Programs*, then *Alliance Grants*.
 - For the Proposal type field, select *Letter of intent*.
 - For the Type of call field, select *Quantum - Technology development and adoption* from the drop-down menu.
 - Complete the required sections, provide the NSERC Form 100A for the applicant and all co-applicants, and attach the completed LOI template.

IMPORTANT: You must submit your LOI to NSERC through your Research Grants Office. Check your institution's INTERNAL SUBMISSION DEADLINE.

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To submit your LOI:

- Log in to NSERC's online system and choose *Create a new Form 101*.
- Select *Research Partnerships Programs*, then *Alliance Grants*.
- For the Proposal type field, select *Letter of intent*.
- For the Type of call field, select *Quantum - Technology development and adoption* from the drop-down menu.
- Complete the required sections, provide the NSERC Form 100A for the applicant and all co-applicants, and attach the completed LOI template.

Note that you must submit your LOI to NSERC through your institution's Research Grants Office. It is important that you check **your institution's internal submission deadline** to ensure that NSERC receives your LOI by July 27, 2026, before 8:00 pm (ET).

Alliance Quantum grants
Advancing the development and adoption of quantum technologies in Canada

How to apply

STEP 1: LETTER OF INTENT

- NSERC will communicate with you to **acknowledge receipt** of your LOI.
- If your LOI is not complete or does not satisfy NSERC's requirements, it will not be accepted, in which case you cannot submit a full application.
 - NSERC will **inform you** in the case where your LOI is **not accepted**.
- **Unless you are informed that your LOI is not accepted** by NSERC, you must then complete and submit your application by the full application deadline date.
 - NSERC will **not communicate** with you to invite you to submit your full application.

IMPORTANT: NSERC will not accept applications for which an LOI has not been first submitted.

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NSERC will communicate with you to acknowledge receipt of your LOI.

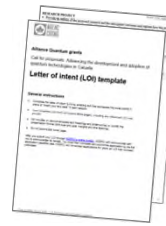
The LOI is a mandatory step in the application process. It allows NSERC to start its administrative assessment process (for example, verify alignment of the projects with the NQS missions, eligibility of applicants and co-applicants and eligibility of partner organizations). **If your LOI is not complete or does not satisfy NSERC's requirements, it will not be accepted, in which case you cannot submit a full application.** NSERC will inform you in the case where your LOI is not accepted.

Unless you are informed that your LOI is not accepted by NSERC, you must then complete and submit your application by the full application deadline date. **It is important to note that NSERC will not communicate with you to invite you to submit your full application.**

It is also important to keep in mind that NSERC will not accept applications for which an LOI has not been first submitted.

Alliance Quantum grants LOI template

- You must use the [Alliance Quantum grants LOI template](#) dedicated to this call for proposals.
- Do **not** alter the template text (headings, bullet points) and presentation format (font type and size, margins or line spacing).
- Complete the LOI template within the allowed **maximum of three pages**.
 - The maximum number of pages includes the NSERC template text.
- Do **not** include the cover (instructions) page in your submission.



As mentioned earlier, you must use the Alliance Quantum grants LOI template dedicated to this call for proposals. It is important that you **do not alter in any way the template text** (headings, bullet points) **and presentation format** (font type and size, margins or line spacing); otherwise, your LOI will not be accepted.

Your LOI template must be completed within the allowed maximum of **three** pages. It is important to note that the maximum number of pages includes the NSERC template text; do not include the template instructions in your submission.

Alliance Quantum grants
Advancing the development and adoption of quantum technologies in Canada

How to apply

STEP 2: FULL APPLICATION

- If your LOI is accepted by NSERC, it will be **converted** to a full Form 101 application.
 - Available to you **in your portfolio** in NSERC's online system **by August 19, 2026**
- You must submit your full application using NSERC's online system **by October 5, 2026, before 8:00 pm (ET)**.
- To submit your full application:
 - Log in to [NSERC's online system](#).
 - Select the appropriate Form 101 **from your portfolio** (Form: *101*; Program: *Alliance Grants*; Application Title: *Application title you created at the LOI stage*).
 - *Continued on next slide ...*

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If your LOI is accepted by NSERC, it will be converted to a full Form 101 application and will be available to you in your portfolio in NSERC's online system by August 19, 2026.

You must submit your full application using NSERC's online system **by October 5, 2026, before 8:00 pm (ET)**.

To submit your full application:

- Log in to NSERC's online system.
- Select the appropriate Form 101 from your portfolio (Form: 101; Program: Alliance Grants; Application Title: Application title you created at the LOI stage).

Alliance Quantum grants
Advancing the development and adoption of quantum technologies in Canada

How to apply

STEP 2: FULL APPLICATION

- To submit your full application *(continued from previous slide)*:
 - Following the [instructions](#) for completing an Alliance Quantum grant application **specific to this call for proposals**, you must complete the [Alliance Quantum grants proposal template](#) and the other sections of your application.
 - If your application involves one or more partner organizations from the private sector, including when they participate alongside other partner organizations from the public or not-for-profit sectors, complete the [National Security Guidelines for Research Partnerships' Risk Assessment form](#).
 - *Continued on next slide ...*

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- Next, following the instructions for completing an Alliance Quantum grant application specific to this call for proposals, you must complete the **Alliance Quantum grants proposal template** and the other sections of your application.
- If your application involves one or more partner organizations from the private sector, including when they participate alongside other partner organizations from the public or not-for-profit sectors, you must complete the **National Security Guidelines for Research Partnerships' Risk Assessment form**.

Alliance Quantum grants
Advancing the development and adoption of quantum technologies in Canada

How to apply

STEP 2: FULL APPLICATION

- To submit your full application *(continued from previous slide)*:
 - In accordance with the [Tri-agency guidance on the Policy on Sensitive Technology Research and Affiliations of Concern](#) (STRAC Policy), since your application aims to advance one of the listed sensitive technology research areas, **you** (as the applicant), your **co-applicant(s)**, and your **collaborator(s)** must **each** complete the [STRAC Attestation form](#).
 - Submit your completed application and supporting documents, including the [personal data form with CCV attachment](#) for the applicant and all co-applicants, through [NSERC's online system](#).
 - ✓ The contact person for each of your partner organizations will already have provided the required organizational information by following the [partner organization instructions](#).

IMPORTANT: You must submit your application to NSERC through your Research Grants Office. Check your institution's INTERNAL SUBMISSION DEADLINE.

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- Next, in accordance with the Tri-agency guidance on the Policy on Sensitive Technology Research and Affiliations of Concern (STRAC Policy), since your application aims to advance one of the listed sensitive technology research areas, **you** (as the applicant), your **co-applicant(s)**, and your **collaborator(s)** must **each** complete the STRAC Attestation form.
- You can then submit your completed application and supporting documents, including the personal data form with CCV attachment for yourself (the applicant) and all co-applicants, through NSERC's online system. Your partner organizations' contact persons will already have provided the required organizational information by following the partner organization instructions.

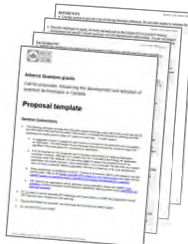
Note that you must submit your application to NSERC through your institution's Research Grants Office. It is important that you check **your institution's internal submission deadline** to ensure that NSERC receives your application by October 5, 2026, before 8:00 pm (ET).

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[nserc-crsng.gc.ca](https://www.nserc-crsng.gc.ca)

Alliance Quantum grants proposal template

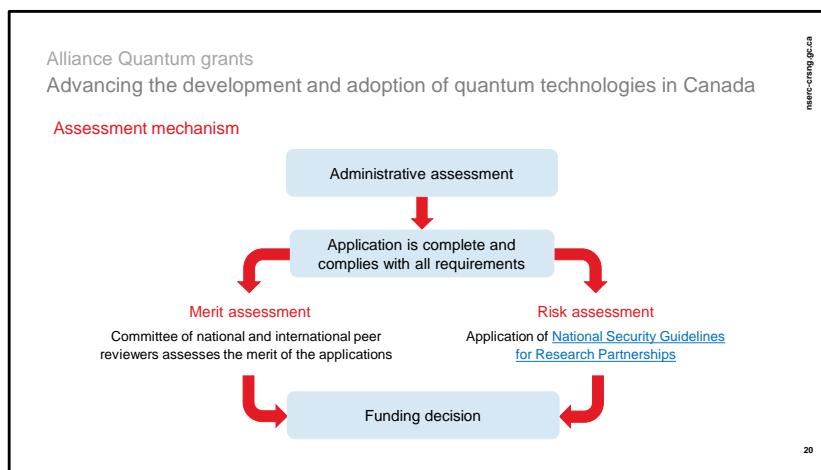
- You must use the [Alliance Quantum grants proposal template](#) dedicated to this call for proposals.
- Do **not** alter the template text (headings, bullet points) and presentation format (font type and size, margins or line spacing).
- Complete the proposal template **within the allowed maximum number of pages**.
 - The maximum number of pages **depends on the average annual request**. Refer to the [instructions specific to this call for proposals](#) to determine what applies to your proposal.
 - The maximum number of pages includes the NSERC template text.
- Do **not** include the cover page.



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As indicated earlier, you must use the Alliance Quantum grants proposal template dedicated to this call for proposals. It is important that you **do not alter in any way the template text** (headings, bullet points) **and presentation format** (font type and size, margins or line spacing); otherwise, your application will not be accepted.

Also, complete the proposal template **within the allowed maximum number of pages**, which includes the NSERC template text. Since the maximum number of pages **depends on the average annual request** from NSERC, refer to the instructions for completing an Alliance Quantum grant application specific to this call for proposals to determine the maximum number of pages that applies to your proposal.



Now we will transition to discussing the assessment of the Alliance Quantum grant applications.

When NSERC receives an Alliance Quantum grant application, it first undertakes an administrative assessment to ensure the application is complete and complies with all requirements. Once the administrative assessment is satisfactorily completed, NSERC proceeds with the merit assessment of the application.

All applications will be reviewed together following the submission deadline. They will all undergo peer review. A committee of national and international peer reviewers will assess the merit of the applications. Committee members will be drawn from universities as well as from public, private or not-for-profit organizations. The members may be informed in their assessment by reports from external reviewers.

If your proposal involves one or more partner organizations from the private sector, including when they participate alongside other partner organizations from the public or not-for-profit sectors, NSERC also reviews the National Security Guidelines for Research Partnerships' Risk Assessment form that you provide with your application. If additional expertise is required, NSERC will seek advice from Canada's national security departments and agencies. This review is undertaken independently from the peer review process.

NSERC's funding decision will take into consideration the merit evaluation as well as the assessment of potential risks for Canada's national security, when applicable.

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<p>Merit evaluation criteria <i>NSERC uses established merit indicators to rate each evaluation sub-criterion/criterion.</i></p>	
<p>1. Partnership</p> <p>1.1 Partner organizations' roles in the project and value of their involvement and any other in-kind contributions</p> <p>1.2 Relevance of the partnership and capacity of the partner organizations to translate, mobilize and/or apply the research results</p>	<p>2. Research plan and team</p> <p>2.1 Clarity of the research objectives and expected results, appropriateness of the research plan, and suitability of the budget</p> <p>2.2 Appropriateness of the expertise of the team (academic and partner organization participants) for carrying out the planned research activities, as well as for managing the project and providing training</p>
<p>3. Training</p> <p>3.1 Opportunities for enriched learning experiences for research trainees (undergraduate and graduate students, postdoctoral fellows) to develop relevant research skills, as well as professional skills (e.g., leadership, communication, collaboration and entrepreneurship)</p> <p>3.2 Consideration of equity, diversity and inclusion in the training plan*</p>	<p>4. Impact and benefits to Canada</p> <p>4.1 Innovativeness of the proposed research and its potential to lead to advancements or new knowledge in the natural sciences or engineering disciplines</p> <p>4.2 Significance of the outcomes and the economic, environmental and/or other societal benefits for Canada and Canadians</p>
<p><small>* The merit of proposals against sub-criterion 3.2 is assessed by NSERC file managers.</small></p>	

The merit of any Alliance Quantum grant proposal is assessed using the Alliance grants evaluation criteria. Each criterion has two sub-criteria, and your proposal must satisfy all the sub-criteria to be considered for funding. NSERC uses established merit indicators to rate each evaluation sub-criterion.

The merit evaluation of the sub-criterion related to the consideration of equity, diversity and inclusion in the training plan is carried out by NSERC file managers.

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Funding decision

- NSERC's funding decision will take into consideration the **merit evaluation** and the **assessment of potential risks** for Canada's national security, when applicable.
- NSERC will use the merit indicator ratings assigned to applications to select proposals for funding on a **competitive basis**.
- Funding decisions should be made **by March 2027**.
- If your project is approved for funding:
 - You will receive an award letter providing information about your grant, and you must adhere to the **terms and conditions** set out in the award letter. NSERC will normally transfer grant funds to your university within **30 days** of the project start date.
 - When applicable, **Alberta Innovates** will proceed with its own internal process to make its funding decision and release its funds. It will be informed in its funding decision by the results of the merit assessment undertaken by the NSERC committee of peer reviewers.

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NSERC will use the merit indicator ratings assigned to applications to select proposals for funding on a **competitive basis**. As stated earlier, where applicable, NSERC will also consider the results of the risk assessment review process to ensure that any identified risks are appropriately mitigated.

Funding decisions should be made by **March 2027**.

If your project is approved for funding, you will receive an award letter from NSERC for your Alliance Quantum grant; it will include the terms and conditions of the award, which you must adhere to. NSERC normally transfers your grant funds to the host university within 30 days of the project start date.

When applicable, Alberta Innovates will proceed with its own internal process to make its funding decision and release its funds. It will be informed in its funding decision by the results of the merit assessment undertaken by the NSERC committee of peer reviewers.

Reminders and considerations to keep in mind

- Your application **must** include a training component **principally** intended for **undergraduate, graduate and/or postdoctoral trainees**.
- You must briefly describe the **responsibilities of each trainee** and indicate the percentage of time they will spend on your project.
- Reviewers will evaluate your project's opportunities for enriched learning experiences to develop **research and professional skills**.
- Ensure each partner organization's contact person provides information about their organization following the [partner organization instructions](#), including the partner organization profile.
 - Description of the organization, including the nature of its operations in Canada and how it intends to grow in Canada.
 - Demonstration that the organization has existing or planned capacity to achieve the expected results of the project.
- Provide a **detailed justification** of your proposed expenditures.

As we wrap up this presentation, here are a few reminders and considerations for you to keep in mind.

- Your application **must** include a training component principally intended for **undergraduate, graduate and/or postdoctoral trainees**.
- You must briefly describe the **responsibilities of each trainee** and indicate the percentage of time they will spend on your project.
- The reviewers will evaluate your project's opportunities for enriched learning experiences for trainees to develop **research and professional skills**. You may want to provide sufficient details to address how trainees will gain **both types** of skills through their participation in your project.
- Ensure each partner organization's contact person provides the requested information about their organization **following the Partner organization form instructions**. The contact person should pay special attention to the partner organization **profile** and address the **two specific points** NSERC requires.
- Provide a **detailed** justification of your proposed expenditures to allow reviewers to assess whether the resources requested are appropriate.

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Deadlines

Letter of intent: You must submit your letter of intent using [NSERC's online system](#) by **July 27, 2026, before 8:00 pm (ET)**.

Full application: You must submit your full application using [NSERC's online system](#) by **October 5, 2026, before 8:00 pm (ET)**.

More information
[Alliance Quantum grants – Advancing the development and adoption of quantum technologies in Canada](#)

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To conclude, please take note again of the deadlines that apply to this call for proposals.

- You must submit your letter of intent using NSERC's online system by **July 27, 2026, before 8:00 pm (ET)**.
- You must submit your full application using NSERC's online system by **October 5, 2026, before 8:00 pm (ET)**.

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Connect with NSERC

- For any questions on the call for proposals
alliance_quantumquantique@nserc-crsng.gc.ca

Connect with Alberta Innovates

- For any questions on the financial support provided by Alberta Innovates through its [CASBE program](#)
Adam.Brown@albertainnovates.ca

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For any questions you may have about this call for proposals, please contact NSERC using the Alliance Quantum grants email address, currently displayed on this slide.

For any questions you may have about the financial support provided by Alberta Innovates through its CASBE program, please contact this organization using the email address provided on this slide.