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INUIT TAPIIRIT KANATAMI



Government
of Canada

Gouvernement
du Canada

PROGRAMME GUIDE

for the

Canada-Inuit Nunangat-United Kingdom

Arctic Research Programme

2021-2025

TABLE OF CONTENTS

LEXICON	3
CHAPTER 1: CALL FOR RESEARCH PROPOSALS	6
CHAPTER 2: HOW TO APPLY	11
1. FUNDING ELIGIBILITY.....	12
1.1 RESEARCH TEAM ELGIBILITY.....	12
1.2 PROJECT ELIGIBILITY.....	12
2. APPLICATION PROCESS.....	13
3. LETTER OF INTENT	13
3.1 DOCUMENTS AND INFORMATION REQUIRED.....	13
3.2 SUBMISSION OF LOI.....	14
3.3 COMPOSITION OF RESEARCH TEAM.....	14
3.4 ASSESSMENT OF RELEVANCE TO THEME AND CROSS-CUTTING ISSUES....	15
4. FULL PROPOSALS	15
4.1 DOCUMENTS AND INFORMATION REQUIRED.....	15
4.2 SUBMISSION OF FULL PROPOSALS....	16
4.3 FULL PROPOSAL EVALUATION....	17
5. ANNOUNCEMENT OF RESULTS AND FUNDING AWARD	18
6. KEY DATES	18
7. DESCRIPTION AND NATURE OF FUNDING.....	19
8. FUNDING DURATION AND MANAGEMENT	19
8.1 FUNDING DURATION.....	19
8.2 DATE MODIFICATIONS.....	20
9. MONITORING AND REPORTING.....	20
10. ETHICS AND THE RESPONSIBLE CONDUCT OF RESEARCH	20
11. INTELLECTUAL PROPERTY	20
12. INTEGRITY OF THE EVALUATION PROCESS	21
13. EQUITY, DIVERSITY AND INCLUSION	21
14. LIABILITY	21
15. FALSE OR MISLEADING INFORMATION.....	21
16. DELAY FOR PUBLIC DISCLOSURE OF THE FINAL REPORT.....	22

LEXICON

For the purposes of this Programme Guide, the following definitions apply. In the case of a discrepancy between versions of different languages, the English version will prevail.

<i>Partner</i>	A Partner of the Canada-Inuit Nunangat-United Kingdom Arctic Research Programme (Programme), including Inuit Tapiriit Kanatami (ITK), UK Research and Innovation (UKRI), Polar Knowledge Canada (POLAR), National Research Council Canada (NRC), Parks Canada Agency (PARKS) and Fonds de recherche du Québec (FRQ).
<i>Funding Partner</i>	A Partner of the Programme who is providing financial contributions to the Programme, including UKRI, POLAR, NRC, and FRQ.
<i>Funding Holder</i>	An organization who receives and manages funding during the course of the Programme on behalf of a Principal Investigator or Co-investigator, who is affiliated with this organization. Principal Investigators and Co-investigators are physical persons, who are part of the Research Team in their personal capacity or as representative of their affiliated organization, and receive funding from the Programme, only through their affiliated organization.
<i>Programme Guide</i>	Document co-developed by the Partners, which contains information on the Call for Research Proposals, the research themes, as well as eligibility and evaluation criteria, and instructions on how to apply. The Programme Guide is intended for the research community and describes the knowledge gaps to be filled.
<i>Research Team</i>	Members of a research project who participate in conducting the research, and significantly contribute to its development. The Research Team must include two Principal Investigators (one from the United Kingdom, and one from Canada). The Research Team may also include Co-investigator(s) and Collaborator(s). Research Teams must include an Inuk, or a representative from an Inuit Land Claims Organization or their designate or an Inuit Nunangat community, as a funded member of the Research Team.
<i>Principal Investigator</i>	A Principal Investigator is a funded member of the Research Team. Principal Investigators must receive funding from at least one of the Funding Partners, through their Funding Holder. The criteria defining a Principal Investigator can be found in the Programme Guide and in the research funding terms and conditions specific to each Funding Partner. It is encouraged that the Canadian Principal Investigator be an Inuk, or a representative from an Inuit Land Claims Organization or their designate or an Inuit Nunangat community. The Canadian Principal Investigator is jointly responsible, with the United Kingdom Principal Investigator, for the scientific direction and delivery of the research project. Each Principal Investigator is responsible for the administrative and financial aspects of its own funding. The Canadian Principal Investigator will act as secretary for the purpose of the funding application and will be responsible for filling out the LOI and the Full Proposal on the FRQnet online platform on behalf of their Research Team. Principal Investigators are physical persons, who are part of the Research Team in their personal capacity or as representative of their affiliated organization.
<i>Co-investigator</i>	A Co-Investigator is a funded member of the Research Team. Co-investigators must receive funding from at least one of the Funding Partners, through their Funding Holder. The criteria defining a Co-investigator can be found in the

	<p>Programme Guide and in the research funding terms and conditions specific to each Funding Partner. If an Inuk, or a representative from an Inuit Land Claims Organization or their designate or an Inuit Nunangat community is not a Principal Investigator, one must be a Co-investigator. Co-investigators are physical persons, who are part of the Research Team in their personal capacity or as representative of their affiliated organization, and who provide a significant contribution to the development of the research project.</p>
<i>Collaborator</i>	<p>A Collaborator is not a funded member of the Research Team. Collaborators' contributions to the research project are in-kind. Collaborators cannot receive funding from a Funding Partner in the course of the Programme, however certain expenses may be eligible for reimbursement according to the specific research funding terms and conditions of each Funding Partner. The criteria defining a Collaborator can be found in the Programme Guide and in the research funding terms and conditions specific to each Funding Partner. A Collaborator brings a specific expertise to the project.</p>
<i>Letter of Intent (LOI)</i>	<p>An online application, to be completed on the FRQnet online platform, which expresses the Research Team's interest in conducting research within one of the themes identified in the Programme Guide. The purpose of the Letter of Intent is to qualify Research Teams according to the eligibility requirements of each Funding Partner, and to validate eligibility of project relevance to Inuit Nunangat and the established research themes.</p>
<i>Full Proposal</i>	<p>An online application, on invitation only, to be completed on the FRQnet online platform by the Research Teams qualified through the Letter of Intent. The Full Proposal presents in detail, the research project that the Research Teams intends to complete to meet the research themes, identified in the Programme Guide. Along with detailed information, it requires the provision of a detailed budget, as well as supporting documents, identified in the Programme Guide.</p>
<u><i>Common General Rules (CGR)</i></u>	<p>The <i>Common General Rules</i> adopted by the FRQ, and its updates which might occur in the future, will govern FRQNT's administration of the Programme and reimbursement of reviewers' expenses. Funding Holders who receive the FRQ funding supplement will also be governed by the <i>Common General Rules (CGR)</i> as the research funding terms and conditions of this Funding Partner.</p>
<i>Inuit Nunangat</i>	<p>Inuit Nunangat is the geographic scope for the Programme. Inuit Nunangat is the Inuit homeland and encompasses 51 communities across the Inuvialuit Settlement Region (Northwest Territories), Nunavut, Nunavik (Northern Québec), and Nunatsiavut (Northern Labrador). Inuit Nunangat is a distinct geographic, political, and cultural region that encompasses nearly one third of Canada's landmass, and significant offshore areas. Large portions are co-managed by Inuit and federal, provincial and territorial governments through land and resource management regimes established by five comprehensive Inuit-Crown land claims agreements (Inuvialuit Final Agreement; Nunavut Agreement; James Bay and Northern Quebec Agreement; Nunavik Inuit Land Claims Agreement; and Labrador Inuit Land Claims Agreement). Inuit Nunangat includes land, inland waters, Arctic and offshore areas, and ice-covered lands and waters.</p>
NISR	<p>The National Inuit Strategy for Research (NISR), adopted by ITK in 2018, identifies five priority areas in which coordinated action is necessary to facilitate Inuit Nunangat research that is efficacious, impactful, and meaningful to Inuit.</p>

Funding Agreement	Contractual agreement between a Funding Partner and a Funding Holder, describing the conditions for managing the award and disbursement of funding.
Relevance Committee	Committee composed of representatives nominated by the Partners who will be summoned to carry out the eligibility and relevance assessments of the LOIs.
Evaluation Committee	Committee composed of external subject experts that will be summoned to carry out the scientific evaluation of the Full Proposals.

CHAPTER 1: CALL FOR RESEARCH PROPOSALS

**under the
Canada-Inuit Nunangat-United Kingdom
Arctic Research Programme
2021-2025**

High-Level Programme Details

Inuit Tapiriit Kanatami (ITK), United Kingdom Research and Innovation (UKRI), Polar Knowledge Canada (POLAR), National Research Council of Canada (NRC), Parks Canada (PARKS), and the Fonds de Recherche du Quebec (FRQ) are proud to launch a joint Call for Research Proposals, under the Canada-Inuit Nunangat-United Kingdom Arctic Research Programme (Programme), in support of key themes connected to climate-driven changes to the terrestrial, coastal and near-shore marine environments in Inuit Nunangat, as well as impacts on Inuit and community health and well-being.

The current and future economic, social, cultural, environmental and health implications of environmental changes for Inuit communities are critical. Inuit disproportionately experience a range of challenges that negatively impact social determinants of health including food security, housing, and mental wellness. Many of these challenges will be exacerbated by rapid changes to the environment.

Projects supported by this Call will include effective representation from multiple disciplines of research, including environmental, social, cultural, health, design and engineering. It is expected that the majority of research conducted by projects will take place within Inuit Nunangat. Inuit Nunangat is the Inuit homeland in Canada, encompassing the land claims regions of Nunavut, Nunavik in Northern Quebec, Nunatsiavut in Northern Labrador and the Inuvialuit Settlement Region of the Northwest Territories. It is inclusive of land, water and ice, and describes an area encompassing 35 percent of Canada's landmass and more than 50 percent of its coastline. If any research is conducted outside of this area, it must demonstrate direct relevance to Inuit Nunangat.

All Research Teams must consist of a Principal Investigator from the United Kingdom, as well as a Principal Investigator from Canada. It is encouraged that the Canadian Principal Investigator be an Inuk, or a representative from an Inuit Land Claims Organization or their designate or an Inuit Nunangat community. If the Canadian Principal Investigator is not an Inuk, or a representative from an Inuit Land Claims Organization or their designate or an Inuit Nunangat community, an Inuit partner must be a funded Co-investigator in the project team, and involved from the outset in the co-development of the research proposal.

A Letter of Intent (LOI) will be required to assess eligibility of Research Teams and relevance to the Call. This will be followed by an invitation to submit a Full Proposal for those research teams who meet the eligibility and relevance requirements. Both the LOI and Full Proposal shall be submitted via the FRQ online platform, [FRQnet - Portfolio \(gouv.qc.ca\)](https://frqnet.gouv.qc.ca).

Details can be found in the Programme Guide, available in the Toolbox on the FRQ Programme web page (<https://frq.gouv.qc.ca/en/program/canada-inuit-nunangat-united-kingdom-arctic-research-programme>). Additional information on the specific eligibility requirements from each Funding Partner, as well as the terms and conditions for these partners, can be found on the Funding Partners' respective web pages (see Key Resources section below). Funded projects may be eligible for in-kind research support, offered by PARKS, NRC and POLAR. The nature of in-kind contributions may include accommodations, access to facilities, sites, equipment, technician support, staff support, etc. Full Proposals must make mention of the intent to solicit in-kind support.

Call for Research Proposals Themes

To be eligible, projects must address **one of two** themes presented below. Applicants are strongly encouraged to consult with the relevant funding organizations to ensure alignment within the themes.

Theme 1 – Arctic Ecosystems and their Impact on Inuit Communities

(funding provided by UKRI, POLAR; and FRQ, if applicable)

This theme must explore research related to understanding dynamic Arctic ecosystems in the context of rapid change and the impact of these changes on Inuit health and well-being. This includes terrestrial and freshwater ecosystems and cryosphere (sea, freshwater or glacial ice, snow, permafrost) research at local, regional and pan-Arctic scales for better models and predictions; the impacts of changing marine and terrestrial environments on local ecosystems and the vitality and well-being of Inuit Nunangat communities and Inuit. Examples of research conducted under this theme could include, but are **not limited to**:

- collecting baseline information on terrestrial, freshwater and marine ecosystems, including abiotic elements such as the cryosphere;

- monitoring and integrated modelling of terrestrial, freshwater and marine ecosystem changes where baselines have been established, and the consequences of the potential impacts for Inuit communities;
- identifying emerging risks and opportunities from environmental change and the potential impacts to Inuit and Inuit communities to develop timely and effective responses;
- changing ecosystems and the impact on the Arctic's natural and cultural heritage and challenges and opportunities for conservation of this unique environment;
- changing diversity and accessibility of marine and terrestrial species populations and the challenges and opportunities this presents for food security and quality, and economic diversification;
- climate change influences on Inuit cultural and harvesting activities to improve understanding of associated health outcomes, and allow evidence-based climate adaptation policy-making;
- understanding and projecting climate change induced needs and gaps in the food systems Inuit depend on, including Inuit and market food security;
- knowledge of diseases in northern wildlife, including impacts on country foods and food security;
- effects of pollution and human activities on the local environment (e.g. air quality, water quality, country foods, etc.) and on community and Inuit health and well-being;
- understanding implications of environmental change on national and international laws and security;
- influences of climate change on the social determinants of Inuit health;
- identifying gaps in legislation and policy that contribute to systemic challenges in the areas of health and wellness in the region, and how these might be exacerbated by environmental change;
- issues of mobility for Inuit Nunangat communities, including the drivers for increased or decreased movement of people in the Arctic through changing climate and ecosystems, and the interactions and links with other factors such as forced migration/displacement, local heritage and cultural values, and political and economic drivers.

Theme 2 – Mitigations and Adaptations for Resilience

(funding provided by UKRI, NRC; and FRQ, if applicable)

This theme must explore research related to innovative, practical and ethical mitigation and adaptation tools and technological solutions derived from understanding the impacts of environmental change on housing, health, food and water. Profound infrastructure gaps exist between Inuit Nunangat and the rest of Canada, and existing infrastructure in Inuit Nunangat is increasingly vulnerable to climate change related issues. Examples of research conducted under this theme could include, but are **not limited to**:

- technologies for response to changing ground conditions' effects on community infrastructure, such as permafrost thaw and coastal erosion;
- adaptations for seasonal road systems due to fluctuating environmental conditions and the impact on community access to country foods, health infrastructure and supplies;
- the associated impacts and opportunities of marine transportation upon housing stock, food security and safety, both environmental and personal;
- innovative food, water and waste systems in response to changing environmental conditions for remote communities;
- house-scale renewable energy systems and storage;
- new technologies supporting energy efficiency retrofits in social housing;
- technical innovations, including telehealth services, to support community and Inuit physical and mental health and well-being services, as related to the impacts of climate change;
- resilient technologies for healthy, innovative, adaptive and culturally appropriate housing that address the effects of household crowding on housing performance, as related to the impacts of climate change;

- implications of environmental change on current and future availability and access to clean drinking water in Inuit communities;
- technologies for sustainable development, supporting community priorities
- technologies that enable interjurisdictional learning and education on sustainable energy options.

Proposals must also address at least **two of the three** cross-cutting issues below:

- **Economics of Arctic change:** for example, from local level (subsistence economies, local livelihoods and trading relationships) to new industries, including circular economies, development of new fishing grounds and new logistical hubs, international trade, including global legislation and governance, and tariffs of shipping routes, tourism, and the socio-economic impact of climate change.
- **Resilience and sustainability:** for example, of communities, infrastructure and industry, and the environment to the changing Arctic; understanding the key determinants and solutions (social, cultural, ethical, economic, geographical, political, infrastructure-related) of Inuit community resilience to rapid Arctic climate change and/or increases in risk of shocks.
- **Inuit community health and well-being:** for example, the interrelated and interdependent nature of community health and well-being and changes to the natural environment; creating Inuit-specific, culturally relevant, and gender specific health and well-being indicators that incorporate climate vulnerabilities, and monitoring them to document climate change influences on Inuit health.

Available Funding

The available funding for this Call is approximately CAD 6,900,000 from the Canadian Funding Partners and £7,630,000 from the United Kingdom Funding Partner.

For Canadian applicants, the maximum amount of funding per project is CAD 150,000 per year. Québec applicants may be eligible for a yearly supplement of CAD 50,000 from FRQ to support the participation of researchers from the province of Québec. The total request for funding for each project cannot exceed CAD 600,000 for the 3 year period.

For United Kingdom applicants, total request for funding for each project cannot exceed £545,000 (at 80% Full Economic Cost), for the 3 year period.

Key Dates

The deadline to submit the Letter of Intent is August 4th 2021, 4pm EDT (9pm BST)

The deadline to submit the Full Proposal is November 10th 2021, 4pm EST (9pm GMT)

Key Resources

To apply under **Theme 1**, make sure to read the Programme Guide, and all other eligibility requirements from the Funding Partners' websites -

- For United Kingdom applicants - UKRI's Terms & Conditions: [Research Grants Handbook \(ukri.org\)](https://www.ukri.org/research-grants-handbook/)
- For Canadian applicants - POLAR's Terms & Conditions: <https://www.canada.ca/en/polar-knowledge/fundingforresearchers/grants-and-contributions-to-support-the-advancement-of-northern-science-and-technology.html>
- Additionally, for Québec applicants - FRQ's Terms & Conditions: https://frq.gouv.qc.ca/app/uploads/2021/05/rqc_2020_va.pdf

To apply under **Theme 2**, make sure to read the Programme Guide, and all other eligibility requirements from the Funding Partners' websites -

- For United Kingdom applicants - UKRI's Terms & Conditions: [Research Grants Handbook \(ukri.org\)](https://www.ukri.org/research-grants-handbook/)
- For Canadian applicants - NRC's Terms & Conditions:
[English: https://nrc.canada.ca/en/call-research-proposals-under-canada-inuit-nunangat-uk-arctic-research-programme](https://nrc.canada.ca/en/call-research-proposals-under-canada-inuit-nunangat-uk-arctic-research-programme)
[French: https://nrc.canada.ca/fr/appel-propositions-recherche-cadre-programme-recherche-larctique-canada-inuit-nunangat-royaume-uni](https://nrc.canada.ca/fr/appel-propositions-recherche-cadre-programme-recherche-larctique-canada-inuit-nunangat-royaume-uni)
- Additionally, for Québec applicants - FRQ's Terms & Conditions: https://frq.gouv.qc.ca/app/uploads/2021/05/rgc_2020_va.pdf

To inquire or apply for **in-kind support**, please directly contact the funding agency from whom you are seeking in-kind support:

- POLAR: CHARS Campus, researchsupport-soutienalarecherche@polar-polaire.gc.ca
- NRC: Anne Barker, anne.barker@nrc-cnrc.gc.ca
- PARKS: <https://gccollab.ca/pages/view/3994535/enresearch-in-parks-canadas-arctic-sitesflla-recherche-dans-les-sites-arctiques-du-parcs-canada>

Contact Information

For all general questions about the Call process, please contact FRQ. Questions will be anonymized and publically shared on the FRQ web page in the Frequently Asked Questions (FAQ) section.

Fonds de Recherche du Quebec (FRQ), www.frq.gouv.qc.ca

Natalie Noël, arctic@frq.gouv.qc.ca

For details about applicable research within each theme, or questions related to the eligibility requirements of the individual Funding Partners, or their specific terms and conditions, please contact the appointed resources below. Questions will be anonymized and publically shared on the FRQ web page in the Frequently Asked Questions (FAQ) section.

Inuit Tapiriit Kanatami (ITK), www.itk.ca

Conor Mallory, mallory@itk.ca

United Kingdom Research and Innovation (UKRI), www.ukri.org

Jessica Surma, jessica.surma@nerc.ukri.org

Polar Knowledge Canada (POLAR), www.canada.ca/en/polar-knowledge.html
grants-contributions@polar-polaire.gc.ca

National Research Council of Canada (NRC), <https://nrc.canada.ca/en>

Questions about applicable research: Anne Barker, anne.barker@nrc-cnrc.gc.ca

Questions about eligibility or specific terms & conditions: Elena Di Francesco, Elena.DiFrancesco@cnrc-nrc.gc.ca

Parks Canada (PARKS), <https://www.pc.gc.ca/en>

Stephen McCanny, stephen.mccanny@canada.ca

CHAPTER 2: HOW TO APPLY

to the

Canada-Inuit Nunangat-United Kingdom

Arctic Research Programme

2021-2025

Please consult the *Call for Research Proposals* in Chapter 1 of this Programme Guide for supplemental details and examples given under the themes and cross-cutting issues.

Project relevance to Inuit Nunangat, the themes and cross-cutting issues will be determined on the basis of the submitted information and documents, and assessed by a Relevance Committee.

2. APPLICATION PROCESS

The application process comprises two stages. The first stage requires the online submission of a Letter of Intent (LOI), which will serve to assess eligibility of Research Team composition and project relevance. The LOI will be completed and submitted by the Canadian Principal Investigator, on behalf of the Research Team, via the FRQnet online platform ([FRQnet - Portfolio \(gouv.qc.ca\)](https://frqnet.gouv.qc.ca)). The Canadian Principal Investigator must first register on the FRQnet online platform by creating an account. The LOI online form will be available in the Canadian Principal Investigator's electronic portfolio, after registration. The form is found in the FRQNT section, under the "Available competitions" side menu (see the help document *How to create an FRQnet account and access forms* in the FRQ Toolbox, on the FRQ Programme web page, <https://frq.gouv.qc.ca/en/program/canada-inuit-nunangat-united-kingdom-arctic-research-programme>). The Canadian Principal Investigator must fill-out the LOI form and attach all documents required for all members of the Research Team. The eligibility of the LOI will be based on the information and documents submitted on the FRQnet online platform.

LOI's that have been assessed positively for eligibility of Research Team composition and project relevance, shall be invited to submit a Full Proposal in stage two. The second stage requires the online submission of a Full Proposal that will be assessed according to the evaluation criteria presented in section 4.3 *Full Proposal Evaluation* of this Programme Guide. The Full Proposal online form will be available in the Canadian Principal Investigator's FRQnet electronic portfolio, after invitation. The Canadian Principal Investigator must fill-out the Full Proposal form and attach all documents required for all members of the Research Team. The evaluation of the Full Proposal will be based on the information and documents submitted on the FRQnet online platform.

3. LETTER OF INTENT

3.1 DOCUMENTS AND INFORMATION REQUIRED

The LOI form will require the provision of the following information:

- A summary description of the research project, to be uploaded directly in the LOI form. The project description must be a maximum of two (2) pages, and the references must be a maximum of one (1) page, for a total of 3 pages maximum (8"1/2 x 11").
- A budget estimation, to be uploaded directly in the LOI form. Separate budget templates are provided for United Kingdom Research Teams, and for Canadian Research Teams, and can be found in the FRQ Toolbox, on the FRQ Programme web page. Budgets submitted must use these templates.
- An abridged Curriculum Vitae (CV) for the Canadian and United Kingdom Principal Investigators and any Co-investigator(s), to be uploaded directly in the LOI form. The CV's must be a maximum of two (2) pages (8"1/2 x 11"). The abridged CV must clearly indicate the individual's current affiliated organization and their status within that organization.
- A list of Collaborators that have a meaningful connection to the project. Collaborators bring specific expertise to the project, but do not receive funding from the Funding Partners.

- Written consent from each of the members of the Research Team must be obtained, and uploaded directly in the LOI form. A consent-email template is provided and can be found in the FRQ Toolbox, on the FRQ Programme web page.
- All documents must be uploaded to the FRQnet platform in pdf format. If an upload instruction on the platform mentions “single-file upload”, this means that multiple documents must be merged into a single pdf file for upload.
- The Canadian Principal Investigator may download a copy of the LOI form and its contents, in pdf format, and save it for future reference, or for distribution to the members of the Research Team.

3.2 SUBMISSION OF LOI

As the administrator of the Canada-Inuit Nunangat-United Kingdom Arctic Research Programme, FRQNT will receive LOI submissions from Research Teams through the FRQnet online platform. The LOI form and uploaded documents can be modified at any time prior to the deadline. However, it will not be possible to update the LOI or documents after the submission deadline. The platform will not accept any submissions past the set deadline. After the deadline, FRQNT will validate that the submissions are complete with respect to the requirements set out in the Programme Guide. Incomplete submissions or submissions that do not meet the requirements will not proceed to further assessment. Missing information or documents will not be requested by FRQNT, and those received after the submission deadline will not be considered. Any additional documents submitted that are not required will be removed from the LOI before assessment.

3.3 COMPOSITION OF RESEARCH TEAM

The eligibility of the LOI is first assessed on the composition of Research Teams. The criteria defining Principal Investigators, Co-investigators and Collaborators are found in the research funding terms and conditions specific to each Funding Partner (see Key Resources, Chapter 1).

- Each Research Team must be composed of two (2) Principal investigators; one (1) from Canada, eligible to receive funding from at least one of the Canadian Funding Partners (NRC, POLAR, FRQ); and one (1) from the United Kingdom, eligible to receive funding from UKRI.
- The Research Team may also include Co-investigators and Collaborators.
- It is mandatory that Research Teams include an Inuk, or a representative from an Inuit Land Claims Organization or their designate or an Inuit Nunangat community, as a funded member of the Research Team. If the Canadian Principal Investigator is not an Inuk, or a representative from an Inuit Land Claims Organization or their designate or an Inuit Nunangat community, an Inuit partner must be a funded Co-investigator in the project team, and involved from the outset in the co-development of the research proposal.
- Individuals identified as Principal Investigators can submit a maximum of one (1) project to this call as a Principal Investigator, and be part of a maximum of one other project as a Co-investigator or a Collaborator.
- Individuals who are not Principal Investigators can be part of a maximum of two (2) projects to this call as a Co-investigator or as a Collaborator.
- Research team members who are Inuk, or a representative from an Inuit Land Claims Organization or their designate or an Inuit Nunangat community are not subject to maximum participation limits.
- If the eligibility of the Research Team composition is unanimously validated between all Funding Partners in a given theme, then the LOI will be submitted to the Relevance Committee for further assessment.

3.4 ASSESSMENT OF RELEVANCE TO THEME AND CROSS-CUTTING ISSUES

The eligibility of the LOI is secondly assessed on the relevance to the themes and cross-cutting issues presented in the Call for Research Proposals (see Themes, Chapter 1). The Relevance Committee will evaluate the relevance of submitted projects by theme. In the case of a LOI in which the theme was incorrectly identified, the LOI may be transferred to the other theme for further assessment, if the error on theme is evident. LOI's that have been assessed positively for overall eligibility shall be invited to submit a Full Proposal. FRQNT will send an announcement of results email to both Principal Investigators of the Research Team. Research Teams that have submitted an ineligible LOI will receive a brief summary of the reasons for their rejection. Decisions regarding the eligibility of LOI's are final and cannot be appealed.

4. FULL PROPOSALS

4.1 DOCUMENTS AND INFORMATION REQUIRED

The Full Proposal form will require the provision of the following information:

- A detailed description of the research project, to be uploaded directly in the Full Proposal form. The project description must be a maximum of ten (10) pages (8"1/2 x 11"), and the references must be a maximum of two (2) pages, for a total of twelve (12) pages maximum.
- A detailed budget, to be uploaded directly in the Full Proposal form. Separate budget templates are provided for United Kingdom Research Teams, and for Canadian Research Teams, and can be found in the FRQ Toolbox, on the FRQ Programme web page. Budgets submitted must use these templates. Please allocate sufficient funds for an annual in-person (if conditions allow) Programme collaboration meeting in either Canada or the United Kingdom, for attendance by (at least) the two Principal Investigators.
- A full CV for the Canadian and United Kingdom Principal Investigators and any Co-investigator(s), to be uploaded directly in the Full Proposal form. The full CVs must clearly indicate the individual's current affiliated organization and their status within that organization.
- A detailed list of the in-kind contribution, if applicable, that will be requested by the Research Team, the period for which the in-kind contribution is required, and to which Partner these requests will be made.
- A Collaboration Plan, describing how all Research Team members agree to manage the data used, collected or generated by the funded research projects, as well as ownership of data and intellectual property arising from the project, ethical principles to be adhered to, and research licensing (if applicable). Research Teams should abide by principles supporting Inuit self-determination, and adopt ethical conduct of research, demonstrating mobilization of, and alignment with, the National Inuit Strategy on Research (NISR). The Collaboration Plan should be a maximum of two (2) pages (8"1/2 x 11"), and include information on the strategies and specific actions that will be taken to ensure that ethical review, data management and intellectual property management have been discussed early on between the Research Team members. The intent of the Collaboration Plan is to create awareness and open discussion within the Research Team early on, with the perspective of long-term relationship building.

More specifically, the Collaboration Plan should include the following details:

- *Intellectual Property Management*: a strategy on how the Research Team will collaborate and effectively manage ownership, access and control over data and information, as well as dissemination of all data used, collected or generated by the funded research projects. This should include information outlining ownership and use of intellectual property arising from the project, agreed upon by all members of the Research Team. It is the expectation that Funding Holders and Research Teams will meaningfully partner with Inuit in order to seek consent and guidance about

the political and social context of research and the potential impacts of sharing or publishing results in order to advance the National Inuit Strategy on Research.

- *Data Management*: information about how the project will manage the data produced. It must identify the datasets that the research will produce and which will be of potential long term value, and identify which data repository or data Centre (ex: NERC Environmental Data Centre, UKDS or other appropriate data Centre) will manage data, as well as access to data, making it available for use after the end of the research projects. Principles of open-access to data, and those identified in the National Inuit Strategy on Research should be respected.
- *Research Ethics Management*: details on the ethical principles and processes to be followed and expected mobilization required for the integration of ethical thought at all stages of the research process. This includes information on the identification of situations, persons or subjects involved in the research that must undergo an ethics review and validation by a Research Ethics Board (REB). Indication should be provided as to which REB will be involved and a timeline for the ethics approval process, if applicable.
- *Permits and licenses*: Research Teams should briefly list the permitting and licensing requirements for their proposed project to indicate their awareness of local and regional regulatory requirements.
- Written consent from the United Kingdom Principal Investigator and any project Co-investigators must be obtained, and uploaded directly in the Full Proposal form. A consent email template is provided and can be found in the FRQ Toolbox, on the FRQ Programme web page.
- All documents must be uploaded to the FRQnet platform in pdf format. If an upload instruction on the platform mentions “single-file upload”, this means that multiple documents must be merged into a single pdf file for upload.
- The Canadian Principal Investigator may download a copy of the Full Proposal form and its contents, in pdf format, and save it for future reference, and for distribution to the members of the Research Team.

4.2 SUBMISSION OF FULL PROPOSALS

As the administrator of the Canada-Inuit Nunangat-United Kingdom Arctic Research Programme, FRQNT will receive Full Proposal submissions from Research Teams through the FRQnet online platform. The Full Proposal form and uploaded documents can be modified at any time prior to the deadline. However, it will not be possible to update the Full Proposal or documents after the submission deadline. The platform will not accept any submissions past the set deadline. After the deadline, FRQNT will validate that the submissions are complete with respect to the requirements set out in the Programme Guide. Incomplete submissions or submissions that do not meet the requirements will not proceed to further assessment. Missing information or documents will not be requested by FRQNT, and those received after the submission deadline will not be considered. Any additional documents submitted that are not required will be removed from the Full Proposal before assessment.

- The Full Proposal must be consistent with the information provided in the LOI. Major changes, from the LOI to the Full Proposal, could render the Research Team and project ineligible. No changes to themes will be accepted at this stage, as Full Proposals are by invitation. No major change that would impact the eligibility of Research Team composition or relevance of the project can be made between the acceptance of the LOI and submission of the Full Proposal.
- Any changes to Project Investigators and/or Co-investigators, from the LOI to the Full Proposal, will require the submission of a notice of modification to FRQNT; Partners will review changes to ensure that eligibility of the Research Team is maintained.

- Any changes to the project description and/or scope of the project, from the LOI to the Full Proposal, will require the submission of a notice of modification to FRQNT; Partners will review changes to ensure that eligibility of the project relevance is maintained.
- It is the Research Team's responsibility to verify that the changes made to the project remain aligned with the chosen theme before submitting a Full Proposal, as inadmissible changes could render the Research Teams and projects ineligible.
- Decisions regarding the eligibility of Full Proposals are final and cannot be appealed.

4.3 FULL PROPOSAL EVALUATION

An Evaluation Committee shall assess the scientific and overall quality of Full Proposals based on the criteria in the Programme Guide. The Evaluation Committee will be formed of subject-matter experts, who are members of the scientific community, and Inuit, or representatives from an Inuit Land Claims Organization or their designate or an Inuit Nunangat community.

Full Proposal Evaluation criteria (100 points total):

Research quality (56 points):
<ul style="list-style-type: none"> • Demonstrates mobilization of, and alignment with, the National Inuit Strategy on Research
<ul style="list-style-type: none"> • Demonstrates coherence and clarity of the overall vision and objectives of the project in alignment with Theme 1 or Theme 2 of the funding opportunity
<ul style="list-style-type: none"> • Current research methodologies that are feasible according to the timelines and objectives of the funding opportunity, and are responsible and appropriate for use in Inuit Nunangat
<ul style="list-style-type: none"> • Demonstrates originality, innovation, with potentially transformative concepts, lines of inquiry, and advancement of knowledge, including through support of Inuit self-determination in research
<ul style="list-style-type: none"> • Significance of the expected impact of the research on the field of study, and influence on the direction of thought and activity in the field
<ul style="list-style-type: none"> • Meaningful integration within the research proposal of the cross-cutting issues identified in the funding opportunity
<ul style="list-style-type: none"> • Demonstrated efforts to create diverse, inclusive and equitable research
Team composition (16 points):
<ul style="list-style-type: none"> • Appropriate expertise, diversity and inclusiveness of the Research Team members for the proposed research, including a satisfactory history of producing quality work in a responsible manner
<ul style="list-style-type: none"> • Demonstrated or potential for good working relationships with the relevant Inuit Nunangat communities
<ul style="list-style-type: none"> • Equitable and meaningful role in leadership, co-development, execution of the research for Inuit partners and team members
<ul style="list-style-type: none"> • Strength of integration between United Kingdom, Canadian, and Inuit members of the Research Team and potential for an ethical and impactful partnership
Impacts (16 points):
<ul style="list-style-type: none"> • Appropriate plans for dissemination and visibility of research results and deliverables, within relevant communities, Inuit Land Claims Organizations or their designate organizations, and across Inuit Nunangat, Canada, and the United Kingdom. This includes plans for

communication and engagement with relevant communities during the project and for communication of results with communities when research is completed
<ul style="list-style-type: none"> • The Collaboration Plan, including ethical, data, and intellectual property management strategies is consistent with the National Inuit Strategy on Research
<ul style="list-style-type: none"> • Potential impacts and benefits of the proposed research activities to Inuit and Inuit communities (local environment, economy, well-being of the community, etc.)
<ul style="list-style-type: none"> • Potential to create and sustain partnerships among the Research Team members beyond the term of this funding opportunity
Capacity-building and training (12 points):
<ul style="list-style-type: none"> • Suitable plan for capacity building and training of Inuit and community members
<ul style="list-style-type: none"> • Suitable plan for capacity building and training of students and specialists
<ul style="list-style-type: none"> • Potential for the project to contribute to community empowerment and to generate long-term capacity building benefits

A minimum of 50% of allocated points must be achieved in each of the four categories, in order for a project to be considered for funding. In addition, the overall summation of points must be greater than or equal to 70% for a project to be considered for funding. The recommendations made by the Evaluation Committee will allow Full Proposals to be ranked, in order of merit. Distribution of funding will be based on fairness and transparency in the allocation of funding between the two themes, following a balanced portfolio approach.

Decisions regarding the award of funding are final and cannot be appealed.

5. ANNOUNCEMENT OF RESULTS AND FUNDING AWARD

FRQNT will send an announcement of results email to both Principal Investigators, inviting them to view the Full Proposal results, which will be made available on the FRQnet online platform. The list of grant recipients will be published on the FRQ Programme website. Once the results are announced by FRQNT, each Funding Partner shall send its formal Funding Award letters to the Principal Investigators (and Co-Investigators, where applicable) of successful Research Teams. Funding is conditional on the signing of a Funding Agreement between the Funding Partner and the Funding Holder. Funding Partners shall disburse funds to successful Funding Holders in accordance with the Funding Partner's funding terms and conditions associated with the award.

6. KEY DATES

The LOI and Full Proposal, along with supporting documents, must be submitted before the dates indicated below:

- LOI submission deadline: August 4th, 2021, 4pm EDT (9pm BST)
- Full Proposal submission deadline: November 10th, 2021, 4pm EST (9pm GMT)
- Announcement of final results: February 2022
- Earliest funding start: April 1st, 2022

7. DESCRIPTION AND NATURE OF FUNDING

Each Funding Partner will fund selected projects within their respective research themes, according to their funding capacities, and following their specific research funding terms and conditions (see Key Resources, Chapter 1).

The Funding Partners' maximum commitments, for the three year Programme duration, are listed below:

	Total Max/Project	Annual Max/Project
UK	£ 545 000	£ 181 667
UKRI	£ 545 000	£ 181 667
CAN	CAN \$ 600 000	CAN \$ 200 000
NRC	CAN \$ 450 000	CAN \$ 150 000
POLAR	CAN \$ 450 000	CAN \$ 150 000
FRQ	CAN \$ 150 000	CAN \$ 50 000

Research projects selected to receive funding from Canadian Funding Partners will be awarded funding from POLAR or NRC, depending on the theme applied to. FRQ's funding is meant to be a supplement to an award provided through the Programme, and cannot be awarded as stand-alone funding. A Canadian Funding Holder can thus accumulate funding from FRQ and NRC, or from FRQ and POLAR. Such cumulative funding is compatible with the Programme.

As a collaborative project, it is expected that research efforts and costs be shared, in a fair and justified distribution, between the funded Research Team members.

In-kind contributions are offered by PARKS, NRC and POLAR. Priority for in-kind support depends on project alignment with the Partners' research needs, as well as early contact with the partners' local research coordinators, since availability will be on a first-come first-served basis. It is not mandatory for project proposals to make use of in-kind support.

The nature of in-kind contributions may include accommodation, access to facilities, sites, equipment, technician support, and staff support, as shown by the examples below:

- POLAR could provide accommodation and access to on-site labs, facilities, field equipment and technicians support at the Canadian High Arctic Research Station (CHARS);
- PARKS could provide access to and, where relevant, accommodation at research sites across Canada's Arctic, as well as access to support staff on a prioritized basis;
- NRC requires that an NRC Collaborator be part of a Research Team funded under Theme 2. The participation of this NRC Collaborator is considered an in-kind contribution. NRC may provide additional research staff, access to research facilities, relevant pilot scale test sites and other types of assistance, if deemed applicable to the project.

8. FUNDING DURATION AND MANAGEMENT

8.1 FUNDING DURATION

The maximum duration of funding permitted under the Programme is three years. Project start dates must be communicated to the FRQNT's programme manager for coordination purposes. This date corresponds to

when the first member of Research Team starts spending funding. The project start date must be between April 1st, 2022 and May 6th, 2022. The project end date will be set in the Funding Agreement between the Funding Partner and Funding Holder.

8.2 DATE MODIFICATIONS

Date modifications and requests for extensions should be addressed to the relevant Funding Partner, who will in turn consult with the other Funding Partners for the project, before making a decision. Funding Partners will instruct Funding Holders on administrative procedures to follow, where extensions are permitted. No cost extensions, to cover certain situations such as parental leave, are generally permitted, but are ultimately subject to the funding terms and conditions set by the Funding Partner.

9. MONITORING AND REPORTING

Each Funding Partner has their own requirements for the scientific and financial monitoring and reporting of funded projects. These requirements will be specified in the terms and conditions specific to the award, and included in the Funding Agreement between the Funding Partner and the Funding Holder. Funding Holders who receive funding from more than one Funding Partner will be bound by the scientific and financial monitoring and reporting requirements of those Funding Partners. If requested, Funding Partners must share their reports with the other Funding Partners on the same Research Team. In case of conflict between the requirements of Funding Partners' terms and conditions, all efforts will be made to work out the issue in a reasonable manner.

An annual, in-person (if conditions allow) Programme collaboration meeting in either Canada or the United Kingdom, with attendance by at least the two Principal Investigators, will be scheduled. The Principal Investigators will provide an annual, joint progress report, summarizing the overall progress and achievements of each funded project.

10. ETHICS AND THE RESPONSIBLE CONDUCT OF RESEARCH

Any individual or organization that receives funding must demonstrate the highest standards of research ethics and scientific integrity. This includes a declaration by the Canadian Principal Investigator, on behalf of the Research Team and their affiliated organizations, that there are no real or apparent conflicts of interest that could influence the application and evaluation processes. This also includes the commitment to comply with any other ethics and integrity rules that may be applicable given the location where the research will be conducted, including those specific to research within Inuit Nunangat, or provided by specific Inuit communities or regions. Research Teams commit to follow and mobilize the National Inuit Strategy on Research (NISR).

Each Research Team member must respect the ethical rules and responsible conduct of research policies of their Funding Partners. In the case where two or more ethical rules apply, due to cumulative funding from the Funding Partners, all efforts will be made to work out the issue in a reasonable manner.

11. INTELLECTUAL PROPERTY

The Research Team and Funding Holders must abide by principles supporting Inuit self-determination, and adopt ethical conduct of research, demonstrating mobilization of, and alignment with, the National Inuit Strategy on Research with respect to Inuit ownership, access and control over data and information. Following the principles of open-access to research, the Research Teams and Funding Holders must at least be able to use the knowledge acquired for research and teaching purposes. The Research Team and Funding Holders also agree to ensure, via Funding Agreements, research funding terms and conditions or otherwise, that any

peer-reviewed publication that presents the results of the research funded by this Programme be made available in open access no later than 12 months after it is published. Moreover, it is agreed that this Programme will not fund research whose results must remain secret: research funded under the Programme cannot be subject to a confidentiality agreement that would preclude the dissemination of the results.

12. INTEGRITY OF THE EVALUATION PROCESS

At no time may a Research Team member or their institutional authorities make contact with Evaluation Committee members. Similarly, Evaluation Committee members must not make contact with the teams in competition. At no time may a Research Team member and Evaluation Committee members discuss or comment on the selection process currently underway. The identities of Evaluation Committee members are kept confidential to avoid any attempt at collusion.

The Funding Partners reserve the right to bar a Research Team from applying for funding if there is any inappropriate intervention, lobby, undue influence or collusion during the evaluation process. See FRQ's *Policy for the Responsible Conduct of Research* for more details.

Every person recruited to participate on the Evaluation Committee must comply with standard confidentiality rules regarding the submitted forms, the committee membership, the deliberations and the recommendations. The Evaluation Committee chairperson, members, external experts and any observers are required to disclose any conflicts of interest. They must sign a written statement concerning confidentiality and the conflict of interest.

13. EQUITY, DIVERSITY AND INCLUSION

The Funding Partners wish to contribute to supporting a research ecosystem based on equity, diversity and inclusion. The following measure has been put in place to strengthen the integration of these principles:

To mitigate the influence of unconscious bias in the scientific assessment process, individuals taking part in the scientific evaluation process will be encouraged to take a short online training course. In the interest of avoiding duplication for the scientific community, we have chosen to use the *Bias in Peer Review* unconscious bias training module available on the Canada Research Chairs website (chairs-chaire.gc.ca).

While this training course is not mandatory, we hope that a critical mass of reviewers will choose to take it to help enhance the fairness of the assessment process. Please note that all FRQ staff responsible for coordinating the Evaluation Committee are required to complete the online training module as well as additional training.

14. LIABILITY

The Funding Partners make all reasonable efforts to ensure optimal service. However, they cannot be held liable for any direct or indirect damage resulting from their handling of applications for funding. Furthermore, without limiting the generality of the foregoing, the FRQ are not liable for any direct or indirect damage resulting from the disclosure of personal or confidential information that was not authorized by the FRQ.

15. FALSE OR MISLEADING INFORMATION

FRQ cannot be held responsible for decisions or damages resulting from false or misleading information provided by Research Teams, Funding Holders or reviewers, in any required form or other documents. The Funding Partners presume the good faith of the information provided in funding applications or in any other

document submitted at any time during the funding process, from the initial LOI to the last report. Research Teams, and Funding Holders must be transparent and provide accurate and precise information. They must be conscientious about advising the Funding Partners of any changes in their situation, where applicable.

False or misleading information constitutes a breach of responsible research conduct, as set forth in the *Policy for the Responsible Conduct of Research* and may be subject to sanctions in accordance with this policy.

The Partners reserve the right to take immediate measures to stop the use of their public funds obtained through false or misleading information, and to take legal action to recover fraudulently obtained funds and claim compensation for damages caused where appropriate.

16. DELAY FOR PUBLIC DISCLOSURE OF THE FINAL REPORT

In the event that the Partners require a delay for the disclosure of scientific reports or status reports by the Funding Holder and Research Teams, the Partners shall agree with the Funding Holder on the time limit to be respected before disclosing these documents. Normally, the delay should not exceed one month following administrative validation by FRQNT and the transmission of the document to the Partners, as applicable. However, this period may exceptionally be longer for reasons deemed reasonable. In such cases, the deadline shall be discussed by the Partners, Funding Holder and Research Team.

Canada-Inuit Nunangat-United Kingdom Arctic Research Programme Partners



Polar Knowledge
Canada

Savoir polaire
Canada



UK Research
and Innovation

Canada

National Research
Council Canada

Conseil national de
recherches Canada



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INUIT TAPIIRIT KANATAMI



Parks
Canada

Parcs
Canada

Québec

Fonds de recherche – Nature et technologies
Fonds de recherche – Santé
Fonds de recherche – Société et culture