ECT-PEI: *Clean Technology Challenge*

PROPOSAL SUBMISSION TEMPLATE

Please see NOTES and PROPOSAL REQUIREMENTS at the end of this template. Refer to the APPLICANT GUIDE for more details.

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| **PROJECT TITLE** |  |
| **PRIORITY RESEARCH THEME**  | Choose an item. |
| **CONTRACT INFORMATION** |
| **Lead Researcher Name****(aka Lead Applicant, Proponent):** |  |
| **Lead Researcher Institution or Company:** |  |
| **Lead Researcher Institution or Company Address:** |  |
| **Lead Researcher Phone Number:** |  |
| **Lead Researcher Email:** |  |
| **PEI Business Registration Status** | Choose an item. |
| **PROJECT PARTNERS**  |
| **Name**  | **Institution**  |
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| **1. PROJECT OVERVIEW:** max 300 words, non-confidential.Please provide an overview of the proposed research in non-technical terms. Please include the project objective(s)and expected primary outcome(s).  |
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| **2. PROJECT RESEARCH OBJECTIVES** First, please describe how the project aligns with the objectives of the Clean Technology Challenge, refer to Applicant Guide.Second, please describe the research objective(s), i.e., what the research is intended to accomplish.Third, please indicate the anticipated TRL at the start and end of the project.  |
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| **3. PRIORITY RESEARCH THEMES** Please describe the research problem or challenge i.e., how the project will address knowledge gaps to reduce GHGs in PEI in one of the Priority Research Themes (App. 1 in the Applicant Guide). In addition, please describe how addressing the knowledge gap will result in economic benefits to PEI and expanded globally. Lastly, the applicant should outline the residual benefits of this project for the residents of PEI.  |
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| **4.** **WORK SCOPE** Please describe the tasks that will be undertaken, the anticipated time per task (start date/end date),and the deliverables to NZA (interim/final presentations, reports, etc.) This section will be used in the contract with successful Applicants so Applicants must use a structured approach that lists, for example, tasks or work packages. Recipients should plan their work to have a minimum of two (2) interim deliverables. It is recommended to keep the following financial disbursement and deliverable requirements in mind when planning work breakdown. * Milestone 1 payment will be contract signing.
* Milestone 2 payment will be associated with an interim report and presentation.
* Milestone 3 payment will be associated with an interim report and presentation.
* Milestone 4 payment will be the final project report and presentation.

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| **WORK PACKAGE # (WP#)** | *WP# Title*  |  |
| *Start Date* |  |
| *End Date*  |  |
| *Scope Description* |  |
| *Outcome(s)* |  |
| *Deliverable(s)* |  |
| **WORK PACKAGE # (WP#)** | *WP# Title*  |  |
| *Start Date* |  |
| *End Date*  |  |
| *WP Scope Description* |  |
| *Outcome(s)* |  |
| *Deliverable(s)* |  |
| **WORK PACKAGE # (WP#)** | *WP Title*  |  |
| *Start Date* |  |
| *End Date*  |  |
| *WP Scope Description* |  |
| *Outcome(s)* |  |
| *Deliverable(s)*  |  |
| **5. RISK** Please describe any perceived risks to project success, such as risk in securing needed personnel and/or additional funding or leverage, risks to project timing, safety or environment-related risks, etc. Please describe the risk management strategies for stated risks. |
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| **6.** **TEAM AND PARTNERS** Please briefly describe the project team’s expertise and the roles of each member in the project (i.e. which person or partner is responsible for which task(s)). CVs are not required. If applicable, include details on any specialized research facility or equipment that will be used. If applicable in multi-partner projects, please insert or append an organizational chart that describes reporting and management roles. |
| **NAME**  | **EXPERTISE**  | **ROLE** |
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| **7. BUDGET** Please complete and submit the separate “Budget Submission Template”. No text is required in this section. |
| **8. PROJECT OUTCOMES & COMMUNICATION PLAN** Please describe the expected project outcomes and how these outcomes (and deliverables, as applicable) will be disseminated to a broader audience. If applicable, please indicate the project’s business strategy, particularly the path to commercialization at the end of the program.  |
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| **9.** **EQUITY, DIVERSITY, INCLUSION AND ACCESSIBILITY (EDIA)**  |
| **EDIA in Research Practice** |
| 1. Do you or any of your co-applicants identify as belonging to an equity-seeking group?
 | Choose an item. |
| 1. If you plan to hire additional team members to work on the proposed project, what measures will you take to ensure that a diverse pool of candidates can access and apply for positions?
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| 1. In the management of your team, how will you ensure that all team members have the support needed to fully participate in the research program and to access opportunities for networking and skill development?
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| **EDIA in Research Design** |
| 1. If any of your research activities will be carried out at an offsite location and/or will require the participation of community members, what measures will you take to ensure that community needs and/or concerns are accounted for in the design and execution of your research project?
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| 1. Could the outcomes of your research project impact (positively or negatively) equity-seeking groups? If so, what measures will you take to avoid any negative impacts and enhance benefits to those equity-seeking groups? If not, please explain and justify why EDIA in Research Design does not apply to this project (see NOTES for more detail).
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| **10. MITACS** (Optional) The ECT-PEI: Clean Technology Challenge is pre-approved for Mitacs funding, pending Mitacs review of this application. If you would like Mitacs interns to support your project, please provide the details below. The intern(s) must be secured at time of proposal submission. |
| **INTERN NAME**  | **ACADEMICLEVEL** | **LENGTH OF** **INTERNSHIP**  | **ACADEMIC** **INSTITUTION(S)** | **ACADEMIC** **SUPERVISOR(S)** | **ADDITIONAL PARTNER ORGANIZATION \*** |
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| \*Net Zero Atlantic (NZA) qualifies as a partner organization. Please list NZA and/or any other partner organization who will contribute to the Mitacs sponsorship. |

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| **External Reviewer Recommendations** *(not mandatory / not scored)* Please include the name and contact details for 1-2 subject matter experts related to the proposed research. The names may be used as external reviewers for proposal and/or final report review. |
| **Name**  | **Title**  | **Email**  | **Area of Expertise** |
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**NOTES**

* The non-confidential PROJECT OVERVIEW will be posted on NZA’s website and may be circulated to or by funders of the ECT PEI: Clean Technology Challenge.
* Apart from Section 1 PROJECT OVERVIEW, none of the sections have word limits. Please use as much space as needed, but prioritize clarity and brevity.
* No appendices, title pages, cover letters, letters of support, signatures or CVs are required.
* If desired the organizational chart and any other supporting information the Applicant feels is relevant can be attached to this template. Please refrain from submitting excess documentation not directly relevant to the proposed project.
* **EQUITY, DIVERSITY, INCLUSION AND ACCESSIBILITY (EDIA)** Note: NZA assumes that EDIA in Research *Practice* will apply to all projects. However, EDIA in Research *Design* may not apply to all projects (i.e., if the research activities will not be conducted offsite and/or if the research activities and/or outcomes will have no significant impact on equity-seeking groups). In this case, the Proponent must explain and justify why EDIA in Research Design does not apply to their project.
* If applicable, please describe your approach to Intellectual Property development in the WORK SCOPE.

**PROPOSAL REQUIREMENTS**

1. The WORK SCOPE must include regular status meetings with NZA, typically on a quarterly basis or if not quarterly then associated with key end-of-task milestones. Proponents are asked to prepare brief PowerPoint presentations for these meetings. Mitacs students are expected to actively participate in these meetings. The OUTCOMES should be described in the work plan as the research advancements/accomplishments in each work package. The DELIVERABLE(S) listed in each work package should detail the materials that will be submitted to NZA at the completion of the work package and or milestone.
2. A final non-confidential report describing the project objectives, methods and outcomes is required. The report must be suitable for posting on NZA’s website. Failure to provide the necessary report may disqualify future applications from the affiliated institutions.
3. It is understood that certain deliverables, such as journal publications, student theses, etc. may only be available after the project has ended. If applicable, please describe the nature and timing of these deliverables in the PROJECT COMMUNICATION PLAN.
4. Applicants will be expected to present their non-confidential project results, either interim or final, at one of NZA’s monthly webinars. NZA in collaboration with the Applicant will be responsible for scheduling the webinar.
5. Contracting between the Lead Researcher (Applicant, Proponent) will employ NZA’s standard contract. The WORK SCOPE including project objectives, milestone timing, and deliverables will be inserted as Schedule A to the contract.
6. The Lead Researcher is responsible for subcontracting with project partners, disbursing funds to them and ensuring their inputs to the project are received when needed.