**INNOV-R**

**Collaborative research funding program**

**GHG Appendix**

**Potential to reduce GHG emissions in Quebec**

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| **NOTES :**   1. Before filling out this form, make sure you have read the **Applicant’s Guide.** 2. This form is an appendix and must be attached to the application for funding form provided by the SIRG to which you are submitting your project. 3. The estimation of the potential for GHG emissions reduction must refer to the specifications and guidelines appearing in part 2 of standard ISO-14064-2 (*Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements*). |

**Section 1. Identification of the project, of the main applicant and of the RSRI**

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| * 1. **Title of the proposed project** | | | | |
| Insert your text here | | | | |
|  | | | | |
| * 1. **Identification of the main applicant** | | | | |
| **Last name :** | Insert your text here | **E-mail**: | Insert your e-mail |
| **First name**: | Insert your text here | **Phone no.**: | Insert your phone number |
| **Research institution:** | Insert your text here | **Title :** | Insert your text here |

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| * 1. **Identification of the industrial research sector (RSRI) to which you are submitting your application** |
| **Choose an element** |

**Section 2. Demonstration of the capacity of the innovation for reducing GHG emissions in Québec during the first 10 years of the commercialisation phase**

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| **2.1. Context of the research project and statement of the GHG-emissions-associated problem** *(2 000 characters)* |
| *It is possible to copy, paste or insert text, formulas, tables and images.* |

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| **2.2. Description of the proposed solution** *(max. 5000 characters)* |

*It is possible to copy, paste or insert text, formulas, tables and images.*

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| **2.2.1 Annual average cost of acquisition (CAPEX) and operational expenditure (OPEX) of the selected solution technology or process** |

*It is possible to copy, paste or insert text, formulas, tables and images.*

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| **Annual average cost of acquisition (CAPEX) and operational expenditure OPEX of the selected solution technology or process** | **CAPEX :** | Enter the amount here **$/year** |
| **OPEX :** | Enter the amount here **$/year** |

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| **2.3. Presentation and justification of the reference scenario** |

*It is possible to copy, paste or insert text, formulas, tables and images.*

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| **2.3.1. Average cost of acquisition (CAPEX) and annual operation expenditure (OPEX) of the technology or process selected in the reference scenario *(5000 characters)*** |

*It is possible to copy, paste or insert text, formulas, tables and images.*

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| **Annual average cost of acquisition (CAPEX) and l operational expenditure (OPEX) of the technology or process used in the reference scenario** | **CAPEX :** | Enter the amount here **$/year** |
| **OPEX :** | Enter the amount here **$/year** |

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| **2.4. Estimation of the reduction or avoidance of GHG emissions (in metric tons of CO2 equivalent per year**) **that could be achieved in Québec by implementing the innovation** *(5 000 characters)* |

*It is possible to copy, paste or insert text, formulas, tables and images.*

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| **Average quantity of GHG emissions reduced or avoided during the first 10 years of commercialization** | Enter the total here **tCO2e/year** |

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| **2.5. Estimation the cost per metric ton of the CO2 equivalents eliminated or avoided in Quebec** (5 000 characters) |

*See section 2.5 p.9 of the applicant guide for details of the expected process.*

*It is possible to copy, paste or insert text, formulas, tables and images.*

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| **Pessimistic scenario :** | Enter the amount here **$/ton of reduced CO2** |
| **Optimistic scenario :** | Enter the amount here **$/ton of reduced CO2** |

**Section 3. Risks inherent in implementing the innovation** *(Specify the uncertainties that could affect the achieved reductions in GHG emissions)*

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| **3.1 How much more time and development is needed to make the innovation ready for the market?** (max. 2000 characters) |

*It is possible to copy, paste or insert text, formulas, tables and images.*

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| **3.2 Estimate the amount of investment needed to commercialise the innovation** (max. 2000 characters) |

*It is possible to copy, paste or insert text, formulas, tables and images.*