**Appendix INNOV-R**

**Appendix deposit with potential project to reduce GHG emissions in Québec**

**NOTES**

* Before filling out this form, read carefully the **Applicant’s Guide** available on request at the website [www.innov-r.org](file:///G:\Mon Drive\03.%20PR\03.2%20PR%20GES\Modèles%20de%20documents%20(1)\www.innov-r.org) as well as this form in order to have a clear understanding of the information required.
* This form is an appendix and must be attached to the application for funding form provided by the RSRI to which you are submitting your project. Your application will thus consist of two parts:
  1. The application for funding form provided by the RSRI with which your initial application was filed;
  2. This INNOV-R form, in appendix

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.

* The final version of your application for funding must be submitted in Word format (required) and PDF (if possible). It must be submitted by e-mail to the applicable RSRI before the deadline of the current call for projects.
* The completed application will be evaluated in two stages:

1. **Scientific and economic evaluation of the R&D project**. A scientific evaluation committee will be assembled by the RSRI to which you have submitted your application. This committee will evaluate, among others, the scientific merit, the degree of innovation and the contribution to science that your project represents. This stage counts for 50 % of the final score.
2. **Evaluation of the capacity of the innovation for reducing GHG emissions in Québec during the first 10 years of the commercialisation phase.** A committee of experts in greenhouse gases will be assembled to evaluate the GHG aspect of all projects submitted. Criteria such as the potential for reduction of GHG emissions in Québec, the estimated cost of the reduction per metric ton of CO2 equivalent, the validity of the hypotheses and the rigor of the estimations will be evaluated. This stage counts for the remaining 50 % of the final score.

Projects that obtain the passing score of 65 % or higher will be submitted to the ministry for the final selection process.

* The eligibility criteria and other terms of the funding program are subject to modification without notice.

**Appendix INNOV-R form**

**Appendix deposit with potential project to reduce GHG emissions in Québec**

1. **Identification**

|  |  |  |
| --- | --- | --- |
| 1. **Title of the proposed project** | | |
| Click here | | |
| 1. **Principal applicant (must be affiliated with a public research institute in Quebec: university, college center of technology transfer (CCTT) or public research center university)** | | |
| **Surname and first name**: Click here  **E-mail**: Double click here | **Research institution:**  Double click here | **Principal applicant’s title:** Double click here |

1. **Check** () **the industrial research sector (RSRI) to which you are submitting your application**

CRIBIQ (Consortium de recherche et innovations en bioprocédés industriels au Québec)

CRITM (Consortium de recherche et innovation en transformation métallique)

PRIMA Québec (Pôle de recherche et innovation en matériaux avancés du Québec)

CRIAQ (Consortium de recherche et innovation en aéronautique du Québec)

CQRDA (Centre québécois de recherche et de développement de l’aluminium)

INNOVÉÉ (Consortium de recherche d’innovation en énergie électrique

PROMPT (Consortium de recherche industrielle du domaine du numérique et des TIC au Québec)

1. **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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| --- |
| **3.1 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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| --- |
| **3.2 Description of the proposed solution** (~ 5,000 characters) |
| *It is possible to copy, paste or insert text, formulas, tables and images* |

|  |  |
| --- | --- |
| 3.2.1 **Annual average cost of acquisition (CAPEX) and operational expenditure (OPEX) of the selected solution technology or process** | |
| **Annual average cost of acquisition (CAPEX) and operational expenditure OPEX of the selected solution technology or process** | **CAPEX :** *Enter the amount here* **$/an**  **OPEX :** *Enter the amount here*  **$/an** |

|  |  |
| --- | --- |
| **3.3 Presentation and justification of the reference scenario** (~ 10,000 characters or 2 pages) | |
| *It is possible to copy, paste or insert text, formulas, tables and images* | |
| 3.3.1 **Average cost of acquisition (CAPEX) and annual operation expenditure (OPEX) of the technology or process selected in the reference scenario (5000 characters)** | |
| **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*  **en $/an**  **OPEX :** *Enter the amount herre* **$/an** |
| **3.4 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) | |
|  | |
| **Average quantity of GHG emissions reduced or avoided during the first 10 years of commercialization** | *Enter the total here in* **tCO2e/year** |

|  |  |
| --- | --- |
| **3.5 Estimation the cost per metric ton of the CO2 equivalents eliminated or avoided in Québec** (~ 5,000 characters) | |
|  | |
| **Pessimistic scenario: cost per ton of CO2 reduced** | *Enter the amount here* **$/ton** |
| **Optimistic scenario: cost per ton of CO2 reduced** | *Enter the amount here* **$/ton** |

1. **Risks inherent in implementing the innovation**

*(Specify the uncertainties that could affect the achieved reductions in GHG emissions)*

|  |
| --- |
| **4.1 How much more development is needed to make the innovation ready for the market?** (~ 2,000 characters) |
| *It is possible to copy, paste or insert text, formulas, tables and images* |

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| --- |
| **4.2 Estimate the amount of investment needed in order to commercialise the innovation** (~ 2,000 characters) |
| *It is possible to copy, paste or insert text, formulas, tables and images* |