EOI Content (en)

This page shows the complete content. Each Part will be loaded and completed separately.

EOI Part 1: Mandatory Requirements

LCIF Mandatory Requirements

EOI Name:
EOI Identifier
EOI Description:

1.1 GHG Reduction Potential

The Project has the potential to play a significant role in assisting the Government of Ontario to meet its Greenhouse Gas (GHG) reduction goals as part of Ontario's Climate Change Action Plan.

[select]
Does not meet criterion
Meets criterion

1.2 Applicant Location

Applicant must be incorporated in Ontario or Canada with permanent establishment in Ontario.

[select]
Does not meet criterion
Meets criterion

1.3 Project Location

The proposed Project must be carried out in Ontario.

[select]
Does not meet criterion
Meets criterion

1.4 Strategic Partners

Agreements with any strategic partners that are necessary to enable the Project to proceed must be in place on submission of the Business Case.

[select]
Does not meet criterion
Meets or will meet criterion

1.5 Technology Readiness Level

Technology demonstrated in the Project must at a minimum meet the criteria for TRL 5.

More Info

[select]
Does not meet criterion
Meets criterion

1.6 Commercialization Readiness Level

Applicant must at a minimum meet the criteria for CRL 3.

More Info

[select]
Does not meet criterion
Meets criterion

1.7 Safety and Regulatory Approvals

Any safety or regulatory approvals necessary to deploy the technologies in the Project must be in place and proof must be provided in the Business Case submission.

[select]
Does not meet criterion
Meets or will meet criterion

1.8 Intellectual Property

Applicant must have rights to commercialize the technologies that are demonstrated in the Project. Such rights must include all of Ontario and preferably would extend beyond that.

[select]
Does not meet criterion
Meets or will meet criterion

1.9 Timeline

The timeline for completion of the Project must be less than 2 years.

[select]
Does not meet criterion
Meets criterion

1.10 Requested funding

Requested funding must fall within the range from $250,000 to $2 million.

[select]
Does not meet criterion
Meets criterion

1.11 Funding Commitments

By the time of the Business Case submission, applicant must demonstrate funding commitments for at least 50% of eligible Project costs from sources other than the Government of Ontario. A stacking limit of 66% from all government sources will be applied.

[select]
Does not meet criterion
Meets or will meet criterion

1.12 Application Status

The EOI and Business Case must be complete, must be submitted before the prescribed due date and time, and must otherwise conform to the submission requirements specified in the detailed Submission Guidelines.

[select]
Does not meet criterion
Meets or will meet criterion

EOI Part 2: Identification, Contact and Organization Information

LCIF EOI Identification, Contact and Organization Information

EOI Name:
EOI Identifier
EOI Description:

2.1 Applicant Contact Name

Provide the name of the person to contact regarding this application.

2.2 Applicant Contact Email

Provide the applicant contact email address.

2.3 Applicant Contact Phone

Provide the applicant contact phone number.

2.4 Applicant Title

Provide your title or role in the organization.

2.5 Applicant Organization

Provide the legal name of the organization making this application.

2.6 Applicant Organization Type

Indicate the type of organization making this application.

Company

2.7 Trade Name

Provide the company trading name of the organization making this application (if the trading name is the same as the legal name enter the legal name again).

2.8 Organization Street Address

Provide the organization street address.

2.9 City

Provide the town or city.

2.10 Province, Territory or State

Provide the province, territory or state.

2.11 Postal Code

Provide the postal code.

2.12 Country

Provide the country.

2.13 Organization Phone Number

Provide the phone number for the organization.

2.14 Primary Product / Technology Category

Please select the primary focus of your Product / Technology from the following list.

[Select]
Enabling technology
Carbon/GHG/Toxic Emission reductions
Waste Diversion
Resource Conservation (e.g. water)
Energy Conservation
Renewable Energy Generation: Wind Electric Power
Renewable Energy Generation: Solar Electric Power
Renewable Energy Generation: Solar Thermal Power
Renewable Energy Generation: Geothermal Power
Renewable Energy Generation: Biofuel
Renewable Energy Generation: Hydroelectricity
Renewable Energy Generation: Other
CO2 capture and usage
Other

2.15 Technology Readiness Level, Beginning of Project

Specify the Technology Readiness Level as of the beginning of the project.

More Info

[Select]
TRL 1. Basic principles observed and reported
TRL 2. Technology concept and / or application formulated
TRL 3. Analytical and experimental critical function and/ or proof of concept
TRL 4. Component and/or breadboard validation in a laboratory environment
TRL 5. Component and/or breadboard validation in a relevant environment
TRL 6. System/ subsystem model or prototype demonstration in a relevant environment
TRL 7. System prototype demonstration in an operational environment
TRL 8. Actual system completed and qualified through test and demonstration

TRL 9. Actual system proven through successful operations

2.16 Technology Readiness Level, Completion of Project

Specify the Technology Readiness Level as of the Project Completion Year.

More Info

[Select]
TRL 1. Basic principles observed and reported
TRL 2. Technology concept and / or application formulated
TRL 3. Analytical and experimental critical function and/ or proof of concept
TRL 4. Component and/or breadboard validation in a laboratory environment
TRL 5. Component and/or breadboard validation in a relevant environment
TRL 6. System/ subsystem model or prototype demonstration in a relevant environment
TRL 7. System prototype demonstration in an operational environment
TRL 8. Actual system completed and qualified through test and demonstration
TRL 9. Actual system proven through successful operations

2.17 Commercialization Readiness Level, Beginning of Project

Specify the Commercialization Readiness Level as of the beginning of the project. .

More Info

[Select]
CRL 1. Startup
CRL 2. Pre-finance, bootstrapping the scaleup
CRL 3. Operational with scaleup financing in place
CRL 4. Operational business, scaleup has achieved cash positive position
CRL 5. Inroads in initial niche or local markets, seeking partners to enhance market reach
CRL 6. Solid in initial markets, national distribution arrangements in place
CRL 7. Solid beyond initial markets, continental distribution arrangements in place
CRL 8. Solid in continental markets, global distribution arrangements in place
CRL 9. Solid in global markets, seeking project/service diversification

2.18 Commercialization Readiness Level, Completion of Project

Specify the Commercialization Readiness Level as of the Project Completion Year.

More Info

[Select]
CRL 1. Startup
CRL 2. Pre-finance, bootstrapping the scaleup
CRL 3. Operational with scaleup financing in place
CRL 4. Operational business, scaleup has achieved cash positive position
CRL 5. Inroads in initial niche or local markets, seeking partners to enhance market reach
CRL 6. Solid in initial markets, national distribution arrangements in place
CRL 7. Solid beyond initial markets, continental distribution arrangements in place
CRL 8. Solid in continental markets, global distribution arrangements in place
CRL 9. Solid in global markets, seeking project/service diversification

2.19 Total Project Funding

Indicate the total project funding from all sources. Enter as a numeral with no currency symbol or decimal place.

0

2.20 LCIF Requested Funding

Indicate the amount of funding requested from LCIF. Enter as a numeral with no currency symbol or decimal place.

0

2.21 Main Project Location

Indicate the main project location.

2.22 Other Project Locations

If the project involves locations other than the Main Project Location indicated above, list them in the text box provided.

2.23 Applicant History

Use the pulldown menu to indicate the number of years the company has been in business.

[Select]
Less than 2 years
2-5 years
6-9 years
10-15 years
More than 15 years

2.24 Organization Size

For each of the categories below, please select the range that best describes the size of your organization.

Revenues	<$100K ☐	$100K-$1M ☐	$1M-$10M ☐	$10M-$100M ☐	$100M-$1B ☐	>$1B ☐
Number of local employees in Ontario	<50 ☐	50-100 ☐	100-500 ☐	500-1000 ☐	1000-10000 ☐	>10000 ☐
Number of global employees	<50 ☐	50-100 ☐	100-500 ☐	500-1000 ☐	1000-10000 ☐	>10000 ☐

2.25 Applicant Operations

Provide a brief summary of Applicant operations including company history, locations, products, facilities, distribution channels, position in relevant supply chains, etc. Limit your response to 300 words.

2.26 Revenue Track Record

Indicate revenues for the most recent three fiscal years. Enter numerals only in Canadian dollars using no currency signs or commas. Leave the default values as 0 if not applicable.

	2014	2015	2016
Total Revenues	0	0	0

2.27 Profitability Track Record

Select the statement below that best describes the profitability history of your company.

[Select]
Financial statements have not shown a profit since the company was founded
Financial statements show one or more recent years with losses
Financial statements show initial losses but consistent profitability in recent years
Financial statements show consistent profitability since the company was founded

2.28 Applicant Balance Sheet Status

Select the statement below that best describes the current balance sheet status of your company based on the most recent financial statements.

[Select]
Balance sheet shows negative working capital, the organization has limited lines of credit, and/or is already or risks being offside on covenants relating to its lines of credit
Balance sheet shows modest positive working capital, and the organization has modest room in its lines of credit
Balance sheet shows positive working capital, and the organization has sufficient room in its lines of credit to finance at least 50% of total Project cost for the first 12 months
Balance sheet shows significant positive working capital, and the organization has sufficient room in its lines of credit to finance at 100% of total Project cost for the first 12 months

2.29 Audit Status of Financial Statements

Select the statement below that best describes the audit status of the company's financial statements.

[Select]
The applicant's financial statements have never been audited or reviewed by a public accountant
The applicant's most recent financial statements were reviewed by a public accountant

The applicant can provide financial statements for 2 or more years that were reviewed by a public accountant
The applicant's most recent financial statements were audited by a public accountant
The applicant can provide financial statements for 2 or more years that were audited by a public accountant

2.30 Project Funding Relative to Applicant Revenues

Select the statement below that best indicates the ratio between total proposed project funding and applicant's total revenues for the most recent fiscal year.

[Select]
Total project funding is more than 100% of applicant's total revenues for the most recent fiscal year
Total project funding is more than or equal to 50% of applicant's total revenues for the most recent fiscal year
Total project funding is less than 50% of applicant's total revenues for the most recent fiscal year
Total project funding is less than 25% of applicant's total revenues for the most recent fiscal year

EOI Part 3: Project Information

LCIF EOI Project Information

A. Project Overview

3.1 Project Overview

Provide a general overview of the project. Limit your response to 500 words.

3.2 Project Goals and Deliverables

Provide a description of the goals and deliverables of the project. Limit your response to 500 words.

3.3 Need for Demonstration Project

Provide your rationale for why a demonstration project is needed for the underlying technologies. Limit your response to 500 words.

3.4 Project Outcomes

Describe the expected Project outcomes and benefits for the company. Limit your response to 250 words.

B. Project Plan Overview

3.5 Overview of the Project Plan

Provide an overview of the project plan. Limit your response to 500 words.

3.6 Project Timeline and Stages

Provide a summary of project stages, milestones and related time lines for your project. Identify for each stage the objectives, deliverables and duration for each major target date, and the criteria that will be used to evaluate progress toward the project's overall goals. Limit your response to 1000 words.

3.7 Commercialization Activities During Project

Provide a summary of activities that will take place during the project that will lay the groundwork for commercialization. Limit your response to 250 words.

3.8 Post-project Plans

Assuming the project is successful, what will happen next? Provide a summary of your vision of what will happen after the project is completed. Limit your response to 250 words.

3.9 Project Team Overview

Provide a summary of the key members of the project team, their roles in the project, and why their background qualifies them to play these roles. Limit your response to 1000 words.

3.10 Project Performance Metrics

Summarize the metrics that will be monitored quarterly throughout the project to ensure that it remains on track and that anticipated outcomes will be achieved. Limit your response to 300 words.

C. Project Strategic Partners and Stakeholders

3.11 Strategic Partners

Provide the names of strategic partner organizations participating in the project. For each provide a brief description of the organization, their rational for participating in the project, their roles in the project and subsequent activities. Provide the name, title, email address, and business phone number for each organization's representative that will oversee their participation. Limit your response to 500 words.

3.12 Other Project Stakeholders

Identify any other community or institutional stakeholders that will play a role in or be affected by the project or subsequent activities.

3.13 Strategic Partner / Stakeholder Outcomes

Describe the expected Project outcomes and benefits for strategic partners and stakeholders identified. Limit your response to 250 words.

D. Project Plan Details

3.14 Summary of Project Costs

Provide a summary of project costs for the categories indicated. Enter as a numeral with no currency symbol, commas or decimal place. Leave the default values as 0 if not applicable.

	2018	2019	Total:
Direct Labour	0	0	0
Direct Materials	0	0	0
Subcontracts	0	0	0
Equipment and Machinery	0	0	0
Overhead	0	0	0
Other Eligible Costs	0	0	0
Overall Total:	2018 total: 0	2019 total: 0	Total: 0

3.15 Summary of Project Funding

Provide a summary of project funding for the categories indicated. Enter as a numeral with no currency symbol, commas or decimal place. Leave the default values as 0 if not applicable.

	2018	2019	Total:
Your company	0	0	0
Project partners	0	0	0
	2018	2019	Total:

Province of Ontario - LCIF	0	0	0
	2018	2019	Total:
Other government sources	0	0	0
	2018	2019	Total:
Other	0	0	0
	2018 total:	2019 total:	Total:
Overall Total:	0	0	0

Additional comments:

NA

E. Project Risks and Risk Management

3.16 Project Risks and Risk Management

Identify and describe the principal risks that exist with respect to successful project completion. Summarize how each identified project risk will be managed and/or mitigated. Limit your response to 500 words.

F. Project GHG Impacts

3.17 GHG Reduction Description

Describe how the solution to be demonstrated in the project affects GHG emissions. Your description should include a quantitative calculation of relevant "baseline" emissions (in tonnes of CO2e) in the absence of the solution, and a calculation of the reductions below the baseline that the solution will generate. Limit your response to 500 words.

More Info

3.18 GHG Caused by the Solution

Describe any GHG emissions that are caused by the manufacturing, installation or operation of the solution. Your description should include a quantitative calculation of emissions that will be generated during the course of the project, expressed in tonnes of CO2e. Limit your response to 250 words.

More Info

3.19 Net GHG Reductions Demonstrated During Project

Provide an estimate of net GHG reductions to be demonstrated during the project, expressed in tonnes of CO2e. Enter as a numeral with no currency symbol, commas or decimal place. Leave the default values as 0 if not applicable. Use the text box to clarify, by reference to the responses to 3.18 and 3.19 above, how these estimates were calculated. Limit your response to 500 words.

More Info

	2018	2019
GHG Reductions	0	0

G. Project Other Impacts

3.20 Other Environmental Benefits

Identify any other environmental benefits to be demonstrated during the project, specifying specific quantities and units of measure. Describe how these benefits will be measured and validated. Limit your response to 250 words.

3.21 Societal Benefits

Identify any societal benefits to be demonstrated during the project, including impacts on low income/vulnerable communities, First Nations and Metis communities, behavioural insights, health and other social impacts. Describe how these benefits will be measured and validated. Limit your response to 250 words.

3.22 Economic Benefits

Identify any economic benefits to be demonstrated during the project, including financial value streams generated, supply chain impacts, export potential, etc. Describe how these benefits will be measured and validated. Limit your response to 250 words.

3.23 Employment Impacts

Identify any employment impacts to be demonstrated during the project, including short and longer-term job creation, training, other employment-related impacts, etc. Describe how these benefits will be measured and validated. Limit your response to 250 words.

EOI Part 4: Technology Information

LCIF EOI Technology Information

A. Technology Overview

4.1 Technology Description

Provide a general description of the technology or technologies to be demonstrated in the Project. Limit your response to 500 words.

4.2 Technology Role in GHG reduction

Describe the anticipated role of the technology or technologies in helping Ontario achieve GHG reduction goals. Limit your response to 250 words.

4.3 Technology Development / Application Status

For each of the key technologies that underlie the solution, describe the development status of the technology, including existing or prior applications if any. Limit your response to 250 words.

B. Technology Uniqueness / Differentiation

4.4 Differentiation from Competing Technologies

List and describe competing technologies, and explain how the technologies underlying the solution are differentiated from competing technologies. Limit your response to 250 words.

4.5 Technology Intellectual Property Status

Indicate the level of IP protection that exists with respect to the Project technologies (if any), the ownership of IP rights, and the date of patent or other IP expiry. For any IP rights owned by organizations other than the applicant, describe the terms of licensing or other agreements. Limit your response to 500 words.

NA

4.6 Typical Commercial Deployment

Describe a typical deployment of the solution / technologies at commercial scale (per unit or installation). Limit your response to 250 words.

4.7 Annual GHG Reduction per Typical Init / Installation

Indicate the annual GHG reductions (expressed in tonnes of CO2e) that a typical unit or installation of the solution will generate.

More Info

0

4.8 Annual GHG Reduction Calculation

Describe how the annual reduction quantity specified above was calculated. Your description should build on the response to 3.18 and include a quantitative calculation of relevant "baseline" emissions (in tonnes of CO2e) in the absence of the solution, and a calculation of the reductions below the baseline that the solution will generate at commercial scale (per unit or installation).

More Info

4.9 Typical Operational Lifespan of Unit / Installation

Indicate the number of years during which a typical unit / installation will be operational.

[select]
less than 2 years
2-4 years
4-8 years
8-12 years
More than 12 years

4.10 GHG Impacts over Time

How would the magnitude of the estimated annual GHG reductions specified above change over time due to improvements or impairments in the efficacy of the solution over time..

[select]
Not applicable / cannot estimate
More than 50% annual net increase
30%-50% annual net increase
15%-30% annual net increase
10%-15% annual net increase
6%-10% annual net increase
3%-6% annual net increase
Up to 3% annual net increase
No change anticipated
Up to 3% annual net reduction
3%-6% annual net reduction
6%-10% annual net reduction
10%-15% annual net reduction
15%-30% annual net reduction
30%-50% annual net reduction
More than 50% annual net reduction

4.11 Technology Regulatory Status

Indicate any safety or regulatory requirements applicable to deployment of the technologies in both the Demonstration Project and subsequent commercialization, and for each identify the current status of compliance and/or approvals. Limit your response to 250 words.

D. Other Technology Details

4.12 Complexity and Risks of Technical Scale-up

Summarize the technical challenges and risks that will be encountered in scaling up the solution and its underlying technologies from the Project to that required to support commercial deployment, and how these challenges and risks will be addressed. Limit your response to 300 words.

4.13 Resources Required for Technical Scale-up

Identify the human, financial and organizational resources required to enable scaling up the solution and its underlying technologies from the Project. Identify resources required to support commercial deployment, and indicate how these resources will be sourced. Limit your response to 300 words.

4.14 Technology Risks and Risk Management

Identify and describe the principal risks that exist with respect to the technologies. Summarize how each identified technologies risk will be managed and/or mitigated. Limit your response to 500 words.

E. Technical Scale-up Financial Parameters

4.15 Typical Solution Unit / Installation Initial Investment

Indicate the approximate investment that an adopter of the solution will make to acquire a unit or installation when deployed at commercial scale. Enter as a numeral with no currency symbol, commas or decimal place.

0

4.16 Typical Solution Unit / Installation Annual Operating Costs

Indicate the approximate amount an adopter of the solution will pay annually to operate a unit or installation when deployed at commercial scale. Enter as a numeral with no currency symbol, commas or decimal place.

0

4.17 Typical Solution Unit / Installation Annual Revenues or Cost Savings

Indicate the approximate amount an adopter of the solution will generate in annual revenues or cost savings through operating a unit or installation when deployed at commercial scale. Enter as a numeral with no currency symbol, commas or decimal place.

0

EOI Part 5: Market and Commercialization Information

LCIF EOI Market and Commercialization Information

A. Market Overview

5.1 Market Overview

Provide a general overview of the markets for the solutions included in the Project, including relevant customer segments. Limit your response to 500 words.

5.2 Estimate of Ontario Current Market Size

Indicate your estimate of the current size of the Ontario market for solutions included in the Project.

[Select]
less than $100K
$100K-$1M
$1M-$10M
$10M-$100M
$100M-$1B
more than $1B
more than $5B

5.3 Estimate of Ontario Future Market Size

Indicate your estimate of the future size of the Ontario market in 2023 (5 years from now) for solutions included in the Project.

[Select]
less than $100K
$100K-$1M
$1M-$10M
$10M-$100M
$100M-$1B
more than $1B
more than $5B

5.4 Estimate of the Canada Current Market Size

Indicate your estimate of the current size of the Canadian market for solutions included in the Project.

[Select]
less than $100K
$100K-$1M
$1M-$10M
$10M-$100M
$100M-$1B
more than $1B
more than $5B

5.5 Estimate of the Canada Future Market Size

Indicate your estimate of the future size of the Canadian market in 2023 (5 years from now) for solutions included in the Project.

[Select]
less than $100K
$100K-$1M
$1M-$10M
$10M-$100M
$100M-$1B
more than $1B
more than $5B

5.6 Estimate of the North American Current Market Size

Indicate your estimate of the current size of the North American market for solutions included in the Project.

[Select]
less than $100K
$100K-$1M

$1M-$10M
$10M-$100M
$100M-$1B
more than $1B
more than $5B

5.7 Estimate of the North American Future Market Size

Indicate your estimate of the future size of the North American market in 2023 (5 years from now) for solutions included in the Project.

[Select]
less than $100K
$100K-$1M
$1M-$10M
$10M-$100M
$100M-$1B
more than $1B
more than $5B

5.8 Estimate of the International Current Market Size

Indicate your estimate of the current size of the international market for solutions included in the Project.

[Select]
less than $100K
$100K-$1M
$1M-$10M
$10M-$100M
$100M-$1B
more than $1B
more than $5B

5.9 Estimate of the International Future Market Size

Indicate your estimate of the future size of the international market in 2023 (5 years from now) for solutions included in the Project.

[Select]
less than $100K
$100K-$1M
$1M-$10M
$10M-$100M
$100M-$1B
more than $1B
more than $5B

5.10 Market Segments Size and Growth

Provide a commentary on the current size and anticipated future growth of the customer segments most relevant for the solutions included in the Project. Limit your response to 250 words.

5.11 Market Data

Provide a description of market studies or information sources your company has relied on to develop its estimates of future market potential for the solutions included in the Project. Limit your response to 250 words.

B. Commercialization Strategy

5.12 Commercialization Strategy Overview

Provide an overview of the commercialization strategy for the solutions included in the Project. The overview should include a description of target markets and segments, approaches for marketing and promotion, distribution channels and order fulfilment, and other details relevant to understanding the strategy. Limit your response to 500 words.

5.13 Commercialization Competition and Differentiation

Describe the competitive environment you anticipate, major competitors or categories of competitors, and your strategy for differentiating your solution in the marketplace. Limit your response to 300 words.

5.14 Commercialization Critical Success Factors

Identify the top five factors that are critical to commercialization success and your approach for ensuring these factors are addressed. Limit your response to 300 words.

C. Commercialization Plan Details

5.15 Commercialization Resources

Summarize the resources and investment required to implement and ensure the success of the commercialization strategy. Limit your response to 300 words.

5.16 Commercialization Financing

Describe how the resources and investment required to implement and ensure the success of the commercialization strategy will be financed. Limit your response to 250 words.

5.17 Commercialization Team

Provide a summary of the key members of the commercialization team, their roles in commercialization planning and implementation, and why their background qualifies them to play these roles. Limit your response to 500 words.

5.18 Commercialization Performance Metrics

Summarize the metrics that will be monitored quarterly throughout the commercialization to ensure that it remains on track and that anticipated outcomes will be achieved. Limit your response to 250 words.

5.19 Commercialization Risks and Risk Management

Identify and describe the principal risks that exist with respect to successful commercialization. Summarize how each identified commercialization risk will be managed and/or mitigated. Limit your response to 500 words.

D. Commercialization Roll-out Scenarios

5.20 Commercialization Roll-out Scenarios: Ontario

Provide an estimate of the total number of units / installations estimated to be sold and shipped / installed in Ontario during 10 years after project completion. Provide the estimate for one scenario: the most likely.

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Units or installations sold in Ontario: most likely scenario	0	0	0	0	0	0	0	0	0	0	0

5.21 Commercialization Roll-out Scenarios: Canada

Provide an estimate of the total number of units / installations estimated to be sold and shipped / installed in Canada outside of Ontario during 10 years after project completion. Provide the estimate for one scenario: the most likely.

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Units or installations sold in the rest of Canada	0	0	0	0	0	0	0	0	0	0	0

5.22 Commercialization Roll-out Scenarios: Outside of Canada

Provide an estimate of the total number of units / installations estimated to be sold and shipped / installed outside Canada during 10 years after project completion. Provide the estimate for one scenario: the most likely.

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Units or installations exported	0	0	0	0	0	0	0	0	0	0	0

E. Other Commercialization Impacts

5.23 Other Commercialization Environmental Benefits

Identify any other environmental benefits to be demonstrated during 10 years after project completion, specifying specific quantities and units of measure. Describe how these benefits will be measured and validated. Limit your response to 250 words.

5.24 Commercialization Societal Benefits

Identify any societal benefits to be demonstrated during 10 years after project completion, including impacts on low income/vulnerable communities, First Nations and Metis communities, behavioural insights, health and other social impacts. Describe how these benefits will be measured and validated. Limit your response to 250 words.

5.25 Commercialization Economic Benefits

Identify any economic benefits to be demonstrated during 10 years after project completion, including financial value streams generated, supply chain impacts, export potential, etc. Describe how these benefits will be measured and validated. Limit your response to 250 words.

5.26 Commercialization Employment Impacts

Identify any employment impacts to be demonstrated during 10 years after project completion, including short and longer-term job creation, training, other employment-related impacts, etc. Describe how these benefits will be measured and validated. Limit your response to 250 words.

EOI Part 6: Applicant Self-Evaluation

A1: Project need

A1.1 Need for Project

Options:

A: There is little or no need for a Project as presented and/or the solution(s) have been sufficiently demonstrated in similar use to make a Project redundant
B: A Project as presented may address a number of minor open issues regarding the application of the solution(s) in an Ontario context
C: A Project as presented is likely to address important open issues regarding the application of the solution(s) in an Ontario and Canadian context
D: The Project as presented is well focused on addressing significant key open issues regarding the application of the solution(s) which are strategic to Ontario and important in Canadian and international applications

Your score and comments:

A2: Project plan

A2.1 Project Plan

Options:

A: The Plan for the Project as presented is incomplete and/or has serious weaknesses, deficiencies or gaps that raise serious doubts about successful completion
B: The Plan for the Project as presented is largely complete but has some weaknesses, deficiencies or gaps that constitute serious risks to the successful completion unless they are remedied before project funding is awarded
C: The Plan for the Project as presented is largely complete and is likely to support successful completion of the Pilot Project, subject to a small

number of minor weaknesses, deficiencies or gaps that can easily be addressed before project start
D: The Plan for the Project as presented is excellent in all respects with no weaknesses, deficiencies or gaps; has identified potential risks and presented mitigation strategies; and is highly likely to support the successful completion of the Pilot Project

Your score and comments:

A3: Organization capacity

A3.1 Organization Capacity to Complete Project

Options:

A: The organization's expertise, human resources and/or the facilities that can be applied are inadequate and unlikely to support successful completion of the Project
B: There are a number of serious deficiencies in the organization's expertise, human resources, or the facilities that can be applied that constitute serious risks to successful completion of the Project unless they are remedied before project funding is awarded
C: The organization's expertise, human resources, and the facilities that will be applied is likely sufficient to support successful completion of the Project subject to a few minor gaps that can easily be addressed before project start
D: The organization's expertise, human resources, and the available facilities that will be applied are highly likely to support successful completion of the Project

Your score and comments:

A4: Financial capacity

A4.1 Financial Capacity to Complete Project

Options:

A: Given the funding requirements of the Project in relation to the organization's existing financial resources and ability to obtain additional financing, any delays or overruns during the Project would present serious risks to successful completion
B: The organization has sufficient financial resources and/or access to financing to accommodate small delays or overruns during the Project, but major delays or overruns could present some risks to successful completion
C: The organization has the financial resources and or access to financing to accommodate the normal delays or overruns which might arise during the Project
D: The organization has the financial resources to accommodate any delays or overruns which might arise during the Project and can apply additional resources if required to maintain the planned schedule

Your score and comments:

A5: Strategic partners

A5.1 Project Strategic Partners

Options:

A: The strategic partner(s) identified and/or the proposed partnership arrangements are unlikely to be adequate to support successful completion of the Project
B: There are a number of serious deficiencies in the strategic partner(s) identified and/or the proposed partnership arrangements that constitute serious risks to successful completion of the Project unless they are remedied before project funding is awarded
C: The strategic partner(s) identified and/or the proposed partnership arrangements are likely sufficient to support successful completion of the Project subject to a few minor gaps that can easily be addressed before project start
D: The strategic partner(s) identified and/or the proposed partnership arrangements are highly likely to support successful completion of the Project

Your score and comments:

B1: GHG reduction potential

B1.1 Technology Potential to Reduce Ontario GHG

Options:

A: The technology or technologies that underlie the solution(s) central to the Project have limited potential to be applied in application(s) of sufficient scope to make a meaningful contribution to reducing Ontario GHG emissions
B: The technology or technologies that underlie the solution(s) central to the Project have a reasonable potential to make a modest contribution in application(s) of sufficient scope to make a meaningful contribution to reducing Ontario GHG emissions
C: The technology or technologies that underlie the solution(s) central to the Project have a reasonable potential to make a significant contribution in application(s) of sufficient scope to make a meaningful contribution to reducing Ontario GHG emissions
D: The technology or technologies that underlie the solution(s) central to the Project have excellent potential to make a major and sustained contribution in application(s) of sufficient scope to make a meaningful contribution to reducing Ontario GHG emissions

Your score and comments:

B2: Deployment readiness

B2.1 Technology Readiness for Deployment

Options:

A: The technology or technologies that underlie solution(s) central to the Project are not well understood or developed and/or has had no testing in the proposed application(s)
B: The technology or technologies that underlie the solution(s) central to the Project have reached a "bench level" of development but have had only a limited level of testing in the proposed application(s
C: The technology or technologies that underlie the solution(s) central to the Project have been tested in a controlled environment and sufficient data have been obtained to confirm validity in the proposed application(s)
D: The technology or technologies that underlie the solution(s) central to the Project have been extensively tested under a wide variety of conditions with a high level of consistency and repeatability to confirm validity in the proposed application(s)

Your score and comments:

B3: Technology uniqueness

B3.1 Technology Uniqueness

Options:

A: The technology or technologies that underlie the solution(s) central to the Project are substantially similar to other solution(s) available in the marketplace
B: The technology or technologies that underlie the solution(s) central to the Project have a number of advantages over substantially similar solution(s) available in the marketplace
C: The technology or technologies that underlie the solution(s) central to the Project have a number of proprietary unique features that most existing customers will perceive as superior to competitive solution(s)
D: The technology or technologies that underlie the solution(s) central to the Project represent a breakthrough and will enable the organization to maintain a long-term competitive advantage in existing and new markets

Your score and comments:

B4: Technology risk

B4.1 Technology and Scale-up Risk and Risk Management

Options:

A: The key technology or technologies that underlie the Project solution(s) have a number of significant risk factors which would make successful project completion and/or subsequent scale up unlikely
B: The key technology or technologies that underlie the Project solution(s) have least one significant risk factor which would make successful project completion and/or subsequent scale up difficult
C: The key technology or technologies that underlie the Project solution(s) have a reasonable set of risk factors which would require special attention in order to ensure successful project completion and subsequent scale up. The Applicant is aware of these risks and is likely to be able to manage them
D: The key technology or technologies that underlie the Project solution(s) have a reasonable set of risk factors which would require special attention. The Applicant is aware of these risks and has presented an excellent technical risk mitigation/ management strategy which is highly likely to support successful project completion and subsequent scale up

Your score and comments:

C1: Market potential

C1.1 Market Potential

Options:

A: The markets for the solution(s) central to the Project are small, have little growth potential and/or are highly competitive
B: The markets for the solution(s) central to the Project offer some interesting niche market opportunities with reasonable growth potential, primarily in North America
C: The markets for the solution(s) central to the Project are global and have significant growth potential
D: The markets for the solution(s) central to the Project are global and have significant and sustained growth potential

Your score and comments:

C2: Commercialization strategy

C2.1 Commercialization Strategy and Competitive Advantage

Options:

A: The commercialization strategy and/or discussion of competitive advantage is weak, incomplete or inadequate
B: The commercialization strategy is adequate with some explanation of the current competitive advantage for the solution(s) to be commercialized
C: The commercialization strategy is adequate and presents a reasonable basis for concluding that a viable long term competitive advantage is possible
D: The commercialization strategy is thorough and and presents convincing case for concluding that a viable long term competitive advantage is likely

Your score and comments:

C3: Commercialization capacity

C3.1 Organization and Financial Capacity

Options:

A: Given the requirements for successful commercialization, the organization's expertise, human resources, facilities and/or the financial resources have serious weaknesses, deficiencies or gaps that raise serious doubts about successful implementation of the commercialization strategy
B: Given the requirements for successful commercialization, the organization's expertise, human resources, facilities and/or financial resources have some weaknesses, deficiencies or gaps that raise serious doubts about successful completion of the commercialization strategy unless they are remedied before project funding
C: The organization's expertise, human resources, facilities and/or financial resources are likely sufficient to enable successful implementation of the commercialization strategy subject to a few weaknesses, deficiencies or gaps that can be remedied as the project proceeds
D: The organization's expertise, human resources, facilities and/or financial resources appear fully sufficient to enable successful implementation of the commercialization strategy

Your score and comments:

C4: Commercialization risk

C4.1 Market and Commercialization Risk and Risk Management

Options:

A: The market entry and commercialization strategy as presented have a number of significant risk factors which would make achievement of its long term goals unlikely
B: The market entry and commercialization strategy as presented have least one significant risk factor which would make achievement of its long term goals difficult
C: The market entry and commercialization strategy as presented has a reasonable set of risk factors which would require special attention in order to ensure achievement of its long term goals. The Applicant is aware of these risks and is likely to be able to manage these
D: The market entry and commercialization strategy as presented has a reasonable set of risk factors which would require special attention. The Applicant is aware of these risks and has presented an excellent risk mitigation/ management strategy which is highly likely to support successful achievement of its long term goals

Your score and comments:

D1: Short-term GHG reductions

D1.1 Short-term GHG Reductions to 2020

Options:

A: Based on the Applicant's claims regarding short-term GHG reductions by 2020, the Project will have a minimal impact on Ontario GHG
B: Based on the Applicant's claims regarding short-term GHG reductions by 2020, the Project will have a modest impact on Ontario GHG
C: Based on the Applicant's claims regarding short-term GHG reductions by 2020, the Project will have a significant impact on Ontario GHG
D: Based on the Applicant's claims regarding short-term GHG reductions by 2020, the Project will have a major impact on Ontario GHG

Your score and comments:

D2: Medium / longer-term GHG reductions

D2.1 Medium / Longer-term GHG Reductions

Options:

A: Based on the Applicant's claims regarding medium / longer-term GHG reductions by 2030, commercialization of the solution will have a minimal impact on Ontario GHG
B: Based on the Applicant's claims regarding medium / longer-term GHG reductions by 2030, commercialization of the solution will have a modest impact on Ontario GHG
C: Based on the Applicant's claims regarding medium / longer-term GHG reductions by 2030, commercialization of the solution will have a significant impact on Ontario GHG
D: Based on the Applicant's claims regarding medium / longer-term GHG reductions by 2030, commercialization of the solution will have a major impact on Ontario GHG

Your score and comments:

D3: Other environmental impacts

D3.1 Other Environmental Impacts

It is expected that Projects and subsequent commercialization will result in other environmental benefits for Ontario such as: Waste reduction, Clean water, Agriculture, Forestry, Other.

Options:

A: Successful completion of the Project and subsequent commercialization of the demonstrated solution(s) will likely lead to few if any long term other environmental benefits for Ontario
B: Successful completion of the Project and subsequent commercialization of the demonstrated solution(s) will likely lead to some small long term

other environmental benefits for Ontario
C: Successful completion of the Project and subsequent commercialization of the demonstrated solution(s) will likely lead to at least one significant long term other environmental benefit for Ontario
D: Successful completion of the Project and subsequent commercialization of the demonstrated solution(s) will likely lead to major and enduring long term other environmental benefits for Ontario

Your score and comments:

D4: Societal impacts

D4.1 Societal Impacts

It is expected that Projects and subsequent commercialization will result in positive societal impacts for Ontario including impacts on low income/vulnerable communities, First Nations and Metis communities, behavioural insights, health and other social impacts.

Options:

A: Successful completion of the Project and subsequent commercialization of the demonstrated solution(s) will likely lead to few if any long term positive societal impacts for Ontario
B: Successful completion of the Project and and subsequent commercialization of the demonstrated solution(s) will likely lead to some small long term positive societal impact for Ontario
C: Successful completion of the Project and and subsequent commercialization of the demonstrated solution(s) will likely lead to at least one significant long term positive societal impact for Ontario
D: Successful completion of the Project and and subsequent commercialization of the demonstrated solution(s) will likely lead to major and enduring long term positive societal impacts for Ontario

Your score and comments:

D4.2 Stakeholder Impacts

It is expected that Projects and subsequent commercialization will result in positive stakeholder impacts and positive returns on their investment in the Project and subsequent commercialization.

Options:

A: Successful completion of the Project and subsequent commercialization of the demonstrated solution(s) will likely lead to few if any long term positive stakeholder impacts and negligible or negative returns on investment
B: Successful completion of the Project and subsequent commercialization of the demonstrated solution(s) will likely lead to some small long term positive stakeholder impacts and modest returns on investment
C: Successful completion of the Project and subsequent commercialization of the demonstrated solution(s) will likely lead to at least one significant long term positive stakeholder impact and a reasonable return on investment
D: Successful completion of the Project and subsequent commercialization of the demonstrated solution(s) will likely lead to major and enduring long term positive stakeholder impacts and significant returns on investment

Your score and comments:

D5: Economic impacts

D5.1 Economic Impacts

It is expected that Projects and subsequent commercialization will result in economic benefits for Ontario such as: Creation of sustainable jobs, support for increased export sales, enhancement of Ontario's image as a leader in GHG technologies and their application, and attraction of business investment to Ontario.

Options:

A: Successful completion of the Project and subsequent commercialization of the demonstrated solution(s) will likely lead to few if any long term economic benefits for Ontario
B: Successful completion of the Project and subsequent commercialization of the demonstrated solution(s) will likely lead to some small long term economic benefits for Ontario
C: Successful completion of the Project and subsequent commercialization of the demonstrated solution(s) will likely lead to at least one significant long term economic benefit for Ontario
D: Successful completion of the Project and subsequent commercialization of the demonstrated solution(s) will likely lead to major and enduring long term economic benefits for Ontario

Your score and comments:

D5.2 Employment Impacts

It is expected that Projects and subsequent commercialization will have a positive impact on employment in Ontario.

Options:

A: Successful completion of the Project and subsequent commercialization of the demonstrated solution(s) will likely lead to few if any long term positive employment impacts
B: Successful completion of the Project and subsequent commercialization of the demonstrated solution(s) will likely lead to some small long term positive employment impacts
C: Successful completion of the Project and subsequent commercialization of the demonstrated solution(s) will likely lead to significant long term positive employment impacts
D: Successful completion of the Project and subsequent commercialization of the demonstrated solution(s) will likely lead to major and enduring long term positive employment impacts

Your score and comments:

The following is the text of certification statements that must be agreed to as part of the final submission process.

Certification and Other Information

By submitting this Proposal, the Applicant certifies as follows:

- That the Applicant has read, understands, and acknowledges the instructions and the clauses and conditions contained in all parts of the EOI solicitation;
- That he or she is an authorized signing officer of the Applicant and has authority to submit this EOI on behalf of the Applicant and to act as the lead contact for purposes of this EOI;
- That all the information he or she has given in this EOI Submission is true and complete;

Click the "agree" button below to signify your certification of the above statements.