

1.1 Lead Organization Profile

Legal Name of Organization: test2010A
Short Name of Organization: test2010A
Sector of Organization: Private - Privately Held

Address of Organization

Street/Unit/Lot No: 999
Street Name: test
City: test
Province/State: Manitoba
Postal/ZIP Code: K9K 9K9
Country: Canada
Organization URL:

Postal Address

PO Box:
City:
Province/State:
Postal/Zip Code:

Only if the Sector of Organization is Private (Privately Held or Publicly Traded), specify the following Information:

Head Office Located in Canada: Manitoba
Legal Status: Incorporated
Date of Incorporation: 09/02/2010
In Business Since: 09/02/2010

Ownership/Major Share Holder: test

Whole Company or Division of: test

ONLY if the Sector of Organization is Public (Government or Institutions), specify the following information:

Level of Government:

1.2 Lead Organization Contacts List

First Name	Last Name	Title/Position	Email
test2010A	test2010A	---	test2010A@sdtc.ca

1.3 Project Information

Instructions

Please provide a short name, the anticipated start and end dates, and the demonstration site location for the project. You must also accept the No Contingency Fee clause as well as the Funding Process and Funding Timeline Acknowledgement in order to proceed with the reminder of the on-line SOI application form.

NOTE: The start date of the project for which funding is requested cannot be prior to the Board approval date. The end date of the project cannot exceed 5 years from the start date.

Project name (short name): test2010A

Anticipated Start Date:

Anticipated End Date:

Demo Site Location - Province:

Demo Site Location - City

Previous SOI Number (if applicable):

No Contingency Fees:

Applicants for SDTC funding shall not pay, or agree to pay, either directly or indirectly, any contingency fees for the solicitation, negotiation, or obtaining of SDTC funding, to any person including a broker, consultant or advisor. "Contingency fee" means any payment or other compensation that is contingent upon or is calculated upon the basis of a degree of success in soliciting or obtaining SDTC funding. It is SDTC policy that any applications or proposals that involve the payment of a contingency fee will be rejected.

The applicant agrees to have read, understood and to abide by the obligations and requirements relating to the No Contingency Fees clause above.

Funding Process and Funding Timelines Acknowledgement:

The applicants agrees to have read and acknowledged the SDTC's funding process and timelines as stated in the Lead Organization Profile Instructions and on the SDTC website.

**The Board approval date for this current round (Round 17) is: 24/11/2010.
La date d'approbation par le Conseil d'Administration pour le cycle actuel (Round 17) est le: 24/11/2010.**

1.4 Business and Project Description

Note: System times out after 20 minutes of inactivity; save work often to avoid losing content.

Caution: If you navigate away from this page without saving you will lose your data.

a) Provide a brief description of your business including an overview of any commercially available products or services and markets you currently serve. If this is a new business or joint venture for the purpose of carrying out this project, indicate as such (max. 1000 characters including punctuation and spaces):

b) Provide a brief description of the proposed project and the technology innovation (max. 1000 characters including punctuation and spaces):

c) List the objectives and expected outcomes of the project (max. 500 characters including punctuation and spaces):

d) List any additional locations of the project (max. 500 characters including punctuation and spaces):

1.5 Executive Summary

Note: System times out after 20 minutes of inactivity; save work often to avoid losing content.

Caution: If you navigate away from this page without saving you will lose your data.

Describe your technology, the sector your technology will apply to, how this technology and consortia will meet SDTC's mandate, the impacts the technology will have on climate change, clean air, clean soil and/or clean water.

Describe your team, the contribution by each team member, the requirements for additional funds and how SDTC contribution would be utilized to advance this technology to successful commercialization.

You may also highlight your main competitors (who are they, and why you believe your approach is superior), the range of potential market applications, the customer need you are meeting, the size of this need, and why it is essential that you fulfill this need now (max 6000 characters including punctuation and spaces).

2.1 Designated and Other Contacts

Name	Type/Role	Organization	Email
This list contains no items			

2.2 Project Partners

Organization	Sector of Organization	Relationship Status	Relationship Type	Roles in the Project	Description
This list contains no items					

2.4 Project Team Structure

First Name	Last Name	Organization	Role within the project
This list contains no items			

2.5 Missing Partners/Capabilities

Missing Role(s) in this project	Organization Description:	Description of missing role / responsibility in project
This list contains no items		

3.1 Funding Sources

Funding Source	Contributor	Status	Funding Amount	Funding Type
SDTC Program Funding	---	---	---	---

3.2 Budget Summary

Instructions:

This section displays information on the financial aspect to your application as entered in the previous section (Funding Sources). The numbers below will be used to validate your breakdown.

IMPORTANT NOTE: There will be warning and error messages displayed in the Submission Summary section and you will be prevented from submitting this application until the funding contributions respects the SDTC guidelines.

For more information on the SDTC funding guidelines, please refer to the user guide.

Note: Information shown below is Read Only.

	Amount (\$ Cdn)	Percentage (%)
SDTC Funding for Eligible Expenses:	\$0.00	0.0
Consortium Funding for Eligible Expenses:	\$0.00	0.0
Government Funding for Eligible Expenses:	\$0.00	0.0
Total Funding for Eligible Expenses:	\$0.00	0.0
Total Funding for Non-Eligible Expenses:	\$0.00	
Total Project Funding	\$0.00	

3.3 Use of Funds Breakdown

a) What is the period over which funding from SDTC will be used?
Note: The period of SDTC funding cannot exceed 5 years and should correspond to section 1.3 Project start and end dates.

Years (whole integer only):

b) Provide a brief description and breakdown of the uses of an SDTC contribution (max 1500 characters):

4.1 Technology Category

Instructions:

Using the technology categories provided in the list below, identify the most applicable technology code.

Note: generally speaking the first and second digit of this code identifies a broad technology category and the third digit of this code identifies an application, sub-categorization, or a specialization within that category. Using "0" as a third digit indicates that your technology fits within the broad category but not clearly within the sub-categorization built into this coding system. Please review your options and be as specific as possible.

What is the primary technology used in your project?

What secondary technology (if applicable) is used in your project?

4.2 Technical Description

Note: System times out after 20 minutes of inactivity; save work often to avoid losing content.

Caution: If you navigate away from this page without saving you will lose your data.

Provide the name of the technology, distinguishing between generic name and branded name as appropriate. Describe in detail how the proposed technology innovation works; be sure to include important technical operating parameters.

Explain how the technology innovation is different than the incumbent technologies, and where possible, provide specific comparisons and quantify performance improvements (i.e. X% faster processing time, Y% reduction in energy consumption, Z% emission reduction). If applicable, explain the mass and energy balances of the overall system (max. 3000 characters -including punctuation and spaces):

Note: You may upload up to two (2) files containing schematics, process flow diagrams or images to further illustrate the process or technology under "Part 7: Attachments".

4.3 Technology Application

Note: System times out after 20 minutes of inactivity; save work often to avoid losing content.

Caution: If you navigate away from this page without saving you will lose your data.

Explain the primary application of the technology under the proposed SDTC project, the target market, the target customer type, and what end-user need your technology addresses.

Also describe the anticipated economics of the proposed technology (i.e. processing costs, value of end products) and how this compares to incumbent technologies or processes that will be replaced. You may also highlight any future market applications that are beyond the scope of the proposed SDTC project (max. 1500 characters including punctuation and spaces):

4.4 Technology Development History

Note: System times out after 20 minutes of inactivity; save work often to avoid losing content.

Caution: If you navigate away from this page without saving you will lose your data.

Provide a brief history of the major technology development achievements and who has funded the progress to date (max. 3000 characters including punctuation and spaces):

4.5 Current State of Technical Development

Note: System times out after 20 minutes of inactivity; save work often to avoid losing content.

Caution: If you navigate away from this page without saving you will lose your data.

a) At present (prior to the execution of this project), at what stage of development is your technology:

b) Describe the current state of the technology.

Be sure to include the current scale (i.e. concept stage, bench scale, 1/100th scale), if the process is operating on a batch or continuous basis (if applicable), the control parameters and high level performance results (max. 1000 characters):

Note: The funding for the project cannot start prior to the Board Approval date (24/11/2010).

Le placement pour le projet ne peut pas commencer avant la date d'approbation du Conseil d'Administration (24/11/2010).

c) Describe the projected state of the technology at the beginning of the proposed SDTC project (keep in mind that the funding for the project cannot start prior to the Board Approval date shown above).

Include the projected scale of the technology (i.e. 1/10th scale), if the process will be operating on a batch or continuous basis (if applicable), the control parameters and what the measures of success are. If there is no change from the current state described above indicate 'no change' (max. 1000 characters including punctuation and spaces):

d) Describe the projected state of the technology at the completion of the proposed SDTC project.

Include the proposed scale of the technology (i.e. 1/2 scale, full scale, etc.), if the process will be operating on a batch or continuous basis (if applicable), the control parameters and what the measures of success are (max. 1000 characters):

4.6 Technical Barriers

Note: System times out after 20 minutes of inactivity; save work often to avoid losing content.

Caution: If you navigate away from this page without saving you will lose your data.

Identify what TECHNICAL barriers to implementation are associated with your technology/approach and how the proposed project will address and/or overcome these technical barriers. Do not include market barriers as these should be entered into 5.2 Market Barriers (max. 3000 characters including punctuation and spaces):

4.7 Activities to be Undertaken

Instructions

The following question helps SDTC determine your project's technical feasibility.

Select the proposed activities to be undertaken during the period for which SDTC funding is required. It is not expected that all of these stages will be covered in one project.

Note that multiple activities can be selected. To add to the Selected Activities, click one or many items (using the Ctrl key) in the Available Activities box and then click Add. To remove from the Selected Activities, click one or many items from the Selected Activities box and then click Remove.

Note: System times out after 20 minutes of inactivity; save work often to avoid losing content.

Caution: If you navigate away from this page without saving you will lose your data.

a) Select the proposed activities to be undertaken during the period for which SDTC funding is required.

Note: It is not expected that all of these stages will be covered in one project.

b) Clearly describe in point form all of the major phases and milestones to be included under the proposed SDTC project.

Identify which consortium members are participating in each major activity and in what capacity. If there is more than one phase under the proposed SDTC project, identify any relevant go-no-go decision points and criteria.

Note that SDTC projects cannot exceed 5 years in length (max. 3000 characters):

4.8 Intellectual Property

Intellectual Property	Agreement in place	Status
This list contains no items		

4.9 Existing and Incremental Intellectual Property

Instructions

SDTC would like to understand that the development of new IP will not become a future barrier to the expeditious dissemination of this technology. Therefore, if there is any incremental IP as a result of this project being funded by SDTC, please use this section to discuss the consortium's proposed IP strategy.

Note: System times out after 20 minutes of inactivity; save work often to avoid losing content.

Caution: If you navigate away from this page without saving you will lose your data.

a) Identify who owns the existing intellectual property/technology rights within your consortium and the nature of that ownership (max. 1500 characters including punctuation and spaces):

b) What incremental IP will be created as a result of the work for which funding is being sought? (max. 1500 characters including punctuation and spaces):

c) Describe any agreement(s) for ownership and dissemination of any new IP created as a result of this proposed project (max. 1500 characters including punctuation and spaces):

d) If you do not own the IP, briefly describe your IP strategy going forward (max. 1500 characters including punctuation and spaces):

5.1 Market Planning

Instructions

Provide the following information about the state of business and/or market planning.

Note that multiple states of business and/or market planning can be selected. To add to the Selected Choices, click one or many items (using the Ctrl key) in the Choose all that apply box and then click Add. To remove from the Selected Choices, click one or many items from the Selected Choices box and then click Remove.

Note: System times out after 20 minutes of inactivity; save work often to avoid losing content.

Caution: If you navigate away from this page without saving you will lose your data.

a) Select from the list below what best describes the state of business and/or market planning.

b) Discuss the consortium's intended market approach for future commercialization including the general marketing platform and any relevant distribution channels or alliances required for success (max. 3000 characters including punctuation and spaces):

5.2 Market Barriers

Note: System times out after 20 minutes of inactivity; save work often to avoid losing content.

Caution: If you navigate away from this page without saving you will lose your data.

Describe the most critical MARKET barriers for the commercialization of your technology and how the proposed SDTC project will overcome them.

Examples of barriers are: policy or regulatory constraints, significant capital or operating cost, awareness in the marketplace, skills training, assessment of cost, as well as current industry accepted practices. Do not include technical barriers as these should be entered into section 4.6 Technical Barriers.

Most Critical (max. 1500 characters):

Second (max. 1500 characters including punctuation and spaces):

Third (max. 1500 characters including punctuation and spaces):

Other Barriers (max. 1500 characters including punctuation and spaces):

5.3 Competition

Note: System times out after 20 minutes of inactivity; save work often to avoid losing content.

Caution: If you navigate away from this page without saving you will lose your data.

What companies, technologies, and alternative methodologies or approaches represent your main competition and what is your sustainable competitive advantage? If you have a superior value proposition, please describe it here (max. 3000 characters including punctuation and spaces):

5.4 Timeframe

From the end of the SDTC Project, what is the anticipated timeframe to achieve initial sales?

6.1 Economic Sector - Impact

Instructions

Identify the most appropriate sector that your technology will impact during the project and subsequent rollout. The code you will identify follows standard NAICS (North American Industry Classification System) convention. You will be required to provide a four digit NAICS.

The first two digits represent the main categories which are as follows:

- 11 Agriculture, Forestry, Fishing and Hunting
- 21 Mining and Oil and Gas Extraction
- 22 Utilities
- 23 Construction
- 31-33 Manufacturing
- 41 Wholesale Trade
- 44-45 Retail Trade
- 48-49 Transportation and Warehousing
- 51 Information and Culture Industries
- 52 Finance and Insurance
- 53 Real Estate and Rental and Leasing
- 54 Professional, Scientific and Technical Services
- 55 Management of Companies and Enterprises
- 56 Administrative and Support, Waste Management and Remediation Services
- 61 Educational Services
- 62 Health Care and Social Assistance
- 71 Arts, Entertainment and Recreation
- 72 Accommodation and Food Services
- 81 Other Services (except Public Administration)
- 91 Public Administration

The superscript symbols at the end of NAICS class titles used to signify comparability are:

- CAN Canadian industry only
- MEX Canadian and Mexican industries are comparable
- US Canadian and United States industries are comparable
- [Blank] [No superscript symbol] Canadian, Mexican and United States industries are comparable.

a) Select the NAICS (North American Industry Classification System) sector for your project.

Refer to the instructions for further clarification on NAICS convention.

b) Select the NAICS sector for the initial market rollout.

Where more than one initial market exists, choose the largest or most relevant.

c) If your project is primarily Energy Efficiency, Clean Soil or Water, please indicate the sub-sector.

6.2 Impacts

Are you developing an Enabling Technology?

e.g. Monitoring Device, Control System, etc.

Select the main environmental impact for your project:

Select all environmental co-benefits for your project:

If the project involves a Federal contaminated site, specify the CCME National Classification System Class for Contaminated Site

Current class for site:

Estimated class at project completion:

Select other impacts applicable for your project:

6.3 Assumptions for Environmental Impacts

Please refer to the Section 6.2 Impacts in the User Guide before proceeding further. In Part 7 of this on-line application you will have to provide the completed Environmental Impacts Table (Excel workbook) as an attachment.

Click here for information and link to Download.

Cliquez sur ici pour information et le lien pour télécharger.

Please see the User Guide for complete description and instructions.

6.4 Sustainable Development Focus

Environmental Category	Method	Area of Influence
This list contains no items		

6.5 Meeting SDTC's Goals

NOTE: System times out after 20 minutes of inactivity; save work often to avoid losing content.

Caution: If you navigate away from this page without saving you will lose your data.

a) From the list below, select the sustainable development benefits that the technology has the potential to deliver:

b) Explain your selection and list any additional benefits to Canada not identified above (max. 3000 characters including punctuation and spaces):

6.6 Scope of Benefits

a) Where will your technology/application be rolled out initially?

b) Where will most of the emission reductions or environmental benefits occur after successful implementation?

8.1 Survey

How did you hear about SDTC?