

## Sustainable Agri-Processing Program Application Worksheet for Input, Water, and Waste Use Efficiency

# **Applicant Information:** Enter contact information for the Business or Organization and the primary contact person

Legal Name	of Business or	Organization
0		0

Last Name		First Name
Primary Phone Number		
Primary Email		

**Project Title:** Provide a clear, descriptive title for the proposed project. (*max. 250 characters*)

## **Project Summary:** Provide a short overview of the proposed project. *(max. 500 characters)*





Demographic Information: Select all t	hat apply. At least one box must be checked.
	Indigenous People
Select any of the following groups who will directly benefit from the project's activities.	First Nations
directly benefit from the project's activities.	Métis
Your response is for information purposes	🗌 Inuit
only and will not affect the assessment of the	Unknown
application.	Women
	Youth (under 40)
	Not applicable
	Decline to identify

Business or Organization Overview						
How many full time	employees do you have?					
How many part time	employees do you have?					
In what geographica	al jurisdictions do you currently sell your products? (select all that apply)					
Manitoba	Canada   Internationally   I do not currently sell my products					
If internationally was	s selected, please identify the top five countries or regions (by sales):					
ltem	Country or Region					
1.						
2.						
3.						
4.						
5.						
Describe the produc	et/s that you currently produce or distribute. (max. 500 characters)					

Identify all Manitoba and/or Canadian agricultural inputs that your business or organization uses significant volumes of in their product(s) per year. In column A identify all significant agricultural inputs; column B identify what province or territory the input is sourced; column C, identify the volume/weight/quantity of the input used per year; column D indicate the unit of measure for each input; and column E identify the cost to purchase each input per year.

Name of Agricultural Source Input (B) (A)			Volume Per Year (C)	Unit of Mea (D)	sure Co	Cost per Year (E)	
Select One							
Select One							
Select One		t One					
	Select One						
Select One		t One					
Indicate the num	Indicate the number of customers you CURRENTLY <b>directly</b> sell to for each customer type.						
-		Agri-food Processors	Agri-product Processors	Wholesale Distributors	Retail Stores	Restaurants/ Other	
Current number customers you DIRECTLY sell							

## Funding Stream – Select one

Input Use Efficiency

Water Use Efficiency

Waste Use Efficiency

### **Project Information**

Describe the main issue that the project is intending to solve or describe what business opportunity is being explored? (E.g., this project will first study the feasibility and cost benefit of implementing a company-scale wastewater purification system. If implemented, the system will remove fats, oils, grease, and other suspended solids from the company's wastewater with the goal of achieving clarification of at least 90%.) (max. 1,000 characters)

Explain how the issue will be solved or business opportunity explored. (max. 1,500 characters)

Explain any secondary issues directly related to this project that will result and will need to be addressed that stem from solving the main issue or pursuing the main business opportunity. (E.g., Removal of suspended solids from wastewater will require us to process and/or dispose of resulting biosolids. Analyses will be conducted to determine biosolids characteristics to inform potential opportunities for disposal.) (max. 1,500 characters)

If you are you working with or plan on working with any service providers, agencies, consultants or other individuals to complete your project, identify who you are working with and what their role and responsibilities will be in assisting you in completing your project. *(max. 1,000 characters)* 

### **Project Outcomes, Milestones, Deliverables and Environmental Metrics**

**Expected Project Outcomes**: indicate up to three expected project outcomes. (E.g., implementation of a DAF wastewater purification system is expected to result in the removal of 33,000 kg of suspended solids per year.) *(max. 500 characters for each outcome)* 

ltem	Description
A.	
В.	
C.	

**Project Milestones:** Indicate when significant milestones will be achieved (such as purchase of equipment, installation of equipment, etc.)

Milestone	Estimated Completion Date	Description
1.		
2.		
3.		
4.		

	<b>ect Deliverables:</b> complete the below tables for each new technology, product and process <i>v</i> ill be implemented as part of this project.
New	Technologies: List up to three <u>new technologies</u> that will be implemented as a result of this
	ct (e.g., anaerobic digester with capacity to process 5,000 kg of material per day with moisture
conte Item	nt up to 65%.) Description
A.	
В.	
C.	

projec	<b>Products</b> : List up to three <u>new products</u> that will be developed/launched as a result of this ct. (E.g., Culled potatoes will be processed to a concentrated starch paste which we plan to et to soup manufacturers.)
Item	Description
А.	
B.	
C.	

Dispo	New Processes: List up to three <u>new processes</u> that will be implemented due to this project. (E.g., Disposal of culled potatoes will transform from shipping these to local farmers for use as feed to a process of dicing, mashing, clarifying, and packaging the slurry for sale to food processors.)				
ltem	Description				
A.					
B.					
C.					

<b>Project Deliverables – Staffing:</b> Indicate the number of new/incremental employees that will be added as a result of this project					
	Item	Count			
Upon Project Completion	on				
Three Years After Com	pletion (estimate)				
Do you plan to upgrade	Do you plan to upgrade the technical skills of any existing employees as a result of this project?				
NO	YES, how many employees will this affect				
completion, how many	nployees you may plan to hire <b>upon project</b> y of these new hires will require incremental ate any new machinery or systems being				

#### **Environmental Metrics**

This section of the form collects project information.

- This information is required for the application assessment process.
- If your application is successful:
  - You will also need to confirm this information upon project completion and prior to project payment.
  - We understand that the proposed project (this application worksheet) and the actual project may vary due to unforeseen circumstances. You will not be penalized for variation between the projections in this application and actual project outcomes; however you are required to request approval from Manitoba for major project changes prior to executing those changes.
- Please complete only the environmental metric table below that is associated with the Funding Stream that was identified on page 3.

Input Use Efficiency						
Agriculture Input	(A) Annual Volume	(B) Annual Volume Lost or Wasted	(C) Unit of Measure (for Columns A and B)	(D) Annual Current Loss Ratio (Column B ÷ Column A)	(E) Where is Loss Occurring	(F) Estimated Loss Ratio After Project Completion
Example: Beans	10,000	1,200	kg	12%	During milling	6%

Note

 For Column (B) - Annual Volume Lost or Wasted, if you don't have an actual weight you can leave column (B) blank and enter an estimated loss ratio/percentage in column (D).

#### Water Use Efficiency Water Reduction Estimated Annual Annual Volume of Volume of Water Used Where is Water Used How is Water Used Water Used (in (in litres) After Project litres) Completion 2,000 Example: Food Processing Sanitation 4,000 Waste Water Effluent/Solids/Nutrient Removal Estimated Annual Mass Annual Volume of of Materials Removed Where is Water Used Water This Process What is Being Removed (in kg) Upon Project Affects (in litres) Completion Example: Food Processing Solids 24.000 5.000

## Waste Use Efficiency

## Waste Efficiency – Convert Waste/Co-/By-Product to Value Added

## Example

Example				
	Waste Stream Description		Method of Disposal	
Current Situation	Culled potatoes under 1 inch in diameter		Sell to cattle producers within a 6km radius, approx. 6 loads/trips per year	
	Annual Volume	20,000	Unit of Measure	kg
Planned Transformation Method	Mince and then crush potatoes that are under 1 inch in diameter into a paste Sell the paste to food processors which is to be used as an ingredient in soup			
Planned Method of Disposal				

Waste Efficiency					
	Waste Stream Description		Method of Disposal		
Current Situation					
	Annual Volume		Unit of Measure		
Planned Transformation Method					
Planned Method of Disposal					

## Waste Use Efficiency

## Waste Efficiency - Waste Converted to Energy

#### Example

Example				
	Waste Stream Description		Method of Disposal	
Current Situation	Manure generated from livestock (cattle)		Liquefaction of solids and then spread across 200 acres of farm land	
	Annual Volume	10,000	Unit of Measure	kg
Planned Transformation Method	Process manure through the use of an anaerobic digestor			
Annual Forecast of Energy Generated (in KWh)	2,000			
Other Savings From Project	The use of an anaerobic digestor will no longer require a high volume of water to liquify manure waste, estimated savings of 10,000 litres of water per year.			

Waste Conversion				
	Waste Stream Description		Method of Disposal	
Current Situation				
	Annual Volume		Unit of Measure	
Planned Transformation Method				
Annual Forecast of Energy Generated (in KWh)				
Other Savings From Project				

Project Timeline and Budget				
Timeline				
<b>Estimated Start Date</b> (earliest start date April 1, 2025)	<b>Estimated End Date</b> (latest end date February 1, 2027)	<b>Duration</b> (in months)		

## Budget

The budget information will be entered into a separate excel document titled "**Program Budget Template – SAP – Use Efficiency**". Once complete, the excel document and this PDF Application Worksheet are to be submitted together via email to the Program Administrator.

#### **Privacy Notice and Declaration**

The Department of Agriculture ("Manitoba Agriculture") is collecting Applicant information, which may include personal information, under the authority of clause 36(1)(b) of The Freedom of Information and Protection of Privacy Act ("FIPPA") as the information relates directly to, and is necessary for, determining and verifying Applicant eligibility for programs administered under the Sustainable Canadian Agricultural Partnership ("Program").

Manitoba Agriculture is authorized to use information, which may include personal information, under the authority of clause 43(1)(a) of FIPPA, for the purpose of determining and verifying Applicant eligibility for the Program.

Manitoba Agriculture is authorized to disclose information to the Government of Canada, which may include personal information, under the authority of clauses 44(1)(i) and 44(1)(x.1) of FIPPA, in order to facilitate the monitoring and evaluation of a shared cost program or service.

All personal information collected by Manitoba Agriculture is protected under FIPPA. Personal information cannot be used or disclosed for any other purpose, unless consent is provided or the disclosure is authorized or required under FIPPA.

Should you have any questions about the collection, use or disclosure of personal information, contact the Access and Privacy Co-ordinator at 204-945-4823.

## This Declaration must be completed by a duly authorized representative of the Applicant.

#### Checking the boxes below indicates acceptance and is required.

The Applicant has read and understands the Program Guide and confirms that the Applicant meets all of the requirements of an eligible applicant.

The Applicant has read and understands the Program Terms and Conditions.

If the Applicant's funding request is approved, the Applicant agrees to comply with the Program Guide and the Program Terms and Conditions.

The Applicant represents and warrants that no Manitoba government employee holds a 50% or more ownership interest in the business or organization that is applying for funding.

The Applicant represents and warrants that no current or former member of the Legislative Assembly of Manitoba holds an ownership interest in the business or organization that is applying for funding.

The Applicant understands that if the Applicant's funding request is approved, that approval and payment of funding is subject to and conditional upon the Applicant signing a written funding agreement, satisfactory in form and content to Manitoba Agriculture.

The information provided in this Application Worksheet is complete, true, and accurate.

The Applicant confirms that the information provided in the Applicant Information Form: a) previously submitted under the Sustainable CAP Program; or b)submitted together with this Application Worksheet;
is complete, true and accurate.

Date Application Worksheet completed and submitted
(YYYY – MM – DD)

For more information, contact <u>agriculture@gov.mb.ca</u> or call 1-800-811-4411.

To save the form, please click on the SAVE button and save the form to	
your desktop (or anywhere else on your computer)	