

## Step 9: Project Details for Advanced Manufacturing and Technology for Primary Agri-Food Businesses (EMPT-OA-G)

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1. Select the activity/activities you will complete as part of the project (check all that apply):

Capital expenses directly related to new advanced manufacturing equipment, technology, robotics and software systems to increase automation for the purposes of labour productivity improvements

Capital expenses directly related to new advanced manufacturing equipment, technology, robotics and software systems to increase automation for the purposes of input efficiencies and waste reduction

Costs of input (ingredient or resources) and waste measurement, metering and monitoring equipment (permanent systems intended to be left in place), software and reporting systems

Costs associated with installation and configuration of eligible equipment, technology, robotics, and software.

Development of new or translation manufacturing policies, feedback systems, preventative maintenance procedures and standard operational procedures, such as processing standards (time, temperature, speed etc.); proactive, preventative maintenance routines; and employee scheduling systems

One-time costs associated with training key personnel on project-related new equipment, technology and software systems (e.g., train the trainer)

2. Confirm your application meets the following requirements:

Applicant is a Primary Agri-Food Business that handles agri-food products, and does not meet the program definition of a producer or a processor

Between 1 and 199 employees are located at the facility that this project supports

What number of employees are located at the facility? \_\_\_\_\_

3. Check all of the food products that are related to your project. If you are not sure what sector your food product falls into contact the OMAFRA at 1-877-424-1300 or [agpartnership.ontario.ca](http://agpartnership.ontario.ca)

Grain and Oil Seed Post-Harvest Handling

Fruit and Vegetable Post-Harvest Handling

Other, specify: \_\_\_\_\_

4. Describe how the project will address current deficiencies, opportunities, and/or risks according to the audit, assessment or productivity plan that you have completed:

**Full Name:** \_\_\_\_\_

5. Provide current and projected annual totals for all documented Key Performance Indicators that will be impacted by this project:

DOCUMENTED BASELINE KPI	CURRENT ANNUAL TOTAL	PROJECTED - ANNUAL TOTAL FOR 12-MONTH PERIOD FOLLOWING PROJECT COMPLETION
<b>Labour (cost)</b> In \$		
<b>Production output</b> In units per: <b>Choices:</b> Hour Day Month Year Other, specify:		
<b>Downtime</b> In hrs per day		
<b>Water use (volume)</b> In m3 (m-cubed)		
<b>Water use (cost)</b> In \$		
<b>Electricity use (volume)</b> In kW		
<b>Electricity use (cost)</b> In \$		
<b>Natural gas Use (volume)</b> In GJ		
<b>Natural gas use (cost)</b> In \$		
<b>Organic waste (volume)</b> In kgs		
<b>Organic waste disposal (cost)</b> In \$		
<b>Organic waste (volume, as % of inputs)</b> As%		
<b>Packaging waste (volume)</b> In kgs		
<b>Packaging waste Disposal (cost)</b> In \$		
<b>Packaging Waste (volume, as % of new packaging volume)</b> As %		

Full Name: \_\_\_\_\_

DOCUMENTED BASELINE KPI	CURRENT ANNUAL TOTAL	PROJECTED - ANNUAL TOTAL FOR 12-MONTH PERIOD FOLLOWING PROJECT COMPLETION
<b>Ingredient use</b> Indicate unit of measure: <b>Choices:</b> Lbs (pounds) g (grams) kg (kilograms) ml (millilitres) L (litres) metric ton Other, specify:		
<b>Wastewater (volume)</b> In m3 (m-cubed)		
<b>Wastewater disposal (cost)</b> In \$		
<b>Other:</b>  <b>Describe:</b>		

6. Complete the following table to show the business results you are expecting from the project:

BUSINESS IMPACTS	ANTICIPATED IMPROVEMENTS AT PROJECT COMPLETION	PLEASE EXPLAIN AND QUANTIFY (I.E. DOLLAR VALUES, %, VOLUME)
Reduced identified risks	Yes No	
Job creation or retention	Yes No	
Value of increased sales revenue in international markets	Yes No	
Value of increased sales revenue in Canada	Yes No	
Increased profitability	Yes No	
Gain competitive advantage for markets	Yes No	
Technical skills development and improved performance of personnel	Yes No	
Other business impacts:	Yes No	

**Full Name:** \_\_\_\_\_

7. What is the total investment that your business will make to implement this project (including but not limited to the eligible costs of this application): \$ \_\_\_\_\_

8. Describe and provide substantiation how your project is leading edge, advanced manufacturing equipment, technology, robotics and software systems that increases automation and labour productivity.

<b>EQUIPMENT/ TECHNOLOGY</b> <small>(List each equipment/technology requested for funding)</small>	<b>IMPACT ON LABOUR PRODUCTIVITY</b> <small>(Description should consider quantified labour productivity, input efficiency and waste reduction impact for the specific equipment and how it is necessary for the project)</small>	<b>ADVANCED MANUFACTURING/ TECHNOLOGY DESCRIPTION</b> <small>(Details should include how the specific equipment is considered automated, advanced manufacturing equipment, and/or robotic)</small>	<b>LEADING EDGE DESCRIPTION</b> <small>(Details should include how the specific equipment is considered leading edge, and how the technology is not widely adopted by the Ontario agri-food industry)</small>
Add additional pages, if necessary			

9. Do you plan on communicating your project results with the Ontario food and beverage industry or within your businesses sector? If so, please provide your communication plan.

**Full Name:** \_\_\_\_\_

10. Secondary benefits for assurance systems (check all that apply):

Does your project help incent public trust that you are implementing practices that result in healthy, humanely treated animals and ultimately, safe food?

Does your project help improve animal health and in doing so lower the risk of spread or introduction of disease?

Does your project help your business to improve your food safety and/or traceability program?

Does your project expand or maintain market access for your product(s) by improving your food safety or traceability system?

Describe the benefit(s) you have selected:

11. Secondary benefits for the environment (check all that apply):

Does your project help your business reduce wastes?

Does your project help preserve or improve water quality and or quantity?

Does your project help reduce your business' carbon footprint?

Describe the benefit(s) you have selected:

**Full Name:** \_\_\_\_\_