FOOD FROM THOUGHT

2020-22 Digital Agriculture Research Fund
Proposal Form

Please refer to the Call for Proposals document for additional instructions.
<u>Page limits will be strictly enforced</u>. Any additional text beyond the limits in individual sections will be removed and will not be reviewed. Please use 10 pt Arial.

1. PROJECT INFORMATION

Project Title:	

Project Start Date: (no earlier than April 1, 2020)		Project End Date: (no later than Mar. 31, 2022)	

Project Keywords: (Provide up to 10)	

Principal Investigator Information:	
Name:	
Department & College:	
Email address:	
Phone extension:	

Project Funding:			
Funding Source	Year 1	Year 2	Total
Food from Thought			
Partners			

Partner Contributions Summary: Provide the total amounts of project partner cash and in-kind contributions from all eligible sources. The totals must match those included in the Budget Template. Signed letters of support from partner organizations <u>must</u> be submitted for all cash and in-kind contributions listed.

Partner Names	Total Partner Cash	Total Partner In-Kind	Confirmed (Y/N)

Plain Language Project Abstract:

The abstract will be used to support initial communications on your project. As such, please use plain language and focus on objectives and potential outcomes that may result from this research.

Team Member Table: List all team members (e.g., Co-investigator, Collaborator, HQP (MSc, PhD, Postdoc, Undergraduate), Research Technician/Associate/Project Manager, etc).			
Name	**Affiliation**	**Role**	**Description of role in project**

Team Member Table Continued on next page

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List all team members (e.g., Co-investigator, Collaborator, HQP (MSc, PhD, Postdoc, Undergraduate), Research Technician/Associate/Project Manager, etc).

Name	Affiliation	Role	Description of role in project

2. PROGRESS UPDATE

If this project is a continuation of research previously funded by Food from Thought, please provide a description of the progress and results of the research achieved to date, and how this new funding will build on that work. Please ensure that your update refers to the original objectives you set for the project in your initial workplan. Use only the space provided.

3. PROPOSED PROJECT OBJECTIVES

Main Project Objective(s):
In the space provided, briefly describe the main research objective(s) of your proposed project. Please ensure that the project objective(s) clearly fit within one or more of the three priority focus areas outlined in the Call for Proposals.

Objective #	Activities	Milestone	Projected Date Achieved	Outputs/Deliverables (if applicable)

Milestones and Deliverables:

4. PROBLEM STATEMENT AND BACKGROUND

Clearly state the core problem that your proposed research project will address, including a concise description of why the proposed research is needed and has the potential to lead to transformative change. How does the research being proposed relate to other work in this area? If this project is part of a larger research program being funded from other sources, how will Food from Thought funding create unique value and outcomes that would otherwise not be achieved.
Use only the space provided (references to be included in the References section).

5. RESEARCH METHODS

Provide a description of the research methods you plan to use in the proposed project.
Use only the space provided.

6. EXPERTISE AND STRENGTH OF THE RESEARCH TEAM

Describe the expertise of the proposed research team, and how it is best suited to achieve the proposed outcomes of the project in the highest standards of research excellence, knowledge mobilization, and HQP training. Use only the space provided.

7. EQUITY, DIVERSITY AND INCLUSIVITY (EDI)

Describe how the team will work to apply the equity, diversity, and inclusivity goals and targets of the Food from Thought Program. Plans should include how EDI best practices will be applied to the projects, and reflected in the project's team, HQP recruitment, knowledge dissemination, and knowledge mobilization. Use only the space provided.

8. KNOWLEDGE MOBILIZATION PLAN

Food from Thought is committed to advancing research while also generating and sharing knowledge that is valuable to non-academic audiences across the agri-food system. Please identify the academic and non-academic audiences for your research, describe how they'll benefit from your work and the tactics your team will use to engage each audience or share information. List activities and outputs with timelines for each audience.

Examples of KMb Activities: publications, presentations at scientific conferences, presentations to stakeholders, outreach events or workshops, popular press articles, social media, extension activities, etc.

User Audience	Benefit to User Audience	KMb Activity details	# of Activities	Timeline

9. ANTICIPATED OUTCOMES AND IMPACTS OF PROPOSED RESEARCH

Provide a list and description of the outcomes and impacts that could reasonably be expected from the project. These could be short-, medium-, and long-term outcomes (e.g., adoption of new technologies and practices by industry, changes in policy), and broader impacts on the sector, society, environment, and/or economy (e.g., improvements in human, animal or environmental health, improvements to productivity, resilience, etc). When do you anticipate these impacts will be achieved?

10. External Peer Reviewer Suggestions (between 5-10)

Name	Email	Affiliation

11. PERFORMANCE METRICS

Your work will contribute to some overall performance metrics for Food from Thought. Please use the chart below to provide your expected project results in each of the categories listed if applicable to your project.	

Scientific Productivity and Impact (source Google Scholar)	
Number of publications for core team members *per person per year* (principal investigator, co-investigator)	
Total citations to the team's work *per year*	

Mobilizing Knowledge to Benefit the Canadian Economy and Society	
Number of active research contracts / collaborations *each year*	
Value of research contracts / collaborations *each year*	
Number of patents filed	
Number of launched start ups	
Number of incubated projects	
Outreach events/workshops *per year* (events or meetings with research users)	
Adoption of research results through policies and practice	

Attracting and Producing HQP (Number of HQP working on the Food from Thought project – do not need to be funded by this grant)	
Number of MSc students each year	
Number of PhD students each year	
Number of PDF each year	
Number of Technical staff each year	
Number of Scientists each year	

Media Exposure Per Year	
Website hits (any website that includes Food from Thought content)	
Media Interviews	
YouTube Views	
Number of core team members tweeting regularly	

12. SIGNATURES

I hereby certify that I, and the Co-Investigators listed on this application, are eligible to hold Tri-Agency awards, and that I have read and understand the PI Responsibilities as set out in the Food from Thought *Digital Agriculture Research Fund Call for Proposals*.

PRINCIPAL INVESTIGATOR'S SIGNATURE: _____   Date: _____

DEPARTMENT CHAIR SIGNATURE (of PI): _____   Date: _____

13. REFERENCES

Include all references cited in the sections above in the space provided here.