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## **GROUNDBREAKERS CALL FOR PROPOSAL**

Lower capital processing for plant based protein ingredients

Submission Deadline: **September 30, 2022**

Groundbreakers has issued a Call for Proposal looking for innovations in the area of Plant Based Protein. To apply, please review the below brief and [submit your proposal online](#) by midnight on the submission deadline. All relevant documents and instruction, including a list of the Proposal Application questions, can be found all on the PBP grant page at

<https://www.theyieldlabinstitute.org/plant-based-protein-grant>.

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### **Section 1: Summary of Project**

A potential bottleneck in the widespread adoption of a plant-based protein ecosystem is the availability of small scale processing of emerging plant protein ingredients for innovators to create consumer products or for consumers to use directly. How could you use \$10K to prototype, model, or demonstrate a smaller scale method for turning raw crop into a ready to use plant based protein ingredient for rising and established food manufacturers?

### **Section 2: What Groundbreakers Stakeholders Hope to Learn**

1. What innovative processes or methods within existing processes could reduce the cost of processing plant based protein ingredients or products?
2. What innovative processes or methods could reduce the total capital and/or operating costs of a facility to make them easier to fund and build, thus increasing the capacity of the industry to move toward plant based?

### **Section 3: What Groundbreakers Stakeholders Will Do with the Knowledge**

1. Use all info submitted by applicants to choose an innovator to award the grant and project to
2. Share progress reports for selected applications with our funders and technical advisors
3. Support the innovator in writing a whitepaper or other deliverable on their findings from the project
4. Credit the innovator and publish summary results (and the white paper, if created) on the GroundBreakers website and via the GroundBreakers email list of corporates and innovators in Agrifood
5. Share the highlights of the innovator's findings on social media to help them build thought leadership and drive industry awareness and adoption of their innovation.

### **Section 4: Keywords/Key Concepts for this Proposal**

Plant based protein, protein meal, protein extraction and separation, plant protein isolates, plant protein concentrates, texturized proteins, non-texturized proteins

### **Section 5: Available Resources for Grant Winner**

1. Funding Amount - \$10,000 (USD), disbursed per Project Agreement
2. Equipment:
  - a. No equipment provided as part of this project
3. Expertise:
  - a. GroundBreakers Technical Advisors will provide up to 2 consultation calls on a plant based protein processing topic of the winning applicant's choice
  - b. GroundBreakers' Members (large established entities in the agrifood space) will provide consultation calls with the winning applicant on their perspectives on adopting new plant based protein processing, production, and/or manufacturing technologies.

### **Section 6: Target Applicant Profile**

An individual or startup with an innovative, smaller scale (lower capital), approach for processing raw crops or intermediary products into manufacturer-ready plant based protein ingredients for consumer products. These may be the core ingredient or functional or other ingredients that make plant based protein products more profitable, sustainable, or more attractive to consumers. This innovator may have a food science, agronomy, or engineering background, or be an entrepreneur in the space. The results of this project will be published to drive industry consideration and adoption, so the innovator's entity should not be in "stealth mode".

### **Section 7: Projected Timeline**

- Tuesday August 16 – Applications Open
- Wednesday September 21 – PBP Processing Innovation Session for potential applicants
- Friday September 30 – Applications close
- October 1-10 – Application scoring
- October 10-13 – potential Zoom interview with top scoring applicants
- October 18-31 – Grant winner selected, project begins, agreement signed, kick-off scheduled
- TBD – Grant winner announced
- December 15 – project completed and deliverables submitted (6 weeks after award)

### **Section 8: Project/Funding Agreement**

The project will be awarded using a standard GroundBreakers project agreement. It and all documents relevant to this Call for Proposal can be found on the PBP grant page at <https://www.theyieldlabinstitute.org/plant-based-protein-grant>. Please review them to make sure you understand what you will be committing to.