<p style="text-align:center">Seaweed Hub Virtual Workshop</p>
<p style="text-align:center">Post Harvest Opportunities and Infrastructure (PHOI) Workgroup Notes 02-03-2022</p>

Potential Applied Project Ideas

Market survey of seaweed processor buyers: where are they willing to buy seaweed from, what are they looking for (species, volume), what product forms, quantities, time of year?

- This list would be outdated quickly
- Create survey template
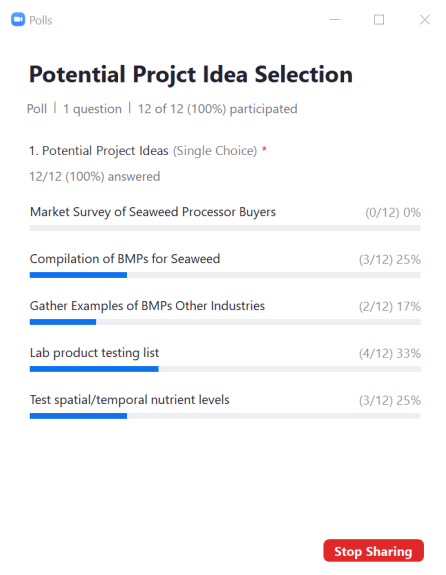- Survey species in various region, what is potentially feasible for farming

Best Practice: Compilation of BMPs: Product harvest, transport, stabilization. – choose one.

Case Study: Gather examples from other industries of BMPs e.g., agriculture, seafood, etc.

Use sticky pad to write New Ideas in this section:

- List of certifications/labels available for farms/processors to tap into
- List of lab for product testing
- Science – how do nutrient levels, heavy metal content change seasonally, different water bodies research protocol development

Polling Results (Applied Project Selection)

Applied Project Concept:

Target Audience

- List of lab for product testing
- With list: gather a team of who is starting to do this type of work, what has already been done, prep for larger proposal

- Combine the how, where, what and when
- Regulatory agencies and investors
- Farmers, researchers, processors, labs
- I have worked in other industry groups gathering information from various parties and putting into a database. We did not consider the format of the data from day one and it set us back months. Just a thought, I have to jump off. Thanks
- Are farmers willing to share?
- Data repository

Anticipated deliverables

- Standards
- List of key nutrients or compounds for testing and WHY they are important (food safety, marketing, etc.)
- Structure of the data and how it will be captured in the database in the future should be established as soon as possible
- Framework/template for nutritional data sharing model
- List of labs
- Guidelines for packing kelp for shipment or delivery to a lab
- Considerations for deciding when/how often to test
- Standards: nutritional, heavy metals, microbial. How often and when to determine levels of a final product that meets food safety guidelines
- Who is doing nutritional profiles?
- What is it that we are measuring for throughout the season

Staffing

- Web development costs likely outside the funding/scope, but something to keep in mind for the future – this kind of data needs an accessible but robust management system
- Entry-level researcher to compile list of labs
- POC in each participating state
- Extension can work with state industry members on questions like "what are you testing", "what data could this generate that would be most helpful"
- Tracking testing costs may also be important – potential future incentives to participate/contribute data?

Timeline/Interim Steps

- Also to identify gaps – where is there no testing currently happening?

Other issues

- Database storage and upkeep is expensive and time consuming

<u>Participants</u>

Melissa Good - Alaska Sea Grant
Antoinette Clemetson – NY Sea Grant
Jessie McCabe, The Crop Project
Mike Ciaramella NY Sea Grant
Kathryn Carovano, Saltwater Inc.
Anoushka Concepcion, CT Sea Grant
Sam Garwin, GreenWave
John Roach, interested individual. No organization
David Carey CT Department Agriculture
Gabe Lundgren, Massachusetts Division of Marine Fisheries
Casey Emmett, The Crop Project (processor)
Jaclyn Robidoux , Maine Sea Grant
Emma Forbes, New York Sea Grant
David Berg - Lazy Point Farms

Seaweed Hub Virtual Workshop
Post Harvest Opportunities and Infrastructure (PHOI) Workgroup
February 3, 2022
2:00 – 3:30 pm EST (11:00 am – 12:30 pm PST)

https://cornell.zoom.us/j/92648241538?pwd=ZXRUU3c4UFM 1cDd2d0JNMFZZb0ZqUT09

Meeting ID: 926 4824 1538   Passcode: 228390

Agenda

2:00 pm	**Welcome and Introductions**	*Use Zoom chat to introduce participants and create meeting registry*
2:05 pm	**Seaweed Hub Applied Project Funding**	*Anoushka Concepcion will provide an overview of applied project funds, restrictions, requirements, timeline, and provide an example of a project that is presently being supported*
2:30 pm	**Post Harvest Opportunities and Infrastructure (PHOI) Applied Project Recommendations - AC**	*Recap the list of challenges/opportunities that were generated at the fall meeting. Industry standards BMPs consideration:* *https://miro.com/app/board/uXjVOQKEMuU=/?invite_link_id=135643857617*
3:00 pm	**Identify PHOI Applied Project Topics (& Vote)**	*Participants use Miro Board to suggest topics and select one to request Applied Project support:* https://miro.com/app/board/uXjVORh2G8c=/?invite_link_id=485512086742
3:15 pm	**PHOI Applied Project Criteria**	*Participants asked to consider criteria for consideration in project development: e.g., regional/state, deliverables, target audience for information, personnel to hire, etc.*
3:25 pm	**Next Steps/Seaweed Hub Website Updates**	*Anoushka Concepcion highlights new information or activities under development. Melissa Good mentions new processing guide. Describe next steps to advance PHOI Applied Project.*
3:30 pm	***Conclusion***	