

# ALGAE INSIGHTS

The Newsletter of the Algae Biomass Organization

3rd Edition: March 2025



## 19<sup>th</sup> ALGAE BIOMASS SUMMIT

ARIZONA STATE UNIVERSITY *at* MEMORIAL UNION



tempe

• ARIZONA

| October • 19 • 21 • 2025

WWW.ALGAEBIOMASS.ORG

As we announced last month ([Press Release](#)), the ABO Summit 2025 will be held at Arizona State University Student Union in Tempe, Arizona on *October 19-21, 2025!* Mark your calendars!!

Our Summit Planning Committee has commenced working and we are pleased to announce that ***we will begin accepting ABSTRACTS and open early registration on April 1st.*** We will keep everyone posted on updates as we ramp up efforts to put on another awesome Summit.

**Other key updates:** ABO's government relations committee, the Executive Policy Committee, has been officially re-launched and has had several meetings. Under the leadership of Tiffany Cannis from Global Algae Innovations we have had multiple conversations with Representative Peters office about outreach to key congresspeople to serve on the re-launched, Algae Caucus and will be working to plan a D.C. fly. If you are interested in participating in this committee, please email me directly at [jkallen@algaebiomass.org](mailto:jkallen@algaebiomass.org).

-The 2025 ABO monthly Webinar Series is off and running. Each month we will hear from member companies, and organizations showcasing their projects, company updates and or technologies. See below for details on upcoming webinars.

-Membership invoices for 2025 were sent out in December. ABO is a member supported organization, and we need all members to promptly return their membership dues – thank you! If you have any questions or concerns, email me directly [jkallen@algaebiomass.org](mailto:jkallen@algaebiomass.org).

## ABO MEMBER SPOTLIGHT



### AlgaFilm Receives Investment to Scale-up its proprietary Algae-Based Wastewater Treatment Technology.

ABO Member AlgaFilm Technologies ([www.algafilm.com](http://www.algafilm.com)) recently closed on an investment led by Burnt Island Ventures to scale up its proprietary algae-based wastewater treatment technology for nutrient removal. The company plans to use this investment to progress its first field pilot at a Metro Vancouver wastewater treatment plant, which was installed in December 2024 and is due to be tested on primary and secondary effluent as well as the centrate from the sludge digestion system. This investment will also help AlgaFilm scale up its manufacturing capacity and to advance two commercial demonstration projects in 2025 in the municipal and agricultural sectors. [Congrats to the TEAM at AlgaFilm on this exciting news!](#)

## ABO MEMBER SPOTLIGHT







### BrightWave Lands Contract with Water Utility in the U.K. ABO

Bronze Member, BrightWave ([www.brightwavellc.com](http://www.brightwavellc.com)) landed a contract, valued at nearly \$3M U.S. to help a U.K. wastewater treatment plant boost its production of renewable fuel.

Founded in 2019, BrightWave has developed a photobioreactor technology to provide sustainable solutions in different sectors — including using material made from algae to replace limestone in Portland cement production and substitute synthetic to produce algae-based dyes used in MRIs.

BrightWave is sending eight of its industrial, 40,000-liter photobioreactors to Northumbrian Water Limited in northeast England through the port of Baltimore. BrightWave co-founders Tim Shaw and Ken Peretti met representatives from the wastewater treatment company at the 2023 EABAAlgaEurope conference in Prague. Congrats to BrightWave on this exciting company development!

Read more about this news here:

<https://technical.ly/startups/algae-sustainable-fuel-greentech-baltimore-brightwave/>

<https://smartwatermagazine.com/news/smart-water-magazine/northumbrian-water-begins-work-project-turn-waste-aviation-fuel>

<https://biofuelscentral.com/from-waste-to-wings-the-future-of-algae-based-aviation-fuel-work-has-started-on-a-world-first-project-which-will-see-poo-turned-into-fuel-for-aircraft/>



### Membership Dues are now Past Due

If you are a member, please make sure that your dues are current. All memberships renew in January. Please login to the portal below to get access to your account. Your 2025 invoice will be available once you login.

If you are new, membership in the Algae Biomass Organization gets you discounts on Summit registration and puts you at the forefront of efforts to develop new technologies and commercial markets for renewable and sustainable products derived from algae.

Membership in the Algae Biomass Organization is the best way to support a community that is committed to making algae and seaweed part of the world's sustainable future. Members can sign into the membership portal to keep involvement up to date. We continue to be introducing new affinity programs, discounts and more benefits available for members only.

**Become a MEMBER**

**Members ONLY Portal**



## ABO Webinar Series for 2025 Upcoming Programming

**Thursday, March 20, 2025 at 1:00 PM CST**

**Algal-bacterial biofilms**  
For the treatment of municipal  
wastewater and anaerobic digester centrate

Presented by:  
Dr. Daniel Johnson  
Algae Wheel by One Water

**REGISTER NOW**



**algaewheel**  
Exclusively from ONEwater

**Thursday, April 17, 2025 at 1:00 PM CDT**



**De-risking Indoor Cultivation at Scale**

Presented by:  
Tim Shaw  
BrightWave

**REGISTER NOW**

 **BrightWave**

**Year-at-a-Glance (Registration for the following webinars will open soon)**

May 15, 2025 (1:00pm CDT)

Maine Algae Research/Infrastructure project  
Presented by Mike Lomas at Bigelow

June 19, 2025 (1:00pm CDT)

RAB for wastewater treatment  
Presented by Jens Dancer with Gross-Wen Technologies

July 17, 2025 (1:00pm CDT)

W2J consortium  
Presented by Lou Brown at LANL

August 21, 2025 (1:00pm CDT)

Algafilm wastewater treatment  
Presented by Ahren Britton

September 18, 2025 (1:00pm CDT)

AZCATI presented by Everett Eustance

November 20, 2025 (1:00pm CDT)

Bringing your Algae Product to the US Dietary Supplement Market  
Presented by Jen Johanson with Cyanotech

December 18, 2025 – (1 PM CDT)

## Member News and Updates

### [SUNY ESF Seeking Spirulina and Haematococcus Cultures for Research](#)

Ankita Juneja is an Assistant Professor in Chemical Engineering at SUNY ESF conducting research on microalgal cultivation. Ankita is seeking 20–25 mL live cultures of Spirulina and Haematococcus from researchers or industry professionals who are actively growing these strains. If you are willing to share, please feel free to contact Ankita at [ajuneja@esf.edu](mailto:ajuneja@esf.edu). Ankita can acknowledge your support in any resulting publication or keep it confidential, based on your preference.

### [GW Nutrition Seeking Spirulina growers that extract Phycocyanin](#)

GW Nutrition is trying to find Spirulina growers that extract phycocyanin (blue pigment). GW Nutrition believes the extraction process will have a protein-rich byproduct that is a good target for their processing technology. Please reach out to Laura Wonderling at [Laura@CleanSense.com](mailto:Laura@CleanSense.com).

Send us your news, updates and job postings!

<https://algaebiomass.org/resource-center/industry-resources/industry-job-opportunities/>

Please send any member news/updates for the next newsletter to Jon Kallen at [jkallen@algaebiomass.org](mailto:jkallen@algaebiomass.org)



Visit ABO's website

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