



SBP-N

Norwegian Seaweed Biorefinery Platform

Newsletter #9

covering news from
January-June 2022

Leader News



We are back after a small break in newsletters! Sorry for the silence, but the platform has been occupied with research, outreach, harvesting, and more. The harvest of this year's seaweed went well, and a lot of results are being produced and accumulated from the lab now. We are also working with a number of publications as well as dissemination of results. We are now looking forward to meeting you at one of the upcoming events like Nor-fishing, Havbrukskonferansen, and the 7th SIG seaweed meeting in Trondheim in middle of November 2022.

As always, we are open for research suggestions from the stakeholders.



Email us



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Latest News

Japanese visit to SES during harvest

A small Japanese delegation from the Sea Vegetable Company visited Scandinavian to learn more about our 'kombu'. Among the sites they visited was Seaweed Solutions at Frøya, where they saw the harvest of *Saccharina latissima*. One of the questions asked was: 'how to best evaluate the seaweed?' The answer was simple: 'You have to taste it fresh as it is'. Hopefully, Japan has also begun to open their eyes to the potential of Norwegian seaweeds.



Japanese visitors from the Sea Vegetable Company experiencing the harvest with Seaweed Solutions at Frøya earlier in June. Photos: Finn L. Aschmann

Innovation project on seaweed-based packaging

The Research Council of Norway has granted 16.4 MNOK funding to the IPN (Innovation Project for the Industrial Sector) titled "Alginate based films for packaging (AlgiPack)". Here, project coordinator B'ZEOS AS will in collaboration with Toraphene (UK), Seaweed Solutions AS, RISE PFI and SINTEF develop novel packaging materials based on innovative alginate and graphene technology. The project started on March 15th 2022 with a duration of three years.

Tare - det vi skal leve av i framtiden?

Researchers from SBP-N and industry shared their knowledge and perspective on a sustainable future with seaweed at Literaturhuset in Trondheim on the 25th of March. Many had given up the Friday taco in favour of learning more about Fredag TARE, the free event was at full capacity and the tickets had already been fully reserved several days before the event. The audience were very engaging and discussed the future of seaweed while enjoying some prepared seaweed snacks.



Both engaging discussions and tasty seaweed snacks were shared at the outreach event on 25th of March titled: Tare - det vi skal leve av i fremtiden?

Several successful seaweed arrangements



Macroalgae Initium Erasmus seaweed conference at Frøya kulturhus

Katharina (SINTEF I/NTNU) visited two Norwegian high schools (Bybroen videregående skole and Heggan videregående skole) through teams. The students learned about the potential and challenges in Norwegian seaweed industry, and how the SBP-N serve as a knowledge platform to meet these challenges and facilitate the development of future seaweed applications. Maren (SES) and Katharina presented at Macroalgae Initium Erasmus, a seaweed conference in Frøya kulturhus, that gathered 150 seaweed stakeholders and students from Denmark, Sweden and Norway. Participants learned about Norwegian and international seaweed industries, visited the SES-farm and enjoyed seaweed snacks prepared by students at Guri Kunna videregående skole. Katharina presented the project (SBP-N) at the yearly "Forskningsdagene"-kick off in front of the Research Council and other organizers of the Researcher Days from all of Norway.

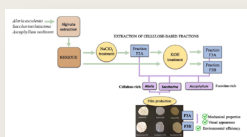
Stakeholder News

SES testing continuous blanching



Seaweed Solutions has invested in a continuous blancher that was tested during the harvest season. The new machine is promising, and will allow us to scale up the blanching from next season, by increasing the through-put and reducing labor, resulting in a more consistent product.

Latest Publications



Alginate-extracted seaweed for cellulose-based packaging films

[Read more](#)

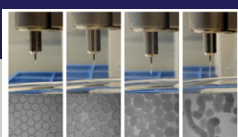
doi.org/10.1016/j.algal.2021.102576



Kelp cultivation and carbon sequestration

[Read more](#)

doi.org/10.3389/fmars.2021.632725



Alginate and tunicate nanocellulose composite microbeads for cell encapsulation

[Read more](#)

doi.org/10.1016/j.carbpol.2022.119284



Click here to see a complete list of all the project publications

Upcoming Events

23-26 Aug

Nor-Fishing
Trondheim & Online



[More Info](#)

19-21 Oct

Havbruk 2022
Bergen



[More Info](#)

15-16 Nov

SIG Seaweed 7
Trondheim

Save the date!
More information coming