



SBP-N

Norwegian Seaweed Biorefinery Platform

Newsletter #6 covering news from June - August 2021

Leader News

The seaweed processing lab shared between SINTEF Industry and NTNU has now passed its first test. The lab continues to be further equipped as well as populated with people and seaweed. Three consolidated pilot scale tests have already been performed and two more are in the pipeline. Looking forward to share some of the results with you at the SIG Seaweed meeting. It is also the time of the year that the new cohort of seaweed masters students are starting up.

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



Email us



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Latest News



Photo: Øystein Arlov

PhD candidate Katharina Nøking-Eide picking up the first harvest of the season in April 2021



More Info

Sampling campaign 2021 – following seaweed composition

This year's sampling campaign has collected cultivated *Saccharina latissima* and *Alaria esculenta* deployed in October and January and harvested at multiple time points between April and June, for compositional analysis. We are looking forward to presenting these data at the SIG Seaweed conference scheduled for 25th-26th of November in Trondheim.

E-Learning Course in Seaweed Farming Practices

A result from Genialg-Project is the E-Learning Course (free of charge) titled "Sustainable Seaweed Farming Practices". The course comprises four modules and its aim is to assist those with either professional or personal interest in seaweed farming.



More Info

New Project: SusKelpFood

This research project focuses on seaweed in food production. The project partners include Møreforsking, Norwegian Institute of Marine Research, NOFIMA, Technical University of Denmark, Matfis (Iceland) and industry partners Orkla Foods, Arctic Seaweed, Lofoten Blue Harvest and Tango Seaweed.

The ongoing journey to understand fucoidan

Further projects are underway in the endeavour to understand and characterise fucoidans from brown algae. Joint efforts between NTNU and SINTEF Industry have resulted in an ongoing functional screening experiment searching for fucoidan active enzymes from marine microbes. Additionally, a desulfation protocol for brown macroalgae is also being developed that so far, has good success.

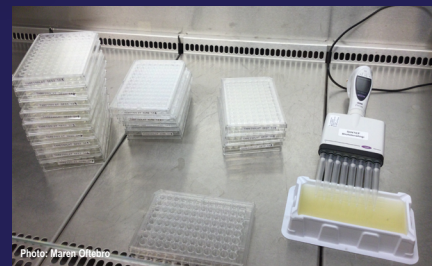


Photo: Maren Østborg

Setting up functional screening experiments in the lab



Photo: Finn L. Aachmann

Photo: Mina Grøvde

PhD candidate Paulina Sandberg Birgersson holding *Saccharina latissima* used in a pilot-scale extraction of alginate

Stakeholder News

Borregaard, Hatteland and the EIC fund to invest in Alginor



Follow the link to read more

Can seaweed cultivation be positive for the climate?

Read the article "taredyrking er et kinderegg i kampen mot klimagassutslipp" for more.

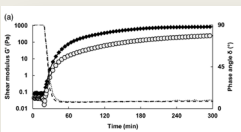


More Info

Latest publications



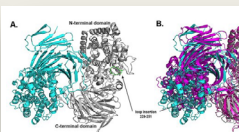
Click here to see a complete list of all the project publications



Alginate gels grafted with Cyclodextrin

Read more

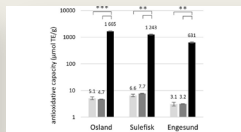
doi.org/10.1002/jbm.a.37255



Structure-function of an alignate lyase

Read more

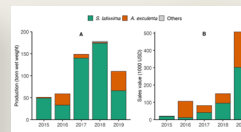
doi.org/10.1093/glycob/cwab058



Saccharina latissima produced in integrated multi-trophic aquaculture

Read more

doi.org/10.1016/j.aquaculture.2021.737386



Landing facilities for cultivated seaweed biomass

Read more

doi.org/10.1007/s10811-021-02525-w

Upcoming Events

15-16 Sep

Seagiculture 2021
10th International seaweed



More Info

14 Oct

Norsk Algekonferanse
Nye løsninger fra lab til marked



More Info

27-28 Oct

Algemia 2021
Sea to Market



More Info

25-26 Nov

SIG Seaweed Meeting 2021



More Info