



SBP-N

Norwegian seaweed Biorefinery Platform

Newsletter #4
January - February 2021

Leader News

Currently we are planning our activities around this year's harvest. Here we will focus on testing out different consolidated biorefinery strategies which will be tested both in a lab scale and small pilot scale.

Furthermore, we'll have a sampling campaign concentrating on different deployment time and harvest time of the cultivated seaweed. We're still open for research suggestions from the stakeholders.



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Latest News

SIG Seaweed meeting in Trondheim

We hope to see you all at our yearly conference SIG Seaweed 6 at Trondheim, which is planned to be 25-26th of November 2021. The conference will focus on products from cultivated macroalgae and how this affects the need for large-scale cultivation.

Early Career Seaweed Researchers

The Seaweed Biorefinery Platform is expanding and now there are many early career researchers (currently 12) working in or associated with the platform. Therefore, we have created an informal forum, where they share news about seaweed research, experiences, ideas and get network and socialise with fellow colleagues.

Results from the Sampling Campaign 2020

In these days a report with the results from the sampling campaign (May 2020) will be sent to different participants. This report contains results on dry matter, ash content, minerals, carbohydrates, and total protein. This year we will focus on different deployment time and harvest time on a few selected locations.

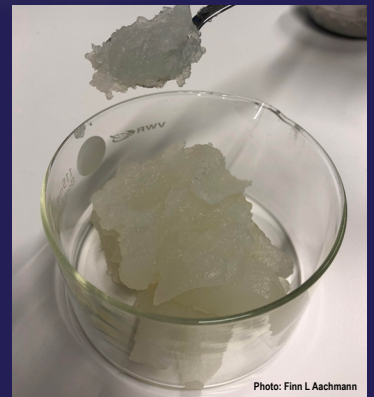


Photo: Finn L. Aachmann

Cellulose extracted from *Saccharina latissima*

Stakeholder News

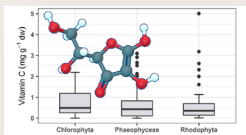
United Seaweed Network of Norway

Algenettverk Nord AS og Norsk Tareyrkerforening are joining forces and are now in the process of gathering in a common organization. The seaweed founders aim to establish an Arena cluster and invite both research institutions, future customers, investors, and public authorities to collaborate in the development of marine algae into a significant industry for Norway.

New project: AlgModE

This research project will take a deep dive into the world of alginate modifying enzymes. The project partners include NTNU, Sintef Industry, DTU (Denmark) and Roscoff (France):

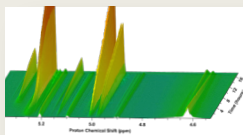
Latest publications



Vitamin C from Seaweed

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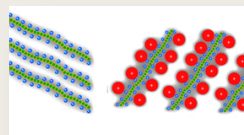
doi.org/10.3390/foods10010198



Thermophilic Exolytic Alginate Lyase

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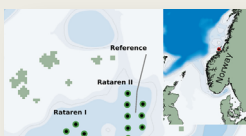
doi.org/10.1128/AEM.02399-20



Impact of Alginate on Protein Binding Capacity and Complex Size

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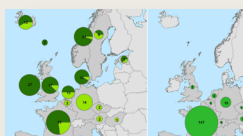
doi.org/10.1021/acs.biomac.0c01485



Lipid Profile of Cultivated *Saccharina latissima*

[Read more](#)

doi.org/10.1016/j.algal.2021.102201



Current Status of the Algae Production Industry in Europe

[Read more](#)

doi.org/10.3390/md18110565



The Essentials of Marine Biotechnology

[Read more](#)

doi.org/10.3389/fmars.2021.629629

Upcoming Events

24 March

The final MACRO CASCADE conference



[More info](#)

8 April

Online workshop on preprocessing and equipment



[More info](#)

5 May

Norsk algekonferanse 2021
Nye løsninger fra lab til marked



[More info](#)

Read about help received in the research report from KELPRO

[Read more](#)

