

**Norwegian Seaweed Biorefinery Platform** 

Newsletter #8 November-December 2021

## **Leader News**

It was a nice experience seeing the Norwegian seaweed community face to face again at the SIG seaweed conference. A lot of activity in the labs and an enormous amount of analytical work has been performed in the recent year and now publications are beginning to take form. We will continue to share these data with you in the coming year.

Merry Christmas and Happy New Year.

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





# **Latest News**

### SIG Seaweed 6 conference brought together over 100 participants

The 6th Special Interest Group (SIG) in Seaweed Conference was held in Trondheim on the 25-26th of November. The event was a collaboration between SINTEF Ocean and The Seaweed Biorefinery Platform with over 100 participants from all over Norway. The conference focused on recent activity and results from the platform, in addition to cultivation of new species and activities on seaweed as a climate positive solution.

Click here to see the slides from the conference presentations





nce at the SIG Seaweed 6 conference in Trondheim Right: PhD candidate Paulina Sandberg Birgersson describes a

#### **Relevant infrastructure for Seaweed Norway**

The infrastructure application RI Seaweed headed by Aleksander Handå was granted by RCN. This project will focus on infrastructure for the whole value chain from cultivation, surveillance and management, logistics, processing, storage, and products. Another infrastructure application that received funded is the Norwegian NMR platform, which is one of the key technologies used to characterize seaweeds. These developments contribute to enabling seaweed to be one of the biomasses in the Norwegian bioeconomy.

#### Presentations from Sea to Market – Algemania are available to watch online



Sea digital conference Market - Algemania was arranged on the 27th and 28th of October 2021 organised by a team of collaborators including Møreforskning. Sea to Market is a new conference series focusing on commercialization of

marine products. This year's focus was seaweed production and commercialization, gathering a broad audience of 250 registered participants from 22 countries. Speakers from seaweed-related businesses along with experts in innovation, business development and applied research shared their

Click here to watch the presentations from Algemania



experience and thoughts on sustainable commercial developments from seaweed.



#### SFI – Industrial Biotechnology is picking up momentum

The SFI-IB led by Håvard Sletta focusing on the transformation of different biomasses into products and commodities by applying biotechnological solutions had its second annual meeting in Here one of the projects is focusing on further

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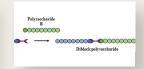
valorisation of harvested seaweed in Norway. This research has potential for important synergy with the Seaweed Biorefinery Platform.

## **Latest Publications**



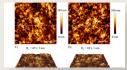
Mechanistic understanding of a bifunctional alginate epimerase and lyase

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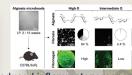
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Reduced inflammatory responses towards alginate hydrogels in mice with sulfated alginate and alginate with an intermediate

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doi.org/ 10.1016/j.actbio.2021.10.004



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









