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 **GENIALG**
Newsletter
MARCH 2021 | ISSUE 4



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Coordinator's welcome



A warm welcome to issue four of the **GENIALG** Newsletter!

In case you missed our previous issues, you can find them [here](#). We are now almost halfway through our six-month project extension. We will be finalising the project at the end of June!

As you may already be aware, due to Covid-19 restrictions we were forced to transform our Final Conference, **Seaweed for the Future: Scaling-up the European Sector**, into a virtual one on 30 November 2020. However, the virtual

format enabled over 450 people to tune in from 57 countries! All GENIALG major outputs and ongoing work were showcased to attendees from the scientific, industry and policy communities as well as members of the public with an interest in seaweed research. The conference provided insight into some [leading European seaweed companies](#), and attendees were treated to a special seasonal seaweed cookery demonstration by Irish seaweed expert Prannie Rhatigan. You can find all the recipes Prannie made on the day [here](#). Please visit our conference webpage to view the full [conference recording](#) and presentations.

Finally, in other good seaweed news, the Safe Seaweed Coalition was launched on 17 March 2021. The Coalition is led by Lloyd's Register Foundation, United Nations Global Compact and CNRS, as well as a multi-stakeholder Steering Committee. I am co-PI and Kevin Cascella (**GENIALG** Project Manager) is Manager of the Coalition. The

Steering Committee and the Advisory board features Jorunn Skjermo (**SINTEF**), Pi Nyvall-Collen (**Olmix Group**), Sander van den Burg (**WUR**), Frank Neumann (**SES**) and myself from **GENIALG**. With the Coalition's emphasis on food safety, safe operations and sustainability, it will facilitate the emergence of an international seaweed market, with an optimised supply chain and global safety standards for workers, consumers and the environment. You can read more about the Safe Seaweed Coalition in the news section below.

Stay up to date on all of the latest project news through the GENIALG [website](#), [Twitter account](#) and [Facebook page](#), keeping you informed on all the latest on seaweed biorefineries, cultivation, genetics and metabolomics!

Dr Philippe Potin, Research Director, Station Biologique de Roscoff (CNRS), France



GENIALG news and events



Official Launch of the Safe Seaweed Coalition: Powering the Restorative Revolution of Seaweed

The Safe Seaweed Coalition was launched on 17 March 2021. The Coalition is led by Lloyd's Register Foundation, United Nations Global Compact and CNRS, as well as a multi-stakeholder Steering Committee. **GENIALG** coordinator Philippe Potin is co-PI and Kevin Cascella (**GENIALG** Project Manager) is the Manager of the Coalition. The Advisory board features Jorunn Skjermo (**SINTEF**), Pi Nyvall-Collen (**Olmix Group**), Sander van den Burg (**WUR**), Frank Neumann (**SES**) and Philippe Potin (**CNRS**) from **GENIALG**.

GENIALG partners NUI Galway launch seaweed genetic analysis company Pristine Coasts



GENIALG partners Ronan Sulpice and Antoine Fort from NUI Galway have formed Pristine Coasts with fellow researcher Masami Inaba. The company will focus on areas including genetic improvement, genomic selection, and seaweed traceability using various analysis techniques. [Read more](#)



GENIALG Final Conference, Seaweed for the Future: Scaling-up the European sector

The final GENIALG conference was held virtually on 30 November 2020. Despite the shift to an online format due to Covid-19, the event received highly positive feedback, with over 450 attendees from 57 countries. [Read more](#)



GENIALG partners featured in Financial Times 'Food Revolution' series in piece focused on seaweed crops

The Financial Times have produced a video report on seaweed's potential as a sustainable crop. They gained insights from GENIALG partners Jon Funderud from Seaweed Solutions, and Silje Forbord and Antonio Alvaro from SINTEF. [Read more](#)

To read all the latest news from the GENIALG project, [click here](#) and select 'news' from the filter options.



Seaweed in the news



Aquaculture Advisory Council publishes recommendation on seaweed farming

The background image shows a dense field of yellowish-green seaweed hanging vertically from a structure, likely part of a seaweed farm.

Public consultation on the EU algae sector

The background image shows a large, dark green seaweed farm underwater. A school of small fish is swimming in the water.

Could seaweed help combat Covid-19?

The background image shows a close-up of large, flat, green seaweed leaves.

More news



Dates for your diary



Aquaculture Europe 2021

12-15 April 2021 | Online

[More information](#)



Hack4Oceans - A 2-day Youth Innovation Event

20-21 April 2021 | Online

[More information](#)



Seaweed for Health Virtual Conference

17-19 May 2021 | Online

[More information](#)



European Maritime Day

20-21 May 2021 | Den Helder, the Netherlands and online

[More information](#)

Full list of events



Publications

Monteiro, J. P., Melo, T., Skjermo, J., Forbord, S., Broch, O. J., Domingues, P., Calado, R., and Domingues, M. R. (2021). Effect of harvesting month and proximity to fish farm sea cages on the lipid profile of cultivated *Saccharina latissima*. *Algal Research*, 54, 102201. [DOI:10.1016/j.algal.2021.102201](https://doi.org/10.1016/j.algal.2021.102201)

[Repository link](#)

Moreira, A. S. P., da Costa, E., Melo, T., Sulpice, R., Cardoso, S. M., Pitarna, B., Pereira, R., Abreu, M. H., Domingues, P., Calado, R., & Domingues, M. R. (2020). Seasonal plasticity of the polar lipidome of *Ulva rigida* cultivated in a sustainable integrated multi-trophic aquaculture. *Algal Research*, 49, 101958.

[DOI:10.1016/j.algal.2020.101958](https://doi.org/10.1016/j.algal.2020.101958)

Calmes, B., Strittmatter, M., Jacquemin, B., Perrineau, M.-M., Rousseau, C., Badis, Y., Cock, J. M., Destombe, C., Valero, M., & Gachon, C. M. M. (2020). Parallelisable non-invasive biomass, fitness and growth measurement of

macroalgae and other protists with nephelometry. *Algal Research*, 46, 101762. [DOI:10.1016/j.algal.2019.101762](https://doi.org/10.1016/j.algal.2019.101762)

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