

 **GENIALG**  
**Newsletter**  
JUNE 2021 | ISSUE 5



## Coordinator's welcome



A warm welcome to the fifth and final issue of the **GENIALG** Newsletter! In case you missed our previous issues, you can find them [here](#).

We are now almost at the end of GENIALG, as the project will close at the end of June 2021. This is bittersweet but the project has been a great success, its research making a great impact on the European seaweed sector and we are confident that our strong consortium of partners will continue to collaborate in future seaweed projects and initiatives. So far, several GENIALG partners will

continue their good work within the Safe Seaweed Coalition. 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) and Frank Neumann (SES) and myself from GENIALG. With the Coalition's emphasis on food safety, safe operations and sustainability, it aims to 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 and if not already done, register for free as a member [here](#).

In other good seaweed news, the EU has opened its public consultation on the EU Algae Initiative. The Initiative aims to increase sustainable production, to ensure safe consumption and to boost the innovative use of algae and algae-based products in the European Union. The consultation survey seeks both your general opinion on the algae sector and provides an opportunity to answer more specific questions related to unlocking algae potential in Europe. So please make sure you contribute before the consultation closes on 11 August 2021. Finally, I would like to thank all GENIALG partners for their commitment to this human adventure; the whole coordination team, the work package managers as well as all the actors involved by near or by far for the achievements reached at this stage.

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

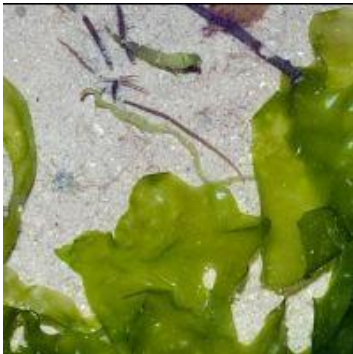


## GENIALG news and events



### **ALGApus: a European example from the waters of the estuary**

GENIALG partner ALGApus was recently covered in a feature article for Portugal's Aveiro Mag. The article (in Portuguese) covers the important work carried out by the company, which is dedicated to the controlled and sustainable cultivation of native macroalgae, in an innovative production system and with organic certification. [Read more.](#)



### **INEGI empowers seaweed farming industry with solutions to increase efficiency**

Four years after its launch, GENIALG is nearing completion, and one of its promising results is the systems that were developed from the collaboration between partners, INEGI and ALGApus in Portugal. [Read more](#)



### **Meet the GENIALG Scientists**

'Meet the GENIALG Scientists' is a series of articles profiling the project's researchers and their results. Its aim is to aid and encourage researchers to engage locally with the public across the six partner countries of Norway, France, Ireland, Portugal, the Netherlands and United Kingdom. [Read more](#)



### **Tropical Phyconomy Coalition Development**

A participatory workshop sponsored by GENIALG, will bring together phyconomists from around the world online. Project coordinator Philippe Potin will feature as a speaker along with Vincent Doumeizel, and others from the Safe Seaweed Coalition. [Read more](#)

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



## Seaweed in the news

**Public consultation on the EU Algae Initiative now open**

**Green gravel reforestation projects showing promise**

**Assessing habitat benefits of kelp aquaculture**

**Major emissions reduction in cattle fed with seaweed**



## Twitter poll



**GENIALG** @GENIALG\_EU · 4h

...

🌿 Do you know how many seaweed species are cultivated around the world? 🌿

👉 Want to learn more about [#seaweed](#) and seaweed farming?

👉 Our new upcoming FREE E Learning Course is launching soon!

👉 [genialgproject.eu/e-learning-cou...](http://genialgproject.eu/e-learning-cou...)

[#PhycologyFriday](#) [#H2020](#) [#EUresearch](#) [#algae](#)

34 🌿

57 ❤️

88 🌿

100+ 🗨️

8 votes · 4 days left



## Dates for your diary

**SEAWEED  
VALORIZATION  
IN EUROPE**

### Seaweed Valorisation in Europe, Learning from Asia

Conference 2021

1-2 July 2021 | Online

[More information](#)



### Lipids in the Ocean 2021

5-7 July 2021 | Online

[More information](#)

[Full list of events](#)





## Publications

- Martins, M., de Souza Mesquita, L. M., Vaz, B. M.C., Dias, A.C.R.V., Torres-Acosta, M. A., Quéguineur, B., Coutinho, J.A.P. and Ventura, S.P.M. (2021). Extraction and Fractionation of Pigments from *Saccharina latissima* (Linnaeus, 2006) Using an Ionic Liquid + Oil + Water System. *ACS Sustainable Chemistry & Engineering*, 9 (19) 6599–6612.

DOI: <https://doi.org/10.1021/acssuschemeng.0c09110>

[The Supplementary Cover Art for the manuscript published in ACS Sustainable Chemistry & Engineering](#)

- Moreira, A. S. P., da Costa, E., Melo, T., Lopes, D., Pais, A. C. S., Santos, S. A. O., Pitarma, B., Mendes, M., Abreu, M. H., Collén, P. N., Domingues, P., and Domingues, M. R. (2021). Polar Lipids of Commercial *Ulva* of Different Origins: Profiling and Relevance for Seaweed Valorization. *Foods*, 10(5), 914.

DOI: <https://doi.org/10.3390/foods10050914>

- Solvang, T., Bale, E.S., Broch, O.J., Handå, A. and Alver, M.O. (2021). Automation Concepts for Industrial-Scale Production of Seaweed. *Frontiers in Marine Science*, 8:613093.

DOI: <https://doi.org/10.3389/fmars.2021.613093>

- Lopes, D., Melo, T., Rey, F., Costa, E., Moreira, A. S., Abreu, M. H., Domingues, P., Lillebø, A. I., Calado, R., & Rosário Domingues, M. (2021). Insights of species-specific polar lipidome signatures of seaweeds fostering their valorization in the blue bioeconomy. *Algal Research*, 55, 102242.

DOI: <https://doi.org/10.1016/j.algal.2021.102242>

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