

EU4Algae

a collaborative European stakeholders forum on algae

Seaweed served to Nobel Laureates 2 days ago !

THE
NOBEL
PRIZE

[Nobel Prizes & Laureates](#)

[Nomination](#)

[Alfred Nobel](#)

[News & insights](#)

[Events](#)

[Educational](#)

Nobel Banquet Menu 2022

Seaweed baked pike-perch and tomato stuffed with marinated pike-perch, parsley emulsion, kohlrabi and bread spices with dill seed pearls and flower crisp

Swedish venison filled with morel and sage, golden beetroot with cold-pressed rapeseed oil and mustard seed, Jerusalem artichoke and thyme emulsion, accompanied by potato terrine and wild game gravy with star anise

Baked cheesecake and plum compote, flavoured with star anise, plum creme, mirabelle meringues and oat crisp, accompanied by mirabelle sorbet flavoured with ginger



Year 1 achievements



EN English

Search

Oceans and fisheries

[Home](#) > [News](#) > [European Commission launches platform to promote production and use of algae in Europe](#)

NEWS ANNOUNCEMENT | 9 February 2022 | Directorate-General for Maritime Affairs and Fisheries

European Commission launches platform to promote production and use of algae in Europe



- Members onboarding
- Online platform
- Working groups
- Algae Initiative
- Communication

Reminder - EU4Algae Objective

The ultimate objective of the #EU4Algae is to accelerate the scale up of a regenerative, resilient, fair and climate friendly algae industry in Europe.



Reminder - EU4Algae consortium



Reminder - EU4algae work packages

Work package 1 - Establish, manage, coordinate and facilitate the European algae stakeholders' forum (EU4Algae)

Task 1.1 Preparation for the establishment of the EU4Algae stakeholders' forum and of the communication strategy

Task 1.2 Development of contents for web-publishing

Task 1.3 Establishment of the EU4Algae stakeholders' forum

Task 1.4 Coordination, facilitation and management of EU4Algae (PM Activities)

Task 1.5 Improving governance and the regulatory framework

Task 1.6 Improving the business environment

Task 1.7 Supporting a sustainable development of the industry

Task 1.8 Awareness raising and stakeholder acceptance

Task 1.9 Accelerating research, knowledge, innovation and development

Work package 2 - Ensuring continuity of EU4Algae stakeholders forum

Task 2.1 List of appropriate/relevant stakeholders ready to contribute to the post-contract life of EU4Algae

Task 2.2 Post-contract life strategy for running EU4Algae

Work package 3 - To support bringing more algae species to the EU market either as traditional or novel food, or as food supplements

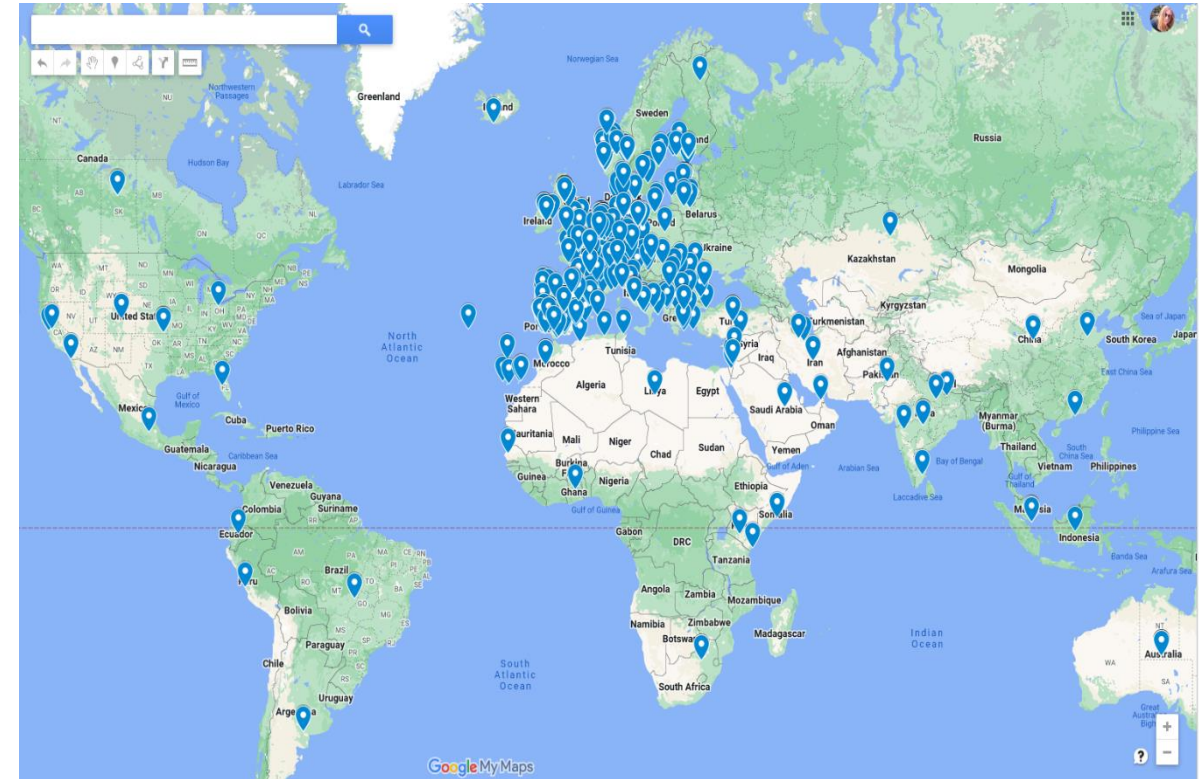
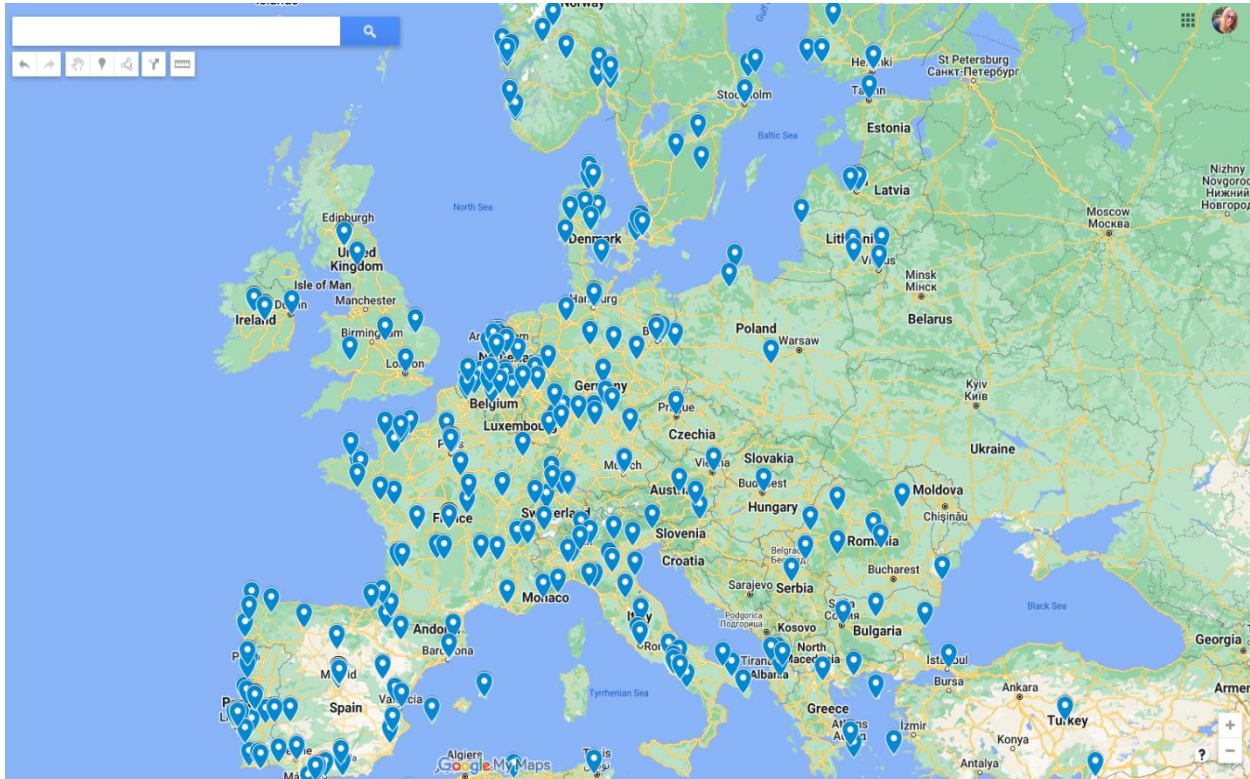
Task 3.1 – Support for consultations on the novel food status of algae species

Task 3.2 – Establishing a comprehensive list of algae species that fall into the novel food category

Task 3.3 – Establishing a list of algae species that are novel foods but are used as a traditional food in third countries

EU4Algae registered members

580 members registered and participating in WGs discussions



EU4Algae online Forum

The screenshot shows the homepage of the EU4Algae online forum. At the top, there is the European Commission logo and the text 'MARITIME FORUM'. A search bar is located in the top right corner. Below the header, a navigation bar contains 'Themes', 'Communities', 'Search', 'F.A.Q.', and 'EU Login'. The main content area features a large banner with the text 'EU4Algae' over an image of seaweed. Below the banner, there are six categories represented by icons: 'Macroalgae Production', 'Microalgae production', 'Algae for Food', 'Algae for Feed', 'Ecosystem Services & Bioremediation', and 'Materials, Chemicals, Bioactives & Algae Biorefining'. A 'Youth & Entrepreneurship' category is also visible. On the right side, there is a 'Contact us' form with fields for 'Your full name', 'Your email address', and 'Your message', and a 'Submit' button. Below the contact form, there is an 'Upcoming events' section listing several events with their dates and times.

Views count

EU4Algae

Macroalgae Production

Microalgae production

Algae for Food

Algae for Feed

Ecosystem Services & Bioremediation

Materials, Chemicals, Bioactives & Algae Biorefining

Youth & Entrepreneurship

About EU4Algae

The platform is a unique space for collaboration among European

Contact us

Your full name *

Your email address *

Your message *

Submit

Upcoming events

Running challenge for schools: "Be a scientist!..."
0 sec hence

Join the European Atlas of the Seas at CommoCEAN 2022
1 day 14 hours hence

EU4Algae in Rome, 12 December
1 week 6 days hence

Workshop on Algae and Blue

The screenshot shows a pre-registration form for the EU4Algae (European Stakeholder Platform). The form is titled 'EU4Algae (European Stakeholder Platform)' and 'Pre-registration Form'. It includes a notice: 'Your data will be processed and stored following the GDPR Regulation (EU) 2016/679.' Below this, there are two required fields: '1. Name' and '2. Surname', each with a text input box and a 'Required' asterisk. The form is set against a background image of seaweed.

EU4Algae (European Stakeholder Platform)

Pre-registration Form

Your data will be processed and stored following the GDPR Regulation (EU) 2016/679.

* Required

1. Name *

Enter your answer

2. Surname *

Enter your answer

[| Maritime Forum \(europa.eu\)](https://maritimeforum.europa.eu)

Get to know the seven EU4Algae Working Groups



Working groups

European algae stakeholders' forum (EU4Algae) and bringing more algae species to the EU market
01.7: 1st version of WG's action plans

European algae stakeholders' forum (EU4Algae) and bringing more algae species to the EU market
01.7: 1st version of WG's action plans

European algae stakeholders' forum (EU4Algae) and bringing more algae species to the EU market
01.7: 1st version of WG's action plans

Working Group 1. Macroalgae Production

| WG Name | Macroalgae Production | WG Number | 1 |
|-------------|-----------------------|--------------|----------|
| Facilitator | Adrien VINCENT | Organisation | SYSTEMIQ |

Identified Constraints, Obstacles, and Issues

A robust demand for high-quality, traceable, sustainably grown seaweed is expected to increase significantly in the coming years. However, if this demand is met through imports, Europe will miss out on many of the benefits associated with seaweed farming (e.g. innovation, ecosystem services, coastal jobs). Satisfying this growing demand translates into the need to produce millions of tonnes of fresh seaweed each year, which is far above current production levels. While Europe can build on expertise and know-how from decades of science, wild harvesting and processing activities, production growth of this magnitude will depend on cost-efficient farming scale-up, which must meet sustainability criteria.

Today, cultivated European seaweed is insufficient in volume, too expensive and produced by a fragmented supply chain. So far only a few companies have managed to secure a license for large-scale operations and leverage sufficient funding to expand. Besides, high quality, traceability and local sourcing are value-adds that can justify a price premium for European seaweed versus imported Asian products. However, European seaweed will not be viewed as an economically viable source of large-scale future supply if the price structure does not change – the current price premium often makes it ten times as costly as imports. To enable this change and help propel European producers up the ladder of preferred sources of supply, production costs in Europe have to be cut drastically. Economies of scale will naturally occur as farms grow bigger in size and assets like boats or seeding and harvesting machinery can be amortised.

General Objective
Support the sustainable and cost-efficient scale-up of European seaweed cultivation

Specific Objectives

- Create useful centrally accessible knowledge and facilitate knowledge and experience sharing between seaweed farmers
- Create a bridge between the seaweed farmers community and other stakeholders groups (e.g., policy makers, journalists, investors, etc.)
- Inspire new entrants to launch and develop a seaweed farm in Europe

Working Groups Actions

A.1. Upgrade and maintain up to date the Licensing Toolkit developed by Seaweed for Europe
A.2. Organise knowledge and experience sharing sessions with farmers from other continents
A.3. Organise webinars presenting latest scientific developments and new technical solutions for seaweed cultivation
A.4. Facilitate organisation of on-site trips for journalists and policy-makers/ politicians to visit farms and meet seaweed farmers
A.5. Explore potential to create a public seed bank at European level
A.6. List and profile success stories of seaweed farmers
A.7. Identify potential sources of financing for seaweed farmers (types of capital + potential partners)
A.8. Host 5x WG meetings (online or in-person) with rotational chair / host

Outcomes

O1. Online licensing toolkit available on EU4Algae online forum, enriched with country profiles and maintained up to date
O2. 3 sessions organised (1 per year) with farmers from e.g., Asia, North America, Africa
O3. 3 webinars organised (1 per year) presenting latest scientific developments and new technical solutions for seaweed cultivation
O4. 3 on site farm visits for journalists and policy-makers/ politicians (1 per year) co-organised with local partners in e.g., France, Netherlands, Portugal
O5. Scoping document for the set up of a public seed bank at European level
O6. Fact sheets/ profiles of European seaweed farmers success stories
O7. Mapping of potential sources of financing for seaweed farmers (types of capital + potential partners)
O8. 5x WG meetings (online or in-person) with rotational chair / host

Next Steps

S1: Contact WG participants with summary (meeting agenda, action plan, tasks forum pre-registration, Doodle for 1st WG7 meeting Q3/4 2022)
S2: Identify WG chair for the next 6 months
S3: Scope activities, expectations from WG participants and timeline for the outcomes

Action plan

- Constraints and challenges
- Objectives
- Actions
- Outcomes
- Next steps

The EU algae initiative was announced mid-November 2022



Virginijus Sinkevičius • 1er

European Commissioner for Environment, Oceans and Fisheries at European ...

1 sem. • 🔒

Pioneering EU initiative just out!

We present 23 actions to boost the Algae sector in Europe.

Some key actions include:

- 📁 developing a new algae farmers' toolkit
- 🌐 facilitating access to marine space, identifying optimal sites for seaweed farming and including it in maritime spatial plans
- 🇪🇺 developing standards for algae ingredients and contaminants, as well as for algae biofuel
- 👤 examining the algae market and proposing market-stimulating mechanisms to support the transfer of technology from research to market

This initiative will help create a robust and sustainable industry and stronger algae farming as demand of seaweed products in EU is expected to reach EUR 9 billion in 2030.



Brussels, 15.11.2022
COM(2022) 592 final

**COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN
PARLIAMENT, THE COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL
COMMITTEE AND THE COMMITTEE OF THE REGIONS**

Towards a Strong and Sustainable EU Algae Sector

{SWD(2022) 361 final}

EU4Algae: Strategic communication and dissemination plan

The communication and dissemination plan for EU4Algae is divided into three phases:

- phase I M1-6 - the creation of the platform and onboarding of algae stakeholders onto the platform;
- phase II M6- 18 - general promotion and content to engage the members on the forum;
- phase III M18-36 - consumer-related dissemination

The decision to split the communication is twofold:

- Given the diverse nature of communication (outreach to stakeholders vs external promotion/internal engagement of actual forum vs consumer engagement) we have decided to split the communication plans and work on three different strategies, co-existing side-by-side, reinforcing one another. This communication plan will run continuously throughout the project, in order to onboard as many EU algae stakeholders as possible.

EU4Algae: Strategic communication and dissemination plan:

Phase I M1-6 - the creation of the platform and onboarding of algae stakeholders onto the platform;

Overview of the results:

- Social media set in place via DG MARE and CINEA channels (Twitter, LinkedIn, Facebook)
- Visual identity set in place
- First draft of the forum launched on Maritime Forum
- Media attention through PR's and news items on DG MARE website
- First survey released --> 167 respondents
- 145 participants for the first EU4Algae event (EU4Algae Info Session)
- Participation in several other EU events to further promote the forum
- 117 pre-registrations for EU4Algae Forum as of M6

Phase II M6- 18 - general promotion and content to engage the members on the forum (currently ongoing);

- Further onboarding of new members --> currently 580
- Creation of promo video
- Content to engage members and general audience (e.g. interviews on the WGs, one pager etc)
- Further improving the EU4Algae forum and streamlining the information output from the WGs

Further plans:

- Migration of the Maritime Forum (new look and feel to Forum)
- Collaboration with Taste the Ocean-campaign on algae
- Further content to engage members and general audience

Get to know the seven EU4Algae Working Groups



#EU4Algae

Help us shape the algae sector in Europe!



#EU4Algae

Stakeholder collaboration + joint effort = algae awareness in the EU

Making change together.



#EU4Algae

EU4Algae virtual event

12th December ● live from Rome

Register now & join us!



#EU4Algae

#EU4Algae

Making change together.



#EU4Algae

Making change together.



EU4Algae

a collaborative European stakeholders forum on algae

General description

Algae have been harvested, produced and consumed throughout the world for centuries. They are appreciated in especially Asian cuisine for their high nutritional value and distinct salty or umami taste. In recent years they have started to become a popular ingredient in Western diets e.g. sushi nori or seaweed chips and crisps. Microalgae are widely commercialized for food, cosmetic and animal feed purposes. A well-known example is Spirulina, which have been used as food for centuries by indigenous people in Africa and Central America, and are currently used as both supplement and whole food. Outside of the culinary realm, algae are also increasingly seen as a sustainable feedstock for a wide range of applications such as fertilisers, animal feed, cosmetics, or bio-packaging. The attractiveness of algae also comes from their regenerative nature: their cultivation at sea has a positive impact on the marine ecosystems, help improving ocean health, to fight climate change and stimulate biodiversity. They can also provide local sources of feedstock while creating good jobs in Europe. In order to scale up a regenerative, resilient, fair and climate friendly algae industry in Europe, as well as to bring more novel algae species to the European market, the European Commission has launched EU4Algae. EU4Algae contains an online platform where algae stakeholders in Europe can access knowledge, interact and find new business and funding opportunities to develop the algae industry.

Who is it for?

- Ocean farmers/Algae producers
- Processors/Product developers
- Traders (whole sellers or sellers)
- Technology providers
- Business organizations (trade associations, industry representatives)
- Investors/Financial institutions
- Researchers/academia
- NGOs
- National public and regional authorities/International organizations

What's in it for you?

- Business Networking
- Knowledge
- Policy development advice
- Funding calls
- Project Repository
- Events
- Jobs

Working groups



More information on EU4Algae?

Scan the QR code, fill in the pre-registration form, get access to the EU4Algae Online Community Platform.

Contact us at contact@eu4algae.eu or join the conversation using #EU4Algae



Annual microalgae biomass production has increased worldwide since 1920, reaching **32.67 Mt** in 2016.

Origin of algae biomass production



Global production



EU4Algae

EU4Algae

EU4Algae Info Session

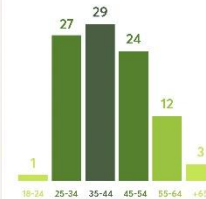
189 registered participants

96 survey replies

EU4Algae Forum

121 pre-registrations

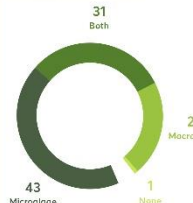
Age groups



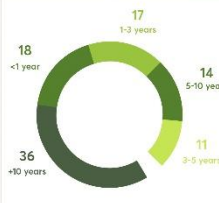
Gender



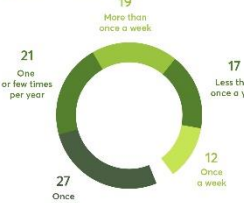
Focus on the sector



Years in the Algae sector



Algae consumption



We aim to connect seaweed and microalgae farmers with other stakeholder groups working on algae to accelerate the development of the sector.

#EU4Algae European Commission



The ultimate goal is to expand seaweed cultivation in the EU to meet the growing internal demand for algae and algae-based products.

#EU4Algae European Commission

EU4Algae

a collaborative European stakeholders forum on algae



Next steps

- **New version of the online forum**
- **Next WG meetings and first deliverables**
- **Active presence in social media and events**
- **Coordination with DG MARE on implementing the Algae Initiative**

Thank you!