



Ecosystem Services
Bioremediation

WG5 meeting Algae4Eco, 27. March 2023

EU4Algae

a collaborative European stakeholders forum on algae

Recording OK?



EurA

EABA

SYSTEMIQ

sPro
sustainable
projects

technopolis_[group]

Agenda 27. March 15.00-16.30 CET

Time	Title - speaker
15.00–15.10	Welcome - by Robert Reinhardt WG5 chair and Efthalia Arvaniti EU4Algae facilitator
15.10 – 15.30	Presentation of EKLIPSE report on Macroalgae cultivation and Ecosystem Services - by Rui Pereira, A4F
15.30 – 15.50	Upcoming WG5 survey on projects and studies - by Efthalia Arvaniti, EU4Algae
15.50 – 16.00	Progress so far and planned WG5 activities for remaining 2023, events and AOB - by Efthalia Arvaniti, & Laura Maragna, EU4Algae
16.00 – 16.05	Call in for an additional WG5 chair with macroalgae background for rest of 2023
16.05 -16.20	Open space for pitchings from members of the WG5 on news, projects, AOB
16.20 – 16.30	See you in June



Bridging the gap between policy and knowledge
on biodiversity in Europe

Rui Pereira A4F, Algae for Future, Portugal) (co-chair)

Progress of EU4Algae WG5

Algae4eco WG Tasks

1. Collect a repository of projects and studies regarding ecosystem services and bioremediation, science to policy, and good practices. (s.Pro...)
2. Promote good practices, pilot sites, testing labs etc. working with algae ecosystem services and bioremediation. of selected cases (s.Pro...)
3. Integrate knowledge from relevant studies and project results (s.Pro...)
4. Analyse for 1-2 selected cases innovation ecosystem and analyse innovation barriers and enablers
5. Define next level of R&D needs of most important themes (s.Pro...)
6. Develop other recommendations towards quantification of ecosystem services at scale (in collaboration with other DG MARE projects and work stream)

Progress on Tasks – since December 2022

1. Submitted the WG Action plan in December 2022 (s.Pro) 😊
2. Presented survey results to EU4Algae event in Rome (Technopolis) 😊
3. Presented project database results to EU4Algae event in Rome (s.Pro) 😊
4. Set up communication platforms (s.Pro): Website 😊
5. Set up knowledge hub: projects, actors, studies repository (s.Pro) – From MIRO to Excel/AirTable? (s.Pro) 😊
6. Developed survey to populate knowledge hub 😊

WG Task next steps 2023

1. Set up knowledge hub: projects, actors, studies (s.Pro) – Develop categories, formats, populate

2. Launch survey on WG5 projects studies and plants

3. Define follow-up actions (s.Pro, with new chair)

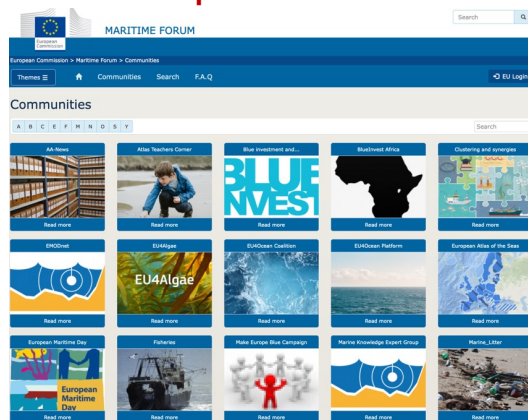
- Analyse for 1-2 selected cases innovation ecosystem and analyse innovation barriers and enablers
- Define next level of R&D needs of most important themes (s.Pro...)
- Develop other recommendations towards quantification of ecosystem services at scale (in collaboration with other DG MARE projects and work stream)

4. Appoint a co-chair on macroalgae (s.Pro)

EU4algae WG5 pages

- News
- Events
- Communication platform
- Knowledge library:

Repository of projects, studies, results, developments



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Ecosystem Services & Bioremediation



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A A Contents View as pdf



Ecosystem Services Bioremediation

Working group 5 Algae4Eco will promote algae services (as products) by improving the business environment and cooperation across the algae ecosystem service-related value chains. Also, the group will promote the development of pilot/demonstration facilities and success stories for nutrients and energy recovery in the context of pollution prevention and waste treatment, develop roadmaps to accelerate innovation, define R&D needs for ecosystem services of algae.

The following activities and outcomes are foreseen:

- Develop a knowledge hub on the bioremediation potential of algae;
- Integrate knowledge considering mappings of the carrying capacities of EU (coastal) waters for seaweed aquaculture and marine permaculture;
- Integrate knowledge on impacts of algae cultivation on the health of the ocean and humans;
- Report based on the identification of regulatory barriers in taking up ecosystem services;
- Develop factsheets on state of play of and innovation roadmaps for algae bioremediation and ecosystem services;
- Framework for quantifying ecosystem services, including monitoring, good practices, business models and scalability.

For registered members

Log in to post comments

<https://webgate.ec.europa.eu/maritimeforum/en/node/7456>

<https://webgate.ec.europa.eu/maritimeforum/en/node/9051>

Algae4eco SharePoint

FOLLOW link:

https://euraconsult.sharepoint.com/sites/eu4algae_wg5

The screenshot shows the SharePoint interface for the 'EU4Algae - Working Group 5. Ecosystem Services & Bioremediation' site. The top navigation bar includes the 'EurA' logo, 'Office 365', a search bar, and utility icons. The site title is 'EU4Algae - Working Group 5. Ecosystem Services & Bioremediation', with 'Private group' and '170 members' indicated. A left-hand navigation pane lists 'Home', 'Conversations', 'Documents', 'Notebook', 'Pages', 'Site contents', 'Recycle bin', and 'Edit'. The main content area features a 'News' section with a card titled 'Keep your team updated with news on your team site' and an 'Add News' button. Below this is an 'Activity' section with two cards: '2022 June event (launch)' and '2022 October meeting'. On the right, there are 'Quick links' for learning about the team site and adding pages, and a 'Documents' section with a list of folders including 'Algae4eco Action plan' and 'WG meetings minutes etc'.

What is coming up?

1st EU4Algae Newsletter coming up in April!

Coming events:

- European Maritime Day (EMD) in Brest - "EU4Algae Roadshow" on 24 May
- EU4Algae online Info-Session on 14 or 15 June (tbc)
- EC Algae Summit in October
- BlueInvest – EU4Algae e-pitching session in October

Take a look at our website!

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



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EU4Algae

Working Groups

- Macroalgae Production
- Microalgae production
- Algae for Food
- Algae for Feed
- Ecosystem Services & Bioremediation
- Materials, Chemicals, Bioactives & Algae Biorefining
- Youth & Entrepreneurship

About EU4Algae

EU4Algae Forum is here and now!

Become part of the Algae Forum and work towards a greener and cleaner oceans.

The platform is a unique space for collaboration among European algae stakeholders, including algae farmers, producers, sellers, consumers, technology developers as well as business-support organisations, investors, public authorities, academia, researchers and NGOs.

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Learn more

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EU4Algae

WG5 co-chair with expertise in macroalgae – role description:

- The Working Group Chair is the spokesperson of the working group. The reference for the members and representing their interests in front of the Facilitators and EU4Algae coordination.
- The WG Chair supports the dissemination of the WG's activities by fostering engagement and participation of the WG members in the EU4Algae activities.
- The WG Chair also can provide direct feedback on the WG's outcomes/deliverables and has a guaranteed spot in all the EU4Algae events.
- The WG Chair will change every 6 months till end 2023.

Looking for an expert on macroalgae ecosystem services

EU4Algae Partners



Thank you!