



EU Support to the Algae Sector

Algae Service for Life – final
meeting

16 November 2023

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DG MARE – European Commission

The EU Algae Initiative – Adopted November 2022



Virginijus Sinkevičius • 1er
European Commissioner for Environ
1 sem. • 🌐

Pioneering EU initiative just out!

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



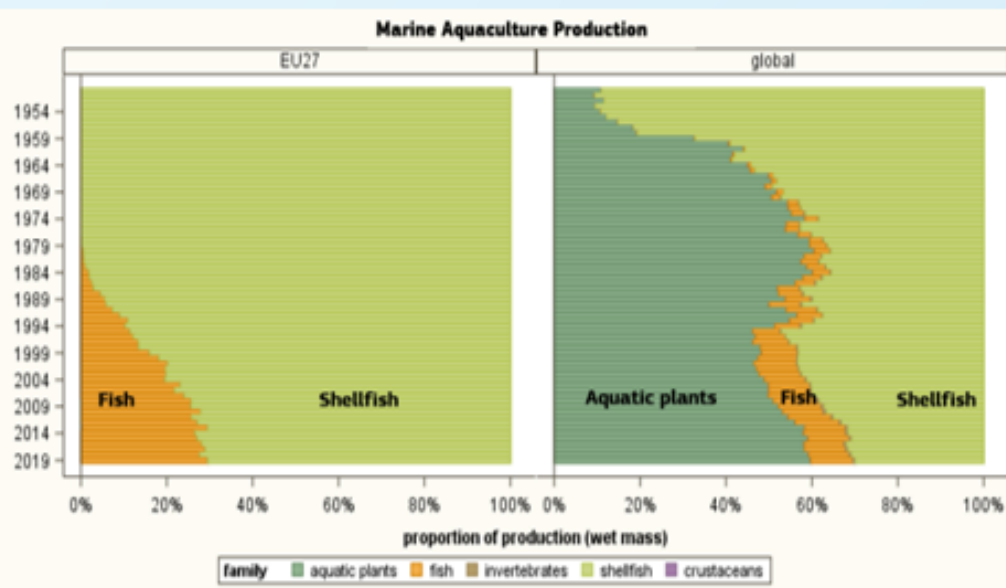
Brussels, 15.11.2022
COM(2022) 592 final

**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}

Current algae cultivation



Problems

High costs

Low scale production

Limited market and consumers knowledge

Limited knowledge on risks

Governance

Objectives

Increase production, consumption, use of algae products

Upscale cultivation and production process

Mainstream markets

Action areas (actions)

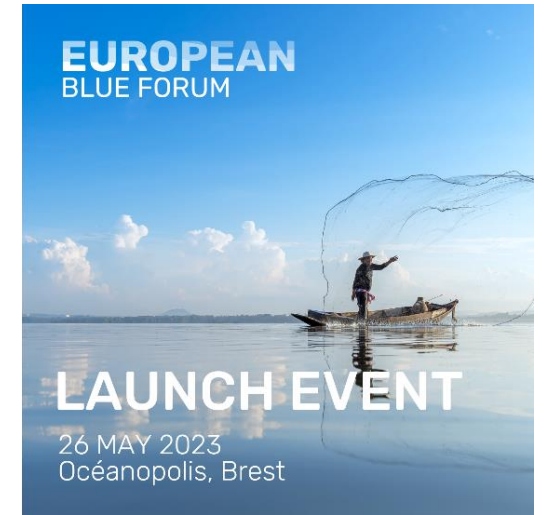
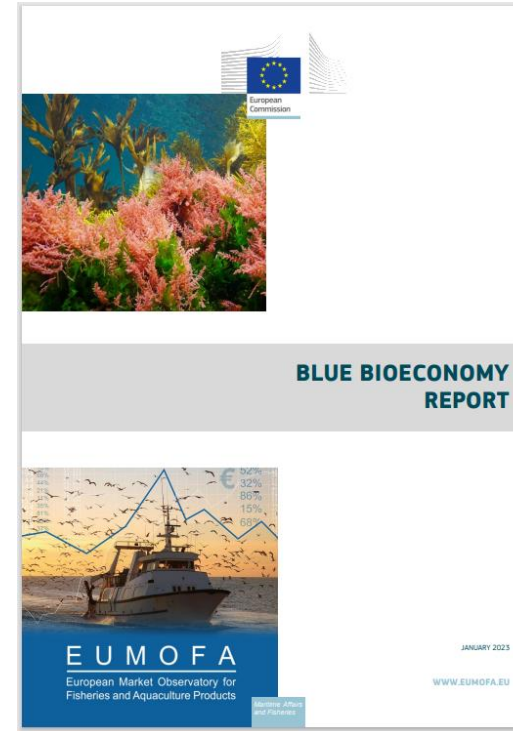
Governance and legislation (5)

Business support (6)

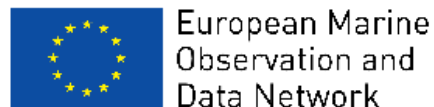
Knowledge, data, research (9)

Awareness and acceptance (3)

Other DG MARE initiatives



EMODnet



European Atlas of the Seas

Explore, collate and create your own sea map.

BLUE INVEST



initiatives

EURACTIV The Capitals

Agrifood Economy Energy & Environment Global Europe

Home / News / Agrifood / EU-wide protein strategy on the cards as Commission changes its

EU-wide protein strategy on the cards

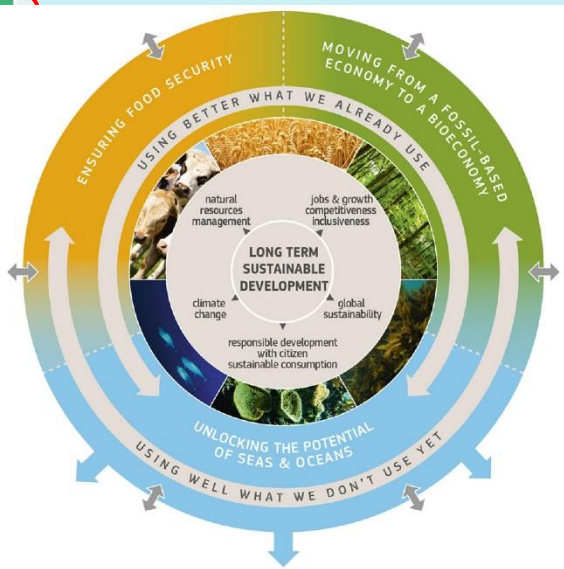
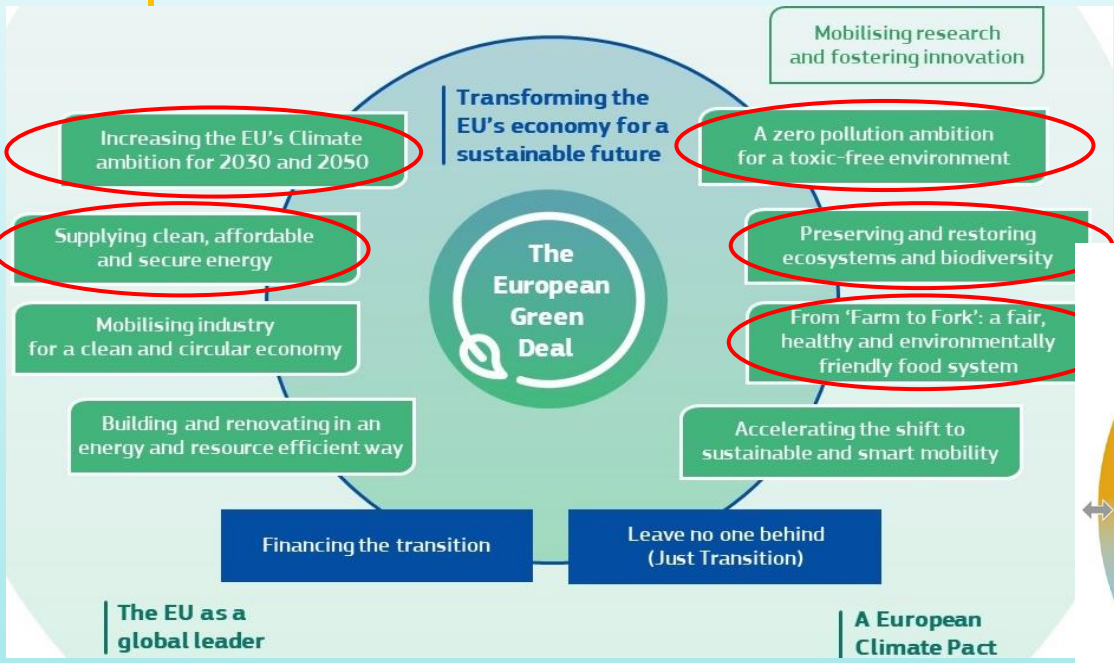
By Natasha Foote | EURACTIV | Apr 5, 2022 (updated: Apr 6, 2022)



26 October 2022 #EUGreenDeal

Water Framework Directive

The way towards healthy waters



Green Claims Directive Proposal:

common criteria against greenwashing and misleading environmental claims

SUSTAINABLE CARBON CYCLES

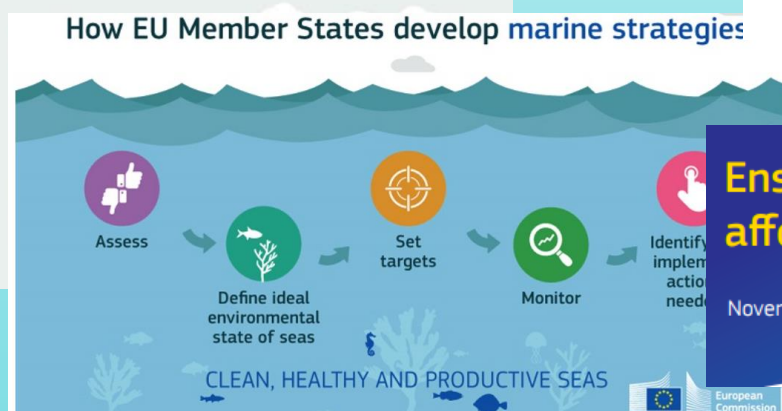
To achieve **climate neutrality** at the latest by 2050 and **negative emissions** thereafter, the EU needs to increase carbon removals and establish **sustainable carbon cycles**.

THE NITRATES DIRECTIVE - SOLUTIONS

The Nitrates Directive promotes good agricultural practices in nutrient management



Apply correct amount of nutrients for each crop to avoid damaging the environment



Ensuring the availability and affordability of fertilisers

November 2022

European Algae Stakeholder Platform - EU4Algae

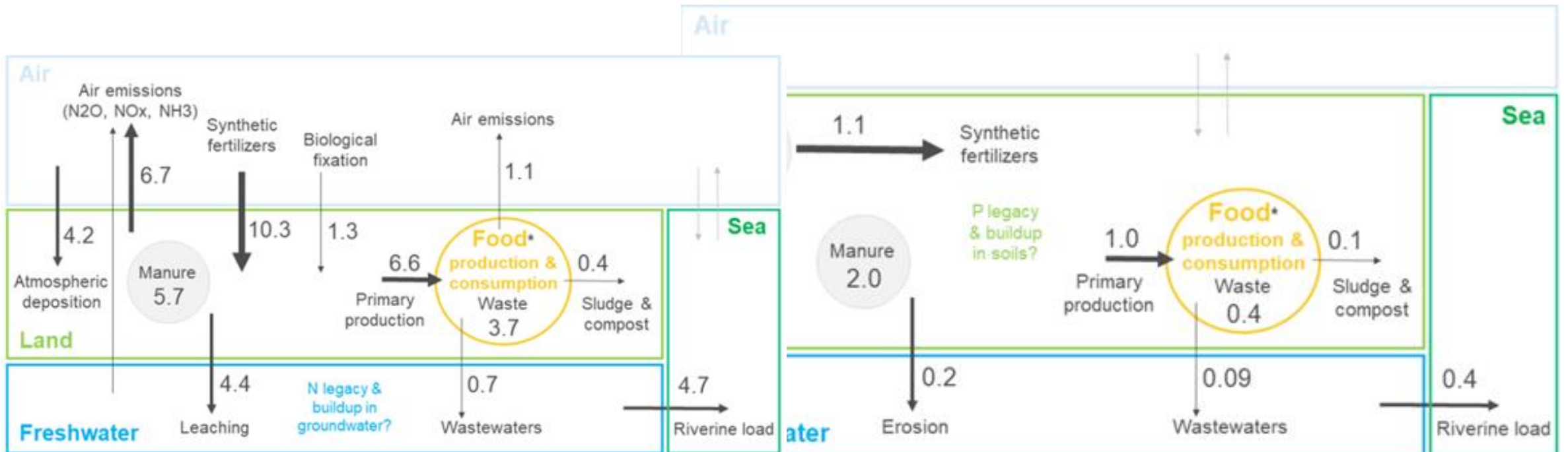
- February 2022-January 2025
- European algae stakeholder forum (> 890 members)
- Website and online community
- Business corner – funding calls
- Knowledge corner
- Projects repository
- Events, jobs etc



The screenshot displays the EU4Algae website interface. At the top, it features the European Commission logo and the text 'MARITIME FORUM'. Below this is a navigation bar with the breadcrumb 'European Commission > Maritime Forum > Blue economy > Blue Bioeconomy > EU4Algae'. The main navigation includes 'Themes', a home icon, 'Communities', 'Search', and 'F.A.Q.'. A 'Views count' field is visible on the right. The central banner shows 'EU4Algae' over an image of algae. Below the banner are three categories: 'Macroalgae Production' (with a leaf icon), 'Microalgae production' (with a green disc icon), and 'Algae for Food' (with a plate and fork icon). A large white box highlights two specific areas: 'Ecosystem Services & Bioremediation' (with a gear and leaf icon) and 'Materials, Chemicals, Bioactives & Algae Biorefining' (with a flask and beaker icon).

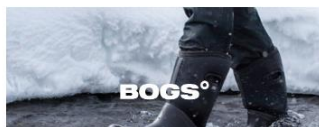
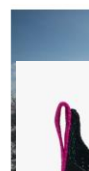
Post project life (1)

- **Algae Service for Life** - a promising example/good practice of turning environmental threats into the business opportunities
- Indications: excess carbon, nutrients and warming climate – will continue



Post project life (2)

- Important – to elaborate **viable market applications** from algae blooms biomass e.g.
 - Algae wrist campaign
 - Algae blooms products (algae foam) already on the market e.g. Adidas, Levis, Reebok
- Biomethane production - very unlikely to have market potential and be cost-effective within next decade(s).



WOMEN'S SHOES / PERFORMANCE

**HYDRA ESC
WOMENS**

€195.00

The Hydra ESC is our pinnacle swimrun and trail footwear. It's a pioneering, barefoot take on amphibious performance footwear, created alongside elite athletes to glide, grip, rain and dry quickly.

Seagreen



AlgaWrist campaign

DEMONSTRATES POTENTIAL OF ALGAL PALLETS

RAISES ENVIRONMENTAL AWARENESS

ATTRACTS SOCIETY TO SUPPORT CLEANUP EFFORTS

LIVE STREAMING



Post project life (3)

- Defensives...zooplankton, zoobenthos harvested with blooms...?
- The Green Advisory Service for Sustainable Investments Support (Green Assist) is (new advisory initiative under [InvestEU](#) - funded [LIFE](#)).
- BlueInvest – well known as ‘‘Baltic Environment’’ presentation was selected for pitch at the first ever algae-focused BlueInvest e-pitch event
- Multiple funds to check for future projects e.g. Horizon Europe, CBE JU, EMFF shared management

Commissions role to support algae sector

- 👉 EU Algae Initiative –a set of well-advancing coordinated actions to unlock algae potential in the EU
- 👉 MS authorities are invited to recognise huge algae sector potential in EU and significantly increase the support to the sector
- 👉 EU4Algae – an EU flagship for algae sector and for implementation of the EU Algae Initiative
- 👉 Investments – instrumental for emerging sector to derisk investments
- 👉 European Commission is here to help: assistance mechanisms, funds, guidelines etc