



EU Algae Initiative and EU4Algae

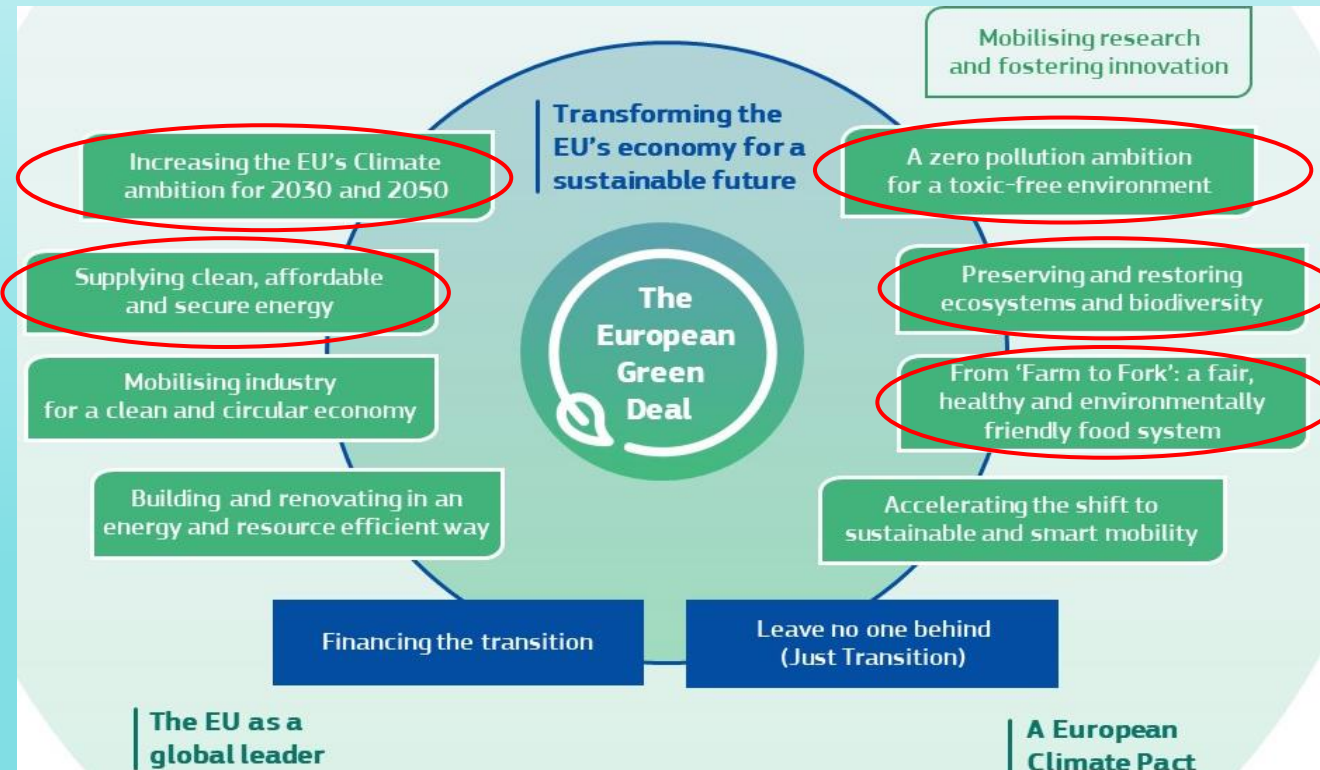
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Economy*

EU4Algae meeting 12 December 2022

Algae in the EU policy context

- Seaweed as an alternative protein source Farm-to-Fork
- Sustainable blue Economy Strategy
- EU Sustainable Aquaculture Strategic guidelines
- And more...



A new vision for EU aquaculture

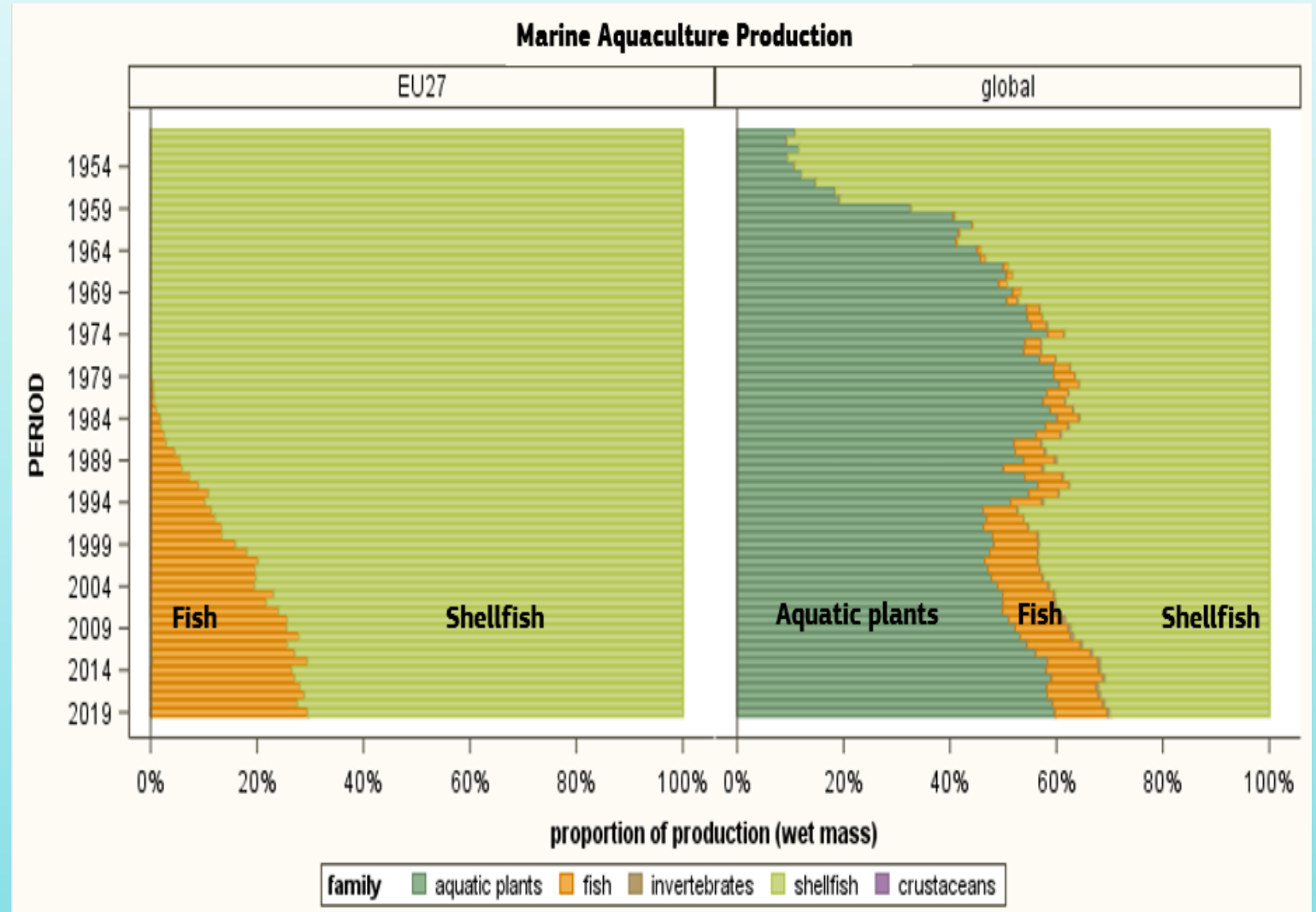
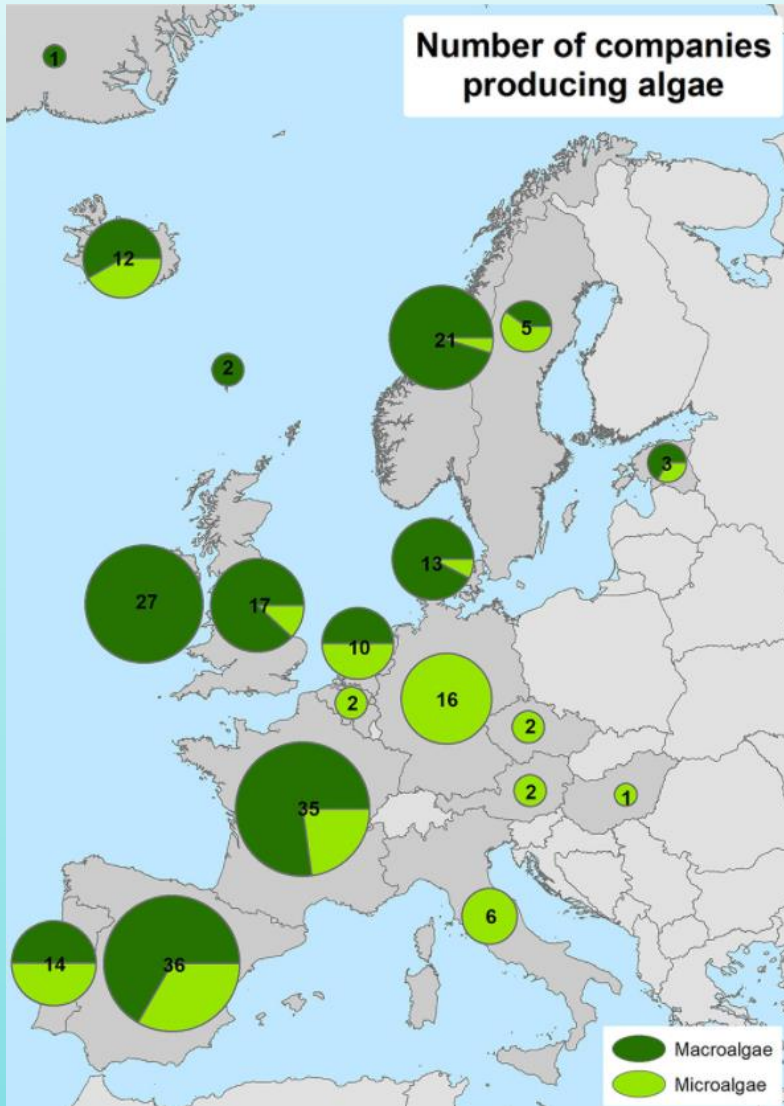




What can algae do for you?



Algae sector in Europe



European demand for algae and algae-based products



EU demand for seaweed may reach up to **EUR 9 billion in 2030**

(\cong 3.000% increase in best case scenario)



EU is a top importer worldwide of seaweed products:
EUR 554 million in 2016



Market for chlorella will accelerate with an annual growth rate of 6.4% to 2025

Market for spirulina will accelerate with an annual growth rate of 8.7% to 2025

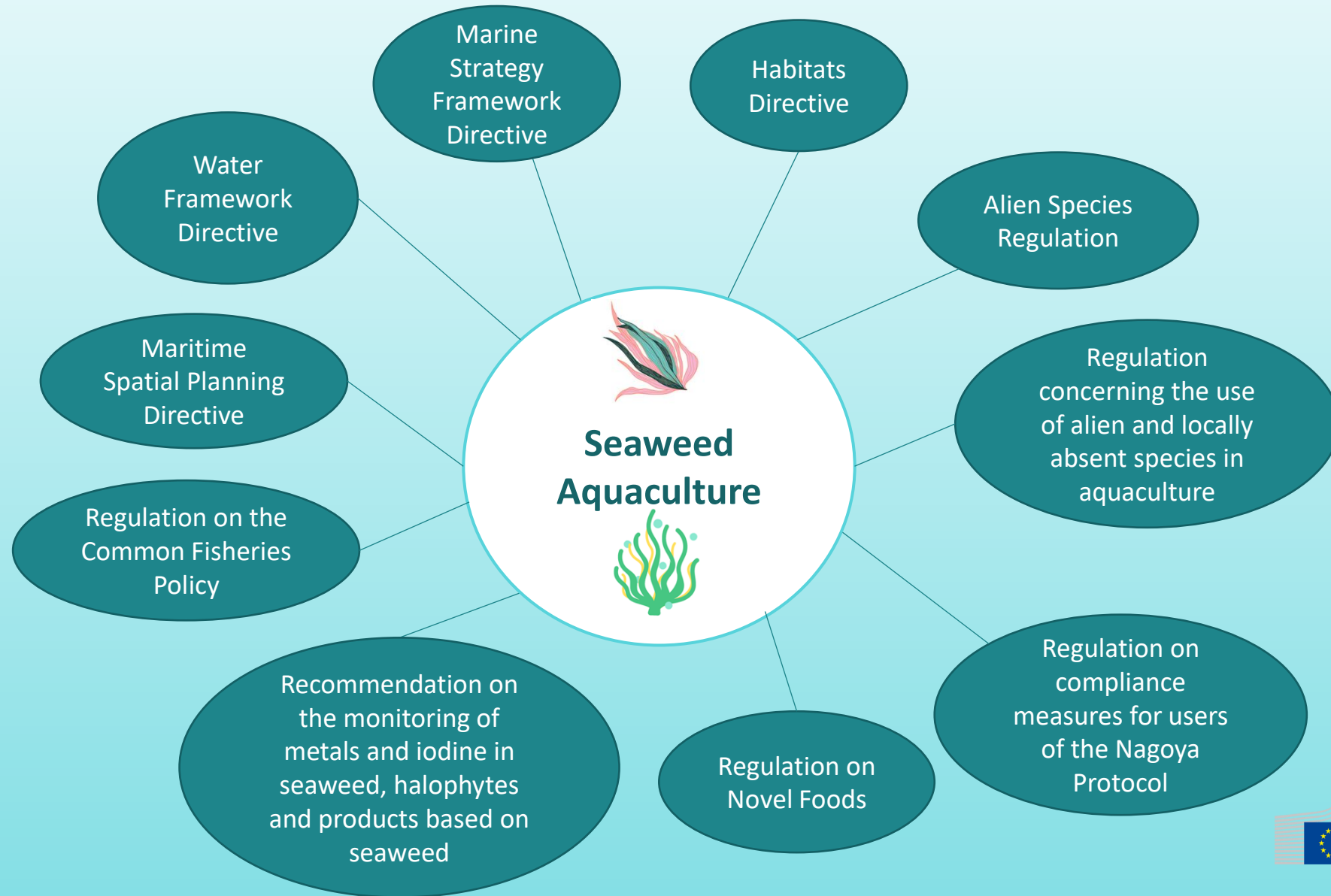


Growing human population worldwide

75 million vegans and vegetarians in Europe

Ageing population and increasingly health-conscious consumers

EU legal acts relevant to seaweed aquaculture



What is happening already?

- **Algae related funding calls:**
Horizon Europe, Circular Bio-based Europe Joint Undertaking, EMFAF, EIT Climate-Kic, EIT Food
- **Algae business support mechanisms:**
BlueInvest, Aquaculture Assistance Mechanism
- **Ocean literacy and awareness raising:**
EU4Ocean coalition, Taste the Ocean campaign



Studies to support the European Green Deal Shellfish and algae (2022 – 2023/4) : assessing the potential of shellfish and algae to recycle nutrients

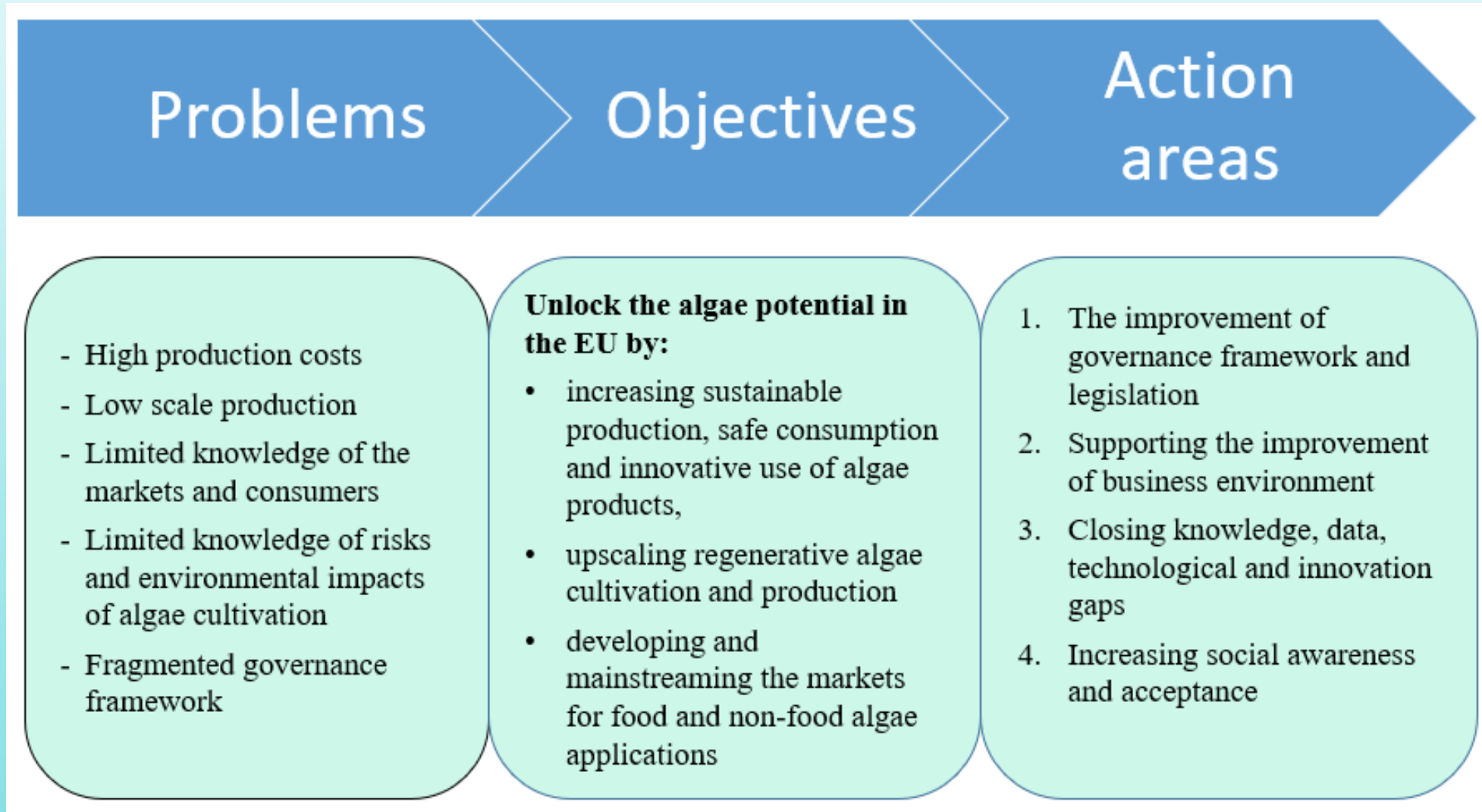
Algae and Climate (2022 – 2023): examines costs, impact and benefits of scaling up production of marine algae through aquaculture in the EU



#TasteTheOcean

is a campaign from the EU with top chefs across Europe to encourage consumers to buy and enjoy sustainable fish and seafood.

The EU Algae Initiative – how did we get there?



The EU Algae Initiative

23 actions aimed at:

1. improving the governance framework and legislation,
2. improving the business environment,
3. closing knowledge, research, technological and innovation gaps, and
4. increasing social awareness and market acceptance

To be piloted in a coordinated way, in close collaboration with Member States and relevant stakeholders.



Next steps

- To discuss implementation with EP and Council;
- Discussion with the EESC;
- Coordinate implementation with EU services – Friends of Algae ISG and EU member States;
- To use EU4Algae for implementation of some industry-related actions;
- The Commission will prepare a report assessing progress in implementing the Communication by the end of 2027.

EU4Algae

EU4Algae

- Create an European algae stakeholder forum (some 600 members today);
- Bring more algae species to the EU market;

EU4Algae & Algae Initiative deliverables

- Complementary, not duplicative;
- Capitalize on the well-established collaborative environment;
- EU4Algae is expected to contribute to the 4 priorities of the initiative;
- E.g. Action 23: Promoting awareness-raising actions for schools and universities, starting in 2023.

The screenshot shows the website for the EU4Algae initiative. At the top, there is a navigation bar with the European Commission logo and the text 'MARITIME FORUM'. Below this, a breadcrumb trail reads 'European Commission > Maritime Forum > Blue economy > Blue Bioeconomy > EU4Algae'. The main navigation area includes a 'Themes' menu, a home icon, 'Communities', 'Search', and 'F.A.Q.'. A 'Views count' section is visible on the right. The main content area features a large banner image of seaweed with the text 'EU4Algae' overlaid. Below the banner is a grid of seven categories, each with an icon and a label: 'Macroalgae Production', 'Microalgae production', 'Algae for Food', 'Algae for Feed', 'Ecosystem Services & Bioremediation', 'Materials, Chemicals, Bioactives & Algae Biorefining', and 'Youth & Entrepreneurship'.

Thank you



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