

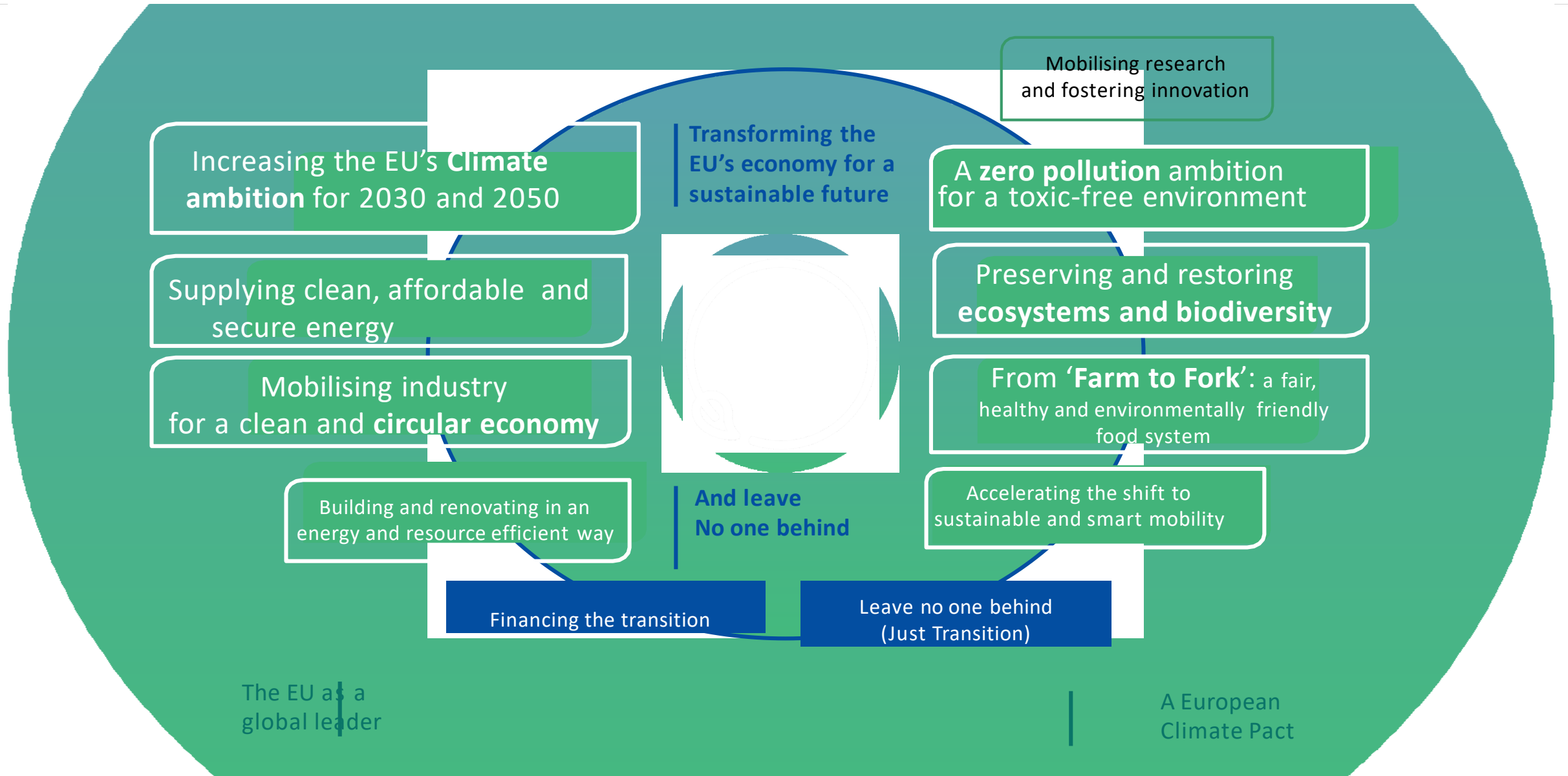


Algae in the European policy context

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European Green Deal



Situation analysis and state of play



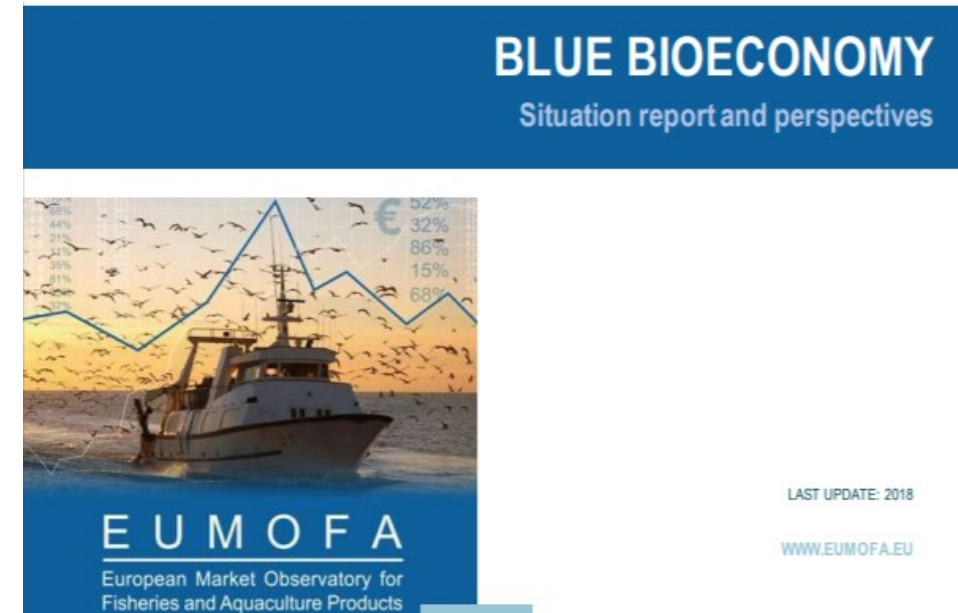
Blue Bioeconomy Forum

Highlights

Synthesis of the roadmap and a selection of viable and innovative projects



- The *Forum* provided advice on:
- Policy, Environment & Regulation
 - Finance & Business Development
 - Consumers & Value Chains
 - Science, Technology and Innovation



LAST UPDATE: 2018

WWW.EUMOFA.EU

Blue Bioeconomy – towards a strong and sustainable EU algae sector

The initiative aims at increasing sustainable production, ensure safe consumption and boost innovative use of algae and algae-based products in Europe.

Option 1: No policy change.

Option 2: Targeted activities to support the sustainable growth of the algae sector: 5 objectives

- 1. Improving governance framework** e.g. guidance on sustainable production, large scale cultivation of algae, standardization, recommendations etc
- 2. Support functioning of the market** – novel algae species, funding mechanisms

Algae are regarded as a functional group of organisms consisting of microalgae, macroalgae, cyanobacteria and labyrinthulomycetes (CEN:17399:2020)

Blue Bioeconomy – towards a strong and sustainable EU algae sector

3. **Improving business environment** – specific funding needs, one-stop-shop/assistance mechanism
4. **Increasing social awareness and acceptance** – communication campaigns, labelling, inclusion into MSP processes
5. **Closing knowledge, research and innovation gaps** - developing improved algae cultivation and processing systems, new methods, carbon sequestration quantification etc

Option 3: Targeted activities to support the sustainable growth of the algae sector including regulatory measures – inter alia for harvesting of live seaweed, targets to substitute fish based fish feed, better integration into CFP
(on top of option 2)



- EU communication, scheduled for 1st half of 2022
- OPC – ended 18 January – 79 contributions
 - From EC citizen to Cambridge university, from family business to large companies
 - Several EU algae business organisations
 - From very positive to very sceptical
- IA Study – Deloitte, Wageningen University – 16/02/21-16/01/22
 - Objective: refined Policy options for, the EU algae initiative
 - Interviews, webinars, OPC (3 months)

Towards a strong and sustainable EU algae sector – conclusions from the public consultation



11/02/2021

The European Commission is preparing a comprehensive cross-sectoral EU algae initiative. The aim of the initiative is to increase the sustainable production, consumption and use of algae and algae-based products. Because of their small carbon and environmental footprint, raising the profile of algae will help achieve the objectives of the European Green Deal, the transition to a green, circular and carbon-neutral EU.

DG MARE actions/initiatives

- Blue funds: Blue Invest, Annual Blue economy calls
- Blue bioeconomy report 2020: IMTA, fish RRM, cellular mariculture
- Awareness raising: « Taste of the ocean » , Euronews « Oceans »
- European Maritime Day 20-21 May 2021, Den Helder, NL
 - Stakeholder workshop: Cool Blue Bioeconomy (Submariner network)
 - MARE policy session: Sustainable seafood sector and the EU Green Deal – EU aquaculture guidelines, EU algae initiative etc
- EU4Ocean coalition for Ocean Literacy



Few cross-cutting EU initiatives

- Farm to Fork – algae as alternative protein source,
- Complementarities and collaboration with:
 - Knowledge Centre for Bioeconomy (JRC),
 - EU Bioeconomy strategy (RTD),
 - Research funds: Horizon Europe,
 - JRC on the Blue economy report etc
 - DG AGRI-organic farming, SANTE- algae as novel food, GROW – biofertilizers, ENV – environmental services etc
- Local action: FARNET report and brochure on algae projects