

European Maritime, Fisheries and  
Aquaculture Fund

**EMFAF**

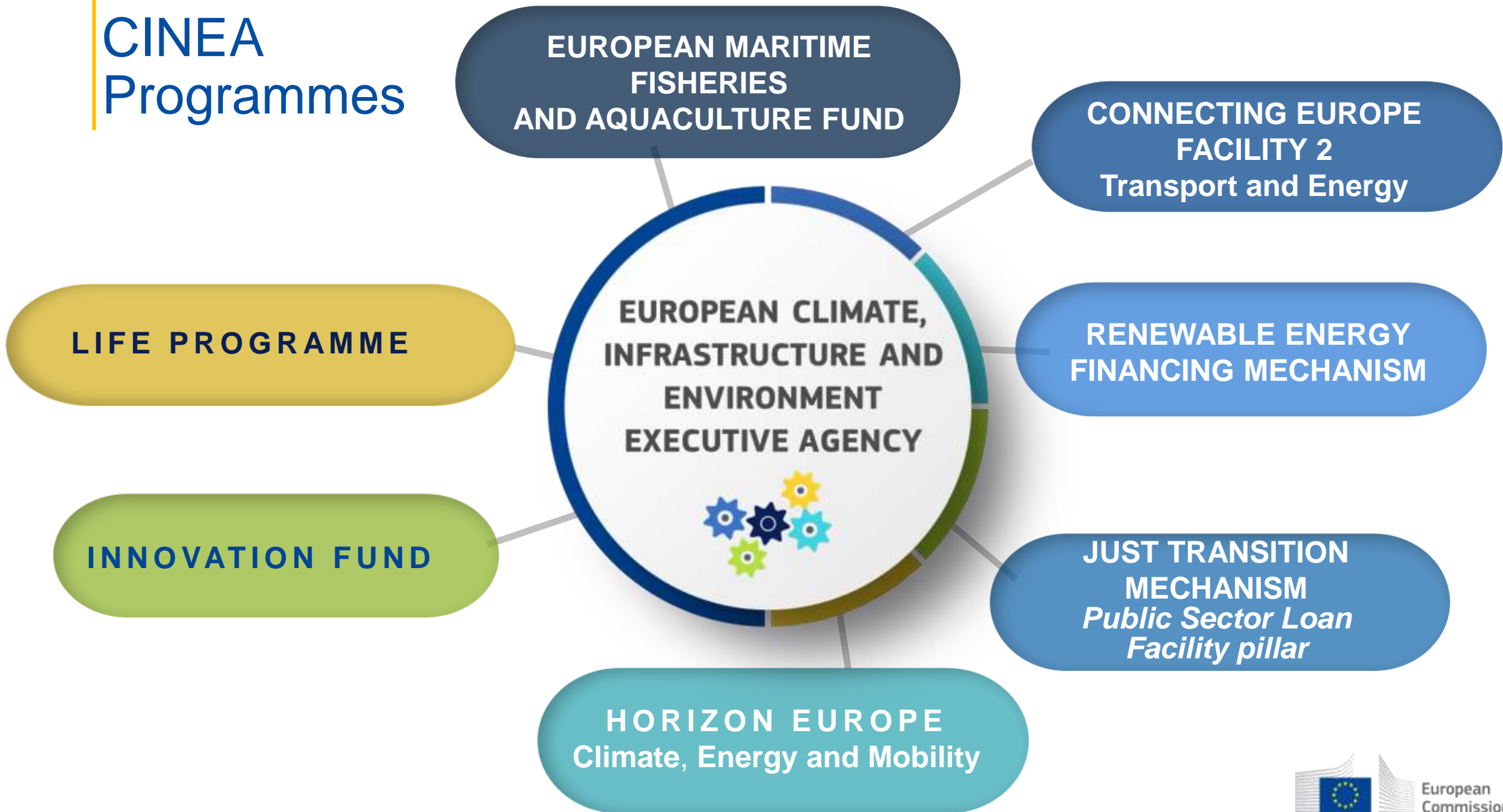


# ***A dynamic EU landscape for algae projects: recent developments and examples***

**EU4ALGAE session 2023**

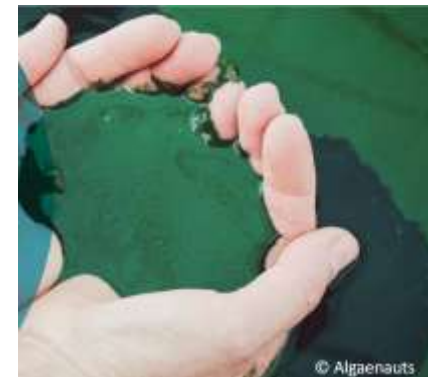
**Charlotte JAGOT, CINEA**

# CINEA Programmes



# EMFAF Microalgae projects

- Seafood Alternative: Fish substitute from algae to preserve marine wildlife and develop algaculture
- ALGAENAUTS: Eco-friendly and sustainable new family of biopesticides based on microalgae via circular economy approach



# EMFAF SEAWEED projects

- [ULVAFARM](#): Large scale sea cultivation of green seaweed
- [KELP-EU](#): An innovative, sector-leading seaweed biorefinery - enabling the European blue circular economy
- **To come:** regenerative ocean farming (600K€) – expected start 2<sup>nd</sup> Semester – sister project of COOLBLUE under Horizon Europe



# HORIZON EUROPE

## EU Mission – Restore our ocean and seas

### Regenerative ocean farming:

COOLBLUE (01/03/23)

C-FAARER (01/06/23)



### Low trophic aquaculture and Multi-use:

ULTFARMS , OLAMUR (01/01/23)

### North Sea and Baltic –algae product development

AlgaePro BANOS (01/04/23)

LOCALITY (01/06/2023)

# Other CINEA projects



- LIFE programme:
- **SUNALGAE**: enhancing efficiency of solar panels through the use of algae

## Horizon 2020 – Energy:

- **Prodigio** project developing early warning systems for improved microalgae production and anaerobic digestion



# Recent Horizon Europe projects



- [SEAMARK](#): Seaweed based market applications
- [CIRCALGAE](#): Circular valorisation of industrial algae waste streams into high-value products
- [REALM](#): Reusing Effluents from Agriculture to unLock the potential of Microalgae



**CIRCALGAE**

Food • Feed • Cosmetic



# Recent Horizon Europe projects



- [BOOSTER](#): (01/05/23) Boosting drought tolerance in key cereals in the era of climate change
- [NOVAFOODIES](#): (01/05/23) Demonstration of innovative functional food production systems based on a sustainable value chain of marine and freshwater raw materials for conscientious European consumers
- [SEACHEM](#): :(Marie Skłodowska-Curie) – (01/10/2022): Training a new generation of researchers in offshore seaweed aquaculture to produce high-value chemicals – doctoral network
- New projects of CBE JU undertaking just announced:  
<https://www.cbe.europa.eu/cbe-ju-call-2022-projects>



# Funding opportunities – ongoing



- **EMFAF:** Study to support Sustainable EU Algae Industry”- ongoing call for tenders until 20/06/23– 800K€
- **HORIZON EUROPE:** HORIZON-CL5-2023-D3-02-08 Development of microalgae and/or direct solar fuel production and purification technologies for **advanced** aviation and /or **shipping fuels**
- **CBE JU:** advancing competitive circular bio-based industries: Call for proposals 2023 - Call identifier: HORIZON-JU-CBE-2023-

€8m



Thank you!  
#BeGreenGoBlue