

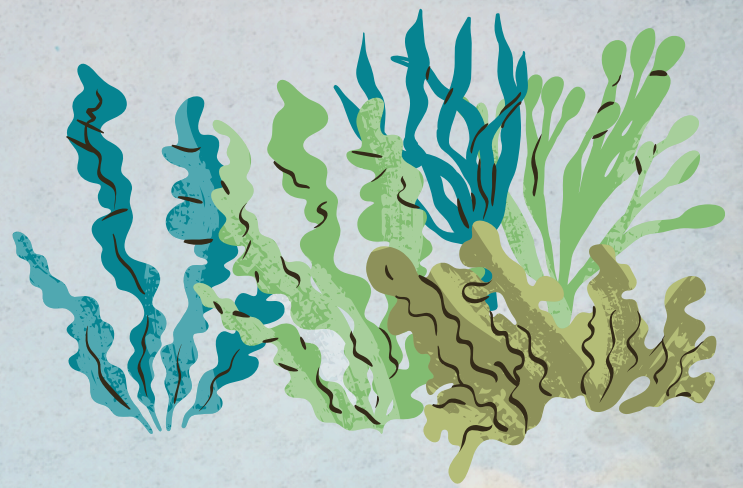
SEAGROW

SEAWEED IN ECOSYSTEM ENHANCING
AQUACULTURE FOR GROWTH AND SUSTAINABILITY.

Project Overview

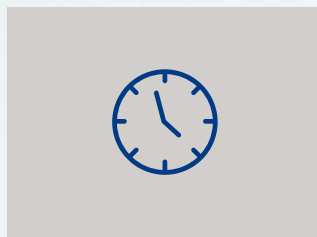
Demonstrate regenerative ocean farming for large scale seaweed cultivation with measurable environmental benefits and practical tools for replication across EU sea basins.

SEAGROW will deploy an innovative seaweed farming system in Irish waters and assess ecosystem effects including nutrients and carbon plus biodiversity outcomes. It will deliver standard operating protocols, environmental assessment approaches, and market and regulatory tools to reduce risk for deployment and support replication, including feasibility work for a Black Sea pilot.



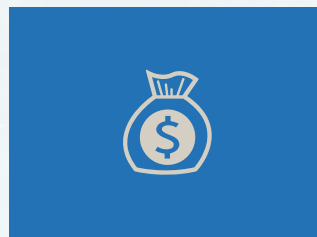
Call

EMFAF-2025-PIA-
FLAGSHIP -
OCEANFARMING



Duration

October 2025 -
September 2028
36 months



Budget

€1.428.077



Type of Action

EMFAF

Challenge and Need

Scaling seaweed ocean farming in Europe is still high risk due to regulatory complexity, limited standardised evidence on ecosystem impacts, and uncertainty around environmental compatibility, including in Marine Protected Areas.

Why SEAGROW Is Important?

SEAGROW builds the evidence base and practical tools needed to make regenerative ocean farming investable and replicable while aligning with marine biodiversity and water quality objectives.


Objectives

- ✔ Demonstrate a regenerative ocean farming seaweed cultivation system in Irish waters
- ✔ Generate harmonised environmental, biodiversity and lifecycle data for ROF performance
- ✔ Develop standard operating protocols and environmental assessment approaches that can be reused
- ✔ Provide regulatory barrier and MPA compatibility insights and policy relevant outputs
- ✔ Deliver market and deployment tools to support EU wide uptake and replication, including Black Sea feasibility


What SeaGrow Does



WP1
Project management




WP2
Regenerative Ocean Farming



WP3
Environmental Benefits and Biodiversity Gain



WP4
Business Case Development



WP5
Coordination, Dissemination, Exploitation and Communication

