BSB00584 Regular project

MACRO CLEAN

Research, Cleaning Methodologies, Economic Valorization and Pilot Application for Macroalgal Blooms

Overview

The overall objective of the project is to develop a comprehensive research methodology for studying macroalgae, enhance laboratory infrastructure, develop feasibility plans for macroalgae utilization, raise awareness among stakeholders and promote collaboration and innovative cleaning processes and technologies. The project aims to bring about a positive change in the current situation by contributing to the economic utilization of macroalgae, mitigating the impact of eutrophication and promoting sustainable resource utilization.

Road Ahead

- **Workshops to explore solutions for cleaning and reducing pollution from excessive macroalgae growth, highlighting their role in nutrient filtering and habitat creation**
- **An action plan for cleaning and pollution mitigation with performance indicators**
- **Trainings for students, farmers, industrialists, NGOs, and citizens on environmental impact awareness for coastal habitat protection**
- **Clean-up campaigns with boats, divers, and sea sweeper vehicles to collect litter from coastal areas**
- **Feasibility plans for pilot projects on producing fertilizer and bioplastics from macroalgae**
- **Training, mentorship session, demo event and support services for macroalgae start-ups to meet their needs**
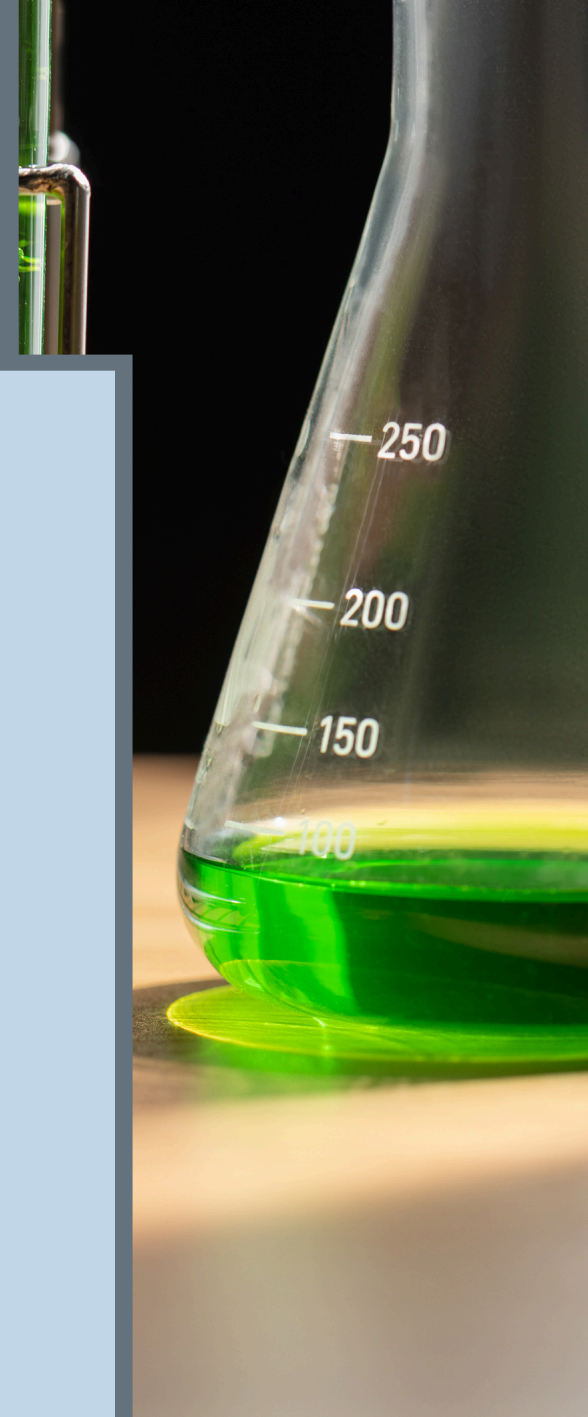
Partnership

Lead partner: University of Sinop Fisheries Faculty

Partner 2: Marmara Municipalities Union

Partner 3: Konstantin Preslavsky University of Shumen

Partner 4: Batumi Shota Rustaveli State University

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Countries

Figures

Total budget: 1.506.375,96 €
Interreg funds: 1.355.738,34 €

Start date: 18/09/2024
End date: 17/03/2027

4 organisations cooperating across borders/3 research organisations

2 jointly developed solutions
1 public event jointly organised