BSB00348 Regular project

BS-SEOS

Black Sea Smart Marine Environmental Outcome System

Overview

The Black Sea has significant potential for blue economy sectors, but challenges include increasing ecosystem resilience and mitigating multi-stressor impacts. The project aims to establish a standardized communication system for collecting and sharing environmental data from mobile stations and databases in the region. AI forecasting techniques will be integrated to generate accurate forecasts, enabling informed decisions and addressing challenges in the Black Sea.

Road Ahead

- **Review of BS-SEOS innovations against existing solutions, identify research gaps, explore good practices, and define system installation requirements**
- **Data dashboard that integrates data from the BS-SEOS Stations for user friendly environmental data collection**
- **AI Modeling and Software for analyzing environmental data to understand the relationships between environmental indicators**
- **Joint Data Center in Türkiye and Installation and System Integration of BS-SEOS Stations in each country to collect data on marine environment indicators**

Partnership

Lead partner: Turkish Employers Association of Metal Industries

Partner 2: Istanbul University

Partner 3: National Institute for Marine Research and Development Grigore Antipa

Partner 4: The National Environmental Agency

Countries

Figures

Total budget: 1.291.447,20 €
Interreg funds: 1.162.302,48 €

Start date: 01/10/2024
End date: 31/03/2027

4 organisations cooperating across borders

2 jointly developed solutions
7 public events jointly organised
2 pilot actions