

# BLACK SEA STORIES

*Presented by the Black Sea Assistance Mechanism*

## BRIDGE-BS: Advancing Black Sea Research and Innovation to Co-Develop Blue Growth Within Resilient Ecosystems

H2020-EU.3.2.3.3  
PROGRAMME -  
BOOSTING MARINE  
AND MARITIME  
INNOVATION  
THROUGH  
BIOTECHNOLOGY.  
TOPIC BG-11-  
2020 - TOWARDS  
A PRODUCTIVE,  
HEALTHY, RESILIENT,  
SUSTAINABLE, AND  
HIGHLY-VALUED  
BLACK SEA.

### KEY INFO

Total budget:  
€ 9,409,752

EU contribution:  
€ 8,999,877

Funders:  
European Union

Duration:  
June 2021 –  
November 2025

BRIDGE-BS is a Horizon 2020-funded Research and Innovation Action that focuses on the Black Sea's unique and threatened ecosystem services, in need of better management for the benefit of citizens dependent upon their sustainability. The project will develop tools and capabilities necessary to understand and predict the impacts of climate-driven and anthropogenic multi-stressors on the services stemming from Black Sea ecosystems while developing an ecosystem-based management framework to enable policy uptake and foster citizen engagement affecting the Black Sea. BRIDGE-BS aims to advance the Black Sea's marine research and innovation to co-develop Blue Economy pathways under multi-stressors for the sustainable use of the ecosystem services. Clustering around three main nodes including **Service Dynamics**, **Blue Growth Incubators**, and **Empowered Citizens**, BRIDGE-BS uses pilot study sites at the regional level. All their findings will support the three CMA goals and address the four pillars of the Black Sea SRIA, the Research and Innovation pillar of the CMA.

### RESULTS AND ACHIEVEMENTS:

Within the 1st year, on top of the **scientific outputs** stemming from research cruises, modelling framework, and publications, BRIDGE-BS also completed the first round of local **Living Labs**, which is an innovative aspect of the BRIDGE-BS providing socio-economic input to the project and outstanding exchanges between participants from multiple disciplines in order to engage local actors towards a sustainable blue economy in line with the CMA.

The launch of the **Virtual Blue Career Centre** (VBCC) and **Ocean Literacy Network** (OLN) digital platforms, structured around the project website, has started attracting young and experienced workers to knowledge exchanges, helping to fill existing skill gaps by supporting activities that will increase ocean literacy, awareness of the workforce and employability in key Blue Economy services in the region which are priorities under CMA Goal 2.

Furthermore, the project organised a **Summer School** in late August 2022 in Istanbul Türkiye and is planning the hybrid format **High-Tech Summit for the Black Sea** organised under Blue Growth Incubators Node to bring different projects and initiatives focusing on blue economy solutions (27-28 September 2022 in Varna, Bulgaria).

With the research and activities carried out so far, BRIDGE-BS has changed its focus towards greater achievements for the Black Sea intending to be a bridge between the Black Sea and all seas and oceans. In the upcoming years of the project, BRIDGE-BS will continue to deliver the research, improve the knowledge and empower the citizens for a better-valued, sustainable, and healthy Black Sea.



**CMA GOAL 1** – Healthy marine and coastal ecosystems



**CMA GOAL 2** – A competitive, innovative and sustainable blue economy for the Black Sea



**CMA GOAL 3** – Fostering Investment in the Black Sea Blue Economy



TO GO FURTHER:     
[helpdesk@blackseablueeconomy.eu](mailto:helpdesk@blackseablueeconomy.eu)

Reference: EASME/EMFF/2020/3.1.2

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 <http://bridgeblacksea.org/>

**BSYAP Webpage:**

<http://bridgeblacksea.org/index.php/young-ambassadors/>

**Virtual Blue Career Center:**


<http://bridgeblacksea.org/index.php/virtual-blue-career-center/>

**Ocean Literacy Network:**

<http://bridgeblacksea.org/index.php/ocean-literacy-network/>

 <https://www.facebook.com/BRIDGEBlackSea>

 <https://twitter.com/BRIDGEBlackSea>

 <https://www.youtube.com/channel/UCgaxyqlErpNsgAisWIZKBIA>

 <https://www.linkedin.com/company/76497380/>

 <https://www.flickr.com/photos/195405273@N03/>

**High-Tech Summit for the Black Sea:**

<http://bridgeblacksea.org/index.php/2022/06/01/save-the-date-for-the-high-tech-summit-for-the-black-sea/>

### COUNTRIES & PARTNERS INVOLVED



Middle East Technical University - The Scientific and Technological Research Council of Türkiye, Marmara Research Center - The Economic Policy Research Foundation of Türkiye - Central Fisheries Research Institute - Turkish Marine Research Foundation - Istanbul University Institute of Marine Science And Management - University of Sinop ([Türkiye](#))



Institute of Oceanology-Bas - Institute of Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences - Marine Cluster Bulgaria ([Bulgaria](#))



National Institute of Marine Research and Development "Grigore Antipa" - Institutul National De Cercetare Dezvoltare Pentru Geologie Si Geoecologie Marina - ([Romania](#))



The Ukrainian Scientific Center Of Ecology of The Sea ([Ukraine](#))



Ivane Javakhishvili Tbilisi State University ([Georgia](#))



Ghitu Institute Of Electronic Engineering And Nanotechnologies ([Moldova](#))



CrowdHelix Limited ([Ireland](#))



University of Liege - European Marine Science Educators Association - European Marine Board Ivzw ([Belgium](#))



Athens University Of Economics And Business - Indigo Med - International Centre For Black Sea Studies - Hellenic Centre For Marine Research ([Greece](#))



Stockholm University ([Sweden](#))



Centro Tecnológico del Mar, Fundación Cetmar ([Spain](#))



Denmarks Technical University ([Denmark](#))



Stratégies Mer et Littoral - Conference of Peripheral Maritime Regions - Institut Français de Recherche pour l'exploitation de la Mer ([France](#))



National Research Council ([Italy](#))

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