

2B-BLUE

Boosting the Blue Biotechnology Community in the Mediterranean

Smart Bay as demo site

Interreg
Euro-MED



Co-funded by
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AGENZIA NAZIONALE PER LE
NUOVE TECNOLOGIE, L'ENERGIA E LO
SVILUPPO ECONOMICO SOSTENIBILE



Smart Bay Santa Teresa

un osservatorio sul mare,
una rete per il territorio

Convegno
27 Novembre 2025

B-Blue: Building the Blue Biotechnology community in the Mediterranean (2020-2022)



B-Blue project aimed at gathering the key actors of the Med BBt sector and increase their innovation capacity and their coordination in order to unlock the innovation potential in the field through joint transnational initiatives, involving also organizations from the Southern Shore of the Mediterranean



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2B- BLUE aims to capitalize on B-Blue positive results to:

- 1) Exemplify evidence-based best practices** identified to help communities turn BBt research into practice.
- 2) Build national demonstration sites (DS)** to experiment emerging technologies or practices in local field conditions and bridge the gap among BBt research and industry for new technologies adaptation while help improve marine environment.
- 3) Establish strategic alliances of 5-helix stakeholders** for the uptake of advanced blue biotechnologies by Med industries.
- 4) Improve regional policies** for enhancing sustainability, research and innovation capacities in Euro-Med area.

1. University of Murcia (UMU) - Spain
2. Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA) - Italy
3. National Institute of Biology - Marine Biology Station Piran (NI) - Slovenia
4. National Research Council - Institute for Biological Resources and Marine Biotechnologies (IRBIM-CNR) - Italy
5. Hellenic Centre for Marine Research - Institute of Oceanography (HCMR) - Greece
6. Business and Innovation Sea Cluster - Toulon Var Technology (PMM-TVT) - France
7. Albanian Center for Environmental Protection and Sustainable Development (ACEPSD) - Albania
8. Albanian Development Fund (ADF) - Albania
9. Marine Technology Centre (CTN) - Spain
10. French Research Institute for the Exploitation of the Sea (IFREMER) - France

+ North African associated partners



Mapping of Blue Biotechnology best practices and stakeholders



Through the BBHubs Network
(Spain, Greece, Italy, France, Slovenia and Albania)

Demo-sites - Demonstration-sites based on public-private partnerships and intended as a physical space (**Living Lab approach**) where **to test and demonstrate**, in real life environment, **novel Blue Biotechnologies solutions**.

T-Labs - Transformative Labs with direct involvement of **5helix** stakeholders and **key actors to promote in-depth transformations in socio-technical systems** (rules, regulations, technologies, practices, user preferences, infrastructure and cultural expectations).



Spain

France

Italy

Slovenia

Albania

Greece

TRASFORMATION LAB
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