



2B-BLUE

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*Boosting the Blue Biotechnology community in the
Mediterranean*

**2nd Spanish T-Lab:
BBHubs Collaboration on Macro - Microalgae and Marine Nature
Based Solutions. From Demo Sites to MedBlueTech 2025**

25 - 26 November 2025

The 2B-BLUE project presents a two-day collaborative activity aimed at strengthening BBHubs (Demonstration Sites and T-Lab's activities) cooperation across the Mediterranean and North Africa.

Day 1 is a closed session for 2B-BLUE partners, focused on collaboration between BBHubs. It includes a visit to the Spanish Demo Site to advance pilot actions on macro- and microalgae and the implementation of Marine Nature-Based Solutions (NBS).

Day 2 gathers participants at the MedBlueTech Summit 2025 conducting a Transformative Lab with an international overview to foster knowledge exchange, public-private collaboration and partnerships with key actors of blue economy.

This event aims to open new collaboration pathways, promote the transfer of knowledge, and reinforce sustainable marine innovation across the Mediterranean.





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Day 1: Collaborative Visit to the Spanish Demo Site: Implementation and Modelling for Transferring of Marine Nature Based Solutions and Demonstration-Sites

Date: 25 November

Location: Mediterranean Algae facilities and Port of Alicante ([Avinguda d'Elx, 157, nave 4, 03008 Alicante](#))

Participants: ENEA (Italy), HCMR (Greece), IFREMER (France), UMU and CTN and Mediterranea Algae (Spain).

Agenda

10:00 - 10:30 Welcome and Reception at *Mediterranea Algae* facilities.

10:30 - 12:30 Technical Visit to Mediterranea Algae Facilities:

Guided tour through the cultivation, processing and quality control areas for macroalgae production. Presentation of monitoring data and key technical and environmental outcomes.

12:30 - 14:00 Field Visit to the Alicante Port Demo Site. Macroalgae Water Bioremediation through ICT:

Demonstration of pilot results and open discussion on the modelling and transferability of the Spanish Demo-site to other local and regional contexts.

14:00 - 15:00: Working Lunch and Networking Session:

exchange of experiences and lessons learned from the implementation of Demo-sites in Spain Italy, Greece, and France and enhancing collaboration among DS.

15:00 - 16:00: Next steps and proposal of common activities:

Identification of opportunities for integration within DS and *T-Labs* programmes and discussion of next steps for upscaling collaborations.





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Day 2: MedBlueTech Summit 2025

Date: 26 noviembre 2025

Location: Casa Mediterráneo, Alicante

Agenda

08:30 - 09:00 Registration and Welcome Coffee

Networking in the main hall (with stands and tables of innovative companies – showcase organised by the University of Alicante Science Park and BIOVAL).

09:00 - 09:30 Opening Session

- Mr Carlos Mazón, *President, Generalitat Valenciana* (TBC)
- Mr Luis Rodríguez, *President, Port Authority of Alicante*
- Mr Luis Barcala, *Mayor, City Council of Alicante* (TBC)
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09:30 - 10:00 Keynote Address

Manuel Pleguezuelo (DG MARE, online)

Topic: *Blue Economy Policies at EU Level*

10:00 - 10:45 Round Table 1 - Bioremediation & Ports

Theme: *From Marine Bioremediation to Sustainable Ports*

Moderator: TBC

Speakers:

- Yago Sierras (*Mediterranean Algae*) – Port bioremediation
- Inés Picazo (*Saggas*, TBC) – Sustainability and energy
- David de Haro (*MundoMarino / Maritime Cluster of Levante*)
- Javier Jerez – Head of Environment, *Port Authority of Alicante*

10:45 - 11:15 Coffee Break & Networking

11:15 - 12:00 Round Table 2 - Transformative Lab for Scaling Blue Innovation Solutions

Workshop held within the framework of the 2B-BLUE and ThinkInAzul projects through TOKENCO2 and BLUEDATA SPACE initiatives.





The session will showcase demonstration sites promoting public–private collaboration and best practices in sustainable blue economy initiatives, aiming to facilitate their implementation and replication across the Mediterranean.

Moderator: Ferran de Rojas (*Chair in Blue Economy, University of Alicante*)

Speakers:

- José Manuel Antón García, *Marine Technology Centre*. **Strengthening public-private collaboration in blue biotechnologies** to validate good practices in real-life environments
- Antonio Skarmeta and Jesús Argente, *University of Murcia*. **Demo Site in Spain: BIORREMEDALGAE & TOKENCO2** - Bioremediation with macroalgae and carbon footprint tokenisation for environmental sustainability in ports and maritime-fishing activities
- Judit Jiménez Casero, *University of Murcia*. **BLUE DATASPACE: Enhancing data governance and information use** in aquaculture, fisheries, port environments and sustainable tourism
- Emmanuel Rezzouk, *IFREMER (France)*. **Public-private innovative solutions in blue biotechnologies in France**
- Chrysa Efstratiou, *HCMR (Greece)*. **Integrated Mussel-Holothurian Farming in Greece: a nature-based approach for sediment bioremediation and biomass yield**

12:00 - 12:30 Round Table 3 - Aquaculture & Blue Food Futures

Theme: *Challenges and Opportunities in Mediterranean Aquaculture*

Moderator: Mar Cervera (*Science Park, University of Alicante*)

Speakers:

- Eloy Meseguer (*Derwent Aquaculture*)
- Tahiche Lacomba (*AVRAMAR*)
- Alejandra Abellán (*University of Murcia*) and Carlos Otero (*External Consultant*) – *App Lonja 2.0: Promoting short distribution channels and the consumption of local fish*

12:30 - 12:50 Round Table 4 - Euro - North Africa Blue Cooperation

Theme: *Bridging Europe and North Africa through Blue Biotechnology*

Moderator: Casa Mediterráneo

Speakers:

- Gonzalo Martín (*Hispano-Algerian Trade Circle*)
- Prof. Hussein Abdel-Shafy (*NRC, Egypt*) – TBC
- Amaia Rodríguez (*Gravity Wave*) – *Marine Circular Economy*



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12:50 - 13:15 Round Table 5 - Blue Governance: The Role of Institutions in Marine Innovation

Moderator: *Esteban Pelayo (TBC)*

Speakers:

- Elisa Díaz, *Director, ImpulsAlicante*
- Obdulio Serrano, *Head of Sustainability and Environmental Management, Puertos del Estado*
- *Port of Mahón / Balearic Islands representative – Nitrates Regulation Plan. TBC*

13:15 -13:45 Closing Session & Demo Showcase

- Presentation of conclusions and next steps
- On-site visit to the BIOREMED ALGAE pilot at the Port of Alicante

13:45 - 15:00 Networking Lunch

In the main hall, with company stands and project displays.





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Annex:

MEDBLUETECH SUMMIT 2025

INFORMATION

MEDBLUETECH SUMMIT 2025
Casa Mediterráneo, Alicante

An international forum on
marine biotechnology
and port sustainability.

**26/11
2025**

ORGANIZES & COLLABORATES

bioval
CLUSTER BIO COMUNIDAD VALENCIANA

Mediterranean
algae

CASA MEDITERRANEO

IMPULSALICANTE

ALICANTE PORT
Autoridad Portuaria de Alicante

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in think
environment and farming

Financiado por
la Unión Europea
NextGenerationEU

Plan de Recuperación,
Transformación
y Resiliencia

Parque Científico
Alicante

UNIVERSIDAD
DE MURCIA

GOBIERNO DE ESPAÑA
MINISTERIO DE ECONOMÍA Y ASUNTOS EXTERIORES

2B-BLUE organised the Round Table 2: Workshop: Transformative Lab (T-Lab) for Scaling Blue Innovation Solutions.



MEDBLUETECH SUMMIT 2025

Casa Mediterráneo, **Alicante**

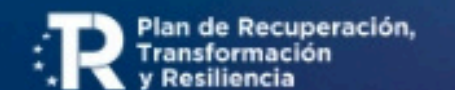
An international forum on
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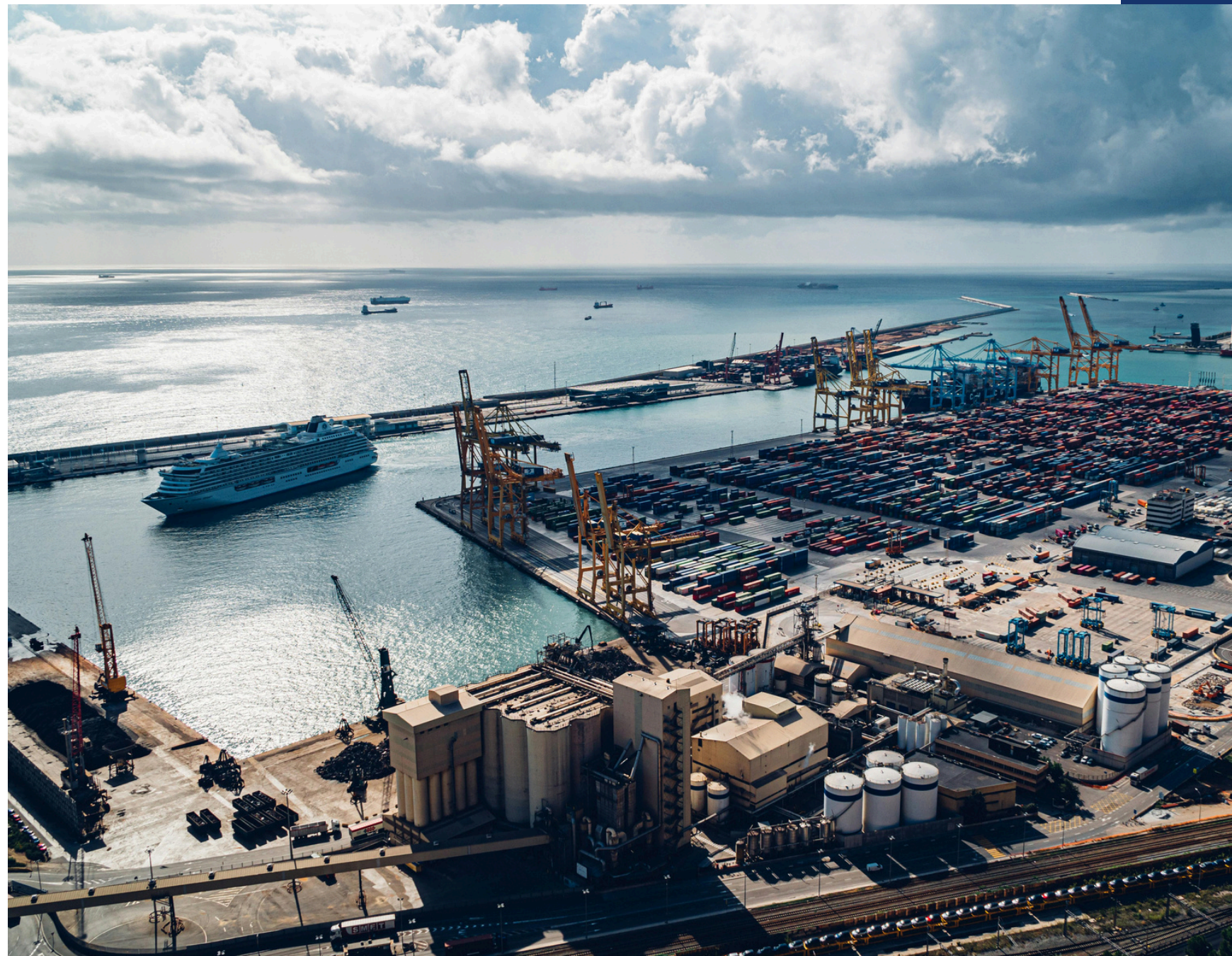




INTRODUCTION

MedBlueTech Summit 2025 emerges as the first benchmark forum in Alicante bringing together public administrations, innovative companies, research centers, and international organizations around blue biotechnology and port sustainability, with a focus on Nature-Based Solutions (NbS).

With an international vision, the event aims to establish itself as an annual meeting point for key players in the Mediterranean blue economy.



Alicante 2025
MEDBLUETECH SUMMIT

OBJECTIVES

- Position Alicante as a benchmark in marine innovation and port sustainability.
- Promote public–private collaboration around the blue economy.
- Attract startups and European projects related to marine biotechnology.
- Foster the economic, scientific, and environmental development of the port area.
- Strengthen the international projection of the Valencian Community.

TARGET AUDIENCE

- Innovative companies in the marine, technology, and environmental sectors.
- Startups and entrepreneurs in the blue-tech field.
- Public administrations and port authorities.
- Research centers and universities.
- European funds, investors, and financial institutions.
- Specialized media outlets.
- International organizations related to sustainability and ocean affairs.



PROGRAMME

08:30 – 09:00 Registration and welcome coffee

09:00 – 09:30 Institutional opening

09:30 – 10:00 Opening Keynote: Blue Economy policies at EU level

10:00 – 10:45 **Round Table 1: Bioremediation & Ports.**

From Marine Bioremediation to Sustainable Ports.

10:45 – 11:15 Coffee break & Networking

11:15 – 12:00 **Round Table 2: Workshop**

Transformative Lab for Scaling Blue Innovation Solutions.

12:00 – 12:30 **Round Table 3: Aquaculture & Blue Food Futures.**

Challenges and opportunities in Mediterranean aquaculture

12:30 – 12:50 **Round Table 4: Euro–North Africa Blue Cooperation.**

Building bridges between Europe and North Africa through Blue Biotech.

12:50 – 13:15 **Round Table 5: Blue Governance**

The Role of Institutions in Marine Innovation

13:15 – 13:45 **Closure + Demo Showcase**

13:45 – 15:00 **Lunch & Networking at the exhibition area**

17:00 – 19:00 Visit to Santa Bárbara Castle (optional)

SHOWCASE INNOVATIVE COMPANIES

A dedicated space will be set up in the main hall of Casa Mediterráneo, featuring corners for innovative companies, technology centers, and startups from the Valencian Community.

The goal is to create a dynamic environment that fosters idea exchange, live demos, product presentations, and collaborative synergies.



An aerial photograph of the city of Alicante, Spain, showing the harbor, the city center with its dense buildings, and the surrounding landscape. The harbor is filled with many small boats and yachts. The city is built on a hillside, and the harbor is a deep blue color. The sky is clear and blue.

EXPECTED IMPACT

Economic: Revitalization of the port sector and generation of investment opportunities.

Scientific: Promotion of knowledge transfer and blue innovation.

Environmental: Advancement of sustainable solutions for the marine environment.

International: Consolidation of Alicante as a strategic hub for the blue economy in the Mediterranean.

ORGANIZES AND COLLABORATES



For more information

CONTACT US

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 <https://bioval.org/events/medbluetech-summit-2025/>