



B I O B A S E D
 Development support of blue biorefinery in the Adriatic Sea

The project

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| <p>Partnership:</p> <ul style="list-style-type: none"> • University of Foggia • National Research Council - IRBIM • Mediterranean Aquaculture Association • University of Dubrovnik • Center for Entrepreneurship | <p> Total budget:
€ 1.260.245,92</p> <p> ERDF:
€ 1.008.196,73</p> <p> Duration:
01.04.2024 - 30.09.2026</p> <p> EU Programme:
<u>Interreg Italy-Croatia 2021-2027</u></p> |
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Meetings & Events

B-VISA2030 - October 1-2, 2024



Re-Think 2024 - October 3, 2024



Busy months for the BIOBASED project, which has strengthened its national and international presence by participating in key events dedicated to sustainable innovation. At the **B-VISA2030 International Seminar**, promoted by the Puglia Region, Professor Matteo Francavilla from the University of Foggia highlighted the great potential of algae cultivation in the Southern Adriatic, illustrating the benefits and future opportunities of this rapidly growing sector. Following that, at the **Circular Bootcamp - Taranto** during **Re-think Circular Economy Forum 2024**, the project was at the heart of the discussion on the importance of enhancing water and marine resources through circular and innovative approaches. BIOBASED also took part in **Motore Italia "Puglia Orizzonti"**, the national roadshow organized by Milano Finanza, seizing the opportunity to present itself to an audience of institutions, businesses, and investors, and demonstrating how research and technology can transform Apulia into an international benchmark for sustainable growth. The final stop in this journey was **AQUAFARM 2025**, the most important event dedicated to aquaculture and algaculture, where, together with IRBIM CNR partners, the project explored new biorefinery solutions and paved the way for strategic collaborations for the future.



Motore Italia "Puglia Orizzonti" - November 7, 2024



AQUAFARM 2025 - February 12-13, 2024

2° Steering Committee
 March 17-18, Cattolica

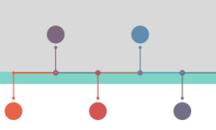


Hosted at the charming "Casa del Pescatore" by AMA – Mediterranean Aquaculture Association, the second Steering Committee and project meeting brought together partners to discuss the progress achieved, plan upcoming activities, and strengthen collaboration for the development of innovative blue biorefineries in the Adriatic. The meeting concluded with a pleasant social dinner, celebrating the work accomplished and the shared enthusiasm for the challenges ahead.

Catalogue of Adriatic Macroalgae: A strategic Resource for the Bioeconomy
 A key asset for the bioeconomy



With the goal of identifying species with the highest biotechnological potential, the catalogue includes approximately **300 native macroalgae species** from the Adriatic area, categorized by taxonomic class, geographic origin, and potential industrial applications, and linked to scientific sources and images through the digital platform AlgaeDex. Sampling activities were carried out in three strategic areas: the Gargano coast along the Lesina and Varano lagoons in Apulia; the Emilia-Romagna coast at Fosso Venarella – Cesenatico; and in Croatia, in the Bay of Mali Ston. This initiative represents a key step in selecting the most promising species to be tested in Integrated Multi-Trophic Aquaculture (IMTA) systems and in promoting the sustainable valorization of Adriatic marine biodiversity. It fosters technology transfer to businesses and territories within the framework of the circular bioeconomy. DNA barcoding of the sampled species is currently underway and will enable precise genetic identification, enhancing the scientific reliability of the catalogue and laying the groundwork for the creation of a local genetic database.



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