



ARIBIOTECH

Transforming
marine waste into
valuable products

PROJECT TITLE **Blue Biotechnology Research and Innovation Alliance for Marine Litter Recovery**

IMPLEMENTATION PERIOD 08.06.2022 – 31.12.2023

ORGANISATIONS INVOLVED Institut National des Sciences et Technologies de la Mer-INSTM- Biotechnologie Bleue et Bio-produits Aquatiques B3Aqua (TN); Institute for the Study of Anthropogenic Impacts and Sustainability in the Marine Environment – National Research Council IAS-CNR (IT); Sicily Experimental Zooprohylactic Institute (IT); University Consortium of the Province of Trapani (IT); Sidi Thabet Technology Park (TN); General Directorate of Scientific Research at the Ministry of Higher Education and Scientific Research DGRS (TN); APIP Agency for Ports and Fishing Facilities (TN)

PROGRAMME Italy – Tunisia
ENI CBC 2014-2020



TOTAL BUDGET 1.424.057,72 €

What to do with waste found in ports, from fish processing and sediments dredging? AriBiotech is focused on promoting the recovery of marine litter in Italy and Tunisia. It does this by transforming it into useful products, which helps boost local economies and supports industries that rely on the sea. At the end of a process of research and complex laboratory procedures, partners have turned seafood waste into packaging and dietary supplements, and they have used Mediterranean tapeweed (*Posidonia Oceanica*), a seagrass species and waste, to make aerogels which are good for cosmetic purposes. These efforts align with the idea of a circular economy, where resources are reused rather than discarded. AriBiotech also works with local communities to ensure the success of its projects, hosting events to share knowledge and build partnerships across borders. The project has created practical tools like handbooks and guidelines to help others use marine waste effectively, while advocating for greater use of marine biotechnology.



WASTE TREATMENT AND RECYCLING

ENVIRONMENT



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the European Union

