#EMD2023



#EMDinMyCountry

EMD

EUROPEAN MARITIME DAY

IN MY COUNTRY

TUNISIA

AT CARTHAGE MUSEUM

THE 26-09-23

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Coopération transfrontalière ITALIE TUNISIE

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REGIONE SICILIA

#EMDinMyCountry EMD EUROPEAN MARITIME DAY IN MY COUNTRY

PATINER

ARIBiotech
Alliance de R&I en Biotechnologie bleue pour la valorisation des déchets marins

European Commission

CONNECTING INNOVATORS TO ENTREPRENEURIAL ECOSYSTEMS

European Maritime Day in Tunisia at Carthage Museum the 26-09-23

To date, the adoption of circular economy practices with respect to global standards in the aquatic production sectors in Sicily and Tunisia has been slower than in many other parts of the world. The endorsement of projects such as ARIBIOtech and Patiner are contributing to answer such challenges in the cross-border area.

ARIBIOTECH & PATINER: INTERCONNECTING RESEARCH & INNOVATION IN KEY SECTORS

As part of a circular economy approach; ARIBiotech aims to strengthen R&I ecosystems in marine biotechnology in synergy with the entrepreneurial environment to promote aquatic coproduct and waste recycling. The PATINER project, for its part, aims to promote research and development through an innovative integrated Aquaculture system based on the design of an artificial food chain that enables one species to find a source of food in the waste of other species.



Punic port - Carthage

Par Mehdi Ben Gharbia — Travail personnel, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=28025018

They are conducted within the ENI Italy-Tunisia Cross-Border Cooperation 2014-2020 programme.

We will meet in an emblematic site of Carthage: the INSTM oceonographic museum.



"The aqua-food systems within the global changes: between research and innovation extension and the rise of international standards"

CONTRIBUTING TO CIRCULAR ECONOMY, HOW TO DO?

Q : What is blue biotechnology contribution ?

R : The treatment of waste in various forms is expanding to remedy the critical overload that the world is witnessing. These treatments strongly depend on research/innovation (RI) andtechnological/biotechnological progress. Aquatic matrices and blue biotechnology are special, but are essential for sustainable development in the cross-border area.

Q : Can aquaculture be sustainable?

R : If aquaculture tends to meet its sustainable goals, it must improve its economic profitability and environmental performances. The IMTA is an Integration of finfish with non-fed organisms. It's a promising option in achieving better economic and environmental benefits.

We will share with you!



"Dar el Hout" Punic port - Carthage

THE ATELIER CAFÉ

REGULATION AND LEGISLATION RELATED TO AQUATIC COPRODUCTS & WASTE

Generally, by-product seafood occurs at post-harvest and processing stages of the supply chain. Adding value to fisheries by-products or aquatic waste to extract bioactive, to make ingredients, and high-value organic products open up new opportunities to produce alternative protein and hydrolysates of interest to various industries including aquaculture.

However, under the constraint of dependency on several factors including:

- the features of seafood processing plants linked to local territory characteristics,
- the rising concerns of consumers for a healthy food
- and the lack of specific reglementation related to seafood in general,

therefore we have an urgent need to ensure the adjustment and the harmonisation of the current reglementation related to marine waste valorisation and utilisation.



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