

Alliance of Technology Clusters of the Mediterranean macro-region

Towards the future of blue growth in the Adriatic and Ionian Basin
Rimini, 7th July 2023

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TECHNOLOGY CLUSTER BLUE ITALIAN GROWTH: TECHNOLOGY TRAJECTORIES



CLUSTER BIG: INTERNATIONALISATION IN THE MEDITERRANEAN

Founding Member of the **WESTMED MARITIME CLUSTER ALLIANCE (WCMA)**



MEMORANDUM OF UNDERSTANDING

- ✓ Cluster Maritime Tunisien
- ✓ Fórum Oceano – Associação da Economia do Mar (FO)
- ✓ Clúster Marítimo Español (CME)
- ✓ Mauritanian Maritime Cluster

DIPLOMATIC REPRESENTATIONS: Italian Embassy in Cairo, Italian Embassy in Tunis, Italian Embassy in Senegal

EUROPEAN PROJECT PARTNERS



PORTUGAL



GREECE



FRANCE



MALTA



SPAIN



ITALY



CHALLENGES RELATED TO BIOECONOMY

AQUACULTURE AND FISHERIES

- Development of **new technologies low environmental impact plants and optimal production systems**
- Support transition toward **low carbon ships**
- **Decarbonisation**, reduction of fossil fuels and CO2 pollution.
- New transformation processes use and applications recovering **fish wastes and residues**

SUSTAINABLE TOURISM

- Development of **new technologies** for local authorities to mitigate risks and offer products and services towards **CO2 emissions reduction**.

PORTS

- Development of **green ports: reduction of Co2 footprint, pollutants waste, increase energy efficiency** and development of new **circular economy approaches**
- New design of **ships and vessels** to be **more sustainable, safe, connected, autonomous energy sources** and in a circular economy perspective

MARINE RENEWABLE ENERGIES

- Support in development of **MRE projects**
- Design and optimization of **devices of energy exploitation**
- New **Ocean Renewable Energy storage solutions**
- Environmental monitoring, ecosystem protection and biodiversity conservation through **robotics solutions** (...)

MAIN ACTIONS

Financing services to SMEs to tackle the challenges:

- **Open innovation**
- **Twin transformation**
- **Ideation**
- **Acceleration**
- **Consulting**
- **Training**
- **Internationalisation & matchmaking** (with indirect impact on Southern shore countries)

TARGET COUNTRIES

Direct impact

Italy
Portugal
France
Greece
Spain

Indirect impact

Tunisia
Algeria

Overall budget: 1.399.384,18 €
(September 2022 – August 2024)

CHALLENGES RELATED TO BIOECONOMY

COASTAL AND MARITIME TOURISM SECTORS

- innovative solutions and products for **water and energy saving** for hotels, camping and/or touristic facilities
- Innovative solutions and products to guarantee **water quality to coastal and insular facilities**

MAIN ACTIONS

Financing services to SMEs to tackle the challenges:

- **Open innovation**
- **Twin transformation**
- **Ideation**
- **Acceleration**
- **Consulting**
- **Training**
- **Internationalisation & matchmaking** (with indirect impact on Southern shore and LATAM countries)

TARGET COUNTRIES

Direct impact

Italy
Portugal
Greece
Spain

Indirect impact

Tunisia
Morocco
LATAM

Overall budget: 1.399.612,43 €
(September 2022 – August 2024)

MARMED PROJECT (ERASMUS+)

CHALLENGES RELATED TO BIOECONOMY

BLUE & CIRCULAR ECONOMY

- **Increase education and employment** to reach and empower NEETs and young women by **providing expendable skills** in the labor market, with focus **on blue & circular economy**
- Develop **increasing knowledge of maritime clusters manager** to tackle issues related to blue economy sectors, **with positive impacts on the bioeconomy**

MAIN ACTIONS

- Gaps analysis of maritime clusters managers' skills
- Training of new maritime clusters manager

TARGET COUNTRIES

Direct impact

Italy
Portugal
Greece
Malta

Indirect impact

Southern shore
countries

Overall budget: 400.000,00 €
(January 2023 – December 2024)