



**ENI
CBCMED**
Cooperating across borders
in the Mediterranean



Programme funded by the
EUROPEAN UNION



**REGIONE AUTÒNOMA
DE SARDIGNA
REGIONE AUTONOMA
DELLA SARDEGNA**

Sinergie per la Blue Economy nell'Area Mediterranea. Il Programma ENI CBC MED.

Roma – 4 ottobre 2022

COMMON e PLASTIC BUSTERS CAP

Stefania Di Vito – Legambiente ONLUS



**Dipartimento per le Politiche di Coesione
Presidenza del Consiglio dei Ministri**



PAC CTE
2014 - 2020
PROGRAMMA COMPLEMENTARE DI AZIONE E COESIONE
GOVERNANCE NAZIONALE DEI PROGRAMMI DELL'OBIETTIVO
COOPERAZIONE TERRITORIALE EUROPEA 2014-2020



*Agenzia per la
Coesione Territoriale*



**REGIONE
PUGLIA**



**REGIONE
LAZIO**



COastal Management and MOonitoring Network

for tackling marine litter in Mediterranean sea



The COMMON project aims at applying the **Integrated Coastal Zone Management (ICZM)** principles to tackle marine litter in **5 pilot coastal areas**, through a local coordination and the Mediterranean networking among different stakeholders, promoting an effective participatory approach.

The purpose is to test a model transferable across the Mediterranean basin.

COMMON

Specific objectives:

- Testing an **integrated strategy for marine litter management and disposal at coastal level** that could be transferred to the whole Mediterranean area.
- **Building multi-stakeholder networks at basin-level** for tackling marine litter in a coordinate and integrated manner.
- **Enhance the capacity of public authorities in 5 pilot areas** to plan for sustainable management, use and monitoring marine litter sources, treatment and consequences, employing an effective participatory approach involving relevant stakeholders and local communities.

Work Packages:

Improving knowledge of litter sources and impacts, harmonizing protocols and methodologies

Institutional capacity building in tackling marine litter throughout ICZM plan

Building permanent stakeholders forums for participative ICZM plans





A cross boarder PARTNERSHIP



Associated partners

- Municipality of Grosseto
- Municipality of Castiglione della Pescaia
- Tyre municipality
- Centre national de Veille Zoo sanitaire (CNVZ)

Synergies



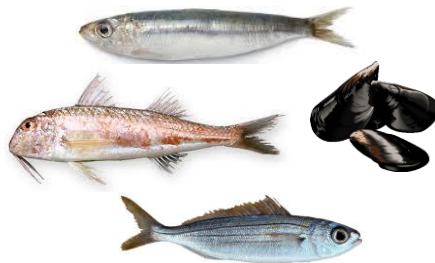
MONITORING ACTIVITIES

Three fold monitoring approach
considering
plastic detection
plastic tracers detection,
biomarkers detection.



- **macro-and microplastics survey** and sampling;
- **microplastics polymer diagnosis** (sources identification);
- evaluation of microplastics **impact on species**;
- assessment of **ML sources**;
- **sampling and survey of sentinel species** in the pilot areas.

Impacts on fishes
of commercial
interest



Impacts on turtles (as
endangered species)
dead and alive



Harmonize diagnosis techniques
in the Environment and in Biota

The identification of ML sources in order to design
effective mitigation actions in the 5 pilot coastal areas



100 GENERAL PUBLIC, CSOs, SCHOOLS,
Environmental NGOs

- **cleaning up campaign** of beaches, coasts and seabed.
- **Beach litter monitoring** activities to quantify, characterize and remove ML
- “best ML reduction initiative” contest for schools

240 TOURIST
OPERATORS

- **information campaign** to raising awareness and to improve the waste management
- **survey** about habits of use and about litter awareness

35 FISHERMEN, Port Authorities
& COOPERATIVES

- Directly involved in **ML disposal**
- **trained** through seminars and workshops
- **Cleaning campaign** with the help of the fishermen
- Cooperation with TRCs for sea **turtle rescuing**

30 TURTLE RESCUE
CENTERS

- Directly involved in ML monitoring and disposal
- **trained** through international workshop, also for sharing good practices about **ML collecting data and awareness events organization**.
- Mediterranean network of TRC



LOCAL KNOWLEDGE SHARING FORUMS OF LOCAL STAKEHOLDERS

- Meetings with local stakeholders: towards the creation of the network of coastal cities
- Round tables with coastal municipalities fighting marine litter in Italy, Tunisia and Lebanon
- training and communication activities
- Meetings for tackling ML using ICZM approach in the local decision-making process
- survey about habits of use and about litter awareness

LOCAL PUBLIC
AUTHORITIES

FISHERMEN &
COOPERATIVES

TURTLE RESCUE
CENTERS



GENERAL PUBLIC,
CSOs, SCHOOLS

TOURIST
OPERATORS



To identify problems and gaps

To collect and share **best practices**

To find **common actions** to take forwards

Understand **sources and fate** of litter in the specific area

To know **mitigation measures**



NETWORK OF COASTAL CITIES AGAINST MARINE LITTER

A permanent network of cities and towns working on marine litter issue, on prevention and good waste management.

At least 30 Mediterranean coastal cities will be engaged in developing the network

Guidelines will be developed

MPA administrators are involved in the process



To identify problems and gaps

To collect and share **best practices**

To find **common actions** to take forwards

Understand **sources and fate** of litter in the specific area

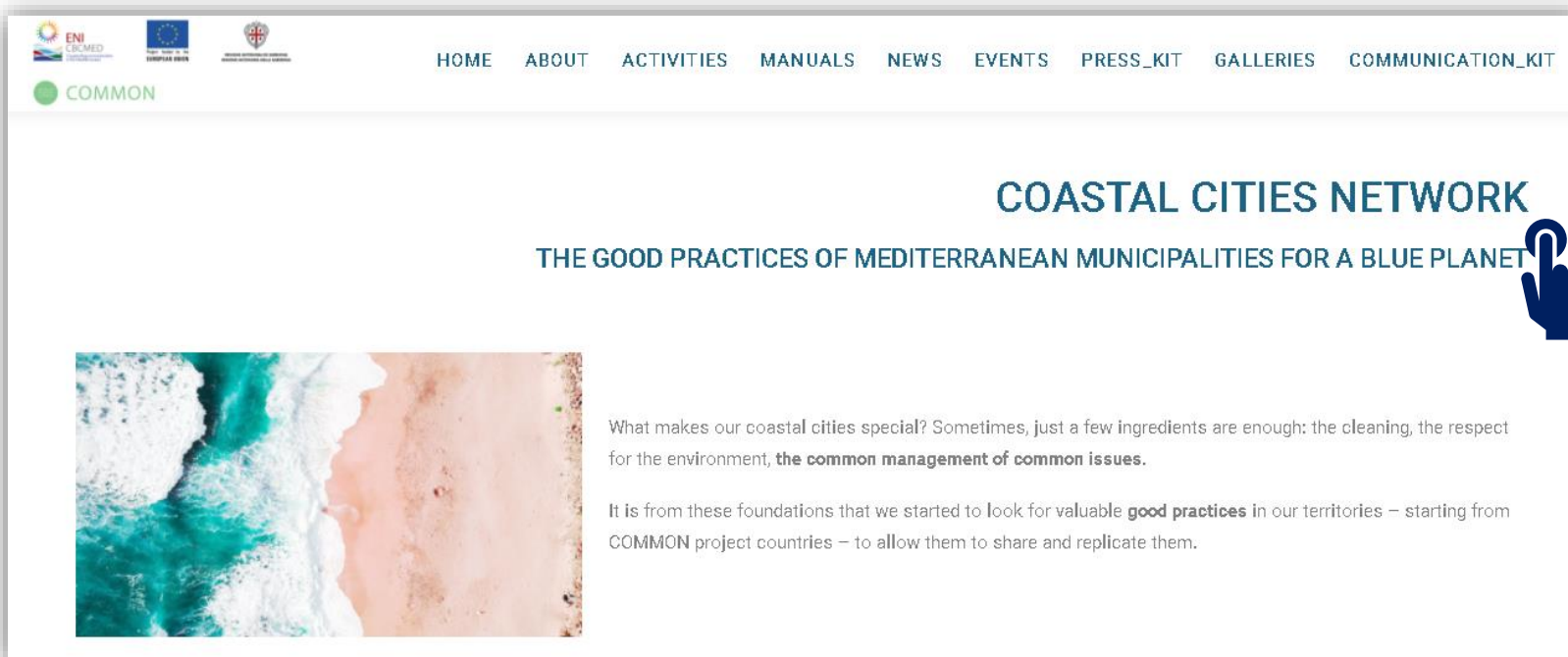
To know **mitigation measures**



NETWORK OF COASTAL CITIES AGAINST MARINE LITTER

Collection of best policies and proposal

Development of national and the Mediterranean final reports



AWARENESS CAMPAIGNS

CUTM campaign: dedicated to people, groups, CSOs...

BEach CLEAN campaign: dedicated to tourists and tourist facilities



29th edition in 2022
800,000 tons of waste collected
500,000 volunteers involved
100,000 miles of shores cleaned up
21 Mediterranean countries involved



NETWORK OF SEA TURTLE RESCUE CENTERS

Working on the network of Sea Turtle Rescue Centers, also dedicated to the MPAs that deals with Marine Turtle Rescue.

- **We organized an international workshop**, in cooperation with the new project Plastic Busters CAP



"MONITORING MARINE LITTER IN ENVIRONMENT AND BIODIVERSITY"

We are all Med

The COMMON project TRCs international workshop, co-organized with Plastic Busters CAP project, aims to build the capacities of TRC managers and collaborators on how to design and conduct a fit-for-purpose marine litter monitoring program in coastal areas

save the date

Date: July 12-14, 2022
Place: Manfredonia (Italy)

Click [here](#) to register

Coastal Management and Monitoring Network
for tackling marine litter in Mediterranean sea

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COMMON



DeFishGear



MEDSEALITTER



PLASTIC BUSTERS
MPAs



A STRONG RELATIONSHIP

PLASTIC BUSTERS



Union for the Mediterranean
Union pour la Méditerranée
الاتحاد من أجل المتوسط



Plastic Busters has been labelled by the UfM and funded by InterregMed (Plastic Busters MPAs) and CBC (COMMON)

Plastic Busters MPAs provides a comprehensive, multifaceted and coordinated approach to fight marine litter in Mediterranean coastal and marine protected areas towards healthy marine ecosystems. It does so by addressing the entire litter-management cycle, developing ML monitoring protocols and running mitigation actions

Coastal Management and Monitoring Network (COMMON) for tackling marine litter in Mediterranean sea applies the Integrated Coastal Zone Management (ICZM) principles to the challenge of marine litter

BLUEMED



The BlueMed Pilot action, launched in 2018, consists in mapping and assessing the actions on place regarding marine plastic pollution across the Mediterranean. It promotes the circulation of good practices, R&I actions but also demonstration, communication and educations actions specifically addressed to face the challenges posed by marine litter



Science and awareness: a mediterranean connection against marine litter

#OceanAction20169

by Università di Siena and Legambiente (IT) (Partnership)



DESCRIPTION

SDG 14 TARGETS COVERED

DELIVERABLES

RESOURCES MOBILIZED



#OceanAction20169

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The main objective of this commitment is to enforce the link between scientific research and awareness activities on the topic of marine litter in the Mediterranean sea.



LISBON
27 JUNE -
1 JULY
2022

OFFICIAL UN SIDE EVENT

Science and awareness:
building Mediterranean networks against marine litter

Tue, 28 June 2022
09:30 - 11:00 CEST
ONLINE



2022

Total budget: € 1.109.976,27
Duration: nov 2021 - nov 2023

***Thematic Objectives B.4** –Environmental protection, climate change adaptation and mitigation (Address common challenges in environment)*

***B.4.4** -Incorporate the Ecosystem-Based management approach to ICZM into local development planning*



Plastic Busters CAP

Plastic Busters CAP

Fostering knowledge transfer to tackle marine litter in the Med by
integrating EbA into ICZM





Plastic Busters CAP

General objective

Plastic Busters CAP aims to facilitate decision-makers and stakeholders in **effectively tackling the problem of marine litter** by integrating Ecosystem-Based Management Approach (EbM) into Integrated Coastal Zone Management (ICZM) planning towards **supporting concrete mitigation actions on the science-policy-society interface**.

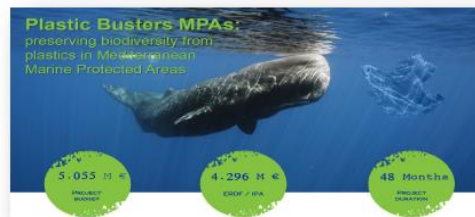


Plastic Busters CAP

The **Plastic Busters CAP** project will capture the results from relevant projects, **capitalize** upon and effectively **transfer knowledge and tools** that address the **entire management cycle of ML** – from monitoring and assessment to prevention and mitigation - in order to support concrete actions to **mitigate ML** on the science-policy-society in the **entire Mediterranean basin**.



Plastic Busters on basin scale



Geographic coverage 8 Partners and 11 Associated Partners

Plastic Busters CAP

University of Siena - Department of
Physical Sciences, Earth and Environment

**Legambiente
ONLUS**

CSIC -Higher
Council for
Scientific
Research -
Institute of Marine
Sciences

INSTM - Institut National
des Science et
Technologies de la Mer



Italy



Greece



Spain



Tunisia



Egypt



Jordan

MIO-ECSDE - Mediterranean
Information Office for
Environment, Culture and
Sustainable Development

TNCR, Tyre
Coast Nature
Reserve

**University of
Jordan**, Faculty of
Basic and Marine
Sciences,
Department of
Marine Biology

El Ramis Society for Local Community
Development of Barrany,



Geographic coverage 8 Partners and 11 Associated Partners

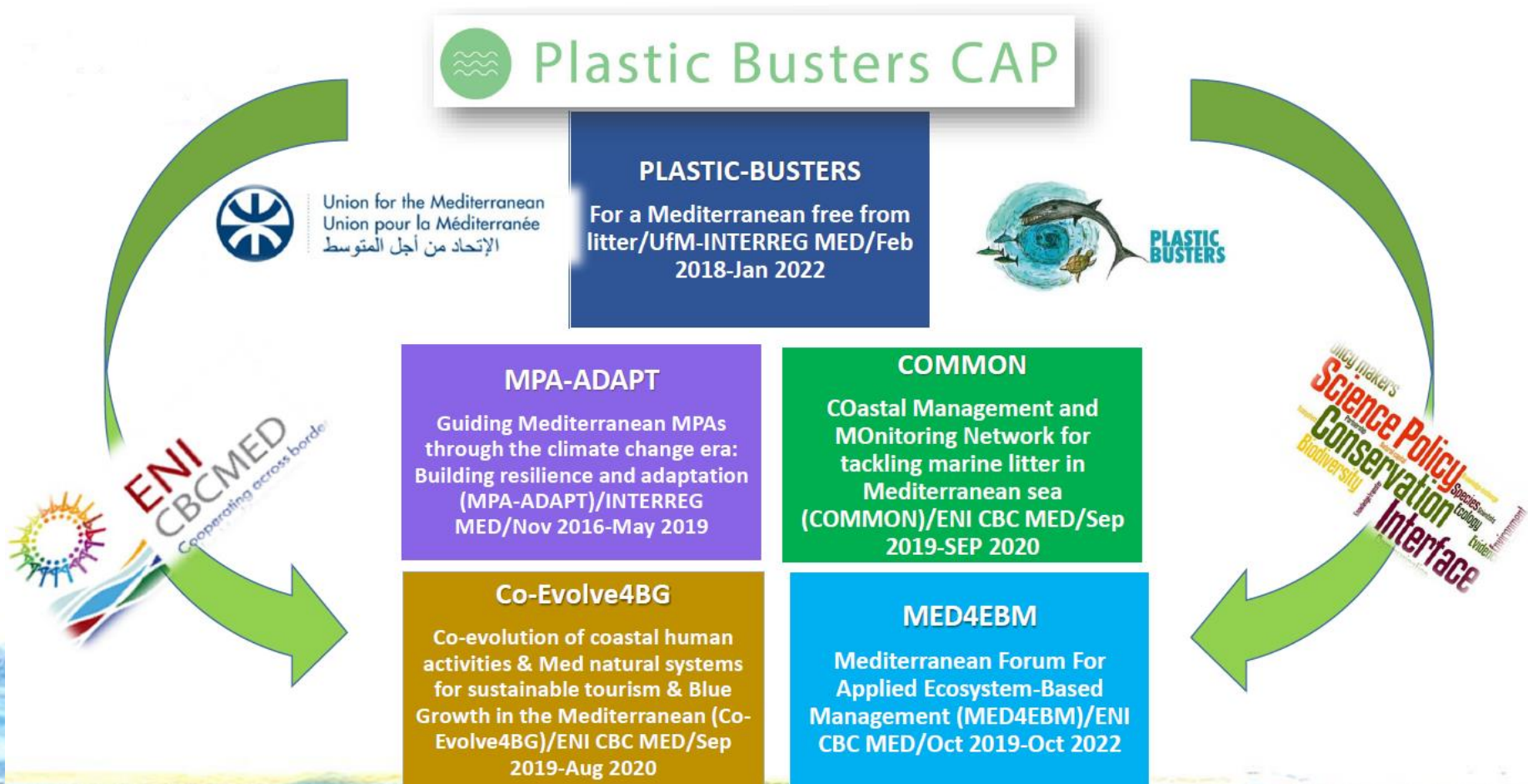
Plastic Busters CAP



- Stazione Zoologica Anton Dohrn - Dipartimento di Ecologia Marina Integrata Sede Territoriale Sicilia, Italy
- Fundació Universitària Balmes (Universitat de Vic – Universitat Central de Catalunya), Centre Tecnològic BETA, Spain
- Comune di Favignana - Ente gestore dell'Area Marina protetta "Isole Egadi", Italy
- Fundación de la Comunidad Valenciana para la Investigación, Promoción y Estudios Comerciales de Valenciaport, Spain
- Consiglio Nazionale delle Ricerche - Dipartimento di Scienze del Sistema Terra e Tecnologie per l'Ambiente, Italy
- The Arab Office for Youth and Environment (– المكتب العربي للشباب والبيئة) AOYE, Egypt
- International Solid Waste Association (ISWA), Other
- Ministère de l'Environnement - Direction Générale de l'Environnement et de la Qualité de vie, Tunisia
- Municipality of Bizerte, Tunisia
- Ente Parco Nazionale "Isola di Pantelleria", Italy
- Aqaba Development Corporation (شركة تطوير العقبة - Transport & Logistics Department) , Jordan



The backbone of the project is shaped up by a set of **5 selected projects** for capitalization, namely the **UfM PLASTIC BUSTERS**, the ENI CBC **COMMON**, the **MPA-ADAPT**, the ENI CBC **CO-EVOLVE4BG** and the **MED4EBM**. Each selected project contributes with valuable ENI CBC outputs and outcomes that form the foundation of the capitalization process.



Specific Objectives

- To enhance and **transfer knowledge**, experience and best practice tools that address the **entire management cycle of ML**, from **monitoring and assessment to prevention and mitigation**, towards an integrated and strategic approach that couples EbM and ICZM into local development planning
- To design and **implement fit-for-purpose ML knowledge transfer and capacity building** mechanisms for public administrations and stakeholders, and facilitate multi-directional relationships between stakeholders, towards co-evolution of knowledge, strengthened decision-making and effective actions
- To promote the **replication and sustainability of the project results via strategic dissemination and awareness raising** of public authorities and policy-makers, effective mobilization of key stakeholders, and strengthened **cross-border and cross-sectoral cooperation and networking to address ML**

The main expected achievements of the project are:

- ✓ 4 national hands-on training activities on marine litter monitoring and assessment
- ✓ 1 e-course on marine litter monitoring and assessment
- ✓ 4 pilot marine litter monitoring and assessment campaigns
- ✓ 4 national hands-on training activities on marine litter prevention and mitigation measures
- ✓ 1 e-course on marine litter prevention and mitigation measures
- ✓ 4 demos showcasing marine litter prevention and mitigation measures
- ✓ 1 roadmap on marine litter policy priorities
- ✓ 1 coastal cities network for a litter-free Mediterranean



Thank you

شكرا

Merci

Grazie

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