



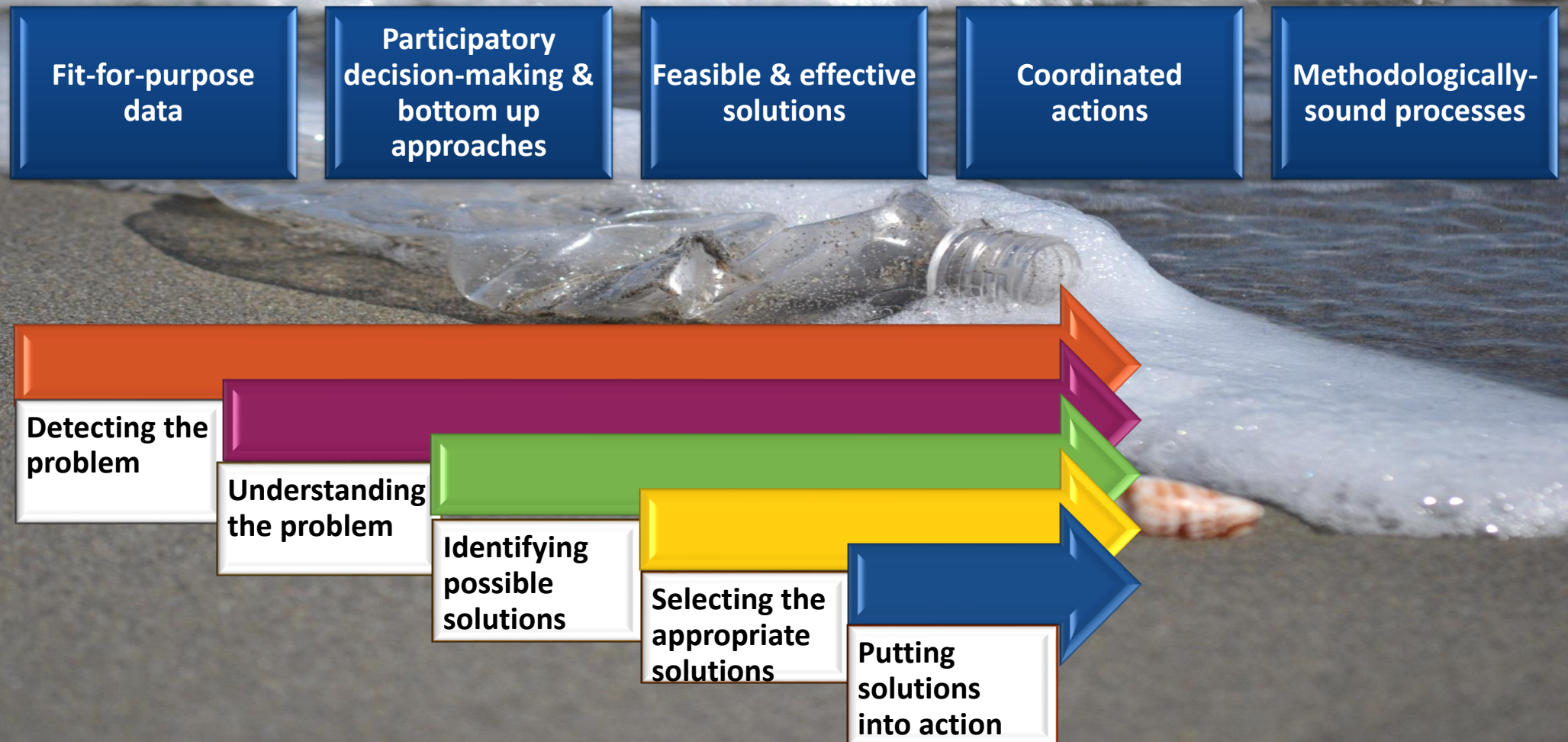
THE PLASTIC BUSTERS MPAs MARINE LITTER PREVENTION & MITIGATION ACTIONS

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Regional Development Fund

FROM A COMPREHENSIVE DIAGNOSIS OF THE MARINE LITTER PROBLEM TO TAILOR-MADE ACTIONS ON THE GROUND!



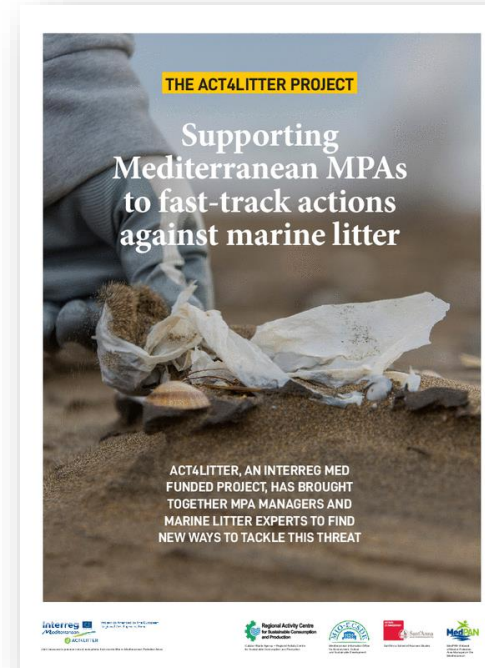
THE ACT4LITTER PROJECT | THE STARTING POINT FOR TACKLING MARINE LITTER IN MPAs

Inventory of
marine litter
measures

Decision-making
tool for
prioritizing
measures

Generation of fit-
for-purpose
marine litter data

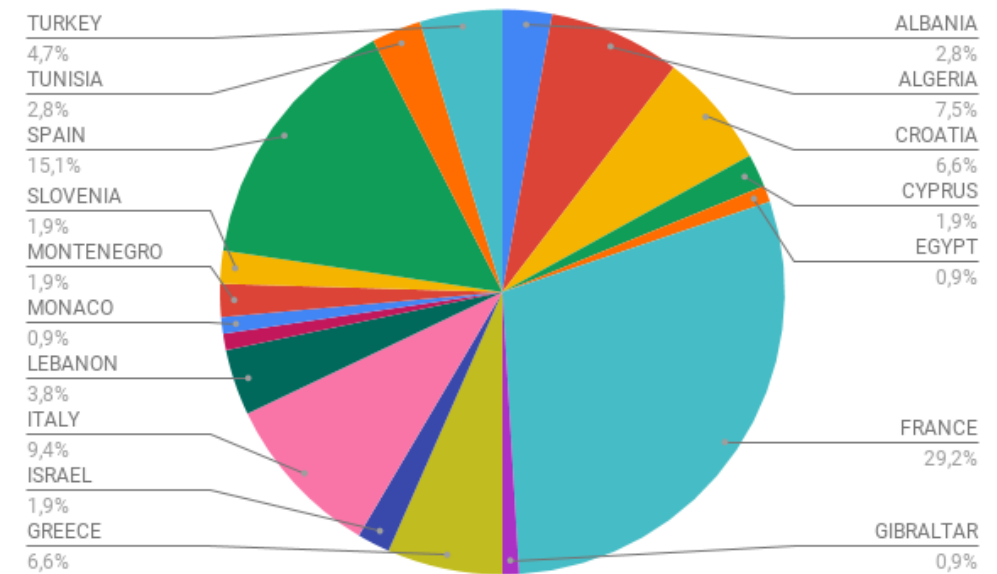
Elaboration of
MPA-specific
marine litter
action plans



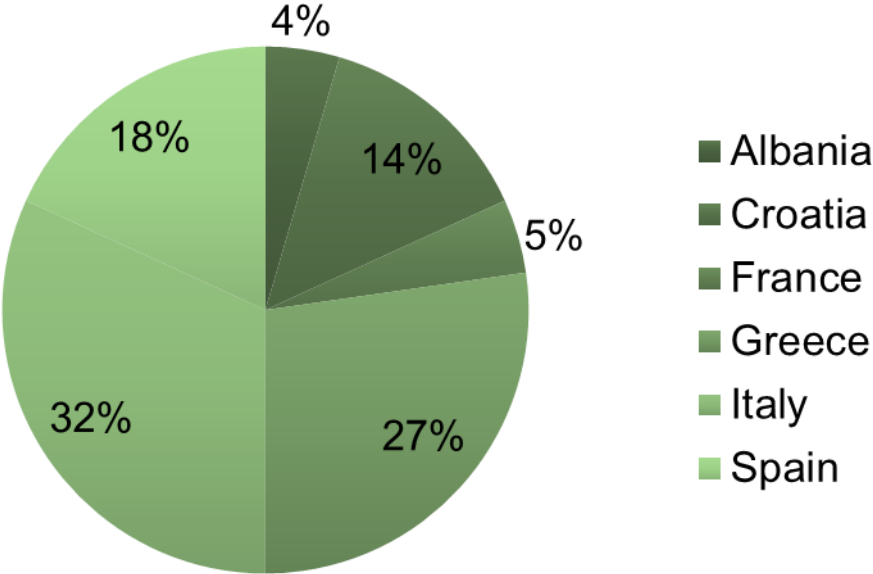
THE METHODOLOGICAL APPROACH FOR INVENTORING MEASURES FROM AN MPA MANAGER POINT OF VIEW

MPA managers role	Description
Implementer	The MPA manager is directly involved in the implementation of a marine litter measure, i.e. the MPA manager designs and sets up a specific marine litter measure; i.e. a clean-up operation).
Facilitator	The MPA manager facilitates other actors to implement a marine litter measure by helping create the enabling conditions; i.e. the MPA manager organizes a capacity building workshop targeting a wide range of stakeholders aiming to enhance their skills to implement best practice marine litter measures.
Promoter	The MPA manager advocates for and/or supports the implementation of a marine litter measure; i.e. the MPA manager carries out advocacy/lobbying work targeting policy/decision makers in order to promote the establishment of an extended producer responsibility scheme for cigarette butts.

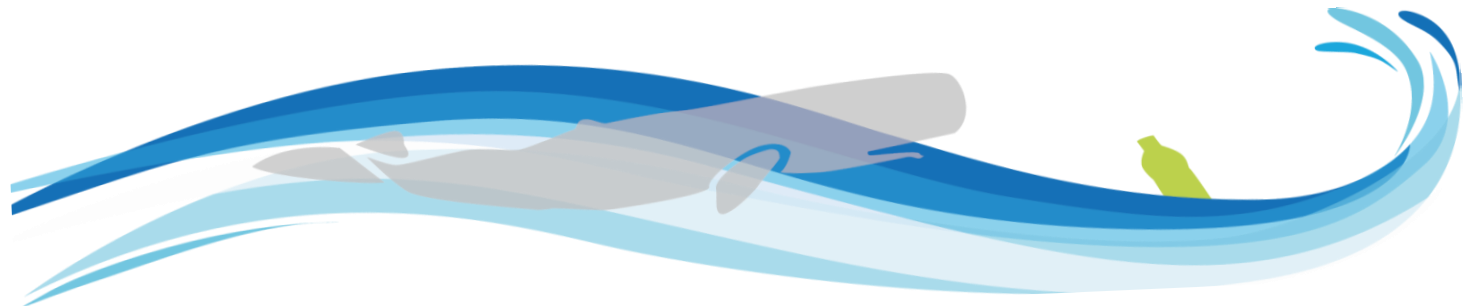
INPUT FROM MED MPAs TO A SURVEY ON MEASURES



THE PLASTIC BUSTERS MPAs SHORTLIST OF MEASURES



Best practices for tourism and recreation	Solid waste management practices	Replacement of single-use plastics
Banning specific items and activities	Awareness raising campaigns	Port reception facilities
Upcycling and/or recycling	Extended producer responsibility schemes	Fishing for litter
	Derelict fishing gear management schemes	



THE PLASTIC BUSTERS MPAs MARINE LITTER PREVENTION & MITIGATION ACTIONS IN A NUTSHELL

15

Pilot MPAs

5

Types of
measures

10

Demo
actions

5

Replication
actions

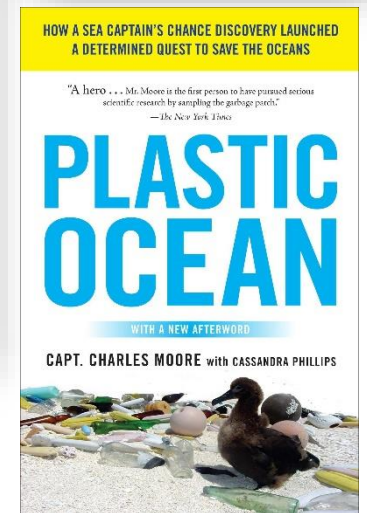
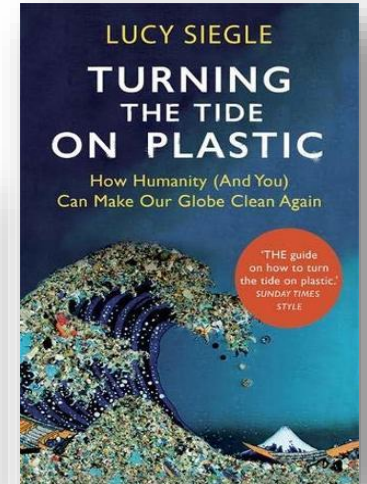
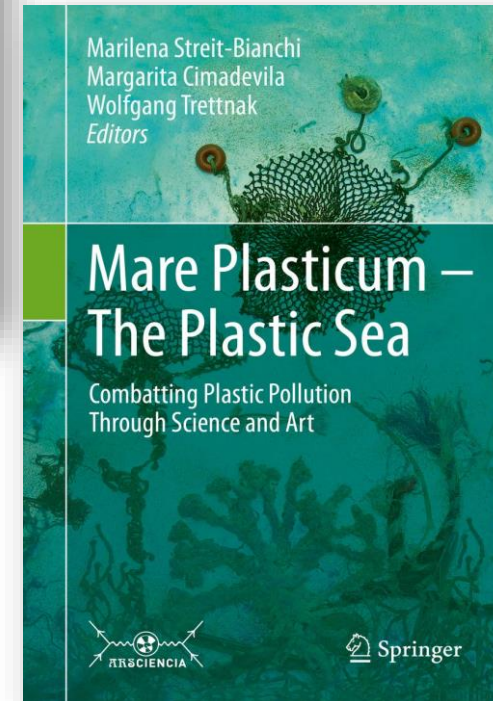
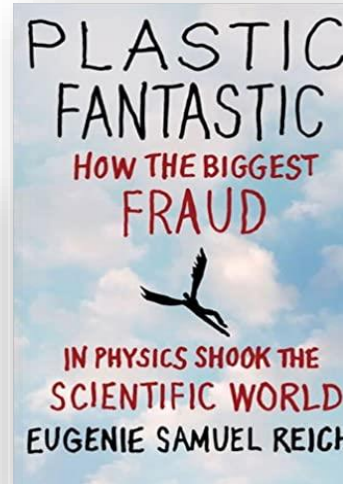
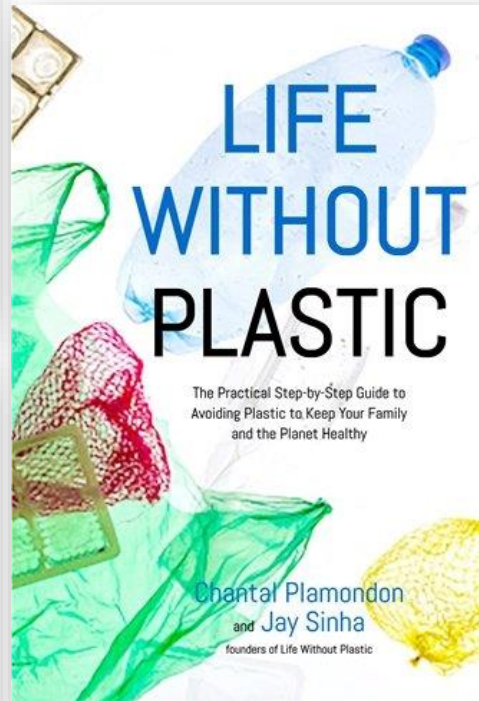
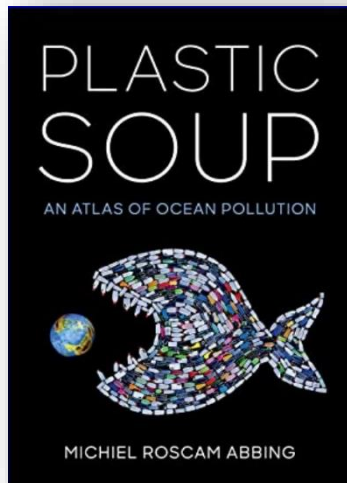
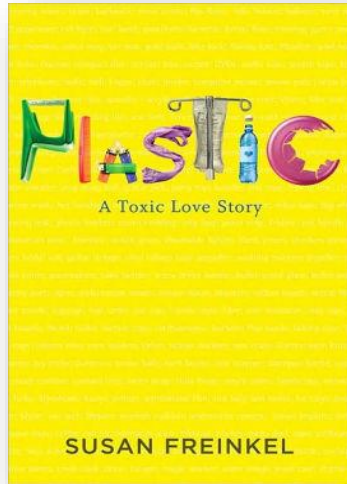
THE PLASTIC BUSTERS PILOT MPAs



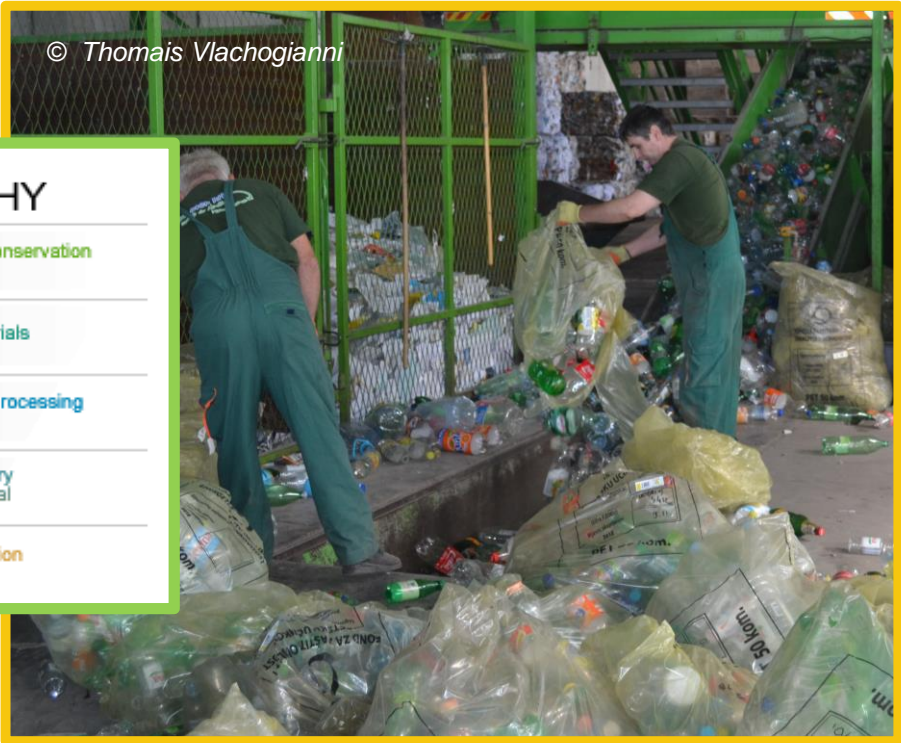
- FRANCE - Pelagos Sanctuary
- GREECE - National Marine Park of Zakynthos
- GREECE - Thermaikos Gulf Protected Areas
- ITALY - Miramare MPA
- ITALY - Pelagos Sanctuary
- ITALY - Tuscan Archipelago National Park
- SLOVENIA - Strunjan Landscape Park
- SPAIN - Cabo de Gata-Níjar Natural Park-UNESCO Global Geopark
- SPAIN - Cabrera Archipelago Maritime-Terrestrial National Park
- SPAIN - Natural Park of Ebro Delta
- CROATIA – Brijuni National Park
- ALBANIA – Karaburun Sazan MPA
- ITALY- Capo Milazzo MPA
- SLOVENIA - Debela Rtič Landscape Park
- MONTENEGRO – PLATAMUNI MPA

FROM THE ANTHROPOCENE TO THE PLASTOCENE...

8



...TO THE WISE USE OF PLASTICS WITHIN A CIRCULAR ECONOMY

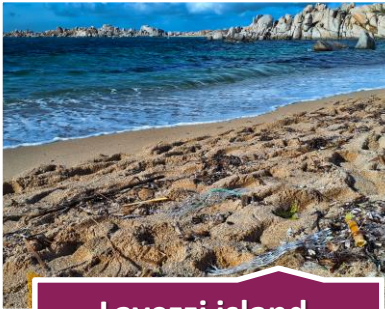


BUSTING THE MYTHS & MISCONCEPTIONS ABOUT THE MARINE LITTER SOURCES

SEA-BASED SOURCES ARE OF
PARAMOUNT IMPORTANCE IN MANY
AREAS OF THE MEDITERRANEAN!



Thesprotia, Greece



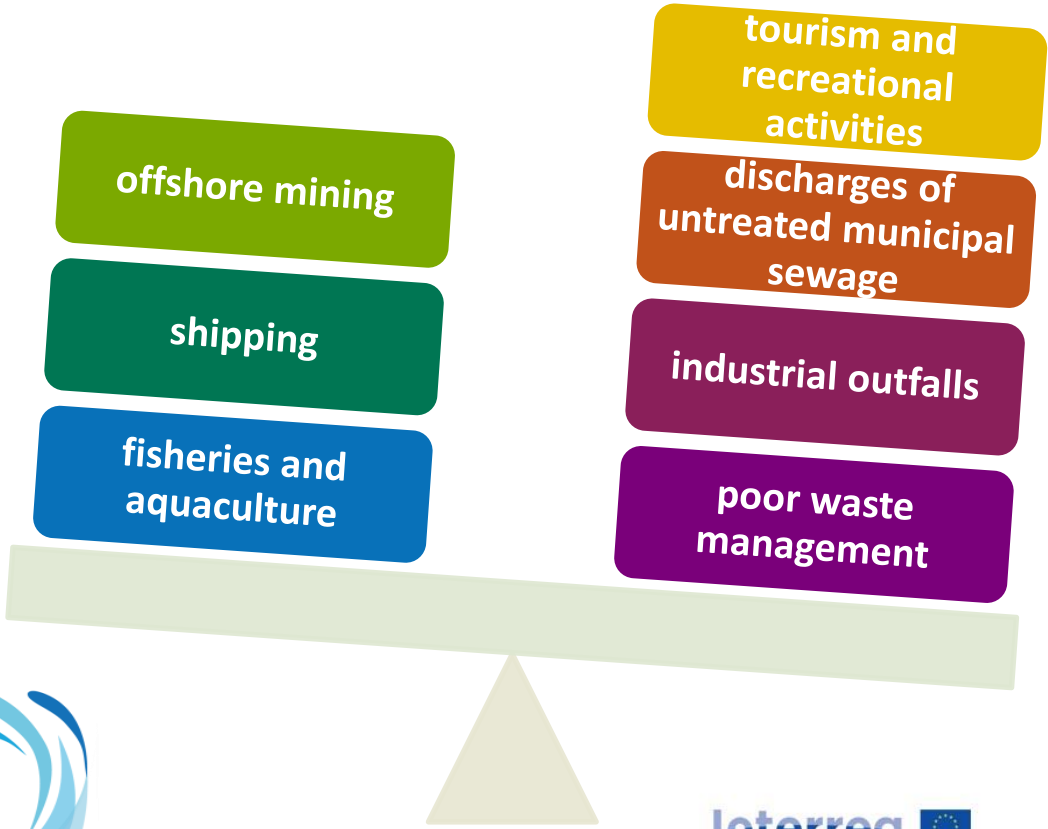
Lavezzi island, France



Milazzo, Italy

Sea-based

Land-based



BUSTING THE MYTHS & MISCONCEPTIONS ABOUT POTENTIAL MARINE LITTER SOLUTIONS

PHOTOGRAPH BY JUSTIN HOFMAN

Substituting 'conventional' plastics with bio-based plastics is merely a distraction to the marine litter issue.

End-of-pipe solutions such as cleanup operations cannot address the issue.

Biodegradable and compostable plastics pollute our coasts and seas just like the conventional plastics, as they behave quite differently in 'open' environments than in 'managed' settings (landfill, composter) where the conditions required for rapid biodegradation are unlikely to occur. In addition, mixing of such plastics with normal plastics in the recycling stream may compromise the properties of the newly synthesised polymer.



THE PLASTIC BUSTERS TYPES OF MEASURES IMPLEMENTED



REPLACEMENT OF
SINGLE-USE PLASTICS



"It's only one straw said
8 billion people."



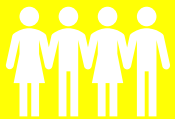
DERELICT FISHING GEAR
MANAGEMENT



BANNING SPECIFIC
ACTIVITIES



EXTENDED PRODUCER
RESPONSIBILITY



AWARENESS RAISING
CAMPAIGNS



THE PLASTIC BUSTERS PILOT MEASURES

SUPs-free HORECAs

Adopt-a-beach

Establishing a derelict fishing gear management scheme and promoting co-responsibility to tackle fisheries & aquaculture related litter

Cigarette-butt free beaches

Developing a network of collection points for beverage containers made of PET, can and glass

Setting up a reusable cup delivery system for beach bars

Promoting the sustainable management of mussel farming nets



ADDRESSING ALDFG | CHALLENGES & LESSONS LEARNED



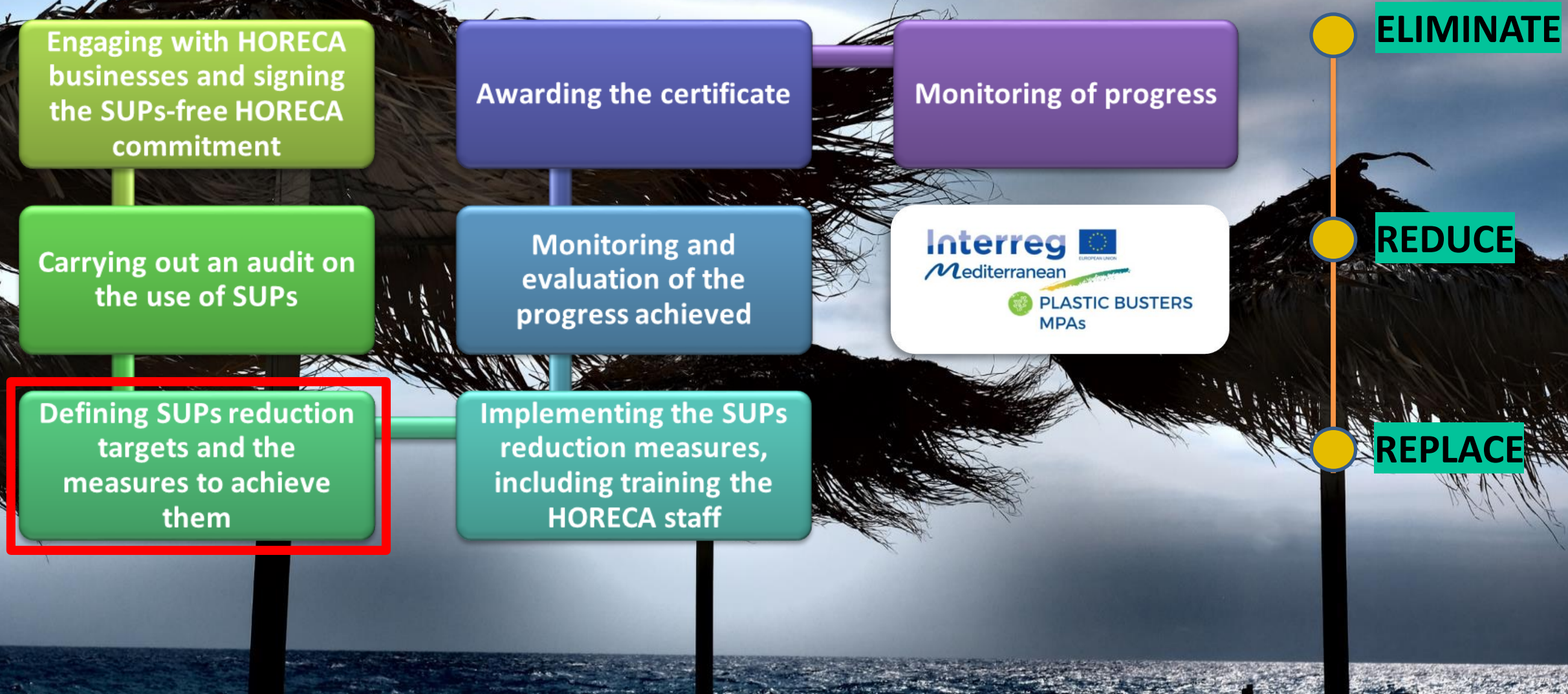
The Plastic Busters MPAs demo at Thermaikos Gulf Protected Areas concludes with the recovery and recycling of 11 tons of derelict mussel nets

Local partners: Non-profit non-governmental Organization for the Preservation of the Aquatic Ecosystems, Management Authority of Thermaikos Gulf Protected Areas, BlueCycle

- ✓ The biggest challenge encountered was related to the logistics for the transportation of the collected ALDFG to a recycling facility
- ✓ A truly participatory approach was the key to success
- ✓ All stakeholders were equally important agents of knowledge



SUPs-FREE COASTAL HORECAs





Thank you!

Interreg
Mediterranean



PLASTIC BUSTERS
MPAs