



BlueMissionMed CSA

SUPPORTING THE MEDITERRANEAN SEA BASIN FOR THE IMPLEMENTATION OF THE EU
MISSION RESTORE OUR OCEAN AND WATERS

The implementation of the EU Mission “Restore our Ocean and Waters by 2030” in the Mediterranean basin through the BlueMissionMed National/Regional HUBs.

Challenges, priorities, and innovative transformative solutions identified for the agriculture, aquaculture, and fisheries sectors.



EUROPEAN UNION



EU MISSIONS

RESTORE OUR OCEAN & WATERS

Concrete solutions for our greatest challenges



© European Union, 2021

#EUmissions #HorizonEU #MissionOcean

BlueMissionMed

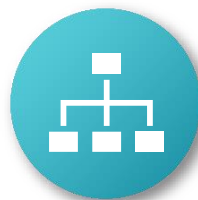


SUPPORTING THE MEDITERRANEAN SEA BASIN LIGHTHOUSE FOR THE IMPLEMENTATION OF THE MISSION RESTORE OUR OCEAN AND WATERS

Assist the European Commission in



SETTING UP



STRUCTURING



EMPOWERING

a multi-actors ecosystem



PART OF THE

EU MISSIONS

RESTORE OUR OCEAN & WATERS

Funded by
the European Union



BlueMissionMed **focuses on Objective 2 of the Mission**
“prevent and eliminate pollution of our ocean, seas and waters”,
through the definition of the following targets:



REDUCE BY AT LEAST 50%
PLASTIC LITTER AT SEA



REDUCE BY AT LEAST 30%
MICROPLASTICS
RELEASED INTO THE
ENVIRONMENT



REDUCE BY AT LEAST 50%
NUTRIENT LOSSES, THE
USE AND RISK OF
CHEMICAL PESTICIDES

BlueMissionMed ACTIONS



**BOOSTING A WELL-FUNCTIONING
BASIN SCALE INNOVATION
ECOSYSTEM ATTRACTIVE TO
INVESTORS AND BUSINESSES**



**FACILITATING COHERENCE,
ALIGNMENT AND MONITORING OF
EU, NATIONAL AND LOCAL POLICIES,
INITIATIVES AND ACTIONS ONGOING
THE MEDITERRANEAN BASIN**



**PROVIDING TECHNICAL SERVICES,
GOVERNANCE AND BUSINESS
MODELS TO SUPPORT AND
GUARANTEE A SUSTAINABLE
SOCIO-ECONOMIC DEVELOPMENT
OF THE MEDITERRANEAN BASIN**

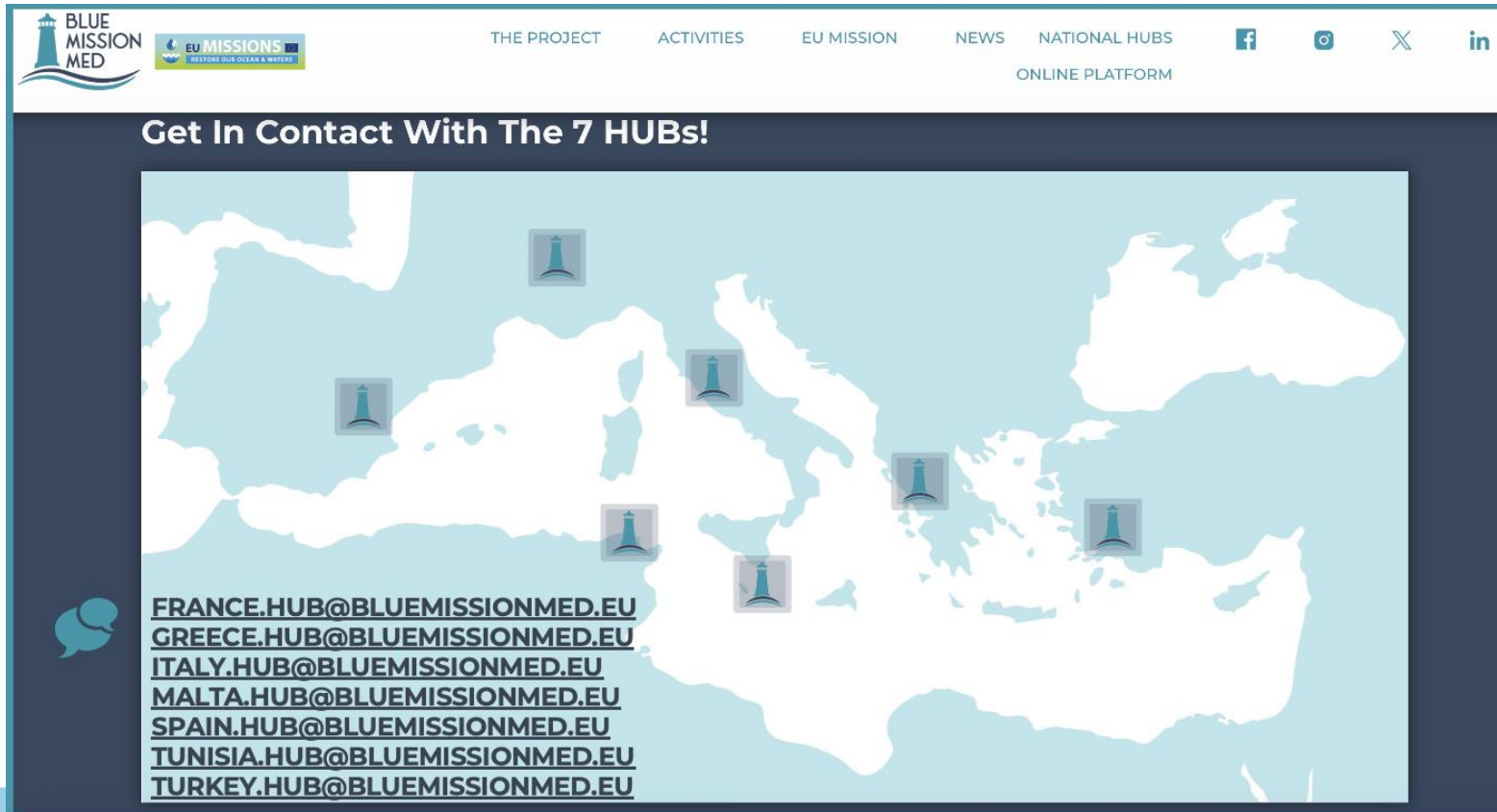


**ENSURING ENGAGEMENT OF ALL
STAKEHOLDERS, INCLUDING THE
SOCIETY AT LARGE, THANKS TO A
ROBUST AWARENESS RAISING
AND CITIZEN SCIENCE APPROACH**

BMM governing structure



The 7 National and Regional HUBs are integral components of the BMM governance structure



- Set-up and support the network of National/Regional actors to implement BlueMissionMed activities locally;
- Organize events, interviews, workshops and demonstration activities;
- Facilitate alignment at local level with basin strategies (BlueMed, WestMed, EUSAIR, etc)
- Provide support to local stakeholders;
- Continuous Engagement;
- They serve as catalysts for collaboration

BlueMissionMed agenda to mobilise and engage the community to deploy the Mission in the LH area and to support the Innovation Ecosystem



2023

Activities and events

2024

Activities and events

2025

Activities and events



BlueMissionMed Target Stakeholders Community

BlueMissionMed **has engaged thousands of stakeholders from Policy, Business, Research&Innovation and Civil Society**, with activities aimed to assist and implement innovative transformative solutions in the Mediterranean basin, supporting the achievement of Mission Ocean and Waters objectives.

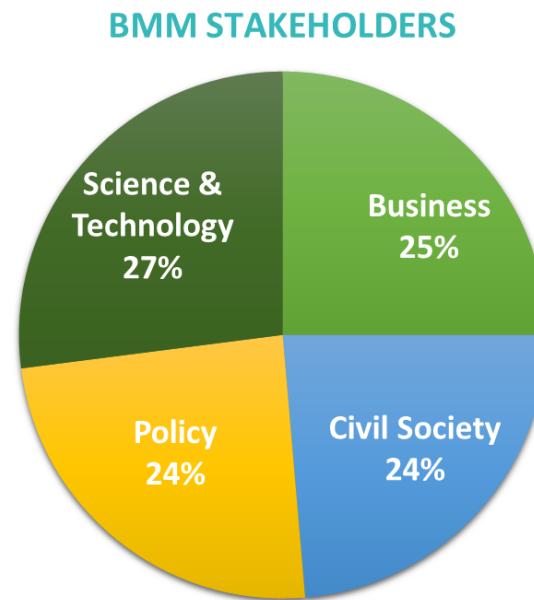


An **Operational Implementation Roadmap** for the Mediterranean Lighthouse

- The OIR lays **out a vision** for the strategic **transformation of the main sectors** in the Med basin that goes beyond the single sectorial needs and considers challenges, opportunities, and actors influencing the broader Mission objectives.

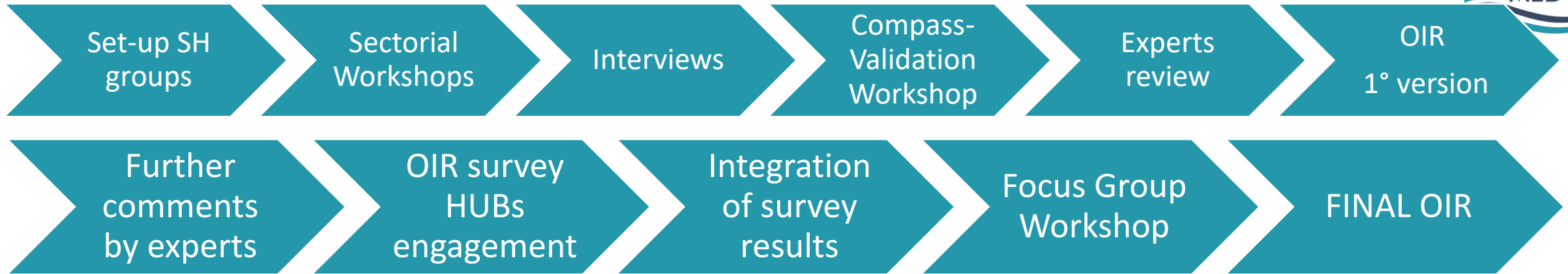
The sectors addressed:

- Agriculture
- Aquaculture
- Fisheries
- Cities/Regions
- Tourism
- Transport & Ports
- Plastics Industry



A total of **190 Organisations** including Regional Associations, Private enterprises, Cities, NGOs, Academia

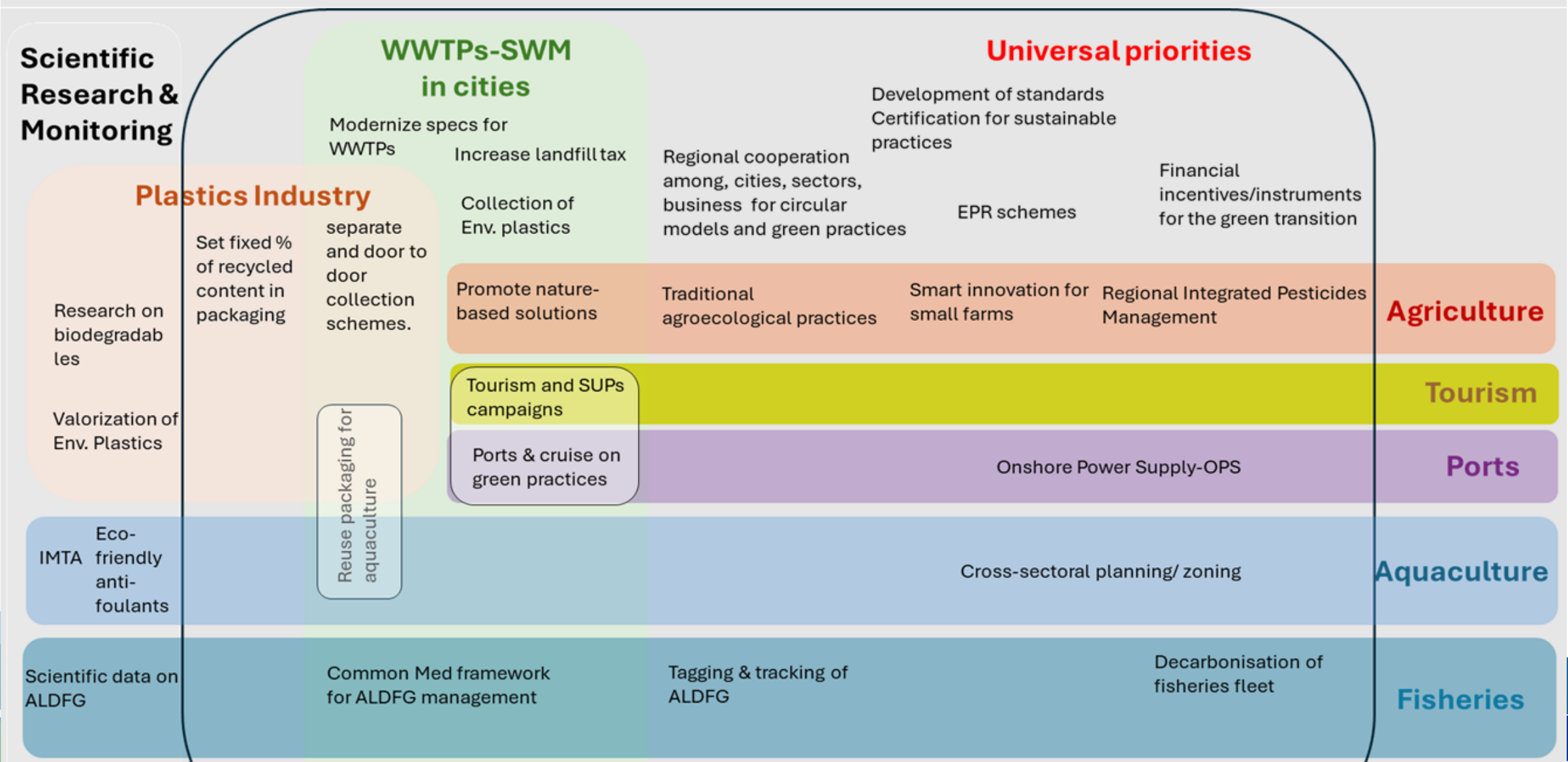




The OIR **integrates the outcomes of stakeholder consultations** regarding sector-specific challenges, drivers, priorities, needs, and potential interventions, in line with the Mission framework activities in a **co-design process**.



62 mature priorities as identified by BMM in response to the Mission's Objective 2



Challenges and actions identified for the agriculture sector

Challenges		Actions in Synergy with Mission Soil	
Technological/Scientific	Transition to a carbon neutral agriculture, - decreasing the nutrient and plastic pollution while shifting towards carbon neutral practices.	Interdisciplinary multi-stakeholder R&I actions for placed based practice – oriented approaches linking soil and land use and blue – economy sectors.	
		Research on the effects of different nutrient management systems in combination with farming practices under different geomorphological and hydrographical conditions.	
		Landscape connectivity and development of monitoring methods for increasing knowledge of how sediments and pollutants move from land to sea and the re-establishment of wetlands.	
		Increase the land use efficiency (e.g. vertical agriculture practices).	
		Increase the efficiency of fertilizer and pesticide use.	
		Increase data collection on pesticides fertilisers and plastic products application through digital smart (AI) and citizen science schemes.	
	Tackle nutrient and pesticide leaching.	Nutrient Action Plan and Farmers Pesticide Toolbox.	
		Increase cooperation between EU and non-EU Mediterranean countries to transfer best practices for agrochemical reduction.	
		Research into smart and precise agriculture to better understand plant needs for pest control.	
		Research on the use of alternative organic fertilisers and animal feed from food and aquaculture waste and by products.	
		Research on Nature Based Solutions for nutrient retention and remediation.	
Policy	Tackle plastics and microplastic contamination of soil.	Biorefinery Technologies, in which high value-added products such as fuel, heat, electricity, organomineral fertilizer, bioactive substances and biomaterials are obtained by recycling waste and residues in agricultural production and the food sector.	
		Identify schemes for re-usability and recycling of plastics applying on farm treatment	
		Improve waste collection schemes in farms.	
Policy	Increase transition to integrated/organic agriculture.	Research on alternatives and trully biodegradable plastics for use in agriculture.	
		Support smallholders in transitioning by direct financial support and promote co-operative participation in eco-schemes and similar schemes in the EU and non-EU countries.	
	Introduce an integrated end – of life management policy to improve waste management and increase re-usability of plastic products.	Create schemes of multi -level cooperation between small and large farmers and agronomic institutes for increasing know how in integrated/organic agriculture.	
		Commit to a comprehensive certification schemes allowing traceability and usage monitoring.	
Economic	Improve uptake of integrated and sustainable farming practices.	Provide support to farmers and develop effective EPR Schemes.	
		Create a value chain for collection and recycling – reuse agri-plastics.	
	Optimise waste collection and increase circularity.	Economic support for farmers to adopt smart and precise agriculture methods using novel techniques and sensors.	
		Economic support and incentives for enhancing transition.	
Social	Increase awareness and knowledge of farmers.	Economic Incentives to farmers like the deposit and return schemes.	
		Provide incentives to farmers to remove plant residues and earth materials from used plastics.	
Social	Increase awareness and knowledge of farmers.	Upskill the farmers to be able to make the transition to adopt sustainable farming practices but also serve as citizen scientists for monitoring use of agrichemicals and agri- plastics.	
		Disseminate best practices from the farmers associations and cooperatives to increase their adoption.	

Priorities and next steps identified for the agriculture sector

	Priorities and next steps related to prevention-minimization-elimination & remediation of pollution caused by the agriculture sector.	Maturity level	Finance	Governance	Society	Technology
PREVENTION	Acceleration in the implementation of organic farming and pest control and best farming practices . Cooperation with research and development in relevant fields, as well as economic support and incentives for farmers to adopt the transition.	.				
	Cooperation of farmers associations with the plastics industry in piloting/demonstrating solutions for truly biodegradable agri-plastics .	M L				
	Enhance the adoption of smart and innovative agricultural methods of small family farms by promoting collaborative and cost sharing governance or business solutions.	M L				
MINIMIZATION	Recycle nutrients from agricultural-waste to achieve fully circular, localised nutrients management.	.				
	Upscale traditional agroecological practices (crop rotations, mulching, and agroforestry) with scientific backing to replace routine pesticide and fertiliser use.	M				
	Upskilling and dissemination activities of farmers. to take advantage of relevant guidelines and toolboxes .	.				
	Monitoring of quantities used for agrichemicals will help on targeting interventions by promoting the use of smart and digital precision systems .	.				
	Separate waste collection systems for agri-plastics in parallel with financial incentives for farmers such as deposit-return schemes . In this respect, EPR schemes (for agri-plastics producers) can provide financial support for the establishment of such collection systems in farms and in cooperation with the solid waste management sector .	.				
ELIMINATION-REMEDIATION	More research is needed on the development of nature-based solutions for the remediation of impacted fields, such as wetland re-establishment for nutrient retention and denitrification, filters and bioreactors for phosphorous and nitrogen removal.	M L				
	Issues related to the legal framework and responsibilities for the implementation of such solutions are still a challenge. Territorial agreements for the application of Integrated Pesticide Management techniques . The role of catchment management plans under the WFD implementation is key for their adoption.	M L				

The maturity level of the priority actions and the barriers per domain are based on the stakeholders' survey results (Maturity Level: H=High, M=Moderate, L=Low; Barriers: from light to dark green indicates the increase of barriers). *Inconclusive results



Challenges and actions identified for the aquaculture sector

Challenges		Actions
Technological/Scientific	Minimization of organic waste. Circular aquaculture and Restorative Aquaculture.	Reduction of fish feeding losses. Technological optimization, "smart" technologies and "tele-management" for biosecurity, control of water quality.
		Digitalization for the early detection of contaminants.
		Low trophic aquaculture as a restorative approach- "Zero impact farms".
		IMTA (Integrated Multi Trophic Aquaculture), including low environmental impact aquaculture practices and the production of low trophic species (e.g. Holothuria, micro and macro-Algae), for alternative feeding, water reuse and bioremediation.
		Adopt end-of-waste criteria for the promotion and reuse of aquaculture waste. Recycle aquaculture waste (e.g. use of by-products for added value products, convert fish sludge into fertilizers).
		Open ocean aquaculture cages. Improved physical and biogeochemical coupled models for the site selection for cages
		Regular monitoring, indicators of aquaculture sustainability and aquaculture interactions with ecosystems. Innovative data collection systems.
		Cooperation with research and development to adopt the transition to the concept of restorative aquaculture.
Policy	Minimization of plastic waste.	Alternatives to EPS boxes for re-use. Circular aquaculture nets and gears.
	Minimization of pharmaceuticals-Alternative practices.	Biotechnology solutions for the prevention of fish diseases as an alternative practice to the use of drugs.
	Minimization of antifouling products-Alternatives.	Development of eco-friendly antifouling and remediation agents (bio-based coatings, algal and enzymatic technologies).
	Lack of regulation on waste management in aquaculture.	Development of policy tools and guidelines for waste management. Need for a common regulatory framework for the whole Mediterranean Region.
Economic	Achieve sustainability.	Support economic models for the transformation of waste into profit e.g. environmental compensation mechanisms.
		Provide incentives (e.g. green credits / tax regime) for adopting environmental best practices (habitat restoration, IMTA).
		Upscale and transfer successful examples of aquaculture practices and support public-private partnerships. Cooperation with the aquaculture industry in piloting /demonstrating solutions.
		Definition of plastic flows to assess input-outputs and management options under the Extended Producer Responsibility (EPR) framework.
		Regular monitoring and reporting of aquaculture performance, indicators of aquaculture sustainability and aquaculture interactions with ecosystems. Innovative data collection systems.
		Sustainability certifications.
Social	Engagement of all stakeholders.	Design a system of participative incentives for stakeholders.
		Cooperation and synergy among aquaculture companies for reducing & recycling waste.
	Knowledge increase - Awareness for new business opportunities for local communities.	Targeted training/capacity building and guidelines for aquaculture business. Upskilling the workforce in the aquaculture sector. Cross sectoral consultations to minimize social obstacles and increase social acceptance (e.g. tourism, aquaculture, sustainable zoning of production sites)..

Priorities and next steps identified for the aquaculture sector

	Priorities and next steps related to prevention-minimization-elimination & remediation of pollution caused by the aquaculture sector.	Maturity level	Finance	Governance	Society	Technology
PREVENTION	On the pollution prevention dimension the sector is highly dependent on advancements in pharmaceuticals and biotechnology R&D for solutions proposing alternatives to drug use ; the chemical industry for the development of eco-friendly antifouling . Public-Private partnerships can support relevant research and demonstration activities.	M L				
	Reuse models for fish/mussels packaging and traceability along the value chain.	M			-	
	Sustainable zoning of production sites (robust assessments of maximum carrying capacity and coexistence potential of the natural and physical environment).	M L			-	
MINIMIZATION	Minimization of nutrients and organic load from aquaculture can be achieved by the promotion of IMTA throughout the Mediterranean Region. An integrated strategy is needed towards this direction that will include aspects such as the development of relevant legislative/regulatory framework ; the increase of competences in the sector including non-EU Mediterranean countries and financial incentives .	M L				
	Promote digitization tools for the management of the sector.	L			-	
	Extending EPR schemes for the aquaculture sector related packaging .	M L			-	
	Cooperation and synergy among aquaculture companies for reducing and recycling waste .	*				
	Cross sectoral planning to minimize conflicts and increase social acceptance (e.g. tourism, aquaculture)	M L				-
	Regular monitoring and reporting of aquaculture performance is required for the development of standards and promotion of certification schemes for sustainable practices . Certification schemes are expected to help in the adoption of sustainable practices by the aquaculture sector.	H				

The maturity level of the priority actions and the barriers per domain are based on the stakeholders' survey results (Maturity Level: H=High, M=Moderate, L=Low; Barriers: from light to dark green indicates the increase of barriers). *Inconclusive results



Challenges and actions identified for the fishery sector

Challenges		Actions
Technological/Scientific	Tackle plastics & microplastics contamination from packaging.	Smart and reusable boxes. Traceable boxes for sanitary and origin certification (RF microchips).
		Eco-friendly compostable alternatives to polymer-based packaging.
		Sustainable zoning of production sites (robust assessments of maximum carrying capacity and coexistence potential of the natural and physical environment).
	Tackle plastics & microplastics contamination and impacts from fishing gear.	Development of fully biodegradable materials for fishing nets under marine conditions and in the short term.
		Tag & track nets and gear - find & recover.
	Understanding entanglement in ALDFG.	Increase scientific evidence by generating data on areas of accumulation, types of gears and affected species in the Mediterranean.
		Design more selective fishing gears and with less impact on habitats.
	Expand and accelerate fishing for litter.	Valorise fishing nets as waste.
	Decarbonisation of the fishing fleet.	Renewable energy for fishing boats and/or onshore processing facilities.
		Piloting and experimenting with alternative energy sources with various types of vessels.
Policy	Accelerate and institutionalize the implementation of best practices for ALDFG recovery and disposal.	Development of action plans through port authorities, regional and local authorities and fishers organizations. A legal framework that encourages and facilitates the collection of ALDFG.
	Harmonize regulatory framework across the Mediterranean Basin.	Common framework for ALDFG management in the Mediterranean through cooperation and synergies with the Barcelona Convention (UNEP/MAP).
		Develop and propose incentives for the use of fishing gear that is more selective and made of biodegradable materials.
Economic	Make fisheries sustainable.	Provision of funds for ports and local authorities to provide marine litter and ALDFG collection systems.
		Financially sustain participatory removal networks.
		Provision of assistance funds to cover the need of the fishing sector during transition periods in the use of new fishing gear or in the work of collecting lost fishing gear or new "green" engine systems.
		Financial instruments for replicating best practices related to fishing for litter and ALDFG recovery in non-EU countries.
		Provision of funds for research and innovation in new, biodegradable materials for fishing gear.
		Determine and implement sustainable public-private financing frameworks for the decarbonization of the sector.
		Incentives (e.g. green credits / tax regime) of good environmental practice in fisheries.
Social	Increase awareness & knowledge of fishers.	Upskilling the fishing workforce to be able to make the transition toward a sustainable fishing by increasing the digital and technical competences required to adopt the existing supportive tools.
		Targeted trainings/capacity building on regulations and how to implement them.
		Co-design regulations with fishers in particular for MPAs.
	Increase awareness of the society on the reality of the fishing activity.	Dissemination and training in different social segments, from the fishers' associations themselves to society in general, including schools, universities, and social centres. Mediterranean wide citizen science programmes targeting entanglement in marine litter.

Priorities and next steps identified for the fishery sector

	Priorities and next steps related to prevention-minimization-elimination & remediation of pollution caused by the fisheries sector.	Maturity level	Finance	Governance	Society	Technology
PREVENTION	Adoption of reuse models. Cooperation between the fisheries and commercial sector for the development of reuse system for fish boxes along the value chain . The action can be accelerated through legislative instruments and regulations such the SUP Directive for EU countries and other instruments to be developed under the Barcelona Conventions and UNEP/MAP.	L				
MINIMIZATION	Provide financial incentives for installing renewable energy sources on board fishing vessels and/or onshore processing facilities.	L				
	Tracing tags on nets can be used as tool for monitoring and control adopted measures.	M L				
	The role of the Barcelona Convention and the UNEP/MAP for the expansion of the systems of collection and recycling of fish boxes and gear to non-EU Mediterranean countries is critical.	M L				
ELIMINATION & REMEDIATION	Removal of ALDFG lost at sea. Financial instruments should include the support of participatory networks dedicated to the removal of ALDFG from the marine environment.	L				
	Acquisition of more accurate scientific data on monitoring the presence /accumulation areas and impacts of ALDFG in the Mediterranean.	M L				
	'Fishing for litter' activities. Guidelines and provision of dedicated spaces for disposal of litter and /or ALDFG at Mediterranean ports	M L				
	Characterization and valorization of ALDF and collected Mariem litter is indispensable for their recycling or proper disposal.	M L				

The maturity level of the priority actions and the barriers per domain are based on the stakeholders' survey results (Maturity Level: H=High, M=Moderate, L=Low; Barriers: from light to dark green indicates the increase of barriers). *Inconclusive results



Innovative Transformative Solutions

BlueMissionMed has also focused on the identification of the innovative transformative solutions for the de-pollution of the Mediterranean basin

Mapping and identifying projects and initiatives contributing to Mission Ocean objective 2 (hydrosphere depollution).

Systematically **linking up, coordinating** and **networking** with current projects and future projects/initiatives under future Work programme topics.

Maximising the **awareness and exploitation** of previous and ongoing projects and initiatives funded at EU national and regional level.

Framing **innovative transformative solutions** contributing to the lighthouse depollution objectives.

Identifying **gaps, barriers, resistances and needs** to provide recommendations for innovative transformative solutions implementation.

Innovative transformative solutions - Definition

Catalogue of **innovative transformative solutions**



A **transformative innovative solutions** is a **novel product** or **methodology** contributing to transformational change towards the achievement of the objectives of the EU Mission to Restore our Oceans and Waters, particularly Objective 2 (prevention and elimination of marine pollution).



Solutions that lead to transformational change are those that address the problem in its roots **disrupting business -as -usual scenarios** and **involve multiple actors at multiple levels**.

Mapping existing solutions developed within EU R&I projects but also other initiatives and best practices informed by the BMM National HUBs

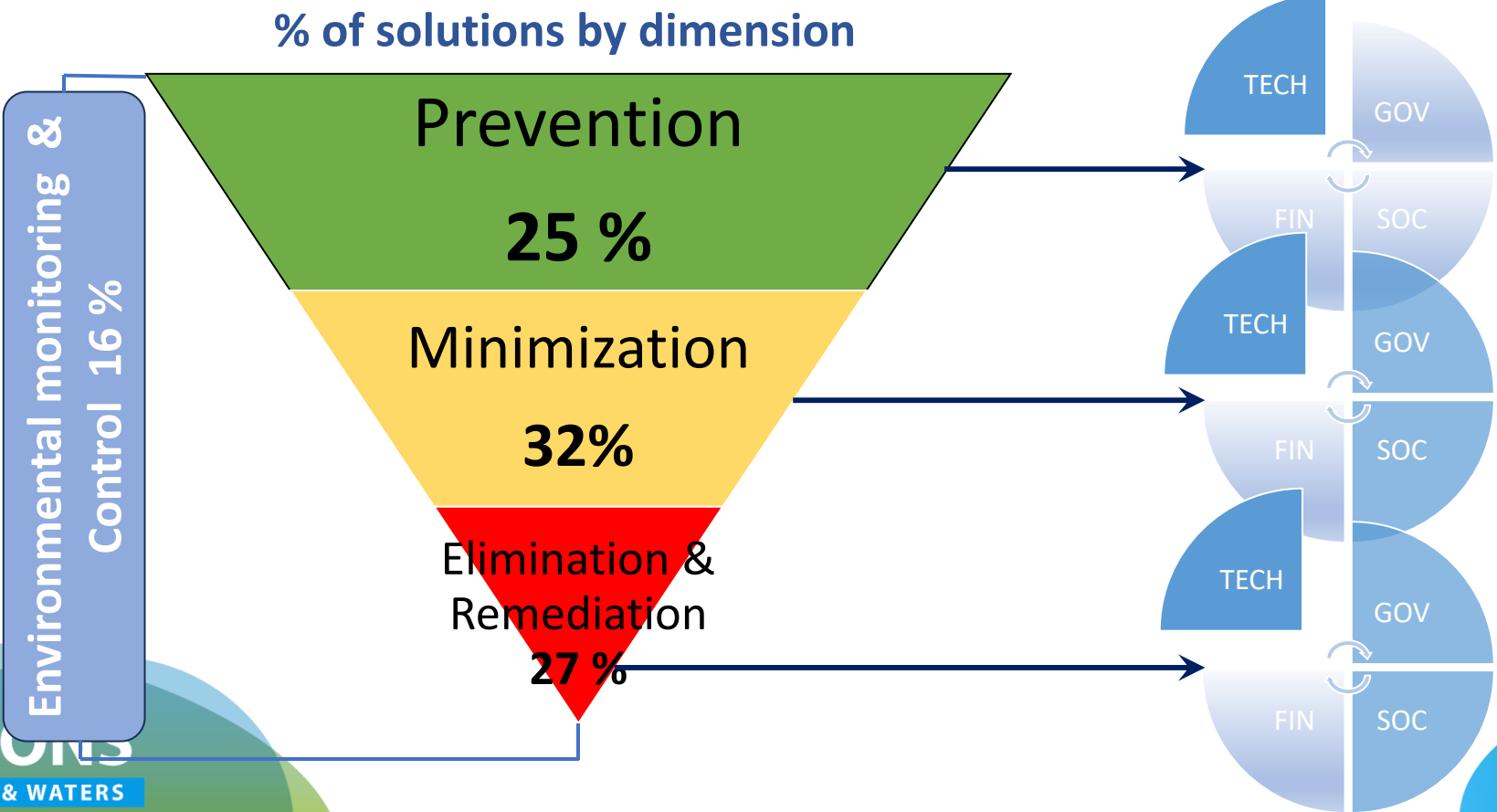
▪ **86 solutions are shortlisted in our Portfolio of Solutions** covering the following solutions scopes:

- Ships emission reduction/ Decarbonization
- Waste collection systems from sea, or river mouths
 - WWTPs contaminants destruction
- Microplastics removal from WWTPs
 - Policy guidelines for Chemicals & Plastics
- Biobased, biodegradable packaging / mulching films/ textiles
- Collect, Recycle, Upcycle, marine litter & ALDFG
- Minimization of SUPs and cigarette butts
 - Tag Fishing Gears
- Marine Litter to fuels and chemicals
 - Circular/ from waste to new material
- Upcycling method /Materials recovery
 - Alternatives to pesticides
- Nature-based solutions for minimizing chemicals
- Minimization of antibiotics in aquaculture

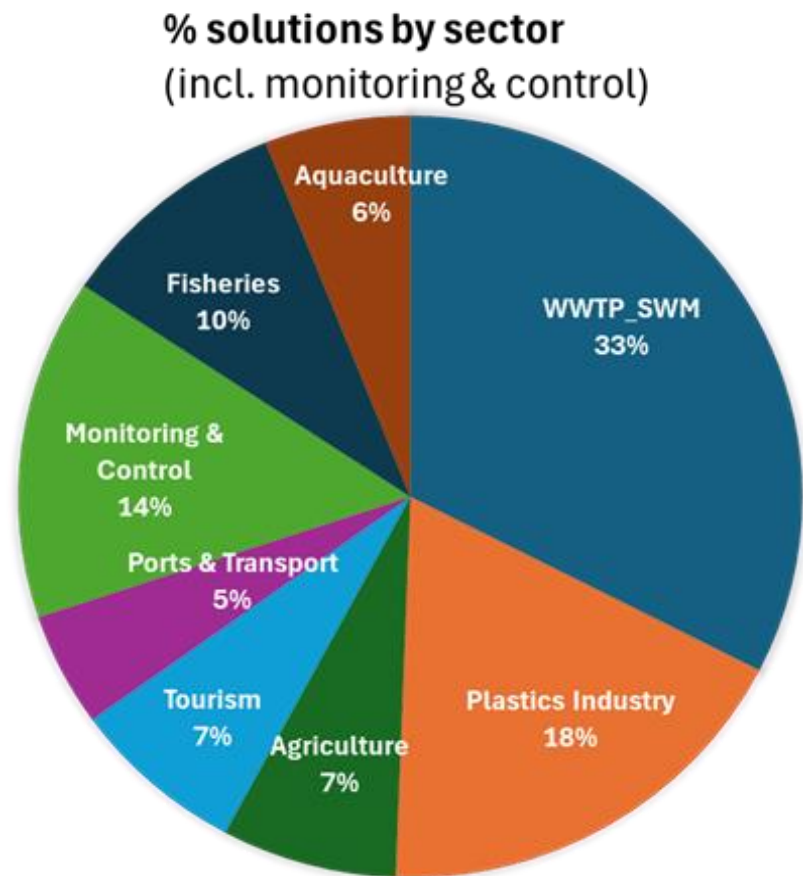
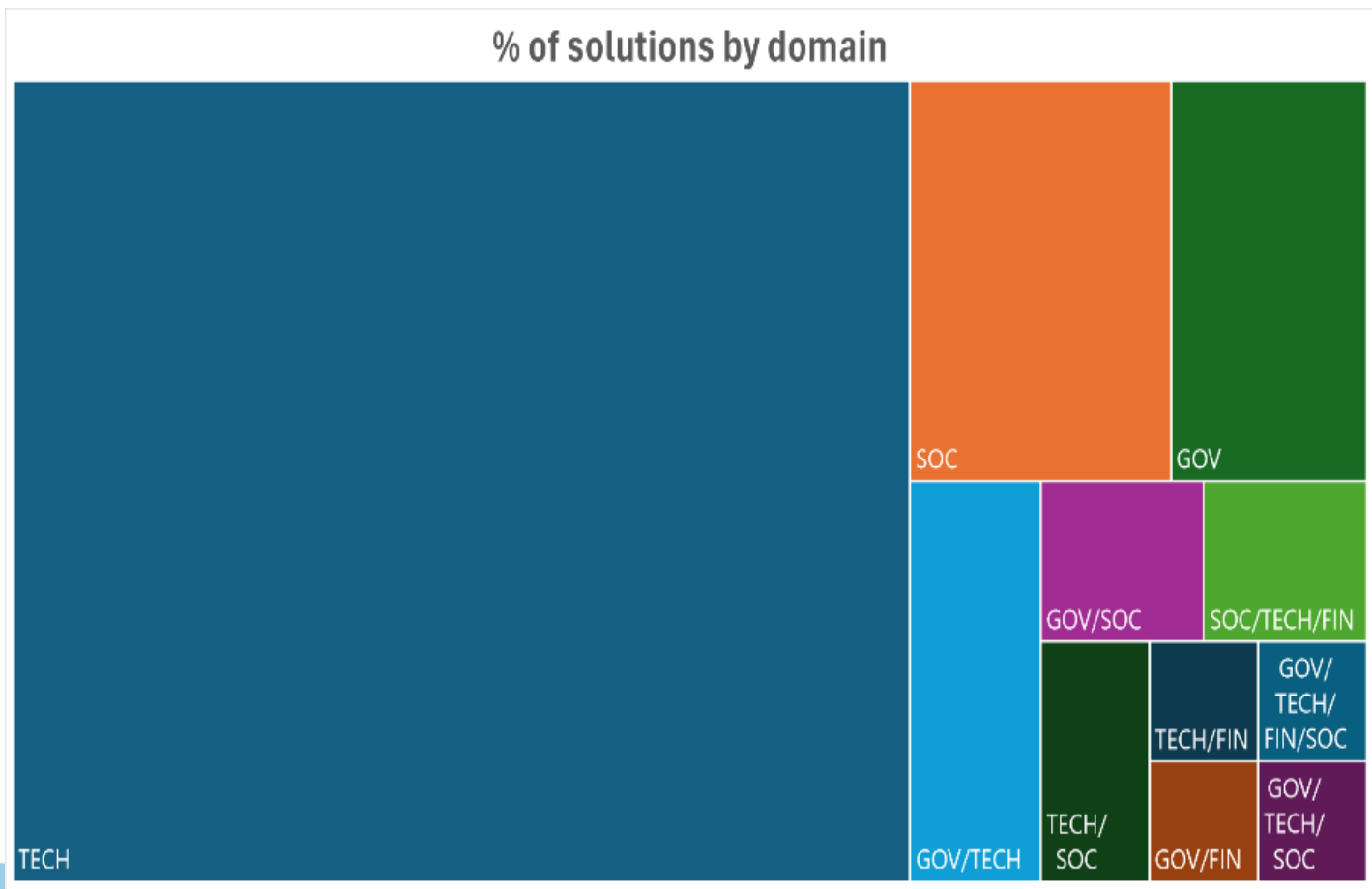
Analysing the solutions for the Mission Objectives

Sectorial priorities and next steps are categorized following the Mission's dimensions

And along the 4 domains of Science/technology, policy, economy, society



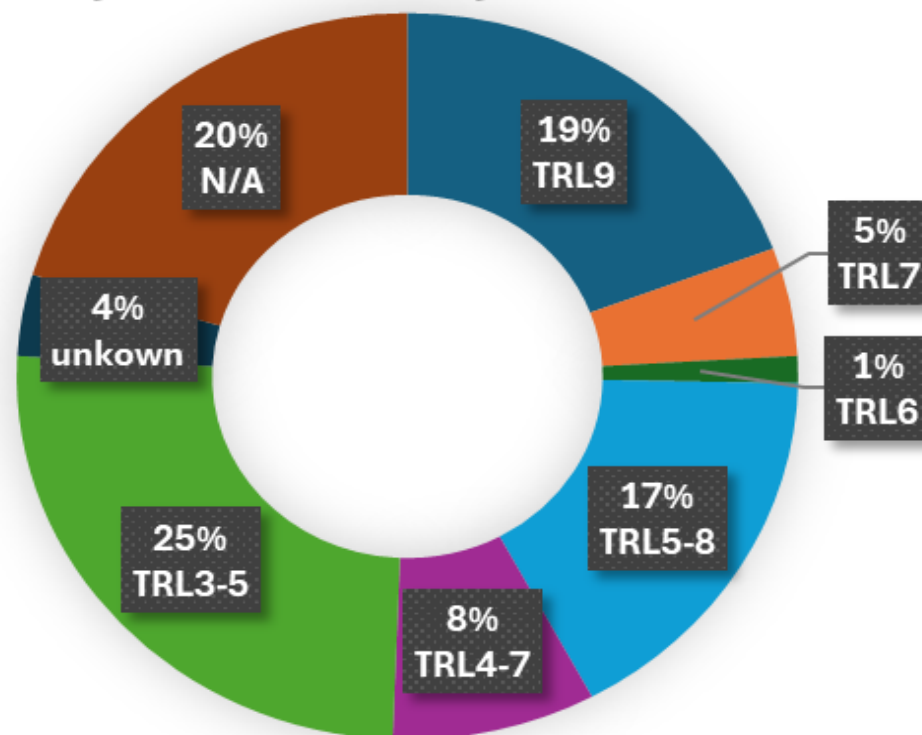
Analysing the solutions according to the project's ontology



Analysing the solutions according to the project's ontology

- Technological solutions were analysed on the Technological Readiness Level (TRL)
- Characterizing the level and type of transformation was more challenging to assess, as **transformative capacity depends on time-sensitive empirical analysis and the subjective moral judgment of the experts involved.**

% of solutions
by TRL - maturity level



Innovative transformative solutions identified for the **agriculture** sector

Dimension	Domain	Solution Scope	No	Solution Name
Prevention			4	
	GOV/FIN		1	
		Best practices/guidelines/farming strategies		[REINWaste]
	TECH		3	
		alternative pesticides		[ALGAENAUTS]
		circular packaging &Minimisation of food loss		[FRUALGAE]
		Best practices/guidelines/farming strategies		[NOVATERRA]
Elimination & Remediation			2	
	GOV		1	
		Best practices/ Nature based solution/Multi actor lab		[COASTAL]
	TECH		1	
		remediation of agricultural land/ circular		[Phy2Climate]
Total number of solutions			6	

Innovative transformative solutions identified for the **aquaculture sector**



Dimension	Domain	Solution Scope	No	Solution Name
ALL			1	
	GOV		1	
		Litter Management guidelines for aquaculture		[AQUALIT]
Prevention			3	
	TECH		3	
		Alternatives to antibiotics in aquaculture		[AQUATIC BIOLOGICALS]
		Recycling of mussel nets		[BIOGEARS]
		Biodegradable nets		[LIFE Muscles]
Minimisation			1	
	TECH		1	
		IMTA		[IDMA]
Total number of solutions			5	

Innovative transformative solutions identified for the **fishery** sector

Dimension	Domain	Solution Scope	No	Solution Name
Elimination & Remediation			8	
	SOC		1	
		Separate collection systems for used nets and gear in ports		[Aegean Rebreath]
	SOC/TECH/FIN		2	
		Collect, Recycle, Upcycle, marine litter & ALDFG		[ECOALF]
				[CircularSeas]
	TECH		4	
		Tag Fishing Gears		[NETTAG+]
				[e-GEAR]
		Collect, Recycle, Upcycle, marine litter & ALDFG		[BlueNET]
		Chemical Recycle marine litter to fuels and chemicals		[SINTOL]
	TECH/FIN		1	
Recycle, Upcycle,marine litter & ALDFG			[BlueCycle]	
Total number of solutions			8	

The HUBs supports the **development, deployment, and up-scale of transformative innovative solutions** in all forms: technological, social, business, governance

Catalogue of **innovative transformative solutions**

Empowerment activities and capacity building
(knowledge, capacities, technical mentoring,
business models, access to financial support)



Support actions led by stakeholders' community

Multilevel collaboration and networking
finalized to leverage resources and
investments (at local, national and EU
level)



HUB Event Methodology

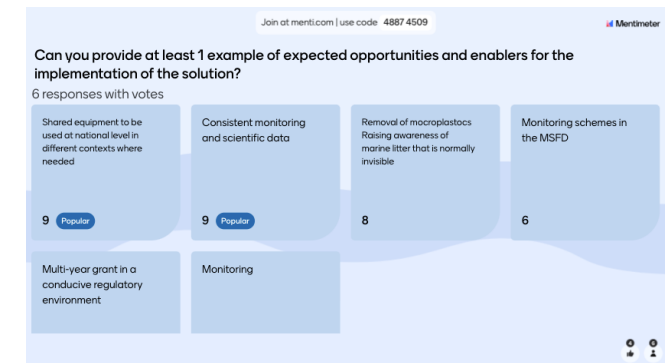
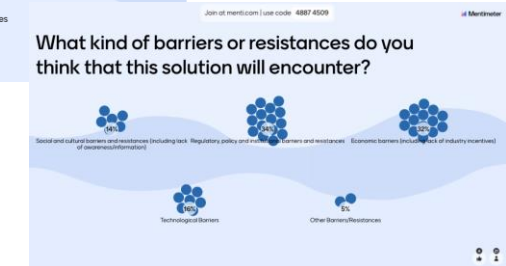
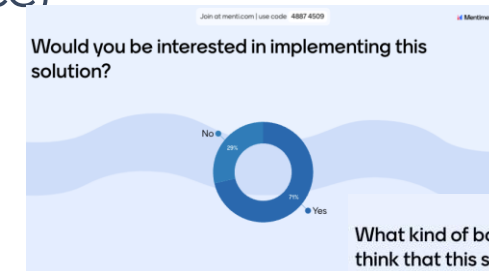
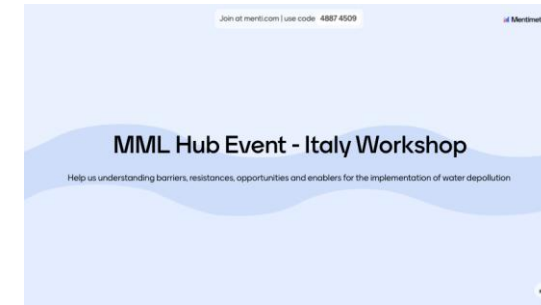
■ Demonstrations:

- ✓ Presentations of the solutions by invited providers + prototype presentation (e.g., physical or media evidence)
- ✓ Optional panel/discussion

■ MML Workshop:

- ✓ HUB MML Mentimeter (prepared by CPRM)
- ✓ Mix of multiple choice (quantitative) and open answers (qualitative) for data
- ✓ Follow-up: Reporting results (and translation) to task leader (CPMR)

**Med HUB event at UN Ocean Decade co-created with Mission Secretariat (Cities' Panel + MML Workshop/Mentimeter)*



Overview of participatory activities

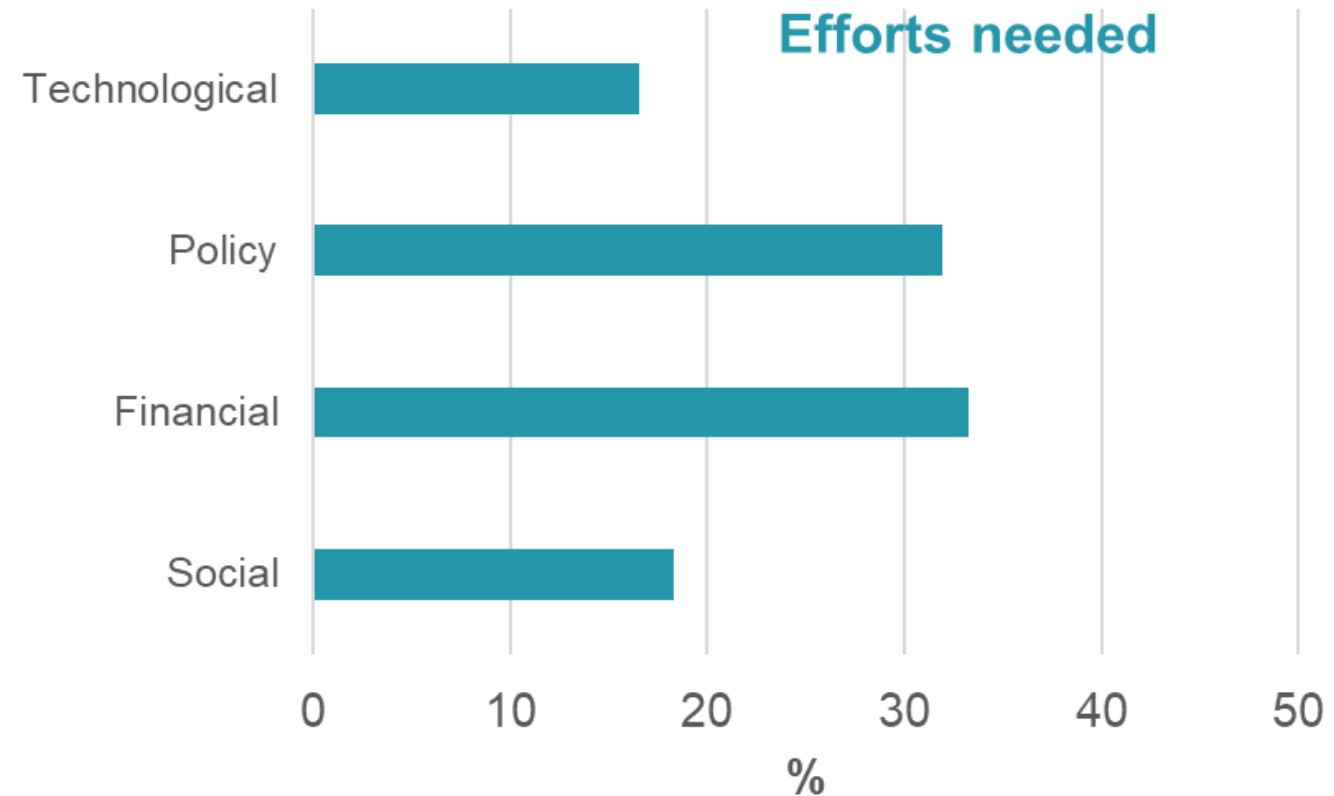
Items	National HUBs Events							Broad Event
	ITALY HUB	FRANCE HUB	GREECE HUB	MALTA HUB	SPAIN HUB	TUNISIA HUB	TURKEY HUB	BMM Project
Date of Event	30 May 2024	3 June 2024	18 June 2024	17 May 2024	23 May 2024	21 May 2024	10 June 2024	12 April 2024
Format	HYBRID	ONLINE	HYBRID	ONLINE	LIVE	HYBRID	ONLINE	LIVE
Event Type	Side Event	Main Event	Main Event	Main Event	Side Event	Main event	Main event	Side Event
Venue for in person events	EU Green Week & Venice Boat Show CNR-ISMAR, Arsenale Venice (Italy)	Online	Society for Macedonian Studies, Thessaloniki	Online	Session in the context of Valencian MARLICE Forum	Hotel El mechtel, Tunis	Online	UN Ocean Decade Conference 2024 Barcelona, ES
Duration and time	ALL DAY - from 10.00 to 17.00 (CEST)	2 hrs (10:00 - 12:00 CEST)	HALF DAY - 10.00 to 15.00 (EEST)	2.5 hrs (10:00 -12:30 CEST)	2 hrs (11:00-13:00h CEST)	2.5 hrs (from 15.00 to 17.30 CEST)	2.7 hrs (13:50-16:45, GMT+3, TR Time)	1.5 hrs (13:15 to 14:45, CEST)
Languages of Event	English + Italian	French	Local (Greek)	English + Maltese	Spanish	French	Turkish	English
N. Of ITSS	9	5	5 (3+2)	5	5	3	6	9 (types)



Communicating the solutions to the national/local HUBs

Highlights/Conclusions from interviews from solutions providers and solution takers, on the Needs & Barriers towards upscaling of solutions

- Improving the regulatory framework and minimize bureaucracy
- Fragmented regulations
- Acceleration of private-public schemes
- Public sector lacks commitment
- Certification and labeling schemes missing
- Social messages should be clear and building solid arguments and evidence to avoid confusion in the market
- A good momentum for the industry and the local authorities/municipalities for informed solutions and cross-sectoral collaboration



Join BlueMissionMed community to...



Contribute to co-design of roadmaps for pollution reduction and mitigation



Promote your good practice in the most relevant Mission events



Make your voice heard, boost the priorities of your sector and provide recommendations for policy and industrial agendas



Participate in bottom-up design of policies to drive systemic changes



Scale up your business, find partners and funding opportunities in the Mediterranean basin



Adopt and implement innovative solutions to your business challenges profiting of our technical assistance and transition support



PART OF THE

EU MISSIONS

RESTORE OUR OCEAN & WATERS

Funded by
the European Union



The **capillarity** of BlueMissionMed and its 7 National/Regional HUBs



As of May 2024, 229 of the 638 Mission Charter signatories were from the Mediterranean basin, reflecting the Region's strong commitment towards the achievement of the EU Mission Restore our Ocean and Waters by 2030.

The Consortium directly contributed to supporting stakeholders' adherence to the Mission Charter underscoring the Project's crucial role in fostering collaboration and commitment to the Mission's objectives within the Mediterranean community.

The ongoing impact of BlueMissionMed

Governance impact

BlueMissionMed has developed a comprehensive strategy to coordinate and align policies, initiatives, and actions across various governance levels, directly supporting the Mission's strategic goals, enhancing cooperation with the European Commission's Mission Secretariat, and engaging a broad range of Mediterranean stakeholders.

Societal impact

BMM has laid the foundations to engage a broad community of stakeholders across the Mediterranean Sea basin and to set up consistent networks with the aim of fostering collaboration and building strong connections across the region.

BlueMissionMed is working to:

- Facilitate the **systemic change** by promoting the deployment of transformative innovative solutions.
- Create a **structuring effect** in the Mediterranean stakeholders' ecosystem.
- Pave the way for **replicability and EU-wide scalability** of the BlueMissionMed model to support the Implementation of the Mission.

Environmental impact and Scientific impact

The Project is making a substantial environmental and scientific contribution by organizing key knowledge, facilitating multi-level collaboration, and driving impactful actions that address critical challenges across the Mediterranean region in line with the global challenges highlighted by the Sustainable Development Goals (SDGs).

Economic impact

All the activities synergically developed during RP1 have gone in the direction of structuring a Mediterranean innovation ecosystem to enable business opportunities and attract investments. The focus has been on preparing the ground for the development of technical services, governance and business models, to guarantee capacity building support for the deployment of the transformative innovative solutions identified.



Overall **numbers** of people involved

- In a nutshell:
 - More than **2500** people attended events and activities, including those related to the set up and implementation of the Lighthouse and of the HUBs, and activities implemented towards the stakeholder engagement.
 - In total, **382** external stakeholders and about 30 members of the BMM Consortium were contacted and engaged in the co-design process of the Operational Implementation Roadmap. **123** stakeholders responded to the OIR online survey.
 - **21** interviews were conducted with solutions providers for the Innovative Transformative Solutions.
 - Circa **244** people attended the Multistakeholder Mobilisation and Mutual Learning Workshops.
 - The Project's partners participated as speakers and co-organisers in about **114** D&C activities in the context of events, meetings, fairs, conferences, workshops, involving over **4200** stakeholders in dissemination activities and reaching **tens of thousands** of stakeholders through communication ones.
 - Citizen science initiative: circa **1500** people between students and teachers were involved in the initiative and final events.
 - Exhibitions in the context of third-parties large scale events: during 5 large scale events, the BlueMissionMed booth was presented to more than **33.000** visitors (both online and onsite).



PART OF THE

EU MISSIONS

RESTORE OUR OCEAN & WATERS

Funded by
the European Union



Conferences



Roundtables



Co-creation activities



Inspirational pitches



Networking and Mutual Learning

Stakeholder engagement



Workshops



Collaboration with other CSAs

Info-educational activities



Living Labs



G7 Science and Technology 2024 "Mediterranean and Atlantic Ocean Health and Coastal Resilience"



Hands-on labs



Exhibitions



Large scale events

“Mediterranean Blue Islands Award”

Capraia, St. Honorat and Kuriat

High-Level Event Mission ‘Restore our Ocean and waters by 2030’– The Mediterranean lighthouse in action – organised by the European Commission in Palermo on May 30-31, 2023

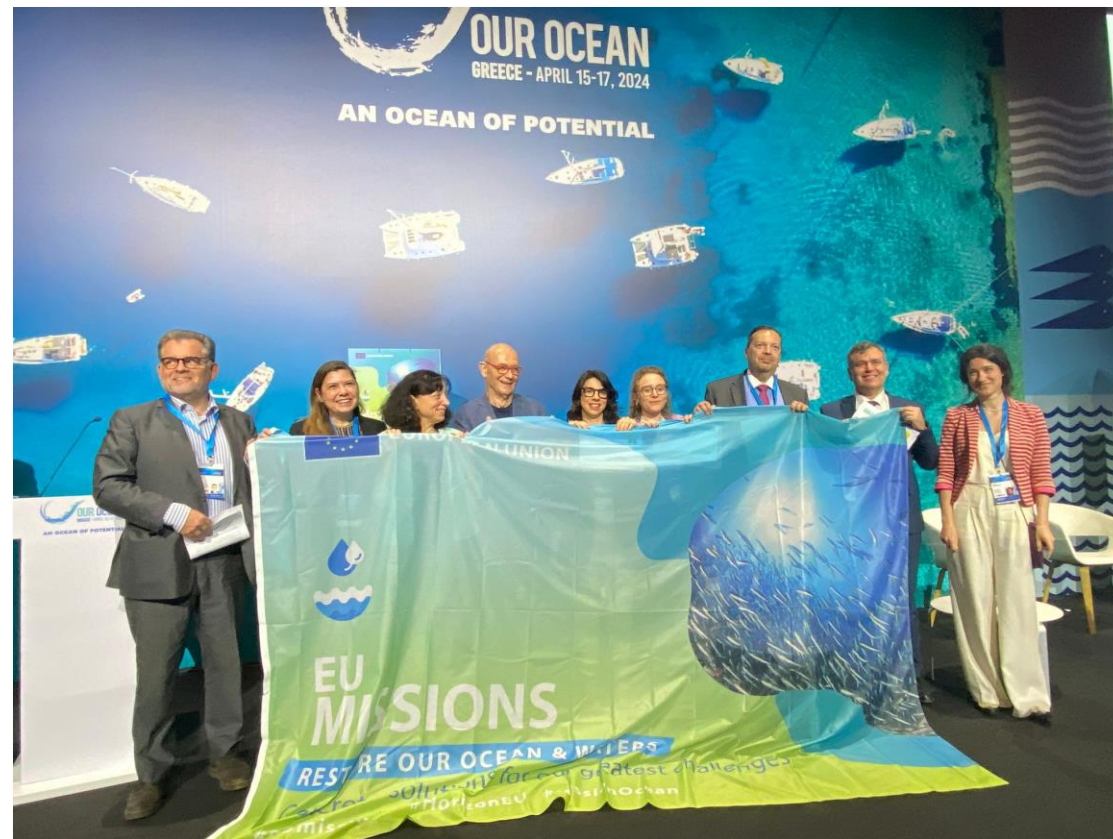


«Blue Ports and Destinations Award»

Port of Antwerp-Bruges, Port of Ravenna,
Port of Heraklion and Galataport (Istanbul)

Concrete solutions for our greatest challenges: Mission Restore our Ocean and Waters by 2030

Our Ocean 2024 Conference, 16 April 2024 - Athens



To celebrate the initiatives involving citizens in transformative actions

“Society4Med” will award 2 good practices engaging citizens in protecting Ocean and Waters* in the following two categories:

- Category 1: awareness and communication
- Category 2: citizen science

SOCIETY4MED — A W A R D —



18 July 2024



Launch of the award

30 September 2024



Deadline for the submission and
endorsement of the Mission
Ocean and Waters Charter

21 October 2024



The 2 winners are notified

5-8 November 2024



Awards ceremony



PART OF THE
EU MISSIONS
RESTORE OUR OCEAN & WATERS

Download the [full call here](#) and submit your action in [this form](#)

Funded by
the European Union





BY
Inspiring Informing
Mobilising **Connecting**
and **Empowering**



PART OF

EU MISSIONS

RESTORE OUR OCEAN & WATERS

Funded by
the European Union



Thank you for your kind attention!



EUROPEAN UNION



EU MISSIONS

RESTORE OUR OCEAN & WATERS

Endorse the Charter

Adhere to the Charter by filling-in the form on [EUSurvey](https://europa.eu/eusurvey) - Survey (europa.eu)




#EUmissions #HorizonEU #MissionOcean



BlueMissionMed Contacts



MORE INFO

-  INFO@BLUEMISSIONMED.EU
-  WWW.BLUEMISSIONMED.EU
-  [@bluemissionmed](https://www.facebook.com/bluemissionmed)
-  [@bluemissionmed](https://www.instagram.com/bluemissionmed)
-  [@bluemissionmed](https://twitter.com/bluemissionmed)
-  [@bluemissionmed](https://www.linkedin.com/company/bluemissionmed)