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**Agenda item 9: MED POL Programme of Work 2022-2023**

**MED POL Programme of Work 2022-2023 proposal for submission to the MAP Focal Points Meeting**

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### **Rationale for the Proposed Programme of Work 2022-2023**

1. Decision IG.24/14 “Programme of Work and Budget 2020-2021”, adopted by the 21st Meeting of the Contracting Parties (COP21) in December 2019, in Naples, Italy, mandates the Secretariat to prepare, in consultation with the Bureau, for consideration and approval by COP22, a result-based Programme of Work (PoW) and Budget for 2022-2023, explaining the key principles and assumptions on which it is based and taking into account the progress achieved during the implementation of the 2020-2021 Programme of Work, and in full alignment with the MTS. The new MTS is built around 7 Programmes. MED POL will contribute to Programme 1, 5,6 and 7 as explained below.

### **Thematic Programme 1: Towards a Pollution and Litter Free Mediterranean Sea and Coast Embracing Circular Economy**

2. More specifically, the proposed 2022-2023 PoW envisages:
- a) Boosting the implementation of the Regional Plan on Marine Litter management through national, subregional and regional actions, with a particular focus on plastics;
  - b) Implementation of Regional Plans addressing priority pollutants and sectors, including through development of regional standards and guidance;
  - c) Developing new Regional Plans for the management of pollutants’ releases from Agriculture, Aquaculture and Storm Water;
  - d) Updating guidelines and strengthening national capacities for the implementation of the Dumping Protocol;
  - e) Undertaking pilot actions to prevent, eliminate and dispose in an environmentally sound manner obsolete chemicals;
  - f) Strengthening the capacity of individual coastal states to respond efficiently to marine pollution incidents; improving pollution event follow-up and enhancing the level of enforcement and the prosecution of discharge offenders;
  - g) Supporting public and private actors in preventing marine litter and toxic chemicals, addressing the circular economy approach;
  - h) Developing and implementing the One Health approach in the Mediterranean in relation to pollution links with human health;
  - i) Supporting the creation and development of circular economy businesses in key sectors of activity which are main sources of pollution;

### **Foundational Programme 5: Governance**

3. With regards to MED POL contribution to this Programme the following activities are proposed:

- a) Supporting national efforts for further progressing on the ratification of the Pollution related Protocols to the Barcelona Convention;
- b) Reinforcing Contracting Parties’ capacities on enforcement of, compliance with, and reporting on legally binding provisions of the MAP Barcelona Convention framework; with a particular focus on Pollution related Protocols;
- c) Contribute to the evaluation of the implementation of the Ecosystem Approach Roadmap and IMAP, and elaborating a new/updated Roadmap as appropriate;
- d) Contribute to the strengthening SPI networks with a focus on IMAP;

- e) Strengthening partnerships with MEA of relevance, Global and regional networks in the scope of the application of the Pollution related protocols of the Barcelona Convention as well as of Regional Plans adopted in the framework of Article 15 of the PBS Protocol;
- f) Expand and strengthen the Marine Litter Regional Platform in close collaboration with European Regional Seas and GPML of the UNEP/GPA
- g) Promoting gender mainstreaming into MED POL operations and activities.

**Enabling Programme 6: Together towards a Shared Knowledge and Foresight of the Mediterranean Sea and Coast**

4. With regards to MED POL contribution to this Programme the following activities are proposed:

- a) Delivering a data-based 2023 Mediterranean Quality Status Report in line with its implementation Roadmap adopted by COP 21 (Decision IG. 24/4); for EO 5,9 and 10 including GES integrated assessment aspects
- b) Further developing IMAP for the Pollution and Litter clusters (developing or upgrading monitoring and assessment criteria for IMAP common indicators (CIs), establishing scales of assessment, and defining integration and aggregation rules, Data Standards (DSs) and Data Dictionaries (DDs) etc.);
- c) Implementing IMAP at national and as appropriate sub-regional level; deliver quality assured data, organize proficiency exercises to enhance national capacities in delivering and reporting quality assured data;
- d) Completing and maintaining the IMAP Info System for all IMAP Common Indicators and ensuring full implementation of the InfoMAP Spatial Data Infrastructure (InfoMAPNode), including coordination with relevant Regional Organizations Infosystems and databases; for the Pollution and Litter Cluster

**Enabling Programme 7: For Informed and Consistent Advocacy, Awareness, Education and Communication**

5. With regards to MED POL contribution to this Programme the following activities are proposed:

- a) Producing and disseminating communication material, i.e. press releases, news items, articles, videos, brochures, web series, social media products etc. and organizing outreach events; based on the deliverables of MED POL work

**MTS Programme 1. Towards a pollution and litter free Mediterranean Sea and Coast embracing circular economy**

Main activity (means of implementation)	Expected deliverable	Lead Component	Other Component(s)	Partners	SDG Targets	MTF/External Resources/Both
<b>Outcome 1.1. Strategies and Action plan addressing marine litter and plastics developed and implemented through comprehensive, coherent and collaborative approaches</b>						
<p><b>1.1.1.</b> Undertake national, subregional, regional actions to boost the implementation of the Marine Litter Regional Plan in the Mediterranean</p> <p>(in-house expertise, consultancy, regional/sub-regional meetings, regional platform, pilots and national capacity building)</p>	<p><b>a)</b> Pilot actions implemented in at least 14 sites in 6 countries on fishing for litter, adopt a beach, waste management at ports measures through the application of common MAP Regional Adopted Guidelines.</p>	MED POL	SCP/RAC, REMPEC	EU funded Water and Environment Support (WES) Project, EU funded EPPA, GIZ,	12.4; 12.5; 14.1	MTF and EU funded ML MED II
	<p><b>b)</b> Best practices shared at national, regional/subregional level, including with local authorities, on the effective implementation of Marine Litter Regional Plan, addressing improving separate waste collection/ transportation systems, combating marine and coastal pollution from open dumpsites, cost-benefit dimension of measures implementation and promoting zero waste initiative.</p>			UNEP GPA, OSPAR, Black Sea Commission, GPML		
	<p><b>c)</b> Membership to the Regional Platform for Marine Litter in the Mediterranean expanded.</p>	CU, MED POL	SCP/RAC, REMPEC, SPA/RAC	ML MED Regional Platform (over 20 regional and global actors), Plastic Partnership (Basel Convention), GIZ, WES, EPPA	12.4; 12.5; 14.1	MTF and EU ML MED Project
<p><b>d)</b> Joint Work Plan of the members of the Regional Platform agreed annually and implemented; at least two joint activities implemented with Partners.</p>	MED POL					

Main activity (means of implementation)	Expected deliverable	Lead Component	Other Component(s)	Partners	SDG Targets	MTF/External Resources/Both
<p><b>1.1.1.</b> Undertake national, subregional, regional actions to boost the implementation of the Marine Litter Regional Plan in the Mediterranean</p> <p>(in-house expertise, consultancy, regional/sub-regional meetings, regional platform, pilots and national capacity building)</p>	<p><b>e)</b> Technical support provided to CPs, which so request, to implement the IMO Action Plan to address marine plastic litter from ships and the related provisions of the Regional Plan on Marine Litter Management in the Mediterranean, where appropriate.</p> <p><b>f)</b> Relevant activities of the IMO-FAO-Norway GloLitter Partnerships Project facilitated in the Mediterranean, as appropriate.</p> <p><b>g)</b> Synergies between the amended Regional Plan on Marine Litter Management in the Mediterranean and the IMO Action Plan/Strategy to address marine plastic litter from ships, as well as other relevant plans or initiatives, maintained and strengthened.</p>	REMPEC, CU	MED POL	IMO, FAO, GFCM, EBRD	12.4; 12.5; 14.1	External resources
<p><b>1.1.3.</b> Implement and scale up a robust policy framework to reduce and prevent plastic use</p> <p>(in-house expertise, consultancy, cooperation agreements, regional meetings/webinars)</p>	<p><b>a)</b> National cooperation agreements between public and private stakeholders to prevent plastic pollution and reduce plastic waste in 2 countries; guidance provided.</p> <p><b>b)</b> Legal and technical support provided to public authorities to strengthen policy framework to reduce plastic use, addressing in particular Single Use Plastic Products.</p> <p><b>c)</b> Sharing existing solutions and good practices to prevent plastic use and pollution by applying eco-innovation, life cycle thinking (including eco-design).</p> <p><b>d)</b> 3 webinars on solutions to prevent plastic pollution.</p> <p><b>e)</b> 20 Food services located in coastal areas supported to implement measures to reduce food and beverage packaging ending-up as Marine Litter.</p>	SCP/RAC	MED POL, CU	TBD	12.1; 12.4; 12.5; 14.1	<p>MTF</p> <p>DG ENV (Marine Litter Med II) + DG NEAR (WES) + MTF</p> <p>MTF</p> <p>External resources expected from IMELS</p>

Main activity (means of implementation)	Expected deliverable	Lead Component	Other Component(s)	Partners	SDG Targets	MTF/External Resources/Both
<p><b>1.1.4.</b> Enhance stakeholders 'capacity, in particular public authorities, to prevent plastic and microplastic pollution</p> <p>(in house expertise, consultancy, national and regional trainings)</p>	<p><b>a)</b> 1 regional training on microplastics organized.</p> <p><b>b)</b> 3 national trainings on EPR/SUPs/solutions to prevent ML organized.</p>	SCP/RAC	MEDPOL, PAP/RAC	TBD	12.4 ;12.5; 12.a; 14.1	DG NEAR (WES) + DG ENV (Marine Litter Med II) + MTF
<p><b>c)</b> 1 training programme on ML prevention targeting coastal municipalities organized and good practices shared.</p>	MTF					
<p><b>Outcome 1.2. A holistic and efficient response to land and sea-based pollution, [as a part of overall Ecosystem Approach for Mediterranean policy] (chemicals, contaminants, eutrophication, noise, oil and emerging pollution) for a sustainable Mediterranean coastal and marine ecosystem is implemented</b></p>						
<p><b>1.2.1.</b> Develop new regulatory measures in line with article 15 of the LBS Protocol for priority sectors as provided for in the Decision IG.24/10</p> <p>(in house expertise, consultancy, consultation, regional meetings)</p>	<p><b>a)</b> Regional Plan on Agriculture and Aquaculture.</p> <p><b>b)</b> Regional Plan on Storm Water management.</p> <p><b>c)</b> State of Play Report on pre-treatment of industrial effluents standards for industries discharging into urban wastewater collection systems prepared.</p>	MED POL, CU	Plan Bleu, SCP/RAC	(WES) Project	6.3; 12.4; 14.1	MTF
<p><b>1.2.2.</b> Take national and regional actions including enabling investments, to implement Regional Plans on WasteWater and Sludge Management</p> <p>(in-house expertise, consultancy, national trainings/capacity</p>	<p><b>a)</b> Preparatory studies on investment potential for wastewater treatment/collection network projects addressing NAP hotspots in three countries (Egypt and Lebanon) or completed (Tunisia).</p> <p><b>b)</b> Capacity building programs for national water and sanitation agencies/companies initiated (Egypt and Lebanon) or completed (Tunisia)</p> <p><b>c)</b> Action plans for gender mainstreaming in the wastewater sector initiated (Egypt, Lebanon and Tunisia).</p>	CU, MED POL	SCP/RAC	GEF, European Investment Bank, UNEP, GPA	5.c; 6.5; 6.6; 6.a; 12.4; 13.1; 14.1	GEF

Main activity (means of implementation)	Expected deliverable	Lead Component	Other Component(s)	Partners	SDG Targets	MTF/External Resources/Both
building activities, regional meeting)	<p><b>d)</b> Regional standards for urban wastewater treatment and sewage sludge management developed including wastewater reuse, and energy efficiency.</p> <p><b>e)</b> Best practices shared.</p>	MED POL		GEF, European Investment Bank, UNEP, GPA		External (MedProgramme)
<p><b>1.2.3.</b> Promote sustainable Desalination Sector in the Mediterranean</p> <p>(in-house expertise, consultancy, publication, regional meeting)</p>	<p><b>a)</b> State of play of Desalination in the Mediterranean made available through maps or publication.</p> <p><b>b)</b> Recommendations elaborated in a decision support tool to assist sustainable investment decision-making &amp; dissemination of the tool through participation in events.</p>	Plan Bleu	MED POL	MedProgramme, AFD, UNIDO	6.3; 6.a; 12.4; 14.1	MTF, External funds
	<p><b>c)</b> Regional standards on desalination technologies.</p> <p><b>d)</b> Best practices to minimize environmental impact of desalination compiled and shared.</p>	MED POL	Plan Bleu			
<p><b>1.2.4.</b> Enhance the implementation of MED POL reporting tools developed to assess pollution loads from land based sources and activities</p> <p>(in-house expertise, consultancy, regional meeting)</p>	<p><b>a)</b> PRTR/NBB Guidelines implemented and data reported including diffuse sources.</p> <p><b>b)</b> Pollution trends assessed at national and sub-regional/regional levels.</p>	MED POL	CU	EEA, UNECE, OECD, EPPA	9.4; 12.4; 14.1	MTF
	<p><b>c)</b> Best practices shared at regional level to exchange knowledge on reporting (PRTR, NBB , NAP/H2020 indicators).</p>					
<p><b>1.2.5.</b> Undertake national and regional action to enhance the implementation of the</p>	<p><b>a)</b> Best practices shared to support the implementation of Dumping Protocol Guidelines adopted by COP 21 (Artificial reefs).</p>	MED POL	CU	LC/LP, IMO, IMPEL	12.4; 14.1	MTF

Main activity (means of implementation)	Expected deliverable	Lead Component	Other Component(s)	Partners	SDG Targets	MTF/External Resources/Both
Dumping Protocol  (in-house expertise, consultancy, regional meeting)	<b>b)</b> Guidelines on dumping of uncontaminated inert materials updated in synergy with the IMO London Protocol.					
<b>1.2.6.</b> Undertake pilot actions to prevent, eliminate and dispose in an environmentally sound manner obsolete chemicals.  (in-house expertise, consultancy, national trainings/capacity building activities, field visits, regional meeting)	<b>c)</b> Training activities to engage the private sectors in using alternatives to toxic chemicals organized in 3 countries.		MEDPOL			GEF (MedProgramme)
	<b>d)</b> 500 tons of PCBs in Algeria and Lebanon collected and disposed; PCBs inventory in Algeria, Morocco, Tunisia, Albania, Bosnia and Herzegovina, and Montenegro) updated.	MED POL	CU, SCP/RAC	MedProgramme, Stockholm Convention, Minamata Convention, UNEP Chemicals		GEF (MedProgramme)
	<b>e)</b> EMP for mercury stocks in Algeria, B&H, Morocco and Tunisia; 50 tons of Mercury in Algeria, B&H, Morocco and Tunisia collected and disposed.					
	<b>f)</b> Best practices for management of obsolete/in stock chemicals (focus on PCBs, POPs, mercury), including on compliance and enforcement shared.  <b>g)</b> Capacity building provided to relevant national authorities with a focus on inspectorate bodies.					
<b>1.2.7.</b> Strengthen and implement national frameworks to regulate/ban the use of POPS/toxic chemicals  (in-house expertise, consultancy)	<b>a)</b> Support provided to 3 countries to regulate/ban the use of POPs/toxic chemicals.  <b>b)</b> Mechanisms developed to accompany companies in phasing out certain chemicals.	SCP/RAC	MED POL	MedProgramme	12.1; 12.a; 14.1	GEF (MedProgramme)



Main activity (means of implementation)	Expected deliverable	Lead Component	Other Component(s)	Partners	SDG Targets	MTF/External Resources/Both
<p><b>1.2.8.</b> Increase access to information on chemicals in products</p> <p>(in-house expertise, consultancy, national trainings, public webinars, awareness raising)</p>	<p><b>a)</b> Facility, hub, awareness campaigns to increase knowledge on chemicals in products in cooperation with companies and citizens associations.</p>	SCP/RAC	MEDPOL	SwitchMED II, UNIDO, MehMED Network, University of Girona	12.8	BRS Secretariat (only for Master module)+ MTF
	<p><b>b)</b> Master module on toxic chemicals in plastics prepared and delivered in 3 countries.</p>					MTF
	<p><b>c)</b> Interactive web platform to raise awareness on chemicals in plastic products prepared.</p>					BRS Secretariat (only for 2 Webinars)+ MTF
<p><b>d)</b> 3 public webinars on strategies to prevent chemicals in products organized.</p>						
<p><b>Outcome 1.3. Systemic approaches for Circular Economy as well as Sustainable Consumption and Production incorporated into key sectors of activity which are main sources of pollution</b></p>						
<p><b>1.3.1.</b> Promote SCP/Circular economy approaches in key sectors of LBS Protocol</p> <p>(in-house expertise, consultancy)</p>	<p><b>a)</b> Circular economy approach for biowaste implemented in one country.</p>	SCP/RAC	MED POL	SwitcMed	12.1; 12.a	MTF Funding required
<p><b>Outcome 1.4. One Health approach developed and implemented, linking human and ecosystems health with pollution reduction and prevention, taking into account lessons learnt from the COVID-19 pandemic</b></p>						
<p><b>1.4.1.</b> Develop and implement a one-health approach for the Mediterranean, in partnership with WHO and FAO (2022/2023)</p> <p>(in-house expertise, consultancy, regional conference)</p>	<p><b>a)</b> Comparative assessment of impact of environmental factors on health in the Mediterranean region conducted through literature review.</p> <p><b>b)</b> A Med-wide conference on One-Health approach for the Mediterranean; Conference report published and disseminated.</p>	Plan Bleu	All MAP Components	WHO, FAO, UNEP, UNESCO, One Health High-Level Expert Council	3.9; 14.1; 14.2	MTF

Main activity (means of implementation)	Expected deliverable	Lead Component	Other Component(s)	Partners	SDG Targets	MTF/External Resources/Both
<p><b>1.4.2.</b> Implement the agreed Med SOx ECA Road Map (Decision IG.24/8), and explore the possible designation of the Mediterranean Sea, as a whole, as an Emission Control Area for nitrogen oxides</p> <p>(in-house expertise, consultancy, national workshops, regional meeting)</p>	<p><b>a)</b> Technical support and capacity building provided to CPs, which so request, to ratify and effectively implement MARPOL Annex VI.</p>	REMPEC	CU, MED POL, PB/RAC	IMO		MTF
	<p><b>b)</b> Joint and coordinated proposal for the designation of the proposed Med SOx ECA submitted to the IMO, and discussions at MEPC facilitated, as appropriate.</p> <p><b>c)</b> Mediterranean Action Plan (MAP) nitrogen oxides (NOx) Emission Control Area (ECA)(s) Technical Committee of Experts established</p>			IMO	3.9; 12.4; 14.1	MTF
	<p><b>d)</b> Terms of Reference for a specific Technical and Feasibility Study to assess the relevant existing studies and gather further knowledge on the possible designation of the Mediterranean Sea, as a whole, as an Emission Control Area for nitrogen oxides, developed and validated by the NOx ECA(s) Technical Committee of Experts.</p>			IMO, HELCOM, OSPAR, Bonn Agreement	MTF	
	REMPEC	CU, MED POL, PB/RAC				

**MTS Foundational Programme 5: Governance**

Main activity (means of implementation)	Expected deliverable	Lead Component	Other Component(s)	Partners	SDG Targets	MTF/External Resources/Both
<b>Outcome 5.1. Effective Implementation and Enforcement by the Contracting Parties of the Barcelona Convention, its Protocols, MAP Policies, including Ecosystem Approach related COP decisions, the MSSD and Programmes of Measures achieved at regional and national levels</b>						
<p><b>5.1.1.</b> Strengthen Contracting Parties action to comply with legally binding obligations under Barcelona Convention and its Protocols</p> <p>(in-house expertise, consultancy, technical national assistance, regional meeting)</p>	<p><b>d)</b> Contracting Parties develop national policies, legislation and mechanisms for the implementation and enforcement of the BC Protocols.</p> <p><b>e)</b> Technical assistance to CPs to develop national policies, regulatory frameworks and which are consistent with the BC and its Protocols is provided.</p>	CU	MAP Components, (MEDPOL, PAP/RAC SPA RAC, REMPEC)	MEAs, UNEP	All SDG 14 Targets especially 14.2 and 14.c; 16.3; 17.14	Both
<b>Outcome 5.2. Systemic strengthening and effective functioning and delivery of MAP decision-making and advisory bodies ensured, and efficiency enhanced with new digital approaches</b>						
<p><b>5.2.1.</b> Deliver successfully COP 23 of MAP Barcelona Convention</p> <p>(in-house expertise, Host Country Agreement, conference services, venue, side events, travel arrangements)</p>	<p><b>a)</b> COP 23 Declaration, Decisions including the PoW 2024-2025 reviewed and adopted, recommendations of the Compliance Committee and the MCSA reviewed.</p> <p><b>b)</b> Progress achieved during the biennium 2022-2023 reviewed and acknowledged.</p> <p><b>c)</b> Status of implementation of the Convention and its Protocols reviewed.</p> <p><b>d)</b> MAP visibility and outreach enhanced.</p>	CU	MED POL, RACs	Host country, CPs, MAP Partners	All SDG 14 targets especially 14.c; 16.3; 17.14; to a lesser extent SDGs 6, 12, 13	Both

Main activity (means of implementation)	Expected deliverable	Lead Component	Other Component(s)	Partners	SDG Targets	MTF/External Resources/Both
<b>5.2.4. Organize Compliance Committee Meetings</b>  (in-house expertise, conference services, travel arrangements)	<b>a)</b> 2 Compliance Committee Meetings successfully convened; Non-compliance situations addressed and brought to the attention of COP 23.	CU, Compliance Committee	MEDPOL, RACS	Compliance Committes under relevant MEA	All SDG 14 targets especially 14.c; 16.3; 17.14; to a lesser extent SDGs 6, 12, 13	MTF
	<b>b)</b> Interactions and possible joint sessions with Compliance Committees of other MEAs held.					
	<b>c)</b> Compliance Procedures and Mechanisms further developed with additional elements to maximise their effective use and impacts.					
<b>Outcome 5.3. Policy coherence and complementarity ensured among relevant work at global, regional and national levels and among MAP-Barcelona Convention system's policy and regulatory instruments</b>						
<b>5.3.3. Strengthen cooperation for joint reporting under the BC and its Protocols</b>  (in-house expertise, national trainings, twinning's)	<b>a)</b> Mechanisms for promoting mutual supportiveness with other relevant international instruments when it comes to reporting developed.	CU	RACs, MEDPOL	MEAs	All SDG 14 taregst especially 14.c; 16.3; 17.14; to a lesser extent SDGs 6, 12, 13	Both
	<b>b)</b> Support for reporting provided at national level (e.g. e-reporting modules, twinning approach).					
<b>Outcome 5.4. Enhanced partnerships and multi-stakeholder engagement, including with the private sector and science policy interface</b>						

Main activity (means of implementation)	Expected deliverable	Lead Component	Other Component(s)	Partners	SDG Targets	MTF/External Resources/Both
<p><b>5.4.1.</b> Promote dialogue and enhanced engagement of global and regional organizations and partners</p> <p>(in-house expertise, partnerships, bilateral cooperation, private sector engagement)</p>	<p><b>a)</b> Leading role of MAP further defined and strengthened in existing and new areas.</p> <p><b>b)</b> New areas of cooperation identified and added to existing bilateral cooperation agendas: Focus GFCM, UfM, Biodiversity related organizations, Marine Litter.</p> <p><b>c)</b> Cooperation with new partner institutions, including form private sector, initiated.</p>	CU	RACs, MEDPOL	International and regional organizations, private sector/donors, UNEP, MEAs, CPs	17,17	Both
<p><b>5.4.2.</b> Strengthen participation and contribution of civil society and private sector to the work of MAP BC system</p> <p>(in-house expertise, support attendance in MAP meetings, round tables)</p>	<p><b>a)</b> MAP Policy on Partnerships updated including an Engagement mechanism/strategy for Civil Society Organisations.</p> <p><b>b)</b> New MAP Partners added and existing MAP Partners renewed; Enhanced engagement of MAP Partners in policy development and implementation.</p> <p><b>c)</b> Annual round table discussions held (back-to-back with other meetings).</p>	CU	RACs, MEDPOL	MAP Partners, NGOs, CPs	17,17	Both
<p><b>5.4.3.</b> Strengthen SPI networks and enhance partnership with scientific institutions to support MAP Barcelona Convention system</p> <p>(in-house expertise,</p>	<p><b>b)</b> Partnership Agreement signed with scientific Institutions to support integrated assessment of GES.</p> <p><b>c)</b> SPI platform set up to support IMAP implementation at national and regional levels.</p>	CU	All MAP Components, IMAP Task Force	Scientific Institutions; UNESCO; IOC; CNR		

Main activity (means of implementation)	Expected deliverable	Lead Component	Other Component(s)	Partners	SDG Targets	MTF/External Resources/Both
consultancy, pilot action(s), national thematic events/workshops)	d) National thematic IMAP SPI networks/hubs established in two countries.	Plan Bleu, CU	All MAP Components, IMAP Task Force			
	e) Joint Work Plan 2022-2027 between EEA and UNEP/MAP implemented (main areas of cooperation: Building strengthened knowledge base; Responding to political priorities; Supporting digital transformation; Ensuring coordinated networking, communication and stakeholder interaction).	CU	INFO/RAC, MED POL, Plan Bleu, PAP/RAC	EEA, EIONET, ETC, H2020, DG NEAR		Both
<b>Outcome 5.5. Coordinated approaches implemented to strengthen public institution capacities for the implementation of the Barcelona Convention and its Protocols</b>						
5.5.1. Strengthening national governance frameworks for the BC and its Protocols  (in-house expertise, partnerships)	a) Short courses designed and organized linked to the implementation and enforcement of the BC and its Protocols in universities and other academic institutions.	CU	MEDPOL, RACs	MEAS, UNEP, Academic institutions, InforMea	All SDG 14 targets especially 14.c; 16.3; 17.14	Both

**MTS Enabling Programme 6: Together towards a shared knowledge and foresight of the Mediterranean sea and coast**

Main activity (means of implementation)	Expected deliverable	Lead Component	Other Component(s)	Partners	SDG Targets	MTF/External Resources/Both
<b>Outcome 6.1. Inclusive and participatory foresight activities conducted at regional and national and local levels, with associated capacity-building</b>						
<p><b>6.1.2.</b> Prepare the Transboundary diagnostic analysis for the Mediterranean Sea</p> <p>(in-house expertise, consultancy)</p>	<p><b>a)</b> Methodology of the Transboundary diagnostic analysis elaborated; priority transboundary problems identified for the Mediterranean Sea; socio-economic characteristics assessed.</p>	<p>CU, MEDPOL</p>	<p>CU, IMAP Task Force (including SPA/RAC, Plan Bleu, INFO/RAC)</p>	<p>National IMAP competent laboratories / authorities; relevant national and international scientific institutions; EU MSFD technical bodies;</p>	<p>14.a</p>	<p>GEF MED Programme: Child Project 1.1.</p>
<b>Outcome 6.2. Science-based IMAP, foresight and other assessments and assessment tools for strengthened science-policy interface and decision making</b>						
<p><b>6.2.1.</b> Strengthen the implementation of national IMAP-based monitoring programmes for all clusters and deliver quality assured data</p> <p>(in-house expertise, consultancy, IMAP TF, national assistance and trainings)</p>	<p><b>d)</b> Technical and financial support provided to support pollution and litter cluster of IMAP to at least 7 countries to ensure delivery of quality assured data, as well as their reporting using the IMAP Info System.</p>	<p>MEDPOL</p>				

Main activity (means of implementation)	Expected deliverable	Lead Component	Other Component(s)	Partners	SDG Targets	MTF/External Resources/Both
<p><b>6.2.2.</b> Upgrade the assessment component of IMAP including possible integrated assessment for all IMAP clusters: Focus Assessment criteria and thresholds (CI 1, 2, 6, 13, 14, 16, 17, 21, 22, 23)</p> <p>(in-house expertise, consultancy, IMAP TF, CORMONs)</p>	<p><b>g)</b> Updated/new scales of monitoring and assessment proposed for mandatory Common Indicators as applicable ( EO 5,9, 10).</p> <p><b>h)</b> GIS atlas prepared for scales of monitoring and scales of assessment to be integrated into IMAP Info System.</p> <p><b>i)</b> IMAP methodology on integrated assessments adjusted and further developed.</p> <p><b>j)</b> Proposals to upgrade IMAP discussed by CORMONs Pollution and Litter and ECAP CG meeting.</p> <p><b>k)</b> Further progress on assessment criteria and thresholds for IMAP Common Indicators 13, 14, 17 , 18, 22 and 23, if possible also at sub-regional level, based on data availability.</p>	MED POL				
<p><b>6.2.4.</b> Deliver 2023 MED Quality Status Report (QSR)(in house expertise, thematic assessments, consultations with partners, GIS maps, IMAP TF, CORMONs)</p>	<p><b>b)</b> Thematic assessments for Ecological Objectives 5, 9 and 10 contributing to 2023 MED QSR whilst progressing towards integration among these 3 EOs and as appropriate with other Ecological Objectives 1, 7 and 8 of IMAP Biodiversity, Coast and Hydrography Cluster, as appropriate and feasible; CORMON Meeting held annually.</p> <p><b>e)</b> Elaboration and spatial data analysis of monitoring data aggregated by MAP components for the purposes of 2023 MED QSR.</p>	MED POL, CORMON Pollution and Litter	CU, MAP Components	UNEP-GRID, UNIGE	All SDG 14 targets especially 14.a 12.8	MTF



Main activity (means of implementation)	Expected deliverable	Lead Component	Other Component(s)	Partners	SDG Targets	MTF/External Resources/Both
<b>Outcome 6.3. [IMAP implementation and] Environment and Development Observation provide updated and quality assured data in support of decision-making by Contracting Parties and assessment of GES.</b>						
<p><b>6.3.1.</b> Strengthen national capacities to apply harmonized and standardized monitoring and assessment practices related to pollution and marine litter in line with IMAP</p> <p>(in-house expertise, consultancy, field survey, national laboratories, training, IMAP TF)</p>	<p><b>a)</b> National MED POL/ IMAP laboratories supported to apply good laboratory practices for monitoring of contaminants in biota and sediment, as well as for biomarkers if feasible, through organization of the proficiency tests (PT) and related Training Courses.</p> <p><b>b)</b> Proposal prepared for inter-calibration proficiency testing and training courses for eutrophication (nutrients and chlorophyll-a) in seawater.</p>	MEDPOL	CU, IMAP Task Force	IAEA; National IMAP competent authorities; Scientific institutions; bodies EU MSFD;	14.1 ; 14.a	Both
<p><b>6.3.4.</b> Ensure effective operation of the NBB reporting system</p> <p>(in-house expertise, national technical assistance and trainings)</p>	<p><b>d)</b> Relationship with the PRTR and EU Registry component implemented, and assessment functions strengthened at regional, subregional, national and river basin scale.</p>	MED POL		EEA		MTF
<p><b>6.3.6.</b> Complete and maintain IMAP Info System with all IMAP Common Indicators fully implemented for the CPs to upload their monitoring data</p>	<p><b>b)</b> Data Standards (DSs) and Data Dictionaries (DDs) developed for IMAP Common Indicators (all the remaining ones: part of them with the support of the EcAp MED III Project).</p> <p><b>c)</b> Quality control on data formats and data coherence upgraded and developed for IMAP Cis (all the remaining: part of them with the support of the EcAp MED III Project).</p>	CU	<p>MED POL, SPA/RAC, PAP/RAC</p> <p>MED POL, SPA/RAC, PAP/RAC</p>			<p>Both</p> <p>Both</p>

Main activity (means of implementation)	Expected deliverable	Lead Component	Other Component(s)	Partners	SDG Targets	MTF/External Resources/Both
	<b>d)</b> Dedicated assistance and support trainings to CPs to organize, upload, validate and release monitoring data in 2022 and 2023. Creating and sharing tutorials on the IMAP site to help CPs in workflow processes.		MED POL, SPA/RAC, PAP/RAC			Both
<b>6.3.12.</b> Develop monitoring protocols and guidelines  (in-house expertise, consultancy)	<b>a)</b> Monitoring Guidance/Protocols prepared for IMAP CI23 (seafloor macro-litter, beach macro-litter; as well as for floating macro-litter, beach micro-litter, and seafloor micro-litter), as well as for Candidate Indicator 24, as feasible due to availability of relevant scientific inputs.	MED POL			14.1	
	<b>b)</b> Guidelines for monitoring microplastics deriving from WWTP and riverine inputs of marine litter are prepared.	MED POL	SCP/RAC			ML MED II
<b>6.3.13.</b> Expand and improve the monitoring and forecasting capacities in the marine environment through integrating networks of observing and forecasting systems (oceanographic observatories) across the Mediterranean Sea (in-house expertise, consultancy, trainings and working meetings)	<b>a)</b> Priority needs and actions agreed to strengthen reliable and cost-effective monitoring and GES assessment related to IMAP Pollution Cluster, including use of best available knowledge and technologies within science-policy interface, thereby also contributing to the Implementation Plan of UN Decade on Ocean Science.	MEDPOL	CU, SPA/RAC, PAP/RAC, IMAP Task Force	Scientific institutions ; UNESCO; IOC; CNR	14.1 ; 14.a	
	<b>c)</b> Possible application of modeling and forecasting techniques and tools explored, as available and appropriate.	MED POL	IMAP Task Force		14.2 ; 14.a	MTF

**MTS Enabling Programme 7: For informed and consistent advocacy, awareness, education and communication**

Main activity (means of implementation)	Expected deliverable	Lead Component	Other Component(s)	Partners	SDG Targets	MTF/External Resources/Both
<b>Outcome 7.2. Citizen and general public awareness and outreach raised through citizen science and digital campaigns</b>						
<p><b>7.2.3.</b> Enhance public awareness and outreach on key MAP topics</p> <p>(in-house expertise, external expertise, Communication TF, digital campaigns, web platforms, outreach events, publications, IT services)</p>	<p><b>a)</b> Digital Campaign for enhancing knowledge of Pollution (i.e web page; interactive story; burning issues; story map; Infographics; Twitter cards; Video; articles and interviews; "focus in" section in MED News).</p>	INFO/RAC	MED POL CU and MAP Components		crosscutting especially SDG 14 Targets	MTF
	<p><b>b)</b> Highlight progress on key pollution issues tackled by MED POL 4 News articles on progress in implementation, including on websites and in MAP Newsletter.</p>	MED POL				
	<p><b>i)</b> Support efforts towards a pollution free Mediterranean [Sea and Coast] embracing circular economy. Digital publication highlighting Circular Economy approaches incorporated into key sectors that are main sources of pollution - Global partnerships to prevent pollution: Regional and National Plastics Pacts.</p>	SCP/RAC	CU and MAP Components			MTF
	<p>Engaging general public on circular economy products and services and sustainable lifestyle, positioning the "Switchers" with specific awareness activities: i) The Switchers Community Communication and Marketing Plan 2022-2023; ii) "We are the Switchers" dissemination campaign, iii) Digital campaign on "Sustainable Fashion"iv) campaign on SCP/circular practices among consumers on marine litter.</p>	SCP/RAC	CU and MAP Components			MTF

Main activity (means of implementation)	Expected deliverable	Lead Component	Other Component(s)	Partners	SDG Targets	MTF/External Resources/Both
7.2.4 Enhance public awareness and outreach for specific targets (MAP Partners, Civil Society and students)(in-house expertise, external expertise, Communication TF)	a) MAP Partners contribution to Digital Campaigns, dissemination and social media participation promoted.	INFO/RAC	MAP Components			MTF
	b) Web APP for Citizen Science developed and implemented specifically for different targets (citizens, scientists, students).	SCP/RAC	CU and MAP Components			MTF
7.2.5. Co-create and implement education and awareness programmes also in cooperation with academic institutions, focusing on marine and coastal issues, with the aim to promote education on sustainable development.  (in-house expertise, external expertise, Communicatio TF, partnership Agreements)	c) Video Contest and Photo Contest on the key topics of the biennium.	SCP/RAC	CU and MAP Components			MTF
	a) Education and awareness programmes on biodiversity conservation co-created and implemented in collaboration with CSOs within at least 2 SPAMIs.	SPA/RAC	CU and other MAP component as relevant	CSOs, national & local authorities, private sector		Both (MTF+external funds to be identified : ENI CBC MED (ENSERES project), IMELS) 7.2.1. Both MTF + external funds to be identified : ENI CBC MED (ENSERES project), IMELS) MTF
7.2.5. Co-create and implement education and awareness programmes also in cooperation with academic institutions, focusing on	b) At least 6 MoU signed with CSOs to develop education and awareness actions within SPAMIs.	SPA/RAC	CU and other MAP component as relevant	Relevant SPAMI managers, CSOs, national & local authorities, private sector	4.7; 14.2; 14.5	Both (MTF+external funds to be identified : ENI CBC MED

Main activity (means of implementation)	Expected deliverable	Lead Component	Other Component(s)	Partners	SDG Targets	MTF/External Resources/Both
<p>marine and coastal issues, with the aim to promote education on sustainable development.</p> <p>(in-house expertise, external expertise, Communicatio TF, partnership Agreements)</p>	<p>c) Further establish/extend educational activities and promote educational programmes in cooperation with academic institutions, focusing on marine and coastal issues, with the aim to promote education on sustainable development.Partnership agreements with educational institutions established.</p>	<p>CU</p>	<p>CU and other MAP component as relevant</p>			<p>(ENSERES project), IMELS) 7.2.1. Both MTF + external funds to be identified : ENI CBC MED (ENSERES project), IMELS) MTF</p>