



UNITED
NATIONS

EP

UNEP/MED WG.473/15



UNITED NATIONS
ENVIRONMENT PROGRAMME
MEDITERRANEAN ACTION PLAN

2 May 2019
Original: English

Meeting of MED POL Focal Points

Istanbul, Turkey, 29-31 May 2019

Agenda item 9: Programme of Work 2020-2021

Programme of Work 2020-2021: Land-Based Pollution Core Theme including pollution-related aspects of the Governance Theme

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Note by the Secretariat

1. In line with the Mid-Term Strategy (MTS) of the Mediterranean Action Plan (MAP) of the United Nations Environment Programme (UN Environment) for 2016-2021 (Decision IG.22/1), and as a follow-on to the 2018-2019 Programme of Work (PoW), MED POL prepared a proposed Programme of Work for the biennium 2020-2021. The proposed activities envisage a substantive contribution of the MED POL Programme to two core themes of the Mid-Term Strategy (MTS) 2016-2021, namely, Governance and Land and Sea-Based Pollution.

2. While developing this proposal, MED POL took into consideration the fact that 2020-2021 is the last biennium of the current MTS cycle; and hence the need to achieve full delivery of the MTS for the Land-Based Pollution theme and its Governance-related aspects by 2021; the need to ensure synergies and complementarity with other major initiatives, in particular the priority areas of focus of UNEA-4 tackling environmental challenges through innovative solutions; GEO-6 (marine environment) and Ocean Strategy; the UfM Horizon 2020 Initiative; the implementation of EU MSFD, the global and regional work on marine litter, as well as projects activities currently under implementation and future proposed programmes to be financed with regards to management and disposal of POPs and Mercury; as well as the marine litter-related activities under the Bilateral Agreement with IMELS.

3. This proposal is presented in a tabular form showing the clear linkages of activities and their deliverable with the MTS outputs. The last column of the table describes the current status for ongoing activities and provides, as need be necessary, background information on the rationale behind the proposed activities.

4. To measure the progress and results of activities' implementation, a set of Indicators and corresponding Targets are proposed. Five indicators under the Land and Sea-based Pollution are proposed as follows:

| 2020-2021 Indicators | 2020-2021 Targets |
|--|---|
| 1. Number of marine pollution prevention and control regulatory instruments and policies updated or developed | Seven (7) regional regulatory instruments/policies developed/updated |
| 2. Number of new and updated guidelines and other implementation instruments streamlining SCP tools for key sectors and areas of consumption and production | Six (6) new/updated guidelines and other implementation instruments developed/updated |
| 3. Number of countries submitting reports on annual pollution loads and pollution monitoring data for agreed pollutants | 21 Contracting Parties |
| 4. (a) Number of projects identified and or prepared to eliminate pollution hot spots and respond to marine pollution (b) Quantities of obsolete chemicals and marine litter disposed in environmentally sound manner/reduced in selected areas | (a) At least 7 pilot projects on marine pollution (b) 600 tons of PCBs disposed in environmentally sound manner in selected areas; on the ground preparation for disposal in the next biennium of 1400 tons of PCBs and 30 tons of mercury in environmentally sound manner in selected areas; decreasing trend in reducing beach litter towards achieving the target of reduction of 20% by 2024 in pilot areas. |
| 5. Number of businesses, entrepreneurs, financial agents and civil society organizations capacitated to promote SCP solutions alternative to POPs and toxic chemicals, and marine litter reduction. | At least 100 trainees. |

5. With regards to the Governance overarching theme, some of the key activities include:
- a) Undertaking actions defined in 2023 MED QSR road map related to IMAP Cluster on Pollution and Marine Litter toward an integrated assessment of GES;
 - b) Contributing to strengthening Science Policy Interface in the Mediterranean with regards to IMAP implementation;
 - c) Upgrading, maintaining and integrating the IMAP (Pilot) Compatible Info System and NBB Information System to support online data submission related to pollution and marine litter monitoring; and
 - d) Updating the Mediterranean Node on Marine Litter with online webinars and online lectures on marine litter management and monitoring.
 - e) Strengthening the synergies with global and regional conventions and programmes
6. With regards to Pollution core theme, some of the key activities include:
- a) Updating the annexes of the pollution-related LBS, Hazardous Waste (Izmir) Protocol and sharing best practices on Dumping Protocol Guidelines implementation;
 - b) Updating NBB Guidelines to address diffuse sources and riverine inputs to transitional waters;
 - c) Developing/updating the Regional Plans for Municipal Wastewater Treatment, Sewage Sludge Management and Marine Litter Management;
 - d) Supporting streamlining NAP measures in the national regulatory systems;
 - e) Undertaking the midterm evaluation of updated NAPs
 - f) Strengthening PRTR implementation and ensuring efficient NBB/PRTR reporting;
 - g) Reinforcing generation and reporting of new quality assured national monitoring data to IMAP (Pilot) Compatible Info System;
 - h) Updating thematic assessment products related to pollution and marine litter cluster of IMAP from land-based and sea-based sources of pollution;
 - i) Undertaking training to support countries in the implementation of IMAP;
 - j) Designing pilot projects in several Mediterranean Countries on PCB removal, Mercury and site decontamination.

7. The full proposal of the MED POL Programme of Work is included in the present document for review and feedback by the MED POL Focal Points Meeting in view of its finalization for formal submission to the MAP Focal Points Meeting in September 2019, as contribution to the MAP Programme of Work 2020-2021.

8. The proposed PoW includes activities led by MED POL, and the activities led by other MAP components with the contribution of MED POL. The latter is shaded in light gray in the following tables in order to distinguish from activity tables directly executed by MED POL.

| THEME 1. GOVERNANCE | | | | | | |
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| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| 1.1. Contracting Parties supported in the implementation of the Barcelona Convention, its Protocols, Regional Strategies and Action Plans. | | | | | | |
| 1.1.2. Effective legal, policy, and logistic support provided to MAP decision-making process including advisory bodies meetings | | | | | | |
| 3. Organize the Meeting of the MAP Focal Points preceded by the MAP Component/Thematic Focal Points and the EcAp Coordination Group Meetings | In house expertise, working documents in 2 languages, Information documents, conference services, venue, travel arrangements for one delegate per CP and for the Secretariat / respective MAP Components. | MED POL, PAP/RAC, Plan Bleu/RAC, REMPEC, SCP/RAC, SPA/RAC, INFO/RAC | CU | MAP Components Focal Points, MAP Partners | a) Component/Thematic FP Meetings successfully convened; b) Technical aspects of the implementation of the Protocols reviewed; c) Progress on the implementation of MAP Components'-led activities of the PoW 2020-2021 reviewed; d) Technical and policy documents reviewed for further review by higher MAP bodies, including draft decisions, policy papers, assessment products etc.; e) Proposed PoW 2022-2023 activities reviewed for further submission to MAP Focal Points meeting. | Article 14 of the Dumping Protocol; Article 18 of the Prevention and Emergency Protocol; Article 14 of the LBS Protocol; Articles 24 - 26 of the SPA/BD Protocol; Articles 28, 30 of the Offshore Protocol; Article 15 of the Hazardous Wastes Protocol; Articles 30, 33 of the ICZM Protocol. Governance paper (Decision IG 17/5); Mandates of the Components of MAP (Decision IG.19/5); Governance decision (Decision IG.23/3). |
| 1.1.3. Strengthen interlinkages between Core and Cross-cutting themes and facilitate Coordination at national level across the relevant sectors. | | | | | | |
| 1. Streamline in relevant national policies the updated MAP strategies and ecosystem approach-based GES targets (MSSD, SCP AP, Regional Strategy on pollution prevention from ships, ICZM Action Plan, Offshore AP, RSFCCA). | In-house expertise, consultations and meetings | CU, MED POL, PAP/RAC, SPA/RAC, REMPEC | All MAP Components | CPs | Main findings and recommendations from the review of LBS NAPs, ICZM national Strategies, Sea-based pollution NAPs, Biodiversity NAPs, assessing the level of integration and GES mainstreaming, reviewed by Thematic/Components Focal Points Meetings and other MAP bodies. | This is an ongoing activity of the 2018-2019 biennium. The intention is to share for review by the Thematic/Components Focal Points Meetings and other MAP bodies findings and recommendations of this work aiming at strengthening synergies at national level of different policies of the CPs for the purposes of the MAP - Barcelona Convention implementation. The findings of this work will be analysed against the Common Regional Framework (CRF) for ICZM. |

| THEME 1. GOVERNANCE | | | | | | |
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| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| 1.1.4. Funding opportunities for regional and national priorities identified, donors/partners informed and engaged, through the implementation of the updated Resource Mobilization Strategy (RMS), and Contracting Parties assisted in mobilizing resources. | | | | | | |
| 2. Ensure timely and coordinated execution and progress review of MAP Projects with external funding. | In-house expertise, consultancy, project posts establishment. | CU, All MAP Components | All MAP Components | GEF, UNIDO, UN Economy Division, UNESCO IHP, EU, EIB, EBRD, IUCN, WWF Mediterranean, GWP Med. | <p>a) MedProgramme:</p> <ul style="list-style-type: none"> - Six Child Projects under MedProgramme successfully initiated and execution started; - Programme Coordinating Unit set up; - Steering Committee meetings organised; - Stakeholders meetings organised; - Project Work Plan timely implemented. <p>b) IMAP/ MedMPA:</p> <ul style="list-style-type: none"> - Execution continued successfully; - Steering Committee meetings organised; - Project Work Plan timely implemented. <p>c) GEF Adriatic:</p> <ul style="list-style-type: none"> - Execution continued successfully; - Steering Committee meetings organised; - Project Work Plan timely implemented. <p>d) SwitchMed:</p> <ul style="list-style-type: none"> - Execution continued successfully; - Steering Committee meetings organised; - Project Work Plan timely implemented. <p>e) Two new full-fledged Project Proposals prepared and submitted.</p> | <p>a) 7 million EUR (approx.) for 2020-2021 out of 18,5 million EUR for 5 years (March exchange rate used indicatively)</p> <p>b) 2 million EUR (approx.) for 2020-2021 out of total 4 million EUR</p> <p>c) 700,000 (approx.) for 2020</p> <p>d) 3,419,025 EUR (approx.) for 2020-2021 out of total 6,362,379 EUR</p> |
| 1.3. Strengthening participation, engagement, synergies and complementarities among global and regional institutions | | | | | | |

| THEME 1. GOVERNANCE | | | | | | |
|--|--|-----------------------|-----------------------------|--|--|---|
| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| 1.3.1. Regional cooperation activities promoting dialogue and active engagement of global and regional organizations and partners, including on SAP BIO, Marine Litter, SCP, ICZM, MSP and Climate Change (e.g. regional conference, donor meetings). | | | | | | |
| 2. Undertake periodic reviews of bilateral cooperation with partner organisations to enhance synergies and impact on the ground on areas of common interest. | In-house expertise, consultancies, document preparations, back-to-back or separate meetings. | CU/ MAP Components | MAP Components/ CU | IMO, LC/LP, BRSC, FAO/GFCM, ACCOBAMS, Regional Seas Conventions and Action Plans, EEA, IAEA, IPIECA, IOGP, CEFIC, FEDERCHIMI CA, MOIG, WWF-MedPo, MEDPAN, IOC-UNESCO, IHP UNESCO, GWP-Med, Benguela Current Commission | <p>a) New areas for leading role of MAP further defined (e.g. SD, SDG, IMAP, Marine Litter, ICZM, Ocean governance);</p> <p>b) Cooperation Agreements with at least two partners updated;</p> <p>c) New areas of cooperation identified and added to existing bilateral cooperation agendas (e.g. MSP, dumping of munitions);</p> <p>d) Cooperation with the oil and gas industry and the chemical industry strengthened;</p> <p>e) Synergies enhanced with sub-regional initiatives;</p> <p>f) A comprehensive plan of action developed including milestones, budgets and manpower required to implement the Offshore Protocol in the Mediterranean countries;</p> <p>g) Joint activities for the prevention of plastic pollution and toxic chemicals prepared and new agreement signed between SCP/RAC and the BRS Secretariat (following the MoU signed between Barcelona and BRS Secretariats);</p> <p>h) Joint work programme with ACCOBAMS implemented and reviewed;</p> <p>i) Collaboration with FAO/GFCM further strengthened.</p> | <p>a-c) Work is ongoing in addressing several issues in close coordination with Partner Organisations as part of Secretariat mandate. MAP components also are very active in their field of competence. It is expected to enrich this ongoing cooperation with new elements or upgraded ones (Marine Litter, MSP, Dumping, IMAP etc);</p> <p>d) Cooperation with the private sector to mobilise resource based on existing IMO/IPIECA Global Initiative projects, and explore further cooperation with CEFIC in line with MEDEXPOL 2016 and 2018 recommendations;</p> <p>e) Enhancing cooperation established with EUSAIR as well as with WestMed;</p> <p>f) definition of a sustainable and collaborative approach to implement effectively the Mediterranean Offshore Action Plan (UNEP(DEPI)/MED IG 20/8; Decision IG.20/12)</p> <p>g) Implementation of the recent MoU signed between BRS and Barcelona Secretariats, of special relevance for MED POL and SCP/RAC as Stockholm Convention Regional Center</p> |

| THEME 1. GOVERNANCE | | | | | | |
|--|---|------------------------------|------------------------------------|--|---|---|
| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| 3. Co-organize with co-Chairs the UfM H2020 Review and Monitoring and Capacity Building Sub Groups annual meetings. | In-house expertise; working meetings. | CU, MED POL | SCP/RAC, Plan Bleu, INFO/RAC | UfM, EU, EEA, IFIs including EIB, EBRD, etc. | a) The UfM H2020 Review and Monitoring and Capacity Building Sub Groups annual meetings successfully delivered; b) Strengthened cooperation with EEA, EIB and UfM in the framework of H2020; c) Work Programme of the three H2020 Components followed up in a continuous manner and their synergies with UN Environment/ MAP-MED POL activities enhanced, joint activities developed and implemented as appropriate. | The extension of this Initiative beyond 2020 is under discussion. A dedicated online group of willing member states and partner organizations has been formed to discuss and draft a preliminary proposal on a future H2030 Initiative. |
| 4. Coordinate with key partners in supporting the implementation of the Regional Plan on Marine Litter; Strengthen and expand the Regional Collaboration Platform for Marine Litter in the Mediterranean established in September 2016; Enhance collaboration with European Regional Seas on marine litter and other issues of common concern. | In-house expertise, coordination, consultancy, meetings | MED POL | CU, SCP/RAC, REMPEC, SPA/RAC | Collaboration Platform Partners, UfM H2020 Initiative, Regional Seas Programmes and Conventions, GPML, RFMOs | a) One communication campaign on prevention actions to fight against Marine Litter jointly organised by the members of the Regional Collaboration Platform for Marine Litter; b) Mediterranean Node updated as follows: - Marine litter-related webinars are made available to the Mediterranean community through the Mediterranean Node; - Reports, projects and experts rosters uploaded; c) Visibility on work undertaken on marine litter in the Mediterranean enhanced and shared at global level; d) Work undertaken at regional level, including by RFMOs further coordinated and links with global instruments strengthened (including G7 and G20 Action Plans) | In-house expertise, coordination, consultancy, meetings |

| THEME 1. GOVERNANCE | | | | | | |
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| 1.3.2. Participation in relevant existing or new international initiatives and dialogue (e.g. ABNJ, MPAs, Offshore, Sustainable Development) to highlight the Mediterranean regional specificities and increase synergies | | | | | | |
| 1. Promote BC, its Protocols and the MSSD 2016-2025 with a particular focus on pollution control and prevention, biodiversity and ICZM ; enhance collaboration with International organisation and European Regional Seas on marine litter and other issues of common interest. | Prepare side events, communication and visibility materials, in-house coordination and expertise, Meetings follow up/participation, position papers, formal submission, consultancies, coordination exchanges and meetings, implementation agreement(s) In house work | CU MED POL, REMPEC, SPA/RAC, PAP/RAC, SCP/RAC, Plan Bleu/RAC, INFO/RAC | All MAP Components | IMO, LDP, CBD, BSR Conventions, EUSAIR, EU MSFD, EU IMP, Adriatic Ionian Initiative, UNGA, EU, GEF, UNESCO, SPA/BD Thematic Focal Points, GFCM, IUCN CBD Secretariat | a) The role and visibility of the BC and UNEP/MAP promoted in international fora and new partnerships created; b) Contribution provided to UNEA, UNEP Regional Seas; c) Progress report on REMPEC activities submitted at each session of IMO/MEPC and at relevant sessions of the IMO Technical Cooperation Committee; d) Information on MAP work on the implementation of the BC and its Protocols shared with the Governing Bodies of the London Dumping Protocol, CBD, BRS Conventions, and UN BBNJ meetings; e) Participation at EU Working Group on MSP and the Joint EU Working Group on ICZM and MSP; EUSAIR, WESTMED and other relevant macro-regional strategies; f) Collaboration with OSPAR, HELCOM and Black Sea Commissions strengthened and synergies with other Regional Seas Programmes established; g) Synergies established with the IMO Action Plan to address marine plastic litter from ships (activity linked to 1.3.1.4.e); h) Position papers, preparation of communication materials in the field of (i) Ships ballast water control and (ii) Promoting of PSSAs in the Mediterranean; | a-e) Article 3 of the Barcelona Convention, Decisions IG.17/4, 20/13 and 23/3 on Governance, including the MAP Communication Strategy 2018-2013 and Decision IG. 22/1 on the UNEP MAP Mid Term Strategy 2016-2021. Within this strategic framework: (1) input has been provided to global and regional developments, in the form of contents to ongoing processes through UNEP (i.e. UN BBNJ, Agenda 2030/SDGs implementation) and presentations to regional and global meetings on a variety of governance issues, and (2) legal agreements (MOU, LoA) have been pursued with several international organizations, including GFCM, Black Sea Commission and most recent one with the BRS Conventions, and London Convention/Protocol to build synergies in implementing the Barcelona Convention and its Protocols. Follow-up to continue for the next biennium. f) Cooperation with regional agreements (Bonn Agreement, HELCOM, MERRAC, RAC/REMPEITC-Caribe, PERSGA, etc.) strengthened at IMO PPR, MEPC g) SO5,6&9- Regional Strategy for Meetings and during Inter-Secretariat Meetings; Prevention of and Response to Marine Pollution from Ships (2016-2021); h-j) Article 15 Barcelona Convention; |

| THEME 1. GOVERNANCE | | | | | | |
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| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| | | | | | i) Side event on MAP/Barcelona Convention - SPA/BD Protocol organized within CBD COP15 (Beijing, 2020); j) Workshop/side event featuring Biodiversity in the Mediterranean under MAP/Barcelona Convention organized successfully within IUCN World Conservation Congress 2020 (Marseille, 2020); k) Contribute to the CBD Post-2020 biodiversity framework with Mediterranean perspective inputs; l) Follow up the ongoing BBNJ process for harmonizing the relevant aspects of the elaboration of new SAP BIO 2021-2035 with it; m) ICZM Protocol and Common Regional Framework for ICZM (expected to be adopted by COP 21) promoted; Synergies maximised as appropriate. | Decision IG.23/3 on Governance, MAP Communication Strategy; Mandate of SPA/RAC (Decision IG.17/4 on Governance paper). The deliverable contributions will support the harmonisation of the Post 2020 SAP BIO elaboration and finalisation as well as the conclusions of the 2018-19 SAP BIO evaluation with the CBD Post 2020 biodiversity framework development. k)The activity will complement the process undertaken in 2018-19 programme for the evaluation of SAP BIO on emerging issues for future consideration regarding BBNJ. l) SPA/BD Protocol, Post 2020 SAP BIO document under elaboration. m) The ICZM Protocol being unique of the kind document in the world PAP/RAC is invited to join many fora and initiatives in order to promote this legal instrument and the innovative initiatives towards its implementation in the Mediterranean Region. |
| 1.4. Knowledge and understanding of the state of the Mediterranean Sea and coast enhanced through mandated assessments for informed policy-making. | | | | | | |

| THEME 1. GOVERNANCE | | | | | | |
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| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| 1.4.1. Periodic assessments based on DPSIR approach and published addressing inter alia status quality of marine and coastal environment, interaction between environment and development as well as scenarios and prospective development analysis in the long run. These assessments include climate change-related vulnerabilities and risks on the marine and coastal zone in their analysis, as well as knowledge gaps on marine pollution, ecosystem services, coastal degradation, cumulative impacts and impacts of consumption and production. | | | | | | |
| 1. Undertake actions defined in 2023 MED QSR road map related to IMAP Cluster on Pollution toward integrated assessment of GES. | In-house expertise, consultancy, working meetings of expert teams and MAP components | CU/ MED POL | All MAP Components, IMAP Task Force | CPs, MAP Partners, GEF | a) IMAP Guidance Factsheets on Pollution and Marine Litter are regularly updated for review in CorMon meetings on Pollution and Marine Litter; b) Methodological concept to assess the interrelation of pressures/impacts/status of marine environment, in line with the approaches provided within analysis of IMAP cross-cutting issues for Pollution Cluster is developed and proposed; c) Methodological concept to support better integration of thematic assessment products related to IMAP Common Indicators (Pollution and Marine Litter) i.e. integration between Ecological Objectives (at national, sub-regional and regional scale) is agreed and tested; d) Steering Committee for the process of Transboundary Diagnostic Analysis (TDA) 2015 preparation is established; e) Main elements for the new TDA defined. | a, b, c) In line with Decision IG.22/7 related to IMAP and 2023 MED QSR Roadmap, strengthening of monitoring and assessment tools is essential for better understanding of interlinkages between activities/ drivers, pressures and impacts, for assessing the state of marine environment as well as for identification of adequate responses and attainment of a DPSIR-based GES assessment of the 2023 MED QSR. d, e) Under the new GEF MED Programme, it is planned to start an update of the TDA. |
| 1.4.4. Interface between science and policy-making strengthened through enhanced cooperation with global and regional scientific institutions, knowledge sharing platforms, dialogues, exchange of good practices and publications. | | | | | | |

| THEME 1. GOVERNANCE | | | | | | |
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| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| 2. Contribute to strengthen Science Policy Interface in the Mediterranean with regards to IMAP implementation and for feeding the knowledge gap to promote effective measures to achieve GES. | In-house expertise, implementing partner, and consultations at MAP meetings | MED POL | All MAP Components | CPs and MAP partners | a) Participation in working groups, projects steering committees, advocacy groups, scientific panels, and involvement in academic institutions actively pursued with the aim of enhancing the role of MAP [MED POL] and for exchanging information and data needed to support/promote the activities undertaken by MAP/MED POL, and to streamline MED POL priorities as appropriate to the work of the Mediterranean scientific community | UN Environment/ MAP has always been actively involved in projects' steering committees and working groups advocating various aspects related to protection of the Mediterranean marine environment. |
| 1.5. MAP knowledge and MAP information system enhanced and accessible for policy- making, increased awareness and understanding. | | | | | | |
| 1.5.1. Info/MAP platform and platform for the implementation of IMAP fully operative and further developed, connected to MAP components' information systems and other relevant regional knowledge platforms, to facilitate access to knowledge for managers and decision-makers, as well as stakeholders and the general public. | | | | | | |
| 5. Maintain, upgrade and implement MAP Components' databases and data platforms. | In-house coordination and expertise, service contract, consultancy | INFO/RAC, MED POL | CU, SPA/RAC, PAP/RAC, | CPs | a) IMAP (pilot) Info System fully operational for all IMAP Pollution and Marine Litter Common Indicators (mid-2022) enabling the CPs to report on their respective monitoring data in 2020, 2021 (and 2022); b) IMAP (Pilot) Info System is fully interoperable with respective national information and reporting systems, as well as with relevant regional data bases; c) Data standards and data dictionaries are finalized for all IMAP Common Indicators; d) Historical MED POL monitoring database is successfully migrated to IMAP Info System; | All deliverables derive from the QSR 2023 Road Map prepared by the Secretariat for the Pollution and Marine Litter Cluster. |

| THEME 1. GOVERNANCE | | | | | | |
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| | | | | | <p>e) Quality Assurance and Quality Control schemes are in place for 10 IMAP Common Indicators included in the IMAP Pilot Info System;</p> <p>f) Data protocols for interlinkages between BCRS, NBB/PRTR Infosystem, IMAP, MarineNode, InfoMAPNode prepared and tested.</p> | |
| 1.6. Raised awareness and outreach. | | | | | | |
| 1.6.1. The UNEP/MAP communication strategy updated and implemented. | | | | | | |
| 1. Implement the operational Communication Strategy. | In-house expertise, consultancy, service contracts, travel | MED POL, Plan Bleu, INFO/RAC | CU, INFO/RAC and other Components | EEA | <p>Key findings of the Second report on the Implementation of H2020 finalised and disseminated through the following steps:</p> <p>(a) Communication material on the thematic chapters on Industrial Emissions and Waste timely delivered;</p> <p>(b) Findings incorporated in key documents and communication platforms.</p> | <p><u>2016-2017</u>: Draft of the H2020 indicators factsheets on Waste Water, Waste and ML and Industrial emissions;</p> <p><u>2018-2019</u>: H2020 indicators factsheets on Waste Water, Waste and ML and Industrial emissions finalized, draft of the H2020 Assessment report in synergy with SoED;</p> <p><u>2020-2021</u>: Publication of the H2020 Assessment report and dissemination of its findings.</p> |

| THEME 2. LAND & SEA BASED POLLUTION | | | | | | |
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| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| 2.1. Strengthening regional implementation of the obligations under the Barcelona Convention and 4 pollution -related Protocols, and of programmes of measures in existing relevant Regional Strategies and Action Plans. | | | | | | |
| 2.1.1. Targeted measures of the regional plans/strategies facilitated and implemented. | | | | | | |
| 1. Assess the implementation of the existing Regional Plans/Measures developed under Article 15 of the LBS Protocol, including socio-economic analysis. | In-house expertise, consultancies, regional meeting(s), implementing partner(s) | MED POL | SCP/RAC | CPs, UFM H2020, SEIS Project | a) Reports submitted by the Contracting Parties for the biennium 2018-2019 for existing Regional Plans' implementation reviewed; b) Final evaluation of implementation of targeted measures (with a timetable by 2021) prepared for the Regional Plans of Mercury, POPs and BOD5; c) Best practices on the implementation of the Regional Plans and other common measures shared at regional level and gaps and priorities for further technical support and capacity building identified. | The Regional Plans for Mercury, POPs and BOD include a number of legally binding measures to be completed prior to 2021. For these targeted measures, socio economic aspects of implementation will be subject to final evaluation for review by MED POL Focal Points Meeting in 2021. |
| 2. Promote the use of relevant instruments and incentives to prevent/ reduce plastic pollution including the generation of single-use plastic bags and microplastics; abandoned, lost, discarded fishing gear (ALDFG); marine litter generated from | In-house expertise, consultancies, regional meeting(s), implementing partner(s) | MED POL | SCP/RAC | UN Environment Economy Division, SWITCH MED, FAO, GFCM | a) Best practices identified and shared with the CPs at regional level; b) Technical capacities of CPs enhanced to facilitate implementation of legally binding measures of the Regional Plan on Marine Litter Management in the Mediterranean; c) Gaps and priorities for technical support and capacity building identified; | Guidelines have been prepared in the 2018-2019 biennium for various aspects for management of marine litter such as fishing for litter, adopt a beach, etc. This activity aims to build on outcomes achieved in the 2018-2019 biennium in order to further promote the reduction of generation of marine litter and solid waste. |

| THEME 2. LAND & SEA BASED POLLUTION | | | | | | |
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| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| aquaculture activities; marine litter from ships; and e-waste. | | | | | | |
| 3. Promote reduction of municipal wastewater from small agglomerations using nature-based solutions; and prevention of sewage sludge and storm water-related waste from entering into the marine environment using BAT/BEP, and in particular Waste to Energy Technologies (W-ET). | In-house expertise, regional meeting(s), implementing partner(s) | MED POL | SCP/RAC, Plan Bleu | UFM H2020, GEF | a) Best practices identified and shared with the CPs at regional level; b) Technical capacities of CPs enhanced to facilitate implementation of legally binding measures of the Regional Plan on the reduction of BOD5 from urban waste water; c) Main elements of strategies and plans elaborated. | Nature-based-solutions for treatment of wastewater; prevention of sewage sludge and storm water; minimization of riverine waste; waste-to-energy technologies are topics which were raised in Expert Groups Meetings held in 2018 for developing the new Regional Plans. |

| THEME 2. LAND & SEA BASED POLLUTION | | | | | | |
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| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| 2.2 Development or update of new/existing action plans, programmes and measures, common standards and criteria, guidelines. | | | | | | |
| 2.2.1 Guidelines, decision-support tools, common standards and criteria provided for in the Protocols and the Regional Plans, developed and/or updated for key priority substances or sectors. | | | | | | |
| 1. Update the Annexes of the pollution-related Protocols. | In-house expertise, implementing partner(s) | MED POL | SCP/RAC | BRSC, IMO | a) Annexes to the HW Protocol updated in line with ongoing efforts to update the annexes of the Basel Convention, as appropriate; b) Annexes to other pollution-related Protocols (Hazardous Wastes, Dumping) updated; | During the 2016-2017 biennium, a comparative analysis has been prepared on the need for updating the annexes of all pollution-related Protocols of the Barcelona Convention. The MED POL Focal points Meeting in 2019 will discuss the updated report and pending its review, discussions will be made whether to request a mandate for updating these annexes by COP22. |
| 2. Develop/update technical Guidelines addressing diffuse sources, placement of artificial reefs and plastic pollution. | In-house expertise, consultancy, implementing partner(s) | MED POL | Info/RAC, Plan Bleu | EU Rich regulation, Minamata Convention, EU Water Framework Directive, E PRTR | a) NBB Guidelines updated addressing: - Diffuse sources of pollution; - Aquaculture sectors and riverine inputs for transitional waters; - The gap between PRTR and NBB reporting | NBB Guidelines address land-based point sources of pollution. As diffuse sources contribute significantly to pollution, there is a need to include them in the updated guidelines. |
| | | | SPA/RAC | IMO, London Convention and London Protocol, GFCM | b) Updated report on Artificial Reefs prepared for submission to the meetings of MED POL FPs, ECAP Coordination Group, MAP FPs and COP 22 | Pending meeting discussions by the Thematic Focal Points on Biodiversity in 2019 and outcome of COP 21. |

| THEME 2. LAND & SEA BASED POLLUTION | | | | | | |
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| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| 2.2.2 Regional programmes of measures identified and negotiated for pollutants/ categories (sectors) showing increasing trends, including the revision of existing regional plans and areas of consumption and production. | | | | | | |
| 1. Develop the Regional Plan for Municipal Wastewater Treatment. | In-house expertise, consultancies, regional meeting(s) | MED POL | SCP RAC, Plan Bleu | UfM, H2020 Initiative, MAP Partners | Regional Plans developed/upgraded for submission to the meetings of MED POL FPs, ECAP Coordination Group, MAP FPs and COP 22: | Pending discussions by the Regional Meeting of Experts on the six Pollution Reduction Regional Plans in May 2019, and Recommendations of the MED POL Focal points meeting in 2019 with regards to the appropriate course of action for developing/upgrading the existing Regional Plans or development of new technical annexes. Their development will be in line with ICZM Common Regional Framework, expected to be adopted by COP 21. |
| 2. Develop the Regional Plan for Sewage Sludge Management. | | | | | a) Regional Plan on Municipal Wastewater Treatment; b) Regional Plan (new) on Sewage Sludge Management; c) Regional Plan on Marine Litter upgraded, or technical annexes prepared and incorporated within the existing Regional Plan. | |
| 3. Upgrade Marine Litter Regional Plan/or develop new technical annexes to incorporate new elements including microplastics and emerging pollutants as appropriate. | | | | | | |

| THEME 2. LAND & SEA BASED POLLUTION | | | | | | |
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| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| 2.3 Strengthening and implementation of marine pollution prevention and control legislation and policies at national level, including through enforcement and Integration into sectorial processes. | | | | | | |
| 2.3.1 Adopted NAPs (Art. 15, LBS Protocol) implemented and targeted outputs timely delivered. | | | | | | |
| 1. Support streamlining NAP measures in the national regulatory systems and their implementation. | In-house expertise, consultancies, national and regional meeting(s), implementing partner(s). | MED POL | SCP/RAC | CPs, IMPEL, UfM-H2020, BRSC | <p>a) Templates providing key aspects for national regulations prepared to promote use of BAT/BEP, and standards/GES for different contaminants/pollutants of national and/or regional priority in key industrial sectors including legislation on reporting by industries of pollution releases (PRTR) and risks from accidents;</p> <p>b) Best practices shared and information exchanged with regards to Permitting and Inspection based on the most recent MAP technical guidelines, as well as regarding the prevention and management of risks on the marine and coastal environment from industrial accidents;</p> <p>c) Report on midterm NAP evaluation submitted to the MED POL Focal Points meeting and other MAP bodies as appropriate;</p> | <p>a) Promoting use of BAT/BEP to enhance marine pollution prevention and control is key to achieving the outputs of NAPs. Existing legal frameworks should be strengthened in this regard. Sharing of experiences for permitting and inspection would enhance the awareness of Countries on the need to strengthen their national regulations. Examples captured from pilot projects currently underway for example of best practices for reporting on hazardous wastes in Albania, Bosnia & Herzegovina and Montenegro should be disseminated to other countries in the region.</p> <p>b) During the current biennium, work has been undertaken to develop PRTR guideline and PRTR regulation template.</p> <p>c) Mandate given by COP 19 Decision IG 22/11 on "Implementation of Updated National Action Plans (NAPs), Containing Measures and Timetables for their Implementation," (Athens, Greece, February 2016).</p> |

| THEME 2. LAND & SEA BASED POLLUTION | | | | | | |
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| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| 2.4 Marine Pollution Monitoring and assessment. | | | | | | |
| 2.4.1: National pollution and litter monitoring programmes updated to include the relevant pollution and litter IMAP indicators, implemented and supported by data quality assurance and control | | | | | | |
| 1. Continue supporting updated national monitoring programmes on marine litter, contaminants and eutrophication in line with IMAP, the LBS Protocol and the Regional Plan on Marine Litter. | In-house expertise, consultancies, implementing partner(s), regional meeting(s), CorMon meetings on pollution and marine litter | MED POL | CU, IMAP Task Force | IAEA, EU MSFD, National MED POL designated laboratories, relevant scientific institutions | a) Scientific and expert support provided to apply integration and aggregation rules for monitoring and reporting of national monitoring data with the view of achieving regular reporting by the CPs on the state of implementation of the national IMAPs, and for providing a minimum of 3 sets of data on IMAP Common Indicators (EO5, EO9, EO10) in 2019/2020 and 2021/2022; b) Implementation of marine pollution national monitoring programmes supported by undertaking specific joint biodiversity and pollution monitoring programmes in MPAs and in high pressure areas, including provision of related quality of data, as well as respective national reporting using the IMAP Pilot Info System. | As provided by 2023 MED QSR Road map, the achievements, lessons learned, and challenges faced during the current initial phase of IMAP implementation at national level, call for strengthened and coordinated implementation of national IMAP based monitoring programmes; improved good laboratory practices in national MED POL laboratories for monitoring contaminants/ pollutants in biota and sediment (QA/QC issues); harmonization and standardization of the monitoring protocols and assessment methods; as well as further development of the risk-based approaches, analytical testing and assessment methodologies, assessment criteria for integrated chemical and biological assessment methods. |
| 2. Consolidate data dictionaries and data standards for all IMAP Common Indicators related to Pollution and apply data quality control schemes. | In-house expertise, consultancies, implementing partner(s), regional meeting(s), CorMon meeting on pollution | MED POL | CU, IMAP Task Force | EMODnet, EU MSFD, TG DATA | a) Data dictionaries and data standards finalized content-wise for all IMAP Common Indicators, including for IMAP Common Indicators 18, 19 and 20; b) Interoperability with national data templates ensured; c) Data Quality Assurance and Quality Control schemes developed and implemented, both at the level of IMAP (Pilot) Compatible Info System and national controls of monitored and | a) IMAP Common Indicators 13, 14 and 17 are included in the IMAP Pilot Info System, while IMAP Common Indicators 18, 19 and 20 are not included. b) Deliverables related to herein presented data standards and data dictionaries are interrelated with activity 1.5.1.1. c) Data sharing policy is expected to be provided to overall guide QA/QC activities. |

| THEME 2. LAND & SEA BASED POLLUTION | | | | | | |
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| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| | | | | | reported data, in line with the Data Sharing Policy and the schemes prepared for IMAP Common Indicators 13, 14 and 17 in the IMAP Pilot Info System. All the deliverables above will be submitted for review to respective CorMon meetings on pollution and marine litter. | |
| 3. Undertake harmonized and coordinated quality assurance programmes (contaminants, marine litter and eutrophication) at regional/ sub-regional and national levels. | In-house expertise, consultancies, implementing partner(s), regional meeting(s), CorMon meetings on pollution and marine litter | MED POL | CU, IMAP Task Force | IAEA/ NAEL/ MESL, Quasimeme, Alessandria University, National MED POL Designated Laboratories, relevant Scientific Institutions. | National MED POL/ IMAP laboratories supported to apply good laboratory practices for monitoring contaminants in biota and sediment, eutrophication (nutrients and chlorophyll-a) in sea water, and marine litter monitoring, including proficiency tests (PT) and QA/QC protocols. | Ongoing core activity of MED POL as part of its mandate under IMAP Pollution and Marine Litter cluster, as well as article 12 of the Barcelona Convention, article 8 of the LBS Protocol and articles 11, 12 of the Regional Plan on Marine Litter Management in the Mediterranean. |
| 4. Harmonize and standardize the monitoring and assessment methods of pollution and marine litter in line with IMAP. | In-house expertise consultancies, implementing partner(s), regional meeting(s), CorMon meetings on pollution and marine litter | MED POL | CU, IMAP Task Force | EU MSFD WG GES, TGML, TG DATA, relevant scientific institutions | a) Protocols for applying good laboratory practices prepared; b) Monitoring Protocols (5 maximum) related to Pollution (eutrophication and contaminants) and Marine Litter developed/updated and agreed; c) Scales of monitoring and scales of assessment products agreed and updated; assessment criteria/thresholds/baseline values proposed; and reporting format adjusted to agreed scales of monitoring and scales of assessment products. All the deliverables above will be | a, b) Protocols for applying good laboratory practices should be prepared in line with the Monitoring Protocols prepared for IMAP Common Indicators related to Pollution. c) Scales of monitoring and scales of assessment products should be agreed based on approaches provided within analysis of IMAP cross-cutting issues. |

| THEME 2. LAND & SEA BASED POLLUTION | | | | | | |
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| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| | | | | | submitted for review to respective CorMon meetings on pollution and marine litter. | |
| 2.4.2: Inventories of pollutant loads (NBB, PRTR from land-based sources, and from offshore and shipping) regularly updated, reported and assessed. | | | | | | |
| 1. Ensure efficient NBB/PRTR reporting and provide support to up to 10 CPs including quality assurance control of data. | In-house expertise, consultancies | MED POL | Info/RAC | CPs, UfM H2020 | a) NBB 2018-2019 reporting cycle analyzed at national, sub-regional and regional river basin levels to contribute to NAP implementation evaluation; b) Reporting gaps assessed and needs for technical support identified. | During 2018-2019 biennium, an update of inventories of pollutant loads (NBB from land-based sources) is in progress. The NBB is updated every 5 years. |
| 2.4.3: Marine pollution assessment tools (in depth thematic assessment, maps and indicator factsheets) developed and updated for key pollutants and sectors within EcAp. | | | | | | |
| 1. Update thematic assessment products related to pollution and marine litter cluster of IMAP, including prevailing industrial sectors and priority pollutants/sectors addressed by the Regional Plans; and sea-based sources of pollution. | In-house expertise, consultancies, implementing partner(s), regional meeting(s) | MED POL | Plan Bleu, Info-RAC | EEA | a) Updated assessment factsheets prepared with new data originating from IMAP implementation; b) Updated assessment factsheets for NAP/ H2020 initiative/ LBS Protocol implementation prepared; c) Assessment of status and impacts of agriculture nutrients, contaminant, aquaculture, and state of play of urban storm water on the marine environment prepared using to the extent possible existing information; d) Assessment of implementation of Regional Plans by mainstreaming NBB/PRTR monitoring data on the regional/sub-regional levels prepared, using to the extent possible existing information; | MED 2023 QSR Roadmap. c, d, e) Pending discussions for the approval of the thematic assessment products, pollution monitoring will be undertaken through field surveys organized for biodiversity, NIS, pollution and marine litter Common Indicators, in and outside MPAs. f) Mapping of fisheries and aquaculture contribution to marine litter is pending the new GEF MedProgramme. |

| THEME 2. LAND & SEA BASED POLLUTION | | | | | | |
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| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| | | | | | <p>e) Assessment of the top single use marine litter items in the Mediterranean and their contribution on microplastic generation and leakage into the marine environment prepared, using to the extent possible existing information;</p> <p>f) Assessment and mapping of fisheries and aquaculture contribution to marine litter generation in the Mediterranean.</p> <p>All the deliverables above will be submitted to CorMon meetings on pollution and marine litter.</p> | |
| 2.5 Enhanced capacity at regional, sub- regional and national levels including technical assistance and capacity building. | | | | | | |
| 2.5.1 Training programmes and workshops in areas such as pollution monitoring, pollutant inventories, policy implementation, common technical guidelines, authorization and inspections bodies, compliance with national legislation. | | | | | | |
| 1. Support countries in the implementation of IMAP with a particular focus on scale of assessment, offshore monitoring, integration of indicators towards GES and joint monitoring. | In-house expertise, consultancies, implementing partner(s), meeting(s), training workshop(s) | MED POL | CU, IMAP Task Force | EU MSFD-WG GES, TGML | <p>a) Technical assistance provided and capacities built to support IMAP implementation (including Pollution and Marine Litter Cluster) in line with national needs, with a particular focus on aggregation and integration of monitoring data and assessment products, monitoring and assessment scales, offshore monitoring, integration of indicators towards GES, and joint monitoring;</p> <p>b) Sub-regional/regional workshops and trainings related to Pollution and Marine Litter Cluster of IMAP organized in areas of common capacity needs and knowledge gaps (minimum 2 per sub-region).</p> | Further to countries visits and based on expressed needs by countries, there is a need to develop additional training programmes and workshops related to pollution monitoring. |

| THEME 2. LAND & SEA BASED POLLUTION | | | | | | |
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| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| 2. Share best practices on Dumping Protocol Guidelines implementation at regional/ sub-regional/ national levels. | In-house expertise, consultancies, implementing partner(s), regional meeting(s) | MED POL | REMPEC, SPA/RAC | IMO, London Convention and London Protocol | <p>a) Best practices identified and shared with the CPs in regional meeting;</p> <p>b) Detailed information provided on country work on the implementation of the Dumping Protocol and its Guidelines;</p> <p>c) Synergies maximized with IMO London Protocol work;</p> <p>d) Priority for capacity building and technical assistance to CPs identified.</p> | <p>Under the Dumping Protocol, Guidelines have been adopted by the Contracting Parties on dumping of wastes/matter listed in the article 4 par.2, namely:</p> <ul style="list-style-type: none"> - Updated Guidelines on Management of Dredged Materials (COP 20 Decision IG.23/12); - Guidelines for the placement at sea of matter for purpose other than the mere disposal (construction of artificial reefs) (COP 14, Decision IG. 16/8); - Guidelines for the dumping of inert, uncontaminated geological materials (CO 14, Decision IG. 16/9); - Guidelines for the management of fish waste or organic materials resulting from the processing of fish and other marine organisms (COP 12); - Guidelines, on dumping of platforms and other man-made structures at sea (COP 13). |

| THEME 2. LAND & SEA BASED POLLUTION | | | | | | |
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| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| 2.5.2 Pilot projects implemented on marine litter, POPs, mercury, and illicit discharges reduced, including through SCP solutions for alternatives to POPs and toxic chemicals and the reduction of upstream sources of marine litter for businesses, entrepreneurs, financial institutions and civil society. | | | | | | |
| 1. Expand the pilots on FfL and Adopt a Beach and other marine litter removal/reduction and prevention (SCP) pilot projects (particularly focused on plastics and microplastics). | In-house expertise, consultancies, implementing partner(s), meeting(s) | MED POL | SPA/RAC | CPs, GFCM, Members of the Regional Cooperation Platform on Marine Litter in the Mediterranean | a) Small-scale projects to apply the provisions of the FAO guidelines regarding reduction of amounts of ALDFG and “Fishing-for-litter” guidelines are implemented in 7 Mediterranean countries; b) Marine litter reduction targets approved by COP 19 achieved at pilot project sites; c) FAO guidelines applied to reduce ALDFG; | Article 9 of the Regional Plan on Marine Litter Management in the Mediterranean. |
| 2. Launch pilot projects on PCB and new POPs reduction and prevention and site decontamination based on updated NAP hotspots/sensitive areas. | In-house expertise, consultancies, implementing partner(s), meeting(s) | CU, MED POL | SCP/RAC | CPs, GEF, BRSC, UN Environment (including Chemicals Branch), Economy Division | a) Pilot project designed and initiated; b) Disposal of approximately 600 tons of PCBs and PCB wastes from Algeria and Lebanon completed; c) Detailed inventories of PCBs stocks principally in Albania and Algeria developed; | Project submitted to GEF in 2019 and expected for execution in mid-2020. Pilot projects to be implemented as part of the new GEF MED Programme are in Albania, Algeria, Bosnia and Herzegovina, Egypt, Lebanon, Morocco, Montenegro, Tunisia and Turkey. |
| 3. Launch pilot projects on mercury reduction and prevention and site decontamination based on updated | In-house expertise, consultancies, implementing partner(s), meeting(s) | CU, MED POL | SCP/RAC | CPs, GEF, BRSC, UN Environment (including Chemicals Branch), Economy Division, | a) Preparatory work undertaken to dispose 30 tons of mercury by 2022 in an environmentally sound manner; b) Detailed inventories of mercury developed; | Project submitted to GEF in 2019 and expected for execution in mid-2020. Pilot projects to be implemented as part of the new GEF MED Programme are in Albania, Algeria, Bosnia and Herzegovina, Egypt, Lebanon, Morocco, Montenegro, Tunisia and Turkey. |

| THEME 2. LAND & SEA BASED POLLUTION | | | | | | |
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| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| NAP hotspots/ sensitive areas. | | | | Minamata Convention, WHO | | |
| 2.5.3: Marine pollution prevention and control measures and assessments integrated in ICZM Protocol implementation projects, CAMPs and related Strategic Environment Impact Assessments | | | | | | |
| 1. Contribute to new CAMPs to consider litter and pollution prevention and reduction measures (including offshore activities). | In-house expertise, consultancies, national workshop(s), meeting(s) | MED POL | PAP/RAC | | a) MED POL related actions with regards to monitoring and assessment implemented within planned CAMPs; b) Assessment findings based on IMAP integrated within transboundary CAMPs. | Delivery of integrated and aggregated assessment products is contingent on PAP/RAC implementing CAMPs in selected countries. |

| THEME 2. LAND & SEA BASED POLLUTION | | | | | | |
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| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| 2.1. Strengthening regional implementation of the obligations under the Barcelona Convention and 4 pollution -related Protocols, and of programmes of measures in existing relevant Regional Strategies and Action Plans. | | | | | | |
| 2.1.1. Targeted measures of the regional plans/strategies facilitated and implemented. | | | | | | |
| 2. Promote the use of relevant instruments and incentives to prevent/ reduce plastic pollution including the generation of single-use plastic bags and microplastics; abandoned, lost, discarded fishing gear (ALDFG); marine litter generated from aquaculture activities; marine litter from ships; and e-waste. | In-house expertise, consultancies, regional/sub regional workshop(s)/ meeting(s) | SCP/RAC | MED POL | UN Environment Economy Division, SWITCH MED, FAO, GFCM | d) Best practices shared at regional level on new emerging measures, i.e. related to plastic pollution, EPR schemes for plastic packaging, to facilitate the implementation of the Regional Plan on Marine Litter Management; e) Gaps and priorities for technical support and capacity building identified; | Follow-up activity 2.1.1.2 of the 2018/2019 PoW. Implementation article 9 ML Regional Plan. Specific theme to be decided in coordination with the countries. |
| | In-house expertise, consultancy | REMPEC | MED POL | CPs, IMO, EBRD | f) 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. | SO 5,6 &9- Regional Strategy for Prevention of and Response to Marine Pollution from Ships (2016-2021), Capitalisation of the related activities implemented within the framework of the "Marine Litter-Med" project and IMELS. Co-funding from IMO ITCP. |

| THEME 2. LAND & SEA BASED POLLUTION | | | | | | |
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| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| 4. Promote the use of relevant instruments for the identification and implementation of alternatives to POPs and mercury at the regional, and sub-regional level. | In-house expertise, consultancies, regional/sub regional workshop(s) | SCP/RAC | MED POL | GEF, UN Environment Chemicals Branch, BRSC Secretariat | a) Experiences and best practices on strategies for the prevention of new POPs shared with CPs at regional level, to facilitate the implementation of Regional Plans on POPs; b) Gaps and priorities for technical support and capacity building identified. | New activity that will be based on the experience of the countries targeted by the MedProgramme (Child project 1.11) and that will aim to share it with other contracting parties not involved in the project. Implementation of the Regional Plan on POPs (Decisions IG. 19/8, IG.19/9, IG. 20/8.3). |
| 2.3 Strengthening and implementation of marine pollution prevention and control legislation and policies at national level, including through enforcement and Integration into sectorial processes. | | | | | | |
| 2.3.1 Adopted NAPs (Art. 15, LBS Protocol) implemented and targeted outputs timely delivered. | | | | | | |
| 1. Support streamlining NAP measures in the national regulatory systems and their implementation. | In-house expertise, consultancies, national meeting(s) | SCP/RAC | MED POL | CPs | d) At least 3 countries supported for the development of further regulation for the reduction of single-use plastic production and use, including EPR schemes; | Follow-up activity 2.3.1.2 of the 2018/2019 PoW. Implementation of article 9 of the Regional Plan on Marine Litter Management. |
| | | | | CPs, GEF, UN Environment Economy Division, BRSC, WHO | e) At least 3 countries supported to draft regulation to restrict the import and use of PFOS and PFOA containing products, SCCP and SCCP containing products, HBCD containing products (Lebanon, Morocco and Tunisia). | Implementation of the Regional Plan on POPs and SCP Regional Action Plan. Funded by the MedProgramme (GEF-Child project 1.1.). |

| THEME 2. LAND & SEA BASED POLLUTION | | | | | | |
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| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| 2.3.3 SCP Regional Action Plan (pollution- related activities) mainstreamed into and implemented through NAPs and national processes, such as SCP National Action Plans and NSSDs. | | | | | | |
| 1. Support the establishment of regulatory and economic measures related to the implementation of SCP/circular economy. | In-house expertise, consultancies, national meeting(s) | SCP/RAC | MED POL, Plan Bleu | UN Environment Economy Division | Circular economy measures in key sectors of the SCP Regional Action Plan, in particular in the food and agriculture sector with a specific focus on the role of biowaste, developed in 2 countries. | Follow-up activity 2.3.3.1 of the 2018/2019 PoW Follow-up pilot of the activities with the food and agriculture sector developed during 2018/2019 Implementation of the SCP Regional Action Plan (operational objectives 1.1, 1.2 and 1.3). |
| 2.5 Enhanced capacity at regional, sub- regional and national levels including technical assistance and capacity building. | | | | | | |
| 2.5.1 Training programmes and workshops in areas such as pollution monitoring, pollutant inventories, policy implementation, common technical guidelines, authorization and inspections bodies, compliance with national legislation. | | | | | | |
| 3. Develop training programmes around key SCP and circular economy themes. | In-house expertise, consultancies, national training(s) | SCP/RAC | MED POL, Plan Bleu | UN Environment Economy Division, UNIDO | At least 5 capacity building activities developed to enhance knowledge on SCP/circular economy (including on the extension of the life span of products). | Implementation of the Regional SCP Action Plan. Specific themes to be developed in coordination with the countries. |
| 2.5.2 Pilot projects implemented on marine litter, POPs, mercury, and illicit discharges reduced, including through SCP solutions for alternatives to POPs and toxic chemicals and the reduction of upstream sources of marine litter for businesses, entrepreneurs, financial institutions and civil society. | | | | | | |
| 1. Expand the pilots on FfL and Adopt a Beach and other marine litter removal/reduction and prevention (SCP) pilot projects (particularly focused on plastics and microplastics). | In-house expertise, consultancies, implementing partner(s), meeting(s) | SCP/RAC | MED POL | CPs, UN Environment Economy Division, BeMed Club | d) 2 pilot activities developed, supporting the further development of innovative circular economy solutions to plastic pollution. | Follow-up activity 2.5.2.4 of the 2018/2019 PoW Implementation of the SCP Regional Action Plan (operational objectives 2.1 and 2.3). |

| THEME 2. LAND & SEA BASED POLLUTION | | | | | | |
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| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| 2. Launch pilot projects on PCB and new POPs reduction and prevention and site decontamination based on updated NAP hotspots/sensitive areas. | In-house expertise, consultancies, technical assistance, national meeting(s) | SCP/RAC | CU, MED POL | CPs, GEF, BRSC, UN Environment (including Chemicals Branch), Economy Division | <p>d) Sampling and analysis of fire-fighting foams, soil and groundwater for PFOS/PFOA on fire incident sites, EPS XPS pellets being used by the companies and of SCCP and MCCP imported for PVC production used by companies prepared in 3 countries (Lebanon, Morocco and Tunisia)</p> <p>e) Pilot Demonstrations, substitution of PFOS foams and of HBCD in pellet of EPS XPS by environmentally sound alternatives done in 3 countries;</p> <p>f) Capacities on "New POPs management" enhanced in 3 countries.</p> | <p>Follow-up activity 2.5.2.5 of the 2018/2019 PoW</p> <p>Implementation of the POPs Regional Plan and SCP Regional Action Plan (operational objective 2.1).</p> <p>Activity be funded by GEF (Med Programme - Child project 1.1).</p> |
| 3. Launch pilot projects on mercury reduction and prevention and site decontamination based on updated NAP hotspots/sensitive areas. | In-house expertise, consultancies, technical assistance, national meeting(s) | SCP/RAC | CU, MED POL | | <p>c) Audits-inventory in public hospitals realised in 2 countries (Tunisia and Lebanon);</p> <p>d) Capacities on mercury management enhanced in 2 countries;</p> <p>e) Substitution of mercury containing medical devices in particular thermometers by Environmentally Sound Alternatives done in 2 countries.</p> | <p>Follow-up activity 2.5.2.5 of the 2018/2019 PoW</p> <p>Implementation of the POPs Regional Plan and SCP Regional Action Plan (operational objective 2.1).</p> <p>Activity be funded by GEF (Med Programme - Child project 1.1).</p> |

| THEME 2. LAND & SEA BASED POLLUTION | | | | | | |
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| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| 2.7 Identifying and tackling new and emerging issues, as appropriate. | | | | | | |
| 2.7.1 Reviews/policy briefs developed and submitted to Contracting Parties on emerging pollutants, ocean acidification, climate change and linkages with relevant global processes. | | | | | | |
| 1. Review toxic chemicals of concern used for the plastic production. | In-house expertise, consultancies | SCP/RAC | MED POL | BRSC, IMO | 1. review brief on the toxic chemicals, used in plastics, and that are of concern for the implementation of a circular economy in the Mediterranean produced. | Implementation of Article 9 of the ML Regional Plan and SCP Regional Action Plan. New activity linked with the activities of SCP/RAC as regional center of the Stockholm Convention. |
| 3. Review solutions to fight against plastic pollution. | In-house expertise, consultancies | SCP/RAC | Plan Bleu, MED POL, CU | CSIC, zero waste network, ICLEI | 3 policy papers prepared on the innovative solutions to plastic pollution. | Follow-up of activity 2.2.1.5 of the 2018/2019 PoW. Capitalisation of the results/findings of projects/activities developed during 2018/2019. 3 possible themes. Analysis based on the results of the activities supported through the Cooperation Agreement with IMELS, on the use of bioplastics, and the consideration of single-use plastics in GPP. |

| THEME 6. SUSTAINABLE CONSUMPTION AND PRODUCTION | | | | | | |
|--|---|------------------------------|------------------------------------|--|--|--|
| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| 6.1. Development of new action plans, programmes of measures, common standards and criteria, guidelines and implementation of current ones. | | | | | | |
| 6.1.1. Selected actions of the SCP Action Plan directly contributing to prevent, reduce and eliminate marine pollution and protect/enhance biodiversity and ecosystems as well as address climate change in the marine and coastal areas of the Mediterranean identified and implemented. | | | | | | |
| 1. Support development of National SCP/ Circular Economy Action Plans. | In-house expertise, consultancies, national/ regional meeting(s) | SCP/RAC | CU, MED POL | CPs | a) At least 2 countries supported for the development of SCP / Circular Economy plans identifying priority value chains and proposing actions for capacity building, policy instruments and partnerships; b) At least 2 countries supported in the development of actions to foster sustainable consumption, eco-labelling and/or sustainable public procurement. | Implementation of SDG 12. Implementation of action 47 of the SCP action Plan, applicable to all priority areas. Decision IG.22/5 on the Regional Action Plan on SCP (COP 19). |
| 6.4. Enhanced cooperation at regional, sub- regional and national levels to prevent and control marine pollution. | | | | | | |
| 6.4.1. Establishment of networks and initiatives of businesses, entrepreneurs, civil society, providing SCP solutions promoted. | | | | | | |
| 2. Scale up SCP solutions in the Mediterranean. | In-house expertise, consultancies, sub-regional and national meeting(s) | SCP/RAC | CU, MED POL | UNIDO, UN Environment Economy Division, UNCTAD, Lebanon Berytech Foundation, Palestine Leaders Organisation, Tunisia Connect, Egypt Alexandria Business Association, Italy | a) Visibility to sustainable products and services in partnership with online retailer platforms increased; | Implementation of SDG 8, 9, 12 and 14. Implementation of the operational objective 2.3 of SCP Action Plan and the Strategic directions 5.1, 5.2, 5.3, 5.4 and 5.5 of the MSSD. Decision IG.22/5 on the Regional Action Plan on SCP (COP19) and Decision IG.22/2 on the MSSD 2016-2025 (COP19). Activity funded by SwitchMed II and ENI CBC Med Programme. |

| THEME 6. SUSTAINABLE CONSUMPTION AND PRODUCTION | | | | | | |
|---|---|-----------------------|-----------------------------|---|---|---|
| Main Activities | Means of implementation | Lead: CU or Component | Other: CU and/or Components | Partners | Expected Deliverables | Remarks (link with the current PoW, legal basis for activity/deliverable) |
| | | | | Fondazione di Comunità di Messina | <p>b) Group coaching for access to markets, B2B business services and a value-chain integration pilot developed together with the partner organisation UNCTAD;</p> <p>c) one online open innovation and matchmaking platform allowing creation of market pull by partner producer and retailer companies developed.</p> | <p>Implementation of SDG 8, 9, 12 and 14. Implementation of the operational objective 2.3 of SCP Action Plan and the Strategic directions 5.1, 5.2, 5.3, 5.4 and 5.5 of the MSSD. Decision IG.22/5 on the Regional Action Plan on SCP (COP19) and decision Decision IG.22/2 on the MSSD 2016-2025 (COP19). Activity funded by SwitchMed II and ENI CBC Med and in-kind support from UNCTAD.</p> <p>Implementation of SDG 8, 9, 12 and 14. Implementation of the operational objective 2.3 of the SCP Action Plan and the Strategic directions 5.1, 5.2, 5.3, 5.4 and 5.5 of the MSSD. Decision IG.22/5 on the Regional Action Plan on SCP (COP19) and Decision IG.22/2 on the MSSD 2016-2025 (COP19). Activity funded by SwitchMed II (EU-DG NEAR).</p> |
| 3. Establish supporting structures for green and circular businesses. | In-house expertise, consultancies, sub-regional and national meeting(s) | SCP/RAC | CU, MED POL | CPs, private businesses, Lebanon Berytech Foundation, Palestine Leaders Organisation, Tunisia Connect, Egypt Alexandria Business Association, Italy Fondazione di Comunità di Messina | <p>a) 1 Green and Circular Economy label/standard scheme for green and circular businesses/entrepreneurs developed;</p> <p>b) 1 policy paper 'recommendations for improving green and circular markets and supporting eco-innovative ventures prepared.</p> | <p>Implementation of SDG 8, 9, 12 and 14. Implementation of the operational objective 2.2 and 2.3 of the SCP Action Plan and the Strategic directions 5.1, 5.2, 5.3, 5.4 and 5.5 of the MSSD. Decision IG.22/5 on the Regional Action Plan on SCP (COP19) and Decision IG.22/2 on the MSSD 2016-2025 (COP19). Activity funded by ENI CBC Med Programme.</p> |