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Preamble

The document summarizes the activities that MED POL is proposing to implement during the biennium 2014-2015 in the framework of MAP Programme of work regarding three themes: Governance, Pollution Control and Prevention and Climate Change. For each output there is an explanatory text providing information on the rationale for the proposed major activities and their expectations.

It is important to note that the proposed MED POL programme of work:

1. is fully aligned with the MAP programme of work and focuses on the implementation on priority basis of the LBS Protocol and the relevant Regional Plans , the Dumping and HW Protocols
2. takes into account the decision of *the 27th Session of the UNEP Governing Council held from 18 to 22 February 2013 in Nairobi, Kenya*
 - *calling on parties to use regional seas conventions and action plans as platforms for implementation of Multilateral Environmental Agreements (MEAs).*
 - *suggesting progress on the six Regional Seas Strategic Directions (2013 –2016) including the implementation of the Protocols addressing land-based pollution and the core partnership areas of wastewater management, marine litter and nutrients in the GPA; and capacity strengthened to improve global knowledge and trends on the status of the marine environment;.*
3. takes into account other international highlights such as:
 - a) *the agreement to open for signature the global legally binding global convention on Mercury);*
 - b) *Rio+20 and the reports of the Secretary-General of the United Nations to the GA on Oceans and the law of the Sea (2012 and 2011) which identify plastics and nutrient over-enrichment as emerging issues deserving global attention.*

Theme I: Governance

Output 1.1 Strengthening institutional coherence, efficiency and accountability

The major proposed activities under this output are:

Meeting of MED POL Focal Points in 2015 to review the progress and endorse the work programme for 2016-2017.

In addition, in view of the specific nature of the monitoring activities of MED POL, there is the need to regularly review together with countries' experts and Focal Points the scientific and technical as well as the institutional and participatory aspects of such activities. Considering that in the framework of ecosystem approach implementation, it was agreed to establish an integrated monitoring working group with experts covering its different aspects, the Secretariat, is proposing that the existing MED POL monitoring expert group takes up the tasks related to the pollution component of the integrated monitoring programme with the view to ensure full acknowledgment of the work already done. Therefore every effort will be made to hold back-to-back meetings or meetings with joint sessions to enhance efficiency and make savings.

Regional governance and cooperation with regional and global partners enhanced with regard to protection of the Mediterranean Sea and its coastal region from pollution from land based sources and activities. The key strategic and programmatic MED POL partners are described in the programme of work per each output: MAP components (CP/RAC, INFO RAC, SPA/RAC and Blue Plan; UNEP/Regional Seas GPA (focus on marine litter and nutrients), Secretariats of London Dumping Protocol, Basel and Stockholm Conventions, UNIDO (industrial pollution), UfM, EIB, (focus on NAP/SAP projects implementation, H2020 MEP; MSFD working groups on Pollution and Litter cluster (GES, Targets, Programmes and measures), EC/MSFD work on Integrated Monitoring cluster, JRC, Networks of Mediterranean scientific community, CIESME, and several EU funded research projects addressing pollution of marine and coastal area and MSFD implementation in the Mediterranean as well as Non-governmental organizations focusing on pollution issues with a special focus on marine litter.

Output 1.2 Implementation gaps filled: Contracting Parties supported in meeting the objectives of the Barcelona Convention, Protocols and adopted strategies

During the next biennium the priorities will focus on policy formulation/update at regional and national levels including the further development of a number of policy and regulatory tools to facilitate the implementation of the LBS along with related Legally Binding Measures and Timeframes (Regional Plans), Dumping and Hazardous Waste Protocols, with the view to ensure where appropriate full coherence with the ecosystem approach.

Updated regional policies on pollution control and assessment

The mandate for the implementation of MED POL Phase IV is ending in 2013. The five year programme of work of MAP adopted in November 2009 by COP 17, will end in 2014. In order to fill the gap and cover the next biennium it is proposed to extend the MED POL phase IV mandate until end of 2015.

Document UNEP(DEPI)/MED WG.397/5 "Implementing pollution reduction policies and measures in coherence with ecosystem approach, contains a number of recommendations regarding the MED POL scope of work in the years to come. Pending discussions and decisions on this matter by the MED POL focal points at the present meeting, the following policy issues are proposed to be addressed during the next biennium:

a) Follow up of determination of ECAP GES and targets regarding pollution and litter cluster with the view to agree on quantitative values for agreed trends or agree on quantifiable limit values.

b) Finalization in close collaboration with RAC/SPA and REMPEC of the ECAP integrated monitoring programme covering all the environmental compartments (pollution, biodiversity, etc.)

c) Facilitating the implementation of Programme of Measures and timeframes (Regional Plans) in the framework of Article 15 of the LBS Protocol

- Preparation by CP/RAC and MED POL of "Implementation roadmaps" and "assistance programmes" for the regional plans to ensure that ongoing projects and programmes such as MedPartnership, Switch Med, H2020 MEP, MEHSIP, relevant UfM and UNIDO projects contribute as much as possible to their implementation.
- CP RAC in collaboration with MED POL will lead a policy analysis of SAP MED and Regional Plans with the view to propose ways and means to a better SCP dimension integration and if need be to suggest any amendments as appropriate.

d) Other policy issues

EU SWIM Project, MEDPOL and Blue Plan to prepare a policy paper on desalination in the Mediterranean.

e) Updated LBS National Action Plans (NAPs)

COP 15 in Almeria, Spain, 2008, was the first Contracting Parties Meeting signaling the need to update the NAPs adopted by the parties in 2003-2005. This need has become obvious based on the findings and recommendations of the evaluation of their implementation with the view to fully take into account the full implementation of the SAP MED targets, the commitment under the regional Plans and ECAP targets. The update of the NAPs will be facilitated by the results of the work carried out under NAP/SAP evaluation in 2012-2103 in

cooperation with the countries, UfM and EIB. Such results should be used as appropriate by the respective countries in updating their NAPs in particular their investment to reflect component and policy/regulatory development/update needs.

f) Strengthening of inspectorate systems

The regular meeting of the network on compliance and enforcement will be held in 2014. The Meeting will focus on the use of the compliance and enforcement indicators for reporting by the countries, suggesting specific activities for the implementation of the indicators, and extend the experience gathered in the framework of the LBS protocol to other protocols of the Barcelona Convention. Regional Training on the use of up-to-date compliance control tools, such as the correlation between the ELV and EQO will be also jointly co-organised. Some national activities on inspectorates are planned to be carried out in 2014 in the framework of MedPartnership project.

g) Implementing the Dumping and Hazardous Waste Protocols

The 1995 amendments to the Dumping protocol are not yet in force. It requires an additional ratification for the amendments to come into force. In the event of its coming into force the Secretariat is proposing to:

- prepare in cooperation with the London Dumping Protocol national Implementation guidelines and subject to the availability of external funding to organize a joint workshop for training purposes:
- harmonize technical reporting as appropriate:
- update and publish on line the Mediterranean guidelines on dredged and inert geological materials with the view to also make them more user friendly (to also consider marine litter issues where appropriate):
- follow-up the issue of the finalization of the risk assessment of CO₂ sequestration in geological substructure of the sea.

Within the availability of funds, the Secretariat will assist countries in the implementation of the Hazardous Waste Protocol in cooperation with CP/RAC and the Basel and Stockholm Conventions taking into account the SAICM. At policy level, a closer follow up of issues dealt with by those conventions would allow a better alignment of MED POL work and joint activities at regional, sub-regional and country levels as appropriate.

Output 1.3 Knowledge and information effectively managed and communicated

1. MED POL databases (on sources of pollution and on pollution levels) are regularly fed and updated with new data submitted by the countries. With the assistance of INFO/RAC, the two databases were integrated into MED POL Information System that is part of the MAP Info System. The MED POL Info System is also being completed with a GIS. In 2013 the Info System regarding pollution levels became functional, and the work has started to also have the info system for pollution sources fully operational in 2014. Future activities envisage:
 - *Maintaining and continuous updating MED POL Databases (monitoring and NBB, LBS, Dumping and HW protocol) technical data-bases (make it more user friendly, add new functions and assessment tools at regional, sub regional, national and local scale, per sector, substance, ecological objective, ECAP indicators and reporting obligations as appropriate)*
 - *Further validating and testing both components of the MED POL info-system as need be*
 - *Extending the information system to support the integrated monitoring programme of MAP and all ECAP indicators for which GES and targets were developed and agreed upon;*
 - *Ensuring NBB/E-PRTR interconnection to avoid overlapping and maximize results*
 - *Contributing to update the MAP website with regard to pollution reduction policy and other related issues*
 - *Developing and implementing two types of software for public use by all stakeholders with regard to nutrient inputs from rivers and correlating ELV with EQO(GES and targets) (follow up of MedPartnership activities)*
2. A number of publications will start and/or be delivered during the next biennium mainly with support of external funding. The work will be done in line with and as part of the information and communication strategy of MAP and the MedPartnership project.
 - *Publication of NAP/SAP implementation report 2003-2013*
 - *Joint report EEA/UNEP-MED POL on the status of implementation of H2020 on de-polluting the Mediterranean*
 - *Publication of the report: PRTR in the Mediterranean Experiences and Challenges*
3. Public awareness publication with regard to marine litter in close cooperation with Marlisco project

Theme IV: Pollution prevention and control

Output 4.1 Early warning of pollution (spills, dangerous/hazardous substances)

Assessment and monitoring

The following pollution assessment will start and if possible finalized during 2014-2015

1. Follow up of National pollutant budget 2013 with updated data, trend analysis
2. Assessment of H2020 progress indicators
3. Update of MED POL pollution indicator fact sheets (with priority on the pollution related ECAP agreed indicators)
4. Elaboration of monitoring system in place to track NAP implementation through indicators
5. Follow up of the assessment of temporal trends of nutrients and contaminants in the marine environment
6. Follow up of work to determine as appropriate Environmental Assessment Criteria values (EAC)/baselines
7. Assessment of lost and abandoned fishing gear in the Mediterranean
8. Assessment of mega desalination plants environmental impact on marine environment in the Mediterranean

According to the provisions of the LBS Protocol, Parties are expected to organize and implement marine pollution monitoring and report the results to the Secretariat. The regular implementation of chemical monitoring is essential for the assessment of pollution status and trends and will continue to be supported by the Secretariat through the provision of small equipment, material, expert assistance and training.

The pollution monitoring is even strengthened with the application of the ecosystem approach. The GES and targets for EO on eutrophication will make the monitoring of a set of nutrient parameters mandatory.

In this connection, utmost importance will be given to strengthen the quality control of data. The upload on-line of monitoring data aims at strengthening the Data Quality Assurance Programme covering chemical parameters, eutrophication and biological monitoring. The three monitoring programmes will be considered mandatory for all participating laboratories. In this context, the current agreements with IAEA (chemical monitoring), the University of Alessandria (biological monitoring) and QUASIMEME (eutrophication) will be revised, optimized and made more directly service/output-related.

Implementing ecosystem approach at national level

As part of the implementation of the road map for the application of the ecosystem approach by MAP, a number of activities will be carried out by MED POL. In parallel to the preparation of a new integrated monitoring programme, steps will be made to prepare the future implementation of the new programme on the ground.

To this end, during the 2014-2015 biennium MED POL, in close cooperation with all the concerned RACs, will prepare an assessment of national needs for the implementation of the new programme and will design a capacity building programme to be implemented in the future.

- *Work will continue with regards to ECAP targets for GES for pollution and litter cluster with the view to suggest some EAC for a number of contaminants.*

- *The work for the preparation and launch of the activities related to the future monitoring programme at national level including most of its funding, will be carried out in the framework of the EC/MAP partnership for the application of the ecosystem approach, and foresees the contracting of national experts and the convening of a number of meetings with Focal Points to discuss and agree on each step.*

Output 4.2 Lower levels of pollution in the Mediterranean marine and coastal environment

During the next biennium with support from the MedPartnership, several switch demonstration projects will start or continue:

1. With the financial support of the MedPartnership, four demonstration projects on the management of lube oils, phosphogypsum, tanneries and lead batteries to be launched respectively in Algeria, Tunisia, Turkey and possibly in Syria in 2014, which are expected to be complete by the end of the year in phases IV. During 2014 MED POL will help these countries make the results of the phases 1, 2, and 3 operational through provision of technical and legal assistance and organization of national workshops and sub-regional workshops.
2. The project for the environmentally sound disposal of PCBs to be implemented in four countries (Albania, Bosnia and Herzegovina, Egypt and Turkey,) is entering into a crucial phase. After the work is carried out (including an inventory), the assessment of the state of the art of PCB management in each country and the preparation of a concrete disposal plan, will complete the disposal operations by 2014.
3. With support from EU Switch demonstration project, and H2020 MEP, CP/RAC in cooperation with MED POL will support the implementation of the SCP tools, BAT and BEP, and UNIDO will apply TEST in several SME to enhance environmental and economic performance. Regional Plans will be given high priority.
4. Negotiations are ongoing with GPA to support the implementation of 2 pilots with regard to marine litter.
5. Several countries had shown interest in expanding the coverage of the PRTR project. With the end of ICS-UNIDO collaboration and support, MED POL has strengthened cooperation with EEA and the work to establish PRTR in 5 Mediterranean countries in the framework of ENPI SEIS South project. This project is expected to continue in the next biennium and will hopefully be scaled up. MED POL would be ready to prepare PRTR in other countries, including some of the Balkan countries if external resources will become available
6. A number of Guidelines are expected to be updated in the framework of the MedPartnership and Switch project such as
 - Guidelines and best practices on lube oil management;
 - Guidelines on lead batteries management;
 - Best practices on phosphogypsum sludge management;
 - Updated guidelines on industrial pollution from food sector using SCP tools.

There is a need to prioritize the preparation/update of a number of guidelines provided for in the draft regional plan on marine litter.

7. As part of the implementation of the ECAP timetable, it is proposed to undertake 3 pilot sites and review the existing measures already applied, and identify any new or updated measures to achieve GES. The pilot areas (problematic ones) will be defined and proposed by the countries.

Theme VI: Climate changes

Output 6.3 Assess and provide information to reduce adverse environmental impacts of mitigation and adaptation strategies and technologies (e.g. wind farms, ocean energy, carbon capture and storage)

During the next biennium due to financial limitations, the proposal is to support the activities of SWIM project (the regional and national activities) making sure that environmental sector is fully involved in project activities.

In addition, with regards to national training courses on Wastewater Treatment Plants operation, management and reuse of the treated effluents, efforts will be made to synergise with EU SWIM project to ensure that capacity building activities use the MEDPOL compliance indicators for the operation and maintenance of wastewater treatment plants. They should be integrated in the programme, with the objective to safeguard the reuse of the treated effluents.

With regard to desalination, work will focus in cooperation with EU SWIM project to update the desalination guidelines adopted in 2003 by MED POL Focal points.

Theme I: Governance					
Output 1.1 Strengthening Institutional Coherence, efficiency and accountability					
<p>5 year Strategic Programme of work Indicators and targets:</p> <ul style="list-style-type: none"> - Satisfaction rate of decision making bodies and partners (quality, timeliness and relevance of MAP's secretariat and components work) surveyed - Planning systems and internal performance evaluation system established - Resources mobilized to implement the five year plan - Number of decisions and policies prepared in consultation with partners - % increase of civil society organizations and private sector partnering with MAP 				<p>Targets 2014-2015</p> <ul style="list-style-type: none"> -Satisfaction rate of MED POL meetings: over 70% -2 regional plan/regional policy prepared in consultation with partners -3 additional marine litter organizations/associations/NGO and local authorities and on board to support Regional Plan implementation - increase in the mobilised external sources to implement the PW on pollution assessment and control 	
No	Main Activities	Expected results	Means of implementation	Lead/engaged component and other partners	Links to other actions related activities
1.1.1	Integrated and more coherent decision making process within UNEP/MAO	<p>MED POL Focal Point meeting succesfully held together with the regional meeting on monitoring;</p> <p>CP/RAC Focal Point Meeting succesfully held</p>	<p>Meeting oragnisation, travel for participants,conference services, document preparation and</p>	<p>MED POL, Respective MAP components with inputs from the Coordination Unit</p>	<p>Other MAP meetings, UfM/H2020 SC and sub groups meetings</p>

No	Main Activities	Expected results	Means of implementation	Lead/engaged component and other partners	Links to other actions related activities
1.1.2	Results oriented partnerships established with international and civil society organisations MAP partners	Ensure close cooperation MED POL/UfM and H2020 with regard to NAP and Regional Plans implementation, - MoU with Basel and Stockholm Conventions signed in 2005 revived through a joint workplan to ensure the necessary synergies with regard to HW Protocol and the Regional Plans under the LBS Protocol implementation with particular focus on A) combating illegal traffic of HW, and B) implementation in the Mediterranean of the guidelines on environmental sound management of waste including containing POPs.C) cooperation with Dumping London Protocol strengthend, D) Links with the mercury convention Secretariat established	Participation at meetings, video conference, joint working plans and policy papers preparation as appropriate	MED POL and CP/RAC	H2020, MSFD sub groups, London, HW, Stockholm, Mercury Conventions, Relevant Projects

Theme I: Governance

Output 1.2 :
Implementation gap filled: Contracting Parties supported in meeting the objectives of BC, protocols and adopted strategies

<p>5 Year Strategic Programme of work indicators and targets:</p> <ul style="list-style-type: none"> - No of regional policies guidelines and plans adopted, implemented and funded - A regional strategy on marine litter adopted by 2011 - Regional strategy on ships ballast water management adopted by 2011 - Number of environmental inspectors per number of facilities - Database and guidelines on illegal hazardous waste movements prepared by 2012 - MSSD indicators populated and reported against - Performance and accessibility of the on-line reporting system (reports on-line and accessible on time) 	<p>MEDPOL Target 2014-2015</p> <ul style="list-style-type: none"> - 2 Regional policy formulated/updated - 21 NAPs to combat pollution from land-based sources updated - At least 8 national monitoring programme updated to include ECAP pollution and litter indicators - 2 technical guidelines updated - 1995 amendments to Dumping Protocol entered into force
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No	Main Activities	Expected results	Means of implementation	Lead/engaged component and other partners	Links to other actions related activities
1.2.1	Regional Policies	Integrated monitoring programme based on ECAP GES and targets drafted in a coordinated manner with MAP and relevant organisations along with development of key monitoring protocols	2 Regional workshops Consultants, internal consultation meetings with regional experts and RACs	MED POL, in consultation with the Coordinating Unit, RAC/SPA and the other RACs	UNEP/MAP EA Roadmap, EU MSFD, GFCM, JRC, RSConventions
		Updated pollution control/reduction policy and targets based on ECAP GES and Targets as well as the LBS Protocol Regional Plans; Regional Plans Implementation Roadmap	In house and external Expertise, consultations with CPs through electronic means and or meetings	MEDPOL and CP/RAC	UNEP/MAP ECAP, RSConventions, GPA, EU WFD and MSFD, Global Conventions
		Updated NAPs to combat pollution from land based sources based on ECAP GES and targets as well as the requirements and obligations of the 7 legally binding Regional Plans adopted by COP 16, 17 and 18 and take into account the results of their implementation 2003-2013	National experts, consultations with CPs, national workshops	MEDPOL in consultation with other RACs	UNEP/MAP ECAP, MedPartnership, RSConventions, GPA, EU WFD and MSFD, Global Conventions, UFM, H2020,
		Policy paper on desalination in the Mediterranean and on their impact on marine environment to MEDPOL FP consideration	Expertise, participation at meetings	SWIM Project, MED POL in cooperation with Blue Plan	SWIM Project
		Prepare/Update guidelines on marine litter as per RP provisions	Regional Experts, Workshops	MEDPOL and CP/RAC, SWITCH Project, ECAP Project	GPA Marine Litter Partnership, Manila Declaration, Honolulu Commitment, FFE/Blue Flag Programme, ECAP, EU MSFD
1.2.2	Assistance to countries to implement policies/guidelines	Assistance to develop national legislation/regulatory policy to implement the regional plans on mercury, the regional plan on marine litter, the regional plans and BOD from WWTP and the food sector	Technical and legal assistance provided to 3 countries in relation to the adopted measures; In house and national expertise	MED POL	LBS Protocol, NAPs, Regional Plans, EU IPCC Directive

No	Main Activities	Expected results	Means of implementation	Lead/engaged component and other partners	Links to other actions related activities
1.2.2	Assistance to countries to implement policies/guidelines	Assistance to implement the a) guidelines and best practices on lube oil management; b) guidelines on lead batteries management; c) Best practices on phosphogypsum sludge management; d) guidelines on chromium recovery/recycling from tannery sector	Technical and legal assistance provided to 3 countries through regional or national consultancy	MED POL and CP/RAC	LBS Protocol, HW Protocol, NAPs, Regional Plans, Basel Convention, Stockholm Convention, MED Partnership
		Assistance to assess the country needs to implement the integrated monitoring programme based on Article 12 of the LBS Protocol and ECAP timeframe	Technical and legal assistance provided to 3 countries, regional and or national expertise	MED POL in cooperation with RAC SPA and REMPEC	LBS Protocol, ECAP timeframe, ECAP Project
		Assistance to countries for the implementation of the guidelines adopted in the framework of the Dumping Protocol	Expert advice provided to countries, Consultants, Joint regional workshop with London Dumping Protocol	MED POL	Stockholm Convention, Basel Convention, London Convention and Protocol
		Assistance to countries to enhance environmental inspection systems to use up to date pollution control tools and softwares	Regional Workshop to train inspectors and national officers	MED POL	LBS Protocol, NAPs, Regional Plans, EU IPCC, MED Partnership
		Training and fellowships	Scientists participation at related scientific conferences facilitated, Travel grants for 5 scientists	MED POL	LBS Protocol, NAPs, Regional Plans, EU IPCC
1.2.3	Effective implementation and reporting	LBS, Dumping and HW protocols Reporting facilitated and streamlined through indicators, where appropriate, including the reporting requirements under the regional plans, NAP implementation and their effectiveness based on indicators	In house expertise, Regional Expertise	MED POL	LBS, HW, Dumping Protocols, Basel, Dumping London Protocol, Stockholm Conventions, EU related Directives where appropriate
		NAP implementation country profiles regularly updated	In house expertise, Regional Expertise	MED POL and the CP	
		Dumping Protocol implementation guidance on line in 3 languages	Regional expertise, in house expertise	MEDPOL in consultation with CU	
		Updated regional assessment regarding the technical aspects of the implementation of the LBS, HW and Dumping Protocols for 2009-2012	In house expertise, Regional Expertise	MED POL	
		CB regional Sub regional workshop to combat illegal trafficking of HW in the Mediterranean including PCB	Regional expertise, Training workshop	MED POL, CU	Basel Convention, Stockholm Convention, MED Partnership project

Theme I: Governance

Output 1.3

Knowledge and information effectively managed and communicated

Indicators and targets:

- Information and communications strategy developed and adopted and implemented
- State of the environment report published biannually and State of the environment and development report published every 4 years
- Marine and coastal data made accessible to contracting parties
- No of policies, reports and publications submitted to stakeholders and public at large and at least 1 symposium per year
- Functioning InfoMap system

Targets 2014-2015

- MEDPOL Infosystem fully operational with regard to the data base on the state of marine environment as well as the data base on the inventory of pollutants to marine environment by 2014
- Medpol Info system upgraded with on line data analysis and assessment functions by 2014
- MEDPOL info system extended to the other ECAP indicators
- 4 publications in the field of pollution and control by 2015

No	Main Activities	Expected results	Means of implementation	Lead/engaged component and other partners	Links to other actions related activities
1.3.1	Improving MEDPOL component of INFO MAP system	Support countries to implement 2 software for public use by all stakeholders with regard to nutrient inputs from rivers and correlating ELV with EQO(GES and targets)	Regional workshop	MEDPOL, Medpartnership	SEIS, EEA, Global conventions information systems
		MED POL infosystem exptended to include ECAP EO 5,9,10 indicators	Regional Expertise	INFO/RAC and MEDPOL	
		Upgraded MEDPOL infosystem with new assessment functions concerning monitoring, NBB and PRTR data;	Regional expertise, National expertise	INFO/RAC and MEDPOL	
		Updated MED POL Data bases (monitoring and NBB, LBS, Dumping and HW protocol technical databasis)	Regional Expertise	MED POL in consultation with INFO/RAC	

No	Main Activities	Expected results	Means of implementation	Lead/engaged component and other partners	Links to other actions related activities
1.3.2	Knowledge sharing and exchange	10 years LBS Protocol's NAP Implementation 2003-2013	In house expertise and consultancy; Cost of design, translation and publication, workshops	MEDPOL with the Contracting Parties	UNEP/ GPA, Global Conventions
		Joint report with EEA on the status of implementation of H2020 on de-polluting the Mediterranean	<i>In house expertise and consultancy;</i>	<i>EEA and MED POL</i>	H2020, UfM
		PRTR implementation in the Mediterranean	In house expertise and consultancy; Cost of design, translation and publication	<i>MED POL with contracting parties</i>	<i>EEA, H2020, UfM</i>
		Pollution Reduction in the Mediterranean: Meeting the SAP MED targets (trends of pollution from land based sources in the Mediterranean during 2003-2013)	In house expertise and consultancy; Cost of design, translation and publication,	MEDPOL with the Contracting Parties	MedPartnership Project, H2020
		Leaflets and Posters concerning measures taken to combat pollution from land based sources, including marine litter	Agreement with MAP partners	NGOs in cooperation with MEDPOL	EU Marisco Project, ECAP Project, Switch, Medpartnership
1.3.3	One voice campaign for UNEP/MAP	MAP website regularly updated	In house expertise	MEDPOL, CU	MAP and Medpartnership communication Strategy

Theme IV: Pollution Prevention and Control

Output 4.1

Early warning of pollution (spills, dangerous/hazardous substances)

Indicators and targets:

- No of national contingency plans adopted/no of Contracting Parties
- Maps on pollution sensitive areas and hotspots updated and published every two years
- Reports on emerging pollutants requiring special attention produced as required
- Trends of pollution levels reported every two years
- Updated national monitoring programmes prepared and implemented in all contracting partners by 2014
- Riverine inputs of nutrients assessed and report published by 2013

Targets 2014-2015

- Maps on pollution sensitive areas and hotspots updated and published in 2015
- Trends of pollution levels and inputs reported in 2015
- Updated national monitoring programmes prepared and

No	Main Activities	Expected results	Means of implementation	Lead/engaged component and other partners	Links to other actions related activities
4.1.1	Undertaking pollution related assessments and support to countries in implementing monitoring programme	Updated list of priority substances previously agreed by MEDPOL FP in 2009 including any emerging substance	Consultant, Regional meeting	MED POL	UNEP/GPA, EU WFD, EU MSFD, Medpartnership Project, H2020
		National monitoring programme on pollution and marine litter formulated and implemented, Monitoring Data reported on line	Provision of equipment and material, expert assistance, training, regional monitoring meeting	MED POL	EU WFD, EU MSD
		Data Quality Assurance to ensure Good monitoring data and quality in the MED POL data base	Intercalibration exercises, expert assistance, training courses		IAEA/ QUASIMEME /DISAV

No	Main Activities	Expected results	Means of implementation	Lead/engaged component and other partners	Links to other actions related activities
4.1.1	Undertaking pollution related assessments and support to countries in implementing monitoring programme	Data quality assurance for bathing water analyses	Intercalibration exercise, Consultant	MED POL	WHO
		Monitoring protocols for marine litter and biomonitoring validated	Intercalibration exercise, regional expertise, training workshops		JRC, EU MSFD Sub group on marine litter, Perseus Project
		Indicator based assessment of the implementation of the 2003 Regional plan on HW generation in the Mediterranean	Regional and national Expertise, in house expertise	MEDPOL and CP/RAC	Basel Convention Strategic Plan implementation, Stockholm Convention Effectiveness Process
		Updated assessment of desalination activities in the Mediterranean and their impact	Regional and national Expertise, in house expertise	SWIM, MEDPOL and Blue Plan	SAP MED, SWIM Project

Theme IV: Pollution Prevention and Control

Output 4.2

Lower levels of pollution in the Mediterranean marine and coastal environments

No	Main Activities	Expected results	Means of implementation	Lead/engaged component and other partners	Links to other actions related activities
<p>Indicators and targets:</p> <ul style="list-style-type: none"> - Volume of investments in the framework of MeHSIP GEF, SP, bilateral cooperation and national expenditure in hotspot areas - PRTR projects prepared for at least 4 countries - Satisfaction questionnaire for managers of personnel trained in waste water treatment - Number of compliance reports on pollution standards in bathing and shellfish growing waters 				<p><u>Targets 2014-2015</u></p> <ul style="list-style-type: none"> -PRTR prepared in 5 countries -500 PCB tons disposed in ESM manner -140 national officers trained on PCB ESM package and disposal -Measures reviewed and or updated to a achieve GES targets in 3 affected areas 	
4.2.1	Pollution reduction demonstration projects, including the sound management of POPs	Pollution reduction policy adopted related to tanneries, phosphogypsum, lube oils and lead batteries	Expert assistance, national meetings, regional workshops to share experiences	MED POL, Project Partner countries	Medpartnership Project, H2020, WB,
		Implement 4 pilots to dispose up to 840 tons PCB in Albania, BH, Egypt, Turkey,	Expert assistance, national meetings, Disposal abroad, elimination	MED POL, Project Partner countries	Medpartnership Project, H2020, WB, Stockhom convention,
		Capacity building activities to support the implementation of the Regional Plans (BOD from food sector, marine litter management, POPs)	Regional and national Workshops	CP/RAC and MEDPOL	H2020, UNIDO TEST/MED (GEF Medpartnership Project), Regional Action Plans for Food, Mercury and POPs, MED-IPPC-NET project
		Support countries to implement the guidelines on mercury sites decontamination and prepare the inventory of mercury contaminated sites	Experts, national workshops, regional workshop	CP/RAC in cooperation with MED POL and SWITCH project partners	BAT4MED project, UNIDO TEST/MED (GEF Medpartnership), Regional
		Support 3 countries to review /update existing programmes of measures to achieve ECAP GES targets EO 5, 9,10 in some pilot hotspots or areas of concern	Regional Expertise, National Expertise	MEDPOL and CP/RAC	Action Plans for Food, Mercury and POPs, MED-IPPC-NET project

No	Main Activities	Expected results	Means of implementation	Lead/engaged component and other partners	Links to other actions related activities
4.2.2.	Establishing PRTR	Support countries to establish PRTR Regional sub-regional workshops to share know how on PRTR	Training, provision of small equipment, set up of data bases, on line PRTR, Regional workshop	MED POL, INFO/RAC	EU PRTR, EEA/ ENPI/SEIS, H2020
4.2.3	Health environment managemet	Pilot projects to implement Guidelines for environmental health risks in tourist establishments	National Consultants	MED POL	WHO
4.2.4	Capacity building and assistance to countries for the identification and use of opportunities for pollution reduction related loans and grants	Support countries develop investment needs and project fishes to mobilize external resources to address NAP priorities	Regional Expert, National expertise	MED POL	Med Partnership, Sustainable Med (WB)

Theme VI: Climate change

Output 6.3

Assess and provide information to reduce adverse environmental impacts of mitigation and adaptation strategies & technologies (eg. Wind farms, ocean energy, carbon capture and storage)

Indicators and targets:

- *Integration of environmentally sound desalination and waste water re-use assessed*
- *Guidelines provided on how to assess environmental impact for at least 3 technologies*
- *Report on risks of CO2 sequestration activities*

Targets 2013-2014

- Assistance provided to 4 countries for waste water re-use,
- Updated Desalination Guidelines

No	Main Activities	Expected results	Means of implementation	Lead/engaged component and other partners	Links to other actions related activities
6.3.1	Assistance to countries for the proper management of desalination activities and on water re-use	Updated MEDPOL guidelines on desalination in cooperation with EU/SWIM project	Regional Expertise; Regional Workshop	MED POL	SWIM Project
		Water re-use more diffused in the region	Regional Expertise workshop	MED POL	SWIM Project

