



MEDITERRANEAN ACTION PLAN (MAP) REGIONAL MARINE POLLUTION EMERGENCY RESPONSE CENTRE FOR THE MEDITERRANEAN SEA (REMPEC)

Thirteenth Meeting of the Focal Points of the Regional
Marine Pollution Emergency Response Centre
for the Mediterranean Sea (REMPEC)

REMPEC/WG.45/INF.19
Date: 10 June 2019

Malta, 11-13 June 2019

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Agenda Item 7

COMPILATION OF PROJECT FICHES

Note by Secretariat

SUMMARY

Executive Summary: This document compiles fiches of projects and activities relevant to the implementation of the Regional Strategy for Prevention of and Response to Marine Pollution from Ships (2016-2021).

Action to be taken: Paragraph 3

Related documents: REMPEC/WG.41/16, REMPEC/WG.41/12, and REMPEC/WG.45/7

Background

1 To ensure the capitalisation of past and ongoing efforts and to increase the effectiveness of the resources made available for the implementation of the Regional Strategy for Prevention of and Response to Marine Pollution from Ships (2016-2021), on the one hand, by the UNEP/MAP and its components, IMO, as well as other partners through the mobilisation of resources in a coordinated and integrated manner and, on the other hand, by all Contracting Parties to the Barcelona Convention through bilateral, multilateral or regional activities or projects, the Twelfth Meeting of the Focal Points of the Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (REMPEC) (Malta, 23-25 May 2017) invited Contracting Parties to the Barcelona Convention to:

- .1 submit a fiche for each bilateral, multilateral or regional project or activity relevant to the implementation of the Regional Strategy (2016-2021), based on the template set out in the Annex to document REMPEC/WG.41/12, which is reproduced in the Annex to the present document for ease of reference, to the Secretariat, preferably at the beginning of the said project or activity; and
- .2 report the main developments or outcome at the Meeting of the Focal Points of REMPEC following the submission of the fiche, possibly by means of information documents, with a view to increasing visibility on these projects/activities.

2 The compilation of fiches submitted to the Centre providing information on projects supporting the implementation of the Regional Strategy (2016-2021) is set out in the **Annex** to the present document.

Action requested by the Meeting

3 **The Meeting is invited to take note** of the information provided in the present document.

ANNEX

**Compilation of Project Fiches
relevant to the implementation of the
Regional Strategy for Prevention of and Response to
Marine Pollution from Ships (2016-2021)**

“Marine Litter-MED” Project

GENERAL INFO ON OVERALL PROJECT

Description and main objective(s)

The “Marine Litter-MED” is an EU-funded project implemented and coordinated by the UN Environment/Mediterranean Action Plan (MAP), aiming at supporting the Contracting Parties to the Barcelona Convention from the southern Mediterranean region to implement the Regional Plan on Marine Litter Management in the Mediterranean. Most of the project activities are carried out by MED POL, SCP/RAC, SPA/RAC and REMPEC.

The main focus of the project is on:

- a) Enhancing the implementation of selected marine litter policy/regulatory prevention and reduction common measures at sub-regional/national levels and sharing of related best practices as identified in the updated NAPs in Southern Mediterranean/EU Neighbourhood countries;
- b) Developing and applying regionally harmonized approaches, guidelines and tools to ensure effective implementation of selected measures (participation of all Contracting Parties, including EU on non-cost basis);
- c) Establishing regional coordination mechanisms for marine litter prevention and management in the Mediterranean to maximize synergies through cooperation and exchange of best practices; and
- d) Establishing regional coordination mechanisms for marine litter with other regional actors and European Regional Seas Conventions, with a particular focus on collaboration with the Black Sea Commission Permanent Secretariat.

The objective of the project is to support UN Environment/Mediterranean Action Plan Barcelona Convention and its Southern Mediterranean Contracting Parties to implement key common measures provided for in the Regional Plan on Marine Litter Management in the Mediterranean and updated National Action Plans to achieve GES in synergy and coherence with the implementation of the European Union (EU) Marine Strategy Framework Directive (MSFD) and H2020 initiative. Moreover, to contribute to the region wide marine litter reduction targets as approved by COP 19 of the UN Environment/MAP Barcelona Convention, the MSSD and UNEP/MAP MTS 2016-2021 as well as UN Agenda 2030 for Sustainable Development.

Main output(s)

To support the progress towards marine litter GES and the implementation of the Regional Plan on Marine Litter Management in the Mediterranean through the implementation of selected and common marine litter measures included in the NAPs/Programme of Measures.

The project’s main outputs are:

- A. Assisting the implementation of the Regional Plan on Marine Litter Management in the Mediterranean at sub-regional level with a particular focus on the up to five most common marine litter measures provided in the updated NAPs.
- B. Strengthening the implementation of harmonized approaches at regional and sub-regional level to reduce and prevent marine litter generation from land-based and sea-based sources.
- C. Assisting the establishment of regional and bilateral

	cooperation mechanisms with relevant regional actors as well as European Regional Sea Conventions to enhance synergies for the implementation of the Regional Plan on Marine Litter Management in the Mediterranean adopted or in process of preparation, with a particular focus on the collaboration with the Black Sea Commission.
Geographical scope and countries involved	Regional: Mediterranean with particular focus on the Southern Contracting Parties of the Barcelona Convention - Countries involved: Algeria, Egypt, Israel, Lebanon, Libya, Morocco and Tunisia.
Total budget (EUR)	1,400,000 EUR
Main source(s) of funding	EU Funding
Lead organization (manager)	UN Environment/MAP – MED POL
Other partners	REMPEC, SCP/RAC, SPA/RAC, Other partners
Start/end dates	June 2016 – December 2019

INFO ON REMPEC'S PARTICIPATION IN PROJECT

Description of project output(s) for which REMPEC responsible	<ol style="list-style-type: none"> 1. A study based on a literature review on existing best practices in the Mediterranean as well as other European Regional Seas for the application of charges at reasonable costs and No-Special-Fee system for the use of port reception facilities, considering information available on the IMO GISIS and available documentation 2. Draft guidance document to determine the application of charges at reasonable costs for the use of port reception facilities or, when applicable, application of No-Special-Fee system. 3. Draft operational Guidelines on the provision of reception facilities in ports and the delivery of ship-generated wastes. 4. A field visit by Port Authorities representatives (one per target country) in one reference port (e.g. Algeciras or Antwerp). 5. Pilots to determine the application of charges at reasonable costs for the use of port reception facilities or, when applicable, application of No-Special-Fee system in one major port per country. 6. Pilots related to the provision of reception facilities in ports and the delivery of ship-generated wastes in one marina per country. 7. National meetings organised to raise awareness on the need to better manage sea-based litter in ports and to provide ships using their ports with updated information relevant to the obligation arising from Annex V of MARPOL Convention and from their legislation applicable in the field.
Project budget for REMPEC's activities (EUR)	The Project budget allocated to REMPEC 211,140 EUR is complemented by 113,560 EUR from the Memorandum of Understanding between the United Nations Environment Program (UNEP) and the Italian Ministry for Environment, Land and Sea Protection (IMELS)

Other Mediterranean Countries/Partners involved:	All Mediterranean coastal States, MED POL and other MAP components involved.
Relevant Specific Objective(s) of the Regional Strategy (2016-2021):	<p>The project supports the beneficiary countries in the implementation of the following Specific Objectives (SO) of the Regional Strategy (2016-2021):</p> <ul style="list-style-type: none">• SO 5: Provision of reception facilities in ports;• SO 6: Delivery of ship generated wastes; and• SO 9: To reduce the pollution generated by pleasure craft activities.
Comments/Explanations on added value of the project/activity for the implementation of the Regional Strategy (2016-2021):	<p>REMPEC contributes to the implementation of the Regional Plan on Marine Litter Management, and assists Contracting Parties in the accomplishment of the above-mentioned SO, in particular through the preparation of specific guidelines to determine the application of charges at reasonable costs for the use of port reception facilities or, where appropriate, the application of a No-Special-Fee system, in consultation with various relevant regional and global institutions and initiatives.</p> <p>The Project also contributes to the implementation of the IMO Action Plan to address marine plastic litter from ships.</p>

Western Mediterranean Region Marine Oil & HNS¹ Pollution Cooperation (West MOPoCo)

GENERAL INFO ON OVERALL PROJECT

Description and main objective(s)	<p>The Project will support Algeria, France, Italy, Malta, Monaco², Morocco, Spain and Tunisia in strengthening their collaboration and cooperation in the field of preparedness for and response to oil and HNS marine pollution by enhancing the quality and interoperability of their response capacities.</p> <p>The general objective of this pilot Project is to increase the efficiency of assistance provided to oil and chemical marine pollution emergencies in the Western Mediterranean region in cooperation with the civil protection, the maritime and environment administrations and international experts, by evaluating and addressing challenges, at national, macro-regional and cross border level, focused on the improvement of the quality and interoperability of national and macro-regional response capacities and plans, the knowledge and capacity of Western Mediterranean countries to self-assess their national contingency plan and response means, the enhancement of the European Emergency Response Capacity through a better pooling of teams, assets and expertise, countries preparedness for receiving and offering international assistance, and the safe execution of response operations to chemical spills.</p>
Main output(s)	<ul style="list-style-type: none">• Development of a harmonised methodology for oil spill response planning and readiness assessment• Assessment of national contingency plans and response means• Identification of additional resources to complement national capacity and the ways to mobilise them• Establishment of synergies between the existing Sub-regional plans• Assessment of potential contribution to the European Emergency Response Capacity voluntary pool of expert and assets• Knowledge enhanced on existing resource mobilisation mechanisms• Development of a joint HNS Response Manual between REMPEC, HELCOM and the OSPAR/Bonn Agreement
Geographical scope and countries involved	Algeria, France, Italy, Libya, Malta, Monaco, Morocco, Spain and Tunisia
Total budget (EUR)	868,416.39 EUR
Main source(s) of funding	Co-financed (75%) by EU under the Civil Protection Financial Instrument (€ 651,312.30)
Lead organization (manager)	Secrétariat général de la mer, France
Other partners	OPRC Focal Points and addition support staff from Algeria, France, Malta, Morocco, Spain, Tunisia, as well as the OSPAR/Bonn Agreement and the Helsinki Commission (HELCOM), and with the technical support of expert institutions such as the International Tanker Owners Pollution Federation (ITOPF), the French Centre of Documentation, Research and Experimentation on Accidental Water Pollution (Cedre) as well as the Italian Institute for Environmental Protection and Research (ISPRA)
Start/end dates	From 01-01-2019 to 31-12-2020 (24 months)

¹ Hazardous and Noxious Substances (HNS)

² Although Monaco is not an eligible country it will be invited to contribute

INFO ON REMPEC'S PARTICIPATION IN PROJECT

Description of project output(s) for which REMPEC is responsible	Report of recommendations for duplication into adjacent regions, Project Dissemination/Publicity (Website, Project logo, brochure, banner, newsletters, etc...), Decision support tools (Maritime Integrated Decision Support Information System on Transport of Chemical Substances (MIDSIS-TROCS) and the Mediterranean Emergency Reporting System (MedERSys)) update and upgrade, the Readiness Evaluation Tool for Oil Spills (RETOS™) and its accompanying Manual, National reports on assessment, gap and performance analysis, and improvement programme of National oil spill contingency planning, National mechanisms for the mobilisation of response equipment and experts in case of emergency, Feasibility study on the establishment of a Synergy between the sub-regional agreements/plans and of sub-regional mechanism for a coordinated and coherent response in the west Mediterranean, and National and sub-regional workshops and trainings.
Project budget for REMPEC's activities (EUR)	348,458.93 EUR (including REMPEC staff contribution)
Other Mediterranean Countries/Partners involved:	OPRC Focal Points and addition support staff from Algeria, France, Malta, Morocco, Spain, Tunisia, as well as the OSPAR/Bonn Agreement and the Helsinki Commission (HELCOM), and with the technical support of expert institutions such as the International Tanker Owners Pollution Federation (ITOPF), the French Centre of Documentation, Research and Experimentation on Accidental Water Pollution (Cedre) as well as the Italian Institute for Environmental Protection and Research (ISPRA)
Relevant Specific Objective(s) of the Regional Strategy (2016-2021):	<p>The project supports the beneficiary countries in the implementation of the following Specific Objectives (SO) of the Regional Strategy (2016-2021):</p> <ul style="list-style-type: none"> • SO 17: To enhance the levels of prepositioned spill response equipment • SO 19 To improve the quality, speed and effectiveness of decision making process in case of pollution incident • SO 20. To increase the level of knowledge in the field of preparedness and response to accidental marine pollution • SO 21. To revise the existing recommendations, principles and guidelines • SO 22. To strengthen the capacity of individual coastal States to respond efficiently to marine pollution incidents through development of contingency plans
Comments/Explanations on added value of the project/activity for the implementation of the Regional Strategy (2016-2021):	The project will contribute to strengthening the regional cooperation framework, as well as assist the Beneficiary Countries in implementing the Regional Strategy for the Prevention of, Preparedness for and Response to Marine Pollution from Ship (2016-2021). The project complements REMPEC staff with a Project Assistant at REMPEC and a Project Coordinator based in France (SGMer). It is intended to replicate the project in other Mediterranean regions.

Capacity building strengthened in enhancing scientific description of Ecologically/Biologically Significant Marine Areas (EBSAs) or Particularly Sensitive Sea Areas (PSSAs) MAP Component

GENERAL INFO ON OVERALL PROJECT/ACTIVITY

Description and main objective(s):	The main objective of this deliverable is to enhance knowledge and capacity among the Contracting Parties (with a focus on Adriatic sub region) regarding the description of EBSAs or PSSAs, to support area-based management. This deliverable will include the preparation of a desk study on the scientific description of EBSAs and PSSAs, and the organization of a training workshop for Adriatic countries nationals and a back-to-back regional workshop afterwards.
Main project/activity output(s):	Relevant scientific/technical documents on EBSAs and PSSAs Training and regional workshops reports
Geographical scope and countries involved:	Sub regional / Adriatic countries
Total budget (EUR):	60.000 €
Main source(s) of funding:	IMELS 83% - MTF 17%
Lead organisation (manager):	SPA/RAC
Other partners:	REMPEC, GFCM, IMO, ACCOBAMS, CBD
Start/end dates:	Feb 2019- Dec 2019

INFO ON REMPEC'S PARTICIPATION IN PROJECT/ACTIVITY

Description of project/activity output(s) for which REMPEC is responsible:	<p>Guidance provided on PSSAs identification in relation with SPAMIs:</p> <p><u>Main Objectives:</u></p> <p>All Contracting Parties to have ascertained, with the support of REMPEC and SPA/RAC, whether there are maritime areas within their jurisdiction which need the protection afforded by their designation as PSSAs or not.</p> <p><u>Specific outputs:</u></p> <ul style="list-style-type: none">- Analysis of the state of play in terms of SPAMIs and possible PSSAs identification in relation with the said SPAMIs, through literature review and based on a questionnaire to be sent to all Contracting Parties to the Barcelona Convention;- Guidance / expert advice provided to Contracting Parties to the Barcelona Convention, which so request, on PSSAs identification in relation with SPAMIs as well as in the formulation and submission of applications for designation of PSSAs. <p>In doing so, the Consultant should take into account the IMO Assembly Resolution A.982(24) - Revised guidelines for the identification and designation of Particularly Sensitive Sea Areas (PSSAs), A24/Res.982.</p>
Project budget for Country's activities (EUR):	IMELS: 21.291 €

Other Mediterranean Countries/Partners involved:	Any Contracting Party to the Barcelona Convention having adopted SPAMIs or in the process of doing so.
Relevant Specific Objective(s) of the Regional Strategy (2016-2021):	The project supports the Mediterranean countries in the implementation of Specific Objective 12 (Identification of Particularly Sensitive Sea Areas (PSSAs)) of the Regional Strategy (2016-2021).
Comments/Explanations on added value of the project/activity for the implementation of the Regional Strategy (2016-2021):	The project enables the initiation of the process of identification of those areas which, after examination by the REMPEC Focal Points, could be proposed for designation as PSSAs taking also into account, where appropriate, possible synergies with actions undertaken on the establishment of Marine Spatial Plans referred to under Specific Objective 10;

SAFEMED IV, EuroMed Maritime Safety Project

GENERAL INFO ON OVERALL PROJECT/ACTIVITY

Description and main objective(s):	Improved maritime safety; improved security of ships and port facilities; reduced pollution to the marine environment; improved level of maritime training and qualification of seafarers; improved living and working conditions on board ships; improved cooperation between beneficiaries and EU MSs
Main project/activity output(s):	<p>Expected outputs of Component 4 “Protection of the marine environment”</p> <ul style="list-style-type: none">• technical support to beneficiaries in order to boost the appropriate implementation of the most updated international instruments on marine environmental protection;• operational support to beneficiaries by continuing the provision of an access to EMSA’s network of Oil Spills Recovery Vessels;• provision of CleanSeaNet service through EMSA SEG;• training of IMS operators;• operational support to beneficiaries by providing access to THETIS EU and appropriate training to Inspectors for implementation of EU requirements in the area of Port Reception Facilities and Content of Sulphur in Marine Fuel, provided that they enact relevant legislation with approximation with the acquis in those areas;• support to implement the EU guidelines on Places of Refuge for ships in the need of assistance and incentivise cooperation with the Mediterranean EU MSs on this issue;• technical support to comply with the regulation (EU) 2015/757, provided that they enact relevant legislation with approximation with such Regulation;• provision of E-learning to maritime administrations’ staffs dealing with marine environmental issues;• upon request beneficiaries will be supported with the preparation, execution and assessment of external emergency response plans to verify their compliance with the Directive 2013/30/EC as well as with the development of a catalogue of emergency equipment and services available. <p>Regional actions implemented under component 4 Protection of the marine environment:</p> <ul style="list-style-type: none">• Training for European Neighbourhood Instrument (ENI) Integrated Maritime Services (IMS) Operators, 19-20 February 2018• Oil Spill Pollution Response Exercise, 25-27 September 2018 - Limassol• Seminar on Civil Liability in the Maritime Domain, 12-13 December 2018• SAFEMED IV participates at the Regional Workshop on Ratification and Effective Implementation of MARPOL Annex VI, 15 December 2018 – REMPEC, Valletta• SAFEMED IV countries participate at the Workshop on Sulphur Regulation “Awareness Raising for the upcoming 0.5% Sulphur requirements and consistent implementation as of 2020” for Mediterranean Countries <p>Bilateral actions implemented under component 4 Protection of the marine environment</p> <ul style="list-style-type: none">• Training on Port facility pollution contingency planning for the Tunisian Maritime Authority, 12-13 February 2018 <p>Actions planned for 2019 under Component 4 “Protection of the marine environment”</p>

- Training on MARPOL Annex VI and related EU legislation Israel, 16-17 July 2019, Algeria, 8-9 October 2019
- Training on marine environmental protection (Jordan) 10-11 September 2019
- Training on BWMC (regional) 29-30 October 2019

Technical actions under other Project's components contributing to prevention, preparedness and response to oil spills

- Supporting beneficiaries with the ratification and implementation of international maritime conventions; providing in-the class trainings and eLearning; ensuring effective maritime administrations; sharing AIS and providing SAT-AIS; donation of AIS stations, supporting with the preparation and follow-up measures for IMSAS

Geographical scope and countries involved:	Mediterranean Region - Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Palestine and Tunisia
Total budget (EUR):	EUR 4,000,000
Main source(s) of funding:	COM – DG NEAR
Lead organisation (manager):	European Maritime Safety Agency (EMSA)
Start/end dates:	16 March 2017 – 31 March 2021

INFO ON EMSA'S PARTICIPATION IN PROJECT/ACTIVITY

Description of project/activity output(s) for which EMSA is responsible:	All the above
Project budget for EMSA's activities (EUR):	EUR 4,000,000
Other Mediterranean Countries/Partners involved:	Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Palestine, and Tunisia
Relevant Specific Objective(s) of the Regional Strategy (2016-2021):	<p>The project supports to the implementation of the following Specific Objectives (SO) of the Regional Strategy (2016-2021)</p> <ul style="list-style-type: none"> • SO 1. Ratification of international maritime conventions related to the protection of the marine environment • SO 3. Ensuring effective maritime administrations • SO 5. Provision of reception facilities in ports • SO 7. Improved follow-up of pollution events as well as monitoring and surveillance of illicit discharges • SO 14. To establish procedures for the designation of places of refuge to minimise the risks of widespread pollution • SO 15. To examine the possibility of designating the Mediterranean Sea or parts thereof as SOx emission control area under MARPOL Annex VI and effectively implement the existing energy efficiency measures • SO 17. To enhance the levels of prepositioned spill response equipment • SO 22. To strengthen the capacity of individual coastal States to respond efficiently to marine pollution incidents through development of contingency plans

Comments/Explanations on added value of the project/activity for the implementation of the Regional Strategy (2016-2021):

The project supports the beneficiary countries in the implementation of the following Specific Objectives (SO) of the Regional Strategy (2016-2021) by:

- SO1: i) Providing technical support to draft national legislation to ratify and national procedures to implement the international maritime conventions and ii) Supporting to prepare the IMSAS and the related Corrective Action Plans
- SO3: i) Supporting with preparation of professional development schemes (PDSs) for ships' inspectors, ii) providing training sessions to support the implementation of the PDSs and sharing best practices with EU MSs on all areas covered by the IMO III Code and iii) Providing tools and services such as RuleCheck, eLearning, CSN, sharing AIS information
- SO5: Providing studies to identify the needs for port reception facilities or enhance the existing ones and related Waste Management Plans
- SO7: i) Providing CSN services enabling the beneficiaries to enhance capabilities of detecting oil spills, ii) Donating oil dismissed oil pollution response equipment and AIS stations through calls for expression of interest to enhance response capabilities as well iii) Providing SAT-AIS information for Mediterranean Sea and shared T-AIS information enhancing the capacity of identifying possible polluters
- SO14: Providing technical support to draft national legislation and procedures to designate an appropriate place of refuge
- SO15: Supporting DG ENV and the participation of beneficiaries to meetings related to designation of Special areas in the Mediterranean Sea
- SO17: Donating oil dismissed oil pollution response equipment through calls for expression of interest to enhance response capabilities as well
- SO22: i) Providing training sessions on the establishment of contingency plans and ii) Providing technical support to draft contingency plans and procedures for their implementation

GloFouling Partnerships Project

GENERAL INFO ON OVERALL PROJECT/ACTIVITY

Description and main objective(s):	<p>The GloFouling Partnerships is a project to address the transfer of harmful aquatic species through biofouling in some of the developing regions of the world.</p> <p>The introduction of invasive aquatic organisms into new marine environments not only affects biodiversity and ecosystem health, but also has measurable impacts on a number of economic sectors such as fisheries, aquaculture and ocean energy. Addressing invasive aquatic species is not only a matter of ensuring the health and integrity of marine ecosystems, but ultimately about safeguarding ecosystem services that sustain the livelihoods of coastal communities across the globe.</p> <p>The GEF-UNDP-IMO GloFouling Project, launched in December 2018, will drive actions to implement the IMO Guidelines for the control and management of ships' biofouling, which provide a globally-consistent approach on how biofouling should be controlled and managed to minimize the transfer of invasive aquatic species through ships' hulls. The project will also spur the development of best practices and standards for improved biofouling management in other ocean industries.</p> <p>This initiative is part of the wider efforts by IMO in collaboration with the United Nations Development Programme (UNDP) and the Global Environment Facility (GEF) to protect marine ecosystems from the negative effects of invasive species. This work began in 2001 under the GloBallast Programme.</p>
Main project/activity output(s):	<p>The work of the GloFouling Project is divided into five major components:</p> <ul style="list-style-type: none"> • Legal, Policy and Institutional Reforms (LPIR) developed and implemented to minimise the risk of Invasive Aquatic Species (IAS) transferred through biofouling. • Capacity building and technical support for the implementation of the 2011 Biofouling Guidelines and best practices for biofouling management in other ocean industries. • Public-private partnerships to bring active private sector participation at global, regional, national and local levels, to support the development of innovative technological and other solutions and financial sustainability for the control and management of biofouling. • Knowledge management systems and enhanced stakeholder and institutional cooperation for monitoring and evaluation of biofouling management and control measures. • Monitoring and evaluation.
Geographical scope and countries involved:	<p>Twelve countries, representing a mix of developing nations and Small Island Developing States, will spearhead the work of the GloFouling Project as Lead Partnering Countries (LPCs): Brazil, Ecuador, Fiji, Indonesia, Jordan, Madagascar, Mauritius, Mexico, Peru, the Philippines, Sri Lanka and Tonga.</p>
Total budget (EUR):	<p>The GEF is providing a US\$6.9 million grant to deliver a range of governance reforms at the national level through numerous capacity-building activities, training workshops and opportunities</p>

	for technology adoption to help address the issue of invasive species.
Main source(s) of funding:	Strong participation from private sector stakeholders is also expected, replicating the successful public-private sector partnership model used by IMO in previous projects (such as the Global Industry Alliance – GIA). In addition to the seed funding provided by GEF, the Project partners are expected to provide co-financing in the region of US\$40 million, both cash and in-kind. The Project will run for five years, to the end of 2023.
Lead organisation (manager):	International Maritime Organization (IMO)
Other partners:	Global Environment Facility (GEF), United Nations Development Programme (UNDP), and Intergovernmental Oceanographic Commission (IOC) of the United Nations Educational, Scientific and Cultural Organization (UNESCO)
Start/end dates:	December 2018 – December 2023

INFO ON IMO'S PARTICIPATION IN PROJECT/ACTIVITY

Description of project/activity output(s) for which IMO is responsible:	All the above
Project budget for Country's activities (EUR):	EUR 37,500
Other Mediterranean Countries/Partners involved:	Tunisia (to be confirmed)
Relevant Specific Objective(s) of the Regional Strategy (2016-2021):	The project supports the implementation of the following Specific Objective 2 of the Regional Strategy (2016-2021): To control and manage ships' biofouling to minimise the transfer of invasive aquatic species
Comments/Explanations on added value of the project/activity for the implementation of the Regional Strategy (2016-2021):	<p>The project expands the groundwork made by the GloBallast Project (2008-2017), also focused on preventing the transfer of non-indigenous species, although through another pathway, namely ballast water.</p> <p>This first activity of the GloFouling project in the Mediterranean region will aim to develop a report estimating the potential economic impact of invasive aquatic species transferred through biofouling and the cost of both preventive and/or mitigation measures.</p> <p>It is expected that the report will be a tangible contribution to future discussions at the regional level with regard the transfer of harmful aquatic species, with special attention to the role played by pathways for secondary transfers (such as pleasure craft and marinas) and other maritime industries (such as mariculture, ocean energy and offshore platforms). The report should also facilitate informed decision-making within national maritime administrations with regard to the control and management of ships' biofouling.</p> <p>Finally, this activity will establish clear links with the work developed under the EcAp-Med II monitoring programme for biodiversity and NIS in Tunisia.</p>

Blue Economy and Marine Conservation: Safeguarding Mediterranean MPAs in order to achieve Good Environmental Status (PHAROS4MPAs)

GENERAL INFO ON OVERALL PROJECT

Description and main objective(s)	Maritime Spatial Planning (MSP) represents a transnational challenge for marine protected areas (MPAs). Maritime sectors have started to operate more and more frequently inside and in the vicinity of MPAs with expected growing environmental impacts, while at the same time, the MSFD requires to reach Good Environmental Status of the European Seas by 2020. Many EU projects and other initiatives have published results and recommendations concerning MPAs and their interactions with economic sectors but a Mediterranean integrated approach is lacking. By capitalizing on these results, the PHAROS4MPAs project will deliver an integrated framework for recommendations on the necessary practical collaboration between Mediterranean MPAs and maritime sectors identified as the project's targets.
Main output(s)	Approach and outputs include delivering common capitalization baselines, recommendations and policy tools adapted to appropriation by MSP Authorities, European Commission, Barcelona Convention, MedPAN network, and various maritime sectors.
Geographical scope and countries involved	Mediterranean European countries: Albania, Croatia, France, Greece, Italy, Slovenia, Spain
Total budget (EUR)	1,179,496 EUR
Main source(s) of funding	Interreg MED
Lead organization (manager)	WWF France
Other partners	Regional Agency for the Administration of Protected Areas (AKZM) - Albania; Regional Development Funds for North Aegean Regions (RDF NA) – Greece; National Research Council (CNR) – Italy; Institute for Nature Conservation (ZRSVN) – Slovenia; WWF Med
Start/end dates	1 December 2017 – 31 May 2019

INFO ON COMPONENT'S PARTICIPATION IN PROJECT

Description of project output(s) for which the MAP Component is responsible	Capitalizing on existing EU projects and other initiatives, conceive and deliver an integrated framework for the necessary practical collaboration between MPAs and the maritime sectors identified as project's targets: offshore oil and gas, maritime transport and ports, cruise, offshore renewable energy, aquaculture, recreational fisheries, leisure boating, scuba diving, artisanal fisheries. This will be achieved by implementing the following steps: 3.1 Planning the capitalization baseline: The partnership will be agreeing on the literature, reports, results that the project will be capitalizing on and agree on terms of reference that will be used for building the capitalization baseline for each sector. 3.2. Building the capitalization baseline: each partner is in charge of delivering the capitalization baseline for at least
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one sector or capitalization issue. The baseline means a consistent synthesis of all the results that need to be capitalized for all the sectors and on cross-cutting issues (MPAs and MSP, general guidelines for businesses operating in key biodiversity areas...). 3.3 Appropriation of the recommendations among the partnership: all partners will appropriate the recommendations produced for all the sectors. A short regional background report will also be produced targeting UNEP/MAP, EU institutions and international organizations.

Fostering the appropriation of the project's results by UNEP/MAP and its components as well as by other EU projects in which PAP/RAC is involved (e.g. SUPREME, SIMWESTMED, etc.).

**Project budget for MAP
Component's activities (EUR)**

118,000 EUR

Other MAP Components involved

REMPEC and SPA/RAC as associated partners

**Most relevant Specific Objective(s)
of the Regional Strategy (2016-
2021):**

The project supports the Mediterranean countries in the implementation of the following Specific Objectives (SO)

- SO 10 Reduced risk of collisions by establishing Ship's Routing Systems
- SO 12 (Identification of Particularly Sensitive Sea Areas (PSSAs) of the Regional Strategy (2016-2021)

**MTF budget allocation if
applicable**

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**Comments/Explanations on added
value of the project/activity for the
implementation of the Regional
Strategy (2016-2021):**

The Project contributes to the implementation of the following output of the UNEP/MAP Mid-Term Strategy (2016-2021)

- Output 3.2.2: Guidelines and other tools for the conservation of endangered and threatened Mediterranean coastal and marine species, key habitats, for non-indigenous species control and prevention, as well as the management of marine and coastal protected areas developed/updated and disseminated
- Output 4.1.1: CPs assisted in identifying, implementing and evaluating specific measures and tools to reduce pressure on coastal and marine areas
- Output 4.2.2: MSP defined in the context of the BC and applied, as appropriate

Coordination Of Maritime assets for Persistent And Systematic Surveillance –

COMPASS 2020

GENERAL INFO ON OVERALL PROJECT

Description and main objective(s)	<p>The Project will support Montenegro and other beneficiary countries in strengthening their capacities and cooperation in the field of maritime surveillance through the seamless integration of manned and unmanned assets in a single operational ecosystem.</p>
Main output(s)	<p>The major goal of COMPASS2020 is to demonstrate an operational solution to ensure long range and persistent surveillance, increasing the situational awareness of coast guards and maritime authorities, and thus increasing the cost-effectiveness, availability and reliability of the operations. The proposed solution relies on the combined use and seamless coordination of manned and unmanned assets to achieve greater coverage, better quality of information and shorter response times in maritime surveillance operations.</p> <p>COMPASS2020 will demonstrate the combined use and seamless coordination of manned and unmanned assets to achieve greater coverage, better quality of information and shorter response times in maritime surveillance operations.</p> <p>Provide to Cost Guards and Maritime authorities a solution with improved cost-effectiveness, availability and reliability of the operations.</p> <p>Innovative CONOPS are proposed in order to make use of multiple aerial and underwater unmanned vehicles with improved surveillance capabilities, deployed from patrol vessels or from land, and supported by a central, multi-domain and interoperable, Mission System (MS) to enable the operation of these from both locations.</p>
Geographical scope and countries involved	Belgium, France, Greece, Germany, Montenegro, Netherland, Romania, Portugal and United Kingdom,
Total budget (EUR)	5,952,300.00 EUR
Main source(s) of funding	Total grant 4,838,489.61 EUR financed by EU under the H2020 Research and Innovation programme – Grant Agreement No 833650
Lead organization (manager)	Direcção Geral da Autoridade Marítima, Portugal
Other partners	<p>End-users: Centro de Análise e Operações Marítimas-Narcóticos (EU) - MAOC-N; Home Office (UK); Maritime Safety Department (MSD) of Montenegro;</p> <p>Industry (6): TEKEVER Aerospace, Defence and Security (PT) - TEK-ASDS; NAVAL Group (FR); Airbus Defence and Space GmbH (GE); EDISOFT: Empresa de Serviços e Desenvolvimento de Software SA (PT); ECA Robotics (FR); ISD Lyseis Olokriromenon Systimatonanonymos Etaireia (GR) ;</p> <p>Research Centres (4):</p>

Start/end dates	Nederlandse Organisatie Voor Toegepast Natuurwetenschappelijk Onderzoek TNO (NL); Institutul National de Cercetare-Dezvoltare Aeronautica "Elie Carafoli": INCAS Bucuresti (RO); Stichting Nationaal Lucht: En Ruimtevaartlaboratorium (NL); NATO Science and Technology Organisation (BE); From 01-05-2019 to 31-10-2020 (18 months)
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INFO ON MONTENEGRO PARTICIPATION IN THE PROJECT

Description of project output(s) for which MSD is responsible	MSD will lead work package related to the communication and exploitation of the project results being, in particular, the partner that will lead the Communication and Outreach activities. Additionally, MSD will contribute to the activities of other work packages participating in the definition of use cases and concept requirements, in task for the End-users validation, and in the COMPASS2020 demonstration activities, especially in the logistic preparation and planning phases
Project budget for MSD activities (EUR)	150,000.00 EUR
Other Mediterranean Countries/Partners involved:	<p>NAVAL Group SA is an Industrial partner from France, formerly known as DCNS SA, and it is one of the world leaders in naval systems (e.g. information systems for the maritime security applications, secured communication network for sharing information between user communities, deployment and command & control of a fleet of maritime assets, etc.) and renewable energies.</p> <p>Integrated Systems Development S.A. is a SME from Greece that is mainly focused in the domain of integrated systems of guaranteed quality and performance. It acts as an R&D organization with capabilities to develop and integrate original electronic equipment.</p>
Relevant Specific Objective(s) of the Regional Strategy (2016-2021):	<p>The project will support the beneficiary countries in the implementation of the following Specific Objectives (SO) of the Regional Strategy (2016-2021):</p> <ul style="list-style-type: none">• SO 7 Improved follow-up of pollution events as well as monitoring and surveillance of illicit discharges• SO 8 To improve the level of enforcement and the prosecution of discharge offenders• SO 11 Improved control of maritime traffic
Comments/Explanations on added value of the project/activity for the implementation of the Regional Strategy (2016-2021):	The project will demonstrate an operational solution to ensure long range and persistent surveillance, increasing the situational awareness of coast guards and maritime authorities, and thus increasing the cost-effectiveness, availability and reliability of the operations. The proposed solution relies on the combined use and seamless coordination of manned and unmanned assets to achieve greater coverage, better quality of information and shorter response times in maritime surveillance operations. After the project will be finished Montenegro plans to purchase unmanned aerial vehicles to over-fly the waters for monitoring and surveillance of illicit discharges and others purposes.