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UNEP-PNUE



REGIONAL MARINE POLLUTION EMERGENCY RESPONSE CENTRE

FOR THE MEDITERRANEAN SEA (REMPEC)

EURO-MEDITERRANEAN PARTNERSHIP

EUROMED CO-OPERATION ON MARITIME SAFETY AND PREVENTION OF POLLUTION FROM SHIPS

(SAFEMED)

SAFEMED II PROJECT

EU-Funded MEDA Regional Project MED 2007/147-568

SUMMARY OF THE TECHNICAL ANNEX

1. Background

The SAFEMED project is a response to the interest of the European Union (EU) to develop Euro-Mediterranean co-operation in the field of maritime safety and security, prevention of pollution from ships and marine environmental issues by providing technical advice and support to the non-EU Mediterranean countries identified in the 1995 Barcelona Process.

The objective is to mitigate the existing imbalance in the application of maritime legislation in the region between the EU Member States and the Mediterranean partner countries through promoting a coherent, effective and uniform implementation of the relevant international conventions and rules aimed at better protecting the marine environment in the Mediterranean region by preventing pollution from ships.

With the intention to tackle the problem, a first SAFEMED project (SAFEMED I), developed in co-operation with the Euro-Mediterranean Transport Forum (EUROMED), ran from 2006 until 2008.

In view of the achievements of SAFEMED I, the European Commission's EuropeAid Cooperation Office and the Mediterranean partner countries agreed on the idea to launch a second SAFEMED Project (SAFEMED II), which covers the years 2008-2011.

As was the case for SAFEMED I, the project is implemented by the IMO's Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (REMPEC), operating within the framework of the Mediterranean Action Plan (MAP) of the Regional Seas Programme of the United Nations Environment Programme (UNEP).

The SAFEMED II project should assist the Mediterranean partner countries with the further implementation of the 2007 adopted Regional Transport Action Plan (RTAP) for the Mediterranean 2007-2013. The RTAP set out a road-map for transport cooperation and comprises a number of actions in different transport sectors (maritime, road, railways and civil aviation) and targets mainly regulatory (institutional) reform and infrastructure network planning and implementation. The most relevant actions in the RTAP are related to the implementation of IMO/ILO conventions (N° 7), cooperation with the European Maritime Safety Agency (EMSA – N° 8) and the further deployment of VTS and VTMIS systems in the major Mediterranean ports (N° 9). Supported by the expertise of REMPEC, the SAFEMED II project will enable the Mediterranean partner countries to make further progress on these actions in the Road-Map.

More information about the SAFEMED project can be found on the dedicated website: <http://www.safemed-project.org/home> and regarding the overall EuroMed Transport cooperation as well as the RTAP on: <http://www.euromedtransport.org/>

2. Overall objectives

The overall objectives of the SAFEMED II project are as follows:

- To procure a sustainable improvement in the protection of Mediterranean waters against the risks of accidents at sea and marine pollution;
- To further reduce the capacity gap between the application of international regulatory framework and the EU legislative framework in order to ensure a coherent, effective and uniform implementation of the international conventions and rules for maritime safety and security and the prevention of pollution from ships in both the Mediterranean area and the European Union.

REMPEC will manage the implementation of all the tasks described in this document and will provide the European Commission (EuropeAid and DG TREN) the project outputs and deliverables of the following activities to be carried out:

- Joint efforts towards the realisation of the objectives, increased awareness and visibility
- Towards an effective flag State implementation and fulfilment of international obligations
- Strengthening of the Port State Control (PSC) regime in the Mediterranean
- VTMIS equipment and related services

- Protection of the marine environment
- Security of ships and port facilities in the Mediterranean area
- Supporting activities

3. Project activities

The SAFEMED II Project will encompass the following main fields of activities, over a time span of three years. Flag State Implementation pursues the objective of approximation of standard practices throughout the Mediterranean. Strengthening the Med MoU on Port State Control is a new activity of this second phase, designed to harmonise the work of the two MoUs present in the region, Med MoU and Paris MoU, to increase efficiency of Port State Control in the region, and tighten the net on sub-standard shipping. For its part, VTMIS equipment will increase safety of navigation by aiming for ultimate coverage of the entire area. This activity will include procurement of equipment. Protection of the marine environment will focus on MARPOL implementation to update beneficiaries about the recent changes. Last but not least, the project will deal with security of ships and port facilities in the Mediterranean area, with, in particular, an intensive training programme.

4. Detailed list of activities

ACTIVITY TASK N°	DESCRIPTION
ACTIVITY 1	Joint efforts towards the realisation of the SAFEMED objectives, increased awareness and visibility
Task 1.1	<p>Establishment of an overview of the Maritime Administrations</p> <p>This task aims to establish a profile of the Maritime Administrations of the beneficiaries established on the basis of information provided by SAFEMED I and updated with any other information available, in particular the information provided by GISIS and the websites of the Maritime Administrations.</p>
Task 1.2	<p>Kick-off meeting with press release</p> <p>Merged with 1.7</p>
Task 1.3	<p>Awareness seminars focusing on the specific SAFEMED II activities and EU policies</p> <p>The purpose of this task is to organize in each of the beneficiaries a one day seminar highlighting the role of the EU and the added value brought to maritime safety, pollution prevention and maritime security in the wider European area, the objectives to be achieved by SAFEMED II, the foreseen SAFEMED II activities and tasks, the role of REMPEC as project manager of SAFEMED II and the possibilities for further co-operation through twinning exercises and on the potential role/assistance of the European Maritime Safety Agency (EMSA)</p>

ACTIVITY TASK N°	DESCRIPTION
Task 1.4	<p>Updating of the information provided by the Geographical Information System</p> <p>This task aims to upgrade/update the GIS through the acquisition/integration of recent data (2006-2008) and, if necessary and feasible possible additional data and actual features, which is necessary in order to ensure that the system set up under SAFEMED I will not become obsolete.</p>
Task 1.5	<p>SAFEMED Visibility</p> <p>This task covers the communication aspects of SAFEMED II, including an enhanced website and creation of a newsletter.</p>
Task 1.6	<p>Improved knowledge of maritime English</p> <p>This task aims at identifying the possibilities to provide within the Mediterranean area an ad hoc adequate maritime English learning facility.</p>
Task 1.7	<p>Presentation of SAFEMED at the 26th Regular Session of the IMO Assembly in co-operation with EC</p> <p>This task aims to prepare a presentation, adapted to the specific audience, highlighting the objectives, the scope and the activities of the SAFEMED project and to deliver this presentation either as a standalone event or integrated in an EU event, in close co-operation with the EC and IMO.</p>

ACTIVITY TASK N°	DESCRIPTION
ACTIVITY 2	Towards an effective flag State implementation and fulfilment of international obligations
Task 2.1	<p>Identification of impediments and shortcomings for fulfilment of flag State related obligations</p> <p>This task aims at preparing two series of syllabi (the first one for the countries which have not benefitted from a twinning exercise, the other one taking into account the results of the twinning exercises) and providing practical information on:</p> <ul style="list-style-type: none"> - The shortcomings identified under SAFEMED I, - How to set up a basic database of the commercial fleet, - How to daily monitor the performance of the fleet by using the internet, - Basic qualifications of flag State surveyors, - The most essential tasks to be performed by a Maritime Administration - Relevant guidance to prepare for the IMO audit (taking account of the content and results of SAFEMED I Activity 1.8 scheduled for 2008).
Task 2.2	<p>Monitoring of flag performance and improved monitoring of Classification societies</p> <p>In co-operation with EMSA a 2 day seminar will be set up to take stock of the evolution of the situation regarding the recognition and monitoring of recognized organizations by the beneficiaries' National Maritime Administrations and discuss the most efficient way to rely upon EU recognized organizations for survey and certification tasks and to adequately monitor the RO.</p>
Task 2.3	<p>Assistance for the preparation of the VIMSAS</p> <p>As a follow-up to SAFEMED I whereby a Workshop was organized to prepare the Mediterranean partners for the VIMSAS, and in view of the proposed EU legislation, this task aims at providing technical assistance to those beneficiaries which so request to assist them in the preparations for the Audit Scheme.</p>
Task 2.4	<p>Participation to the IMO Flag State Implementation Sub-Committee (FSI)</p> <p>This task aims to promote the attendance in 2010 of at least one representative of the national Maritime Administrations, of all beneficiaries to the 18th session of the FSI.</p>
Task 2.5	<p>Short SAFEMED flag State course</p> <p>This task aims to build on the existing one week REMPEC/WMU short course on Flag State Implementation. By repeating this initiative in SAFEMED II, more flag State Administration personnel can benefit from this very important course.</p>

<p>Task 2.6</p>	<p>Participation to the Master of Sciences courses at the World Maritime University (WMU) for duly qualified candidates from the Mediterranean partners</p> <p>The objective pursued is to ensure that each Maritime Administration is able to permanently rely upon qualified WMU graduates involved in the management of the maritime safety branch and monitoring of the fleet. Under this task it is the intention to grant 6 additional scholarships. All beneficiaries will be invited to nominate possible candidates, but priority will be given to those countries whose staff did not have the opportunity to participate in the WMU course during the SAFEMED I project.</p>
<p>Task 2.7</p>	<p>Participation to the Master of Laws (LL.M) course at the International Maritime Law Institute (IMLI) for duly qualified candidates from the Mediterranean partners</p> <p>The aim of the granting of these scholarships is to train, as far as necessary, at least one staff member per Mediterranean partner country. Under this task it is the intention to grant 5 additional scholarships. All beneficiaries will be invited to nominate possible candidates, but priority will be given to those countries whose staff did not have the opportunity to participate in the IMLI course during the SAFEMED I project.</p>
<p>Task 2.8</p>	<p>Promotion of the ratification of the ILO Maritime Labour Convention (MLC)</p> <p>The new ILO Maritime Labour Convention is a new comprehensive global legal instrument concerning maritime labour standards for the world's ship owners, seafarers and maritime nations. With the aim of promoting its ratification a 2 day seminar will be organised.</p>
<p>Task 2.9</p>	<p>Recommendations for accident investigations</p> <p>This task aims to bring together in a two days seminar experts on maritime investigation of EMSA and EU Member States representatives involved in accident investigation, together with staff members of the beneficiaries</p>

ACTIVITY TASK N°	DESCRIPTION
ACTIVITY 3	Strengthening of the Port State Control (PSC) regime in the Mediterranean
Task 3.1	<p>Presentation of the SAFEMED II activities to the MED MoU in co-operation with EC/EMSA</p> <p>This task aims to intervene in co-operation with the EC during the MED MoU Committee in order to inform the MED MoU members about the scope of Activity 3 and to obtain the support from the Committee to work jointly for the realisation of the objectives pursued with this Activity.</p>
Task 3.2	<p>Updating available information and additional fact-finding on PSC activities</p> <p>This task aims to update the information provided by the MED MoU diagnosis made in 2005. The updated diagnosis will be submitted for consideration for information to the beneficiaries and the EC and for consideration to the 2009 MED MoU Committee.</p>
Task 3.3	<p>Establishment of required profile of MED PSC inspectors (basic and expected qualification)</p> <p>This task aims to establish a temporary minimum profile (qualifications) for the PSC inspectors of the MED MoU as well as an "increased" profile with expected qualifications (based on education, training and expertise) to be achieved in the medium term.</p>
Task 3.4	<p>Update of the MED manual on PSC procedures</p> <p>This task aims to prepare a draft for a revised manual of procedures intending to improve the detection of substandard ships.</p>
Task 3.5	<p>Improvement of data exchange between the beneficiaries and the MED MoU Info Centre</p> <p>Merged with 3.7</p>
Task 3.6	<p>Development of a training programme on PSC procedures for MED PSC inspectors and training of PSC inspectors</p> <p>This task assumes the possibility to rely upon the training expertise of EMSA. The implementation of this training programme will be commensurate to the PSC responsibilities of the beneficiaries. In order to reach a maximum of inspectors, two kinds of training programmes will be implemented: a three days training seminar and a one week national training course.</p>
Task 3.7	<p>Upgrading of the MED MoU PSC info Centre and possible connection with EU PSC database</p> <p>Taking account of the setting up of the New Information System of the Paris MoU, which should be operational in 2011 this activity aims to identify the possible needs (personnel/equipment) to upgrade the MED MoU info centre in order to allow it to exchange data.</p>

ACTIVITY TASK N°	DESCRIPTION
ACTIVITY 4	VTMIS equipment and related services
Task 4.1	<p>Assessment of the feasibility of further developing GMDSS coastal stations, AIS base stations or national networks and new VTS installations and/or maritime reporting systems and preparation of the relevant terms of reference for potential calls for tenders.</p> <p>This task is aiming at paving the way for the deployment of GMDSS and/or AIS shore based infrastructure in coastal areas lacking such elements and VTS installations or maritime reporting systems where maritime traffic conditions and risks justify it.</p>
Task 4.2	<p>Assessment of the feasibility and preparedness of SAFEMED beneficiaries to potentially link with SafeSeaNet and/or AIS Regional Network and preparation of the relevant terms of reference for potential calls for tenders.</p> <p>Merged with 4.1</p>
Task 4.3	<p>Reviewing of existing or reporting of newly established traffic measures to IMO</p> <p>This task aims to support short missions of experts to the beneficiary countries which so request to review existing traffic measures, when appropriate, and/ or to assist in the implementation of new measures by providing technical assistance to them.</p>
Task 4.4	<p>Equipment procurement for traffic monitoring/ port control stations, alerting posts and AIS base stations</p> <p>This task is aiming in procuring/purchasing and delivering in operation a set of equipment as well as software applications for basic communication infrastructure for port control stations, AIS base stations, basic communication and IT facilities for MRCCs</p>
Task 4.5	<p>Training programme for VTS supervisors, VTS operators and VTS on-job training instructors</p> <p>This task is aiming at enabling officers working at existing VTS installations to improve their qualifications in order to reach a level of qualification meeting IALA recommendations, taking into consideration the real needs of the Maritime Administrations of the beneficiaries for efficient traffic monitoring.</p>

ACTIVITY TASK N°	DESCRIPTION
ACTIVITY 5	Protection of the marine environment
Task 5.1	<p>Coherent and effective implementation of the MARPOL Annexes, in particular I,II and III</p> <p>This task is divided between the establishment of an inventory of the legal measures implementing MARPOL Annex I regulations 20 and 21 in the beneficiaries, provision of assistance by a MARPOL Annex I expert, and organisation of a four days workshop on the implementation of MARPOL Annexes II and III.</p>
Task 5.2	<p>Assistance in the ratification and implementation of MARPOL Annex VI</p> <p>For this task, a two days workshop will be organised in order to raise awareness amongst the beneficiaries and to assist them in the preparatory work for the ratification and implementation of this important Annex of MARPOL.</p>
Task 5.3	<p>Promotion of an adequate network of places of refuge in the Mediterranean</p> <p>Under this task an overview of the national measures (legislation, guidelines.) taken by all Mediterranean countries related to the provision of places of refuge will be established and the availability of sensitivity mapping within beneficiaries will be assessed.</p>
Task 5.4	<p>Implementation of the AFS Convention</p> <p>In order to exchange views about the best practices with regard to these surveys and inspections a two days workshop bringing together inspectors/surveyors of the beneficiaries and representatives of EU Member States involved in AFS survey and inspections will be organised.</p>

ACTIVITY 6	Security of ships and port facilities in the Mediterranean area.
Task 6.1	<p>Workshops to promote regulatory and technical reforms</p> <p>Three high-level workshops will be organised during the course of the project to boost expertise and organizational capability to implement properly obligations under relevant IMO rules</p>
Task 6.2	<p>Assessment of the training capacity</p> <p>The aim of this task is to promote, through an assessment of the actual training capacity of the beneficiaries, an autonomous training capability in each beneficiary to be realised in the medium-term period and to professionalize the staff of the training centres concerned.</p>
Task 6.3	<p>Training programme for maritime security personnel</p> <p>The aim of this task is twofold. On the one hand upgrading/updating the awareness, knowledge and proficiency of the maritime security management and Designated Authority and on the other hand to enhance the beneficiaries' capabilities to effectively control their own flagged ships, ports/port facilities and on foreign ships.</p>
Task 6.4	<p>Monitoring of the Recognised Security Organisations (RSOs)</p> <p>REMPEC will establish a report on the delegation of responsibilities by the maritime security administration and on the control mechanisms set up within these administrations to monitor the activities of the RSOs.</p>
Task 6.5	<p>Establishing/ strengthening maritime security in port area and for Non- SOLAS ships.</p> <p>This task supplements Task 6.2, focusing on domestic passenger ferries and ports where the entire area has been considered a single port facility.</p>

ACTIVITY TASK N°	DESCRIPTION
ACTIVITY 7	Supporting activities
Task 7.1	<p>Coordination with ongoing and future projects</p> <p>During the entire life of the SAFEMED project, REMPEC must ensure a high level of co-ordination with all the on-going and future projects involving Mediterranean countries and related to the maritime sector, both at EU and international level.</p>
Task 7.2	<p>Input to the SAFEMED project follow-up</p> <p>the SAFEMED project will provide recommendations to the European Commission on complementary / additional regional activities which could be launched as a follow-up to the SAFEMED project.</p>
Task 7.3	<p>Advisory Committee</p> <p>The existing Maritime Safety working sub-group of the Euro-Mediterranean Transport Forum will further act as the Advisory Committee for the project.</p>