



### WEBINAR

Draft Mediterranean Guidelines for the Development of Joint Spill Response Exercises within the Framework of the Sub-regional Contingency Plans

Activity No 1.2.10: Strengthen the capacity of individual coastal States to respond efficiently to marine pollution incidents

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### Welcome Address

#### **Dear Participants**

#### Good morning All

It is with Great pleasure, as the Head of Office of REMPEC, to welcome you in this important webinar, about the coordination of Joint Spills Response Exercises.

As you are aware one of the main roles and objectives of REMPEC is the coordination of activities of the Mediterranean coastal States related to the implementation of the Protocol concerning Cooperation in Preventing Pollution from Ships and, in Cases of Emergency, Combating Pollution of the Mediterranean Sea (the "2002 Prevention and Emergency Protocol") to the Barcelona Convention.

- Ramoge POL between France, Italy, Monaco (1993)
- South-Eastern Mediterranean between Cyprus, Egypt and Israel (1995)
- Lion Plan between France and Spain (2002)
- South-Western Mediterranean between Algeria, Morocco and Tunisia (SCP AMT, 2005)
- The Adriatic between Croatia, Italy and Slovenia (2005)
- South-Eastern Mediterranean between Cyprus, Greece, and Israel (SCP CGI, 2018)
- Adriatic Marine Pollution Incident Contingency Plan between Albania, Bosnia and Herzegovina, Croatia, Italy, Montenegro, and Slovenia (ADRIATIC CP, 2023)
- South-Eastern Mediterranean between Cyprus, Egypt, and Greece (Ongoing)"

Article 17 of the 2002 Prevention and Emergency Protocol Sub-regional Contingency Plans (SCPs)

#### REMPEC

According to Article 17 of the 2002 Prevention and Emergency Protocol, Parties may negotiate, develop and maintain appropriate bilateral or multilateral subregional agreements in order to facilitate the implementation of this Protocol, or part of it.

#### [SCPs]

In this context, we are proud that in the Mediterranean, todate, seven Sub-regional contingency plans (SCPs) were established in different regions of the Mediterranean and there are others in the negotiation phase:

- Ramoge POL between France, Italy, Monaco (1993)
- South-Eastern Mediterranean between Cyprus, Egypt and Israel (1995)
- Lion Plan between France and Spain (2002)
- South-Western Mediterranean between Algeria, Morocco and Tunisia (SCP AMT, 2005)
- The Adriatic between Croatia, Italy and Slovenia (2005)
- South-Eastern Mediterranean between Cyprus, Greece, and Israel (SCP CGI, 2018)
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#### [Objective of SCPs]

SCPs are crucial for managing major emergencies, especially in the Mediterranean Sea due to the region's high maritime traffic, environmental sensitivity and potential of transboundary pollution.

The general objective of a Sub-regional contingency plans is to organize a prompt and effective response to marine oil pollution incidents affecting or likely to affect one or more Parties of the Agreement.

The Sub-regional Plans are activated in the framework of the NCP of any of the resepctive Parties.

[The Guidelines on Joint Spill Response Exercises with SCPs]

To achieve this objective, Parties agree to take actions through the implementation of the Plan, among them the development and implementation of a programme of training and exercises for different levels of personnel involved in oil pollution prevention, preparedness and response.

The implementation of the SCPs program of training and exercises so far focused on thematic workshops; however, a very limited number exercises were carried out. The only exercises conducted took place during the drafting of the SCPs in 2017 and in 2024, which revealed a lack of knowledge in preparing and conducting such activities while also helped identifying key areas for improvement in preparing and executing Tabletop and Real case exercises.

Building on the preparation of the CYPEX 2024 exercise (postponed to a later date) and insights gained from previous exercises, REMPEC has taken the initiative with the support of Green Bow Consultants to develop a guidance document on Joint Spill Response Exercises (JSRE).

This guide is not merely a replication of existing documents. Instead, its primary objective is to serve as a practical tool for implementing SCPs during tabletop exercises and applying the entire SCP in a real-case scenario.

It is encouraging to see so many participants at today's webinar, which is clear evidence of the importance given to this issue and promises well for a very fruitful webinar. We look forward to your active participation to make sure that the draft guidance document is a useful document that leads to further beneficial cooperation with the Mediterranean region.

Without further a do, I am pleased to now give the floor to Green Bow Consultants, who supported REMPEC in developing these guidelines to navigate us through today's webinar.



## Webinar Agenda

Introduction	01 The framework			02 The Guidelines			03 Interactive Session
	Performing JRSE within the SCPs in the Mediterranean	Review the process for drafting the Guidelines	Examine the Key points that need to be considered for the preparation of a JRSE	Break	Review the Guidance Document structure	Update on findings recorded during the Activity	Validate , refine and ensure that the recommendations align with the NCPs and the SCPs
10:30-10:45	10:45-11:00	11:00-11:15	11:15-11:45	11:45-12:00	12:00-12:30	12:30-13:00	13:00-13:30

## 02 The Guidelines

The webinar seeks to inform the Participants on the development of the Guidelines and in more particular to:



Present the logical initial steps for the decisionmaking process



Present the structure of the document



**Discuss Findings** 



Invite observations and proposals

## Overall Objectives

#### LOGICAL STEPS FOR PLANNING AN EXERCISE

SET TARGETS What to be tested during the exercise

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- Type of Accident - Geographical Location - Season

#### Select:

Select:

Type of Oil Preferred Response methods Participants and assets

#### Through NCP & SRCP set : Response Priorities Command Structure Communications

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Organize: Flow of information Media Message Lessons Learnt



Guidelines for Joint Spill Response Exercises within Sub-regional Contingency Plans

> Enhancing Regional Preparedness and Collaboration under the Barcelona Convention





A Cornerstone of Regional Cooperation

Shared Understanding Communication Protocols Resource Sharing Mutual Assistance Joint Training and Exercises

SCP

## The Objectives

Testing the SCPEvaluatingand Coordination

Building Capacity Identifying Gaps and Weaknesses

### The Structure

Part I

A comprehensive, generic framework

Part II A detailed, step-by-step process

Both parts are designed to complement each other

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Defining the Scope

Scope

Scenario Development Dynamic and Adaptive Scenarios



## Scenario Development Techniques

Tabletop Exercises Computer Simulations

**Field Drills** 

### Key Considerations

Oil Type

Spill Volume and Location

Weather Conditions

Environmental Sensitivity Potential Impacts



## Unified Command & Control

A Cornerstone of Effective Response

Unified Command Structure Incident Command System (ICS)

Interagency Coordination

Regional Coordination



#### Communication The Lifeline of Response

Key Communication Channels Interagency and International Coordination Public Information and Stakeholder Engagement



### Logistics and Resource Mobilization A Well-Oiled Machine

Rapid Deployment Transportation and Logistics Resource Tracking and Inventory Management

Financial Considerations

### Response Strategies

Minimizing Impact and Maximizing Effectiveness

Containment and Recovery

Dispersant Use Shoreline Cleanup Wildlife Protection and Rehabilitation

Waste Management



## Environmental Considerations

Protecting Sensitive Ecosystems

Minimizing Environmental Impact Environmental Sensitivity Mapping

Mitigation Measures Long-Term Environmental Monitoring

## The Challenges

Environmental Challenges Logistical Challenges

Technical Challenges Organizational Challenges



## Lessons Learned and Continuous Improvement Learning from Experience

Importance of Preparedness Communication and Coordination

Resource Mobilization Environmental Protection



## Dissemination and Implementation Ensuring Widespread Adoption

**Target Audience** 

Channels of Dissemination

Implementation and Feedback

# Conclusion

#### A Path Forward

Enhanced Preparedness Regional Cooperation Effective Exercises Continuous Improvement

Call to Action

#### 03

#### Interactive Session

Forum for Discussion –Q&A

#### Guidance Document Chapter

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TABLE (	DF CONTENTSEXECUTIVE SUMMARY-				
1	CHAPTER ONE: FRAMEWORK				
1.1	Background				
1.2	The Sub-regional Contingency Plan (SCP) Development				
1.3	CYPEX Joint Spill Response Exercise – 2024				
1.4	Specific Objectives of the Oil Spill Response Exercise				
2	CHAPTER TWO: POLICY AND COMMAND STRUCTURE				
	INTRODUCTION				
2.1	Command and Control Structure				
2.2	National and Sub-regional Command Coordination				
2.2.1	Activation of the Sub-regional Contingency Plan (SCP)				
2.2.2	Regional and Bilateral Agreements				
3	CHAPTER THREE: RISK ASSESSMENT AND SPILL SCENARIOS				
3.1	Oil Spill Scenarios: Potential Sources of Oil Spills				
3.2	Likelihood				
3.2.1	Historical Data				
3.2.2	Maritime Traffic and Offshore Operations				
3.2.3	Environmental and Operational Conditions				
3.2.4	Risk Assessment Methodology				
3.3	Release Volume and Discharge Rate: Oil Types and Spill Behaviour				
3.3.1	Group 1: Non-Persistent Light Oils (Gasoline, Condensate)				
3.3.2	Group 2: Persistent Light Oils (Diesel, Light Crudes)				
3.3.3	Group 3: Medium Oils (Most Crude Oils, IFO 180)				
3.3.4	Group 4: Heavy Oils (Heavy Crude Oils, Bunker C)				
3.3.5	Group 5: Sinking Oils (Slurry Oils, Residual Oils)				
3.4	Event Location and Prevailing Conditions				
3.5	Environmental Sensitivity and Impact Assessment				
3.5.1	Sensitivity Mapping 18				
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- CHAPTER FOUR: RESPONSE STRATEGIES
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- 4.2 The basic elements of oil spill response exercise and response
- 4.3 Response Policy
- 4.3.1 Containment and Recovery at Sea
- 4.3.2 Use of Dispersants
- 4.3.3 Shoreline Response
- 4.3.4 Hazardous & Noxious Substances (HNS)
- 4.3.5 Wildlife Protection
- 4.4 Containment and Recovery
- 4.4.1 Containment
- 4.4.2 Recovery
- 4.4.3 Storage and Disposal
- 4.5 Use of Dispersants
- 4.5.1 Regulatory Considerations
- 4.5.2 Application Methods
- 4.5.3 Net Environmental Benefit Analysis (NEBA)
- 4.6 Shoreline Clean-up
- 4.6.1 Shoreline Types
- 4.6.2 Manual vs. Mechanical Techniques
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- 4.8.1 Waste Segregation
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- 4.9 Applied Scenario Action-Sequence
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- 5.1.1 Personnel Mobilization
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- 5.2 Logistics Associated Expenses
- 5.3 Venue, Accommodation, and Invitation to Spill Response Exercises
- 5.3.1 Venue Selection
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- 6.1 Internal Communications
- 6.1.1 Coordination Among Response Teams
- 6.1.2 Communication Tools and Technology
- 6.2 External Communications
- 6.2.1 Public Information Officer (PIO)
- 6.2.2 Media and Public Communication
- 6.2.3 Communication with International and Regional Partners
- 6.2.4 Stakeholder Communication and Feedback
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- 7 CHAPTER SEVEN: CHALLENGES, LESSONS LEARNED, AND POINTS OF CONSIDERATION
- 7.1 Challenges in Oil Spill Response
- 7.1.1 Environmental Challenges
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- 7.1.4 Organizational and Coordination Challenges
- 7.2 Lessons Learned
- 7.2.1 Importance of Preparedness and Pre-Positioned Resources
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- 7.2.4 Multi-Agency and International Cooperation
- 7.2.5 Importance of Community Engagement
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- 7.3.1 Developing Adaptive Response Strategies
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- 7.3.3 Expanding Stakeholder Collaboration
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- 8 CHAPTER 8: DISSEMINATION STRATEGY
- 8.1 Target Audience
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- 8.1.2 International and Regional Organizations
- 8.1.3 Private Sector and Industry Stakeholders
- 8.1.4 Non-Governmental Organizations (NGOs) and Environmental Groups
- 8.1.5 Local Communities and Media
- 8.2 Methods of Dissemination
- 8.2.1 Digital Distribution
- 8.2.2 Hard Copy Distribution
- 8.2.3 Workshops and Training Sessions
- 8.2.4 Media and Public Awareness Campaigns
- 8.3 Monitoring and Feedback Mechanism
- 8.3.1 Tracking Distribution
- 8.3.2 Continuous Updates
- 8.3.3 Collaboration with International Partners

#### Findings during the preparatory work

- Table Top exercises should be established on an annual basis
- Modern observation techniques create big data files that require storage with common access permission
- Command and cooperation are essential elements of an effective response. Following Regional mobilization there is the need to create and embed to the sRCP, a system of follow-up forms.

- Media Crisis Management System should also be Annexed to the sRCP as a guide for managing Media and the information being distributed



#### Feedback

Is this Guidance Document a helpful instrument for planning? i.e organising planners' priorities and steps?

or

Other information and/or document management should be added?





#### "THE WHOLE IS GREATER THAN THE SUM OF ITS PARTS." - ARISTOTLE

#### DISCLAIMER

This activity is financed by the Mediterranean Trust Funds (MTF) and implemented by the Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (REMPEC)

The views expressed in this document are those of the Consultants and are not attributed in any way to the United Nations (UN), the International Maritime Organization (IMO), the United Nations Environment Programme (UNEP) or the Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (REMPEC)

