

PROMPT
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Work package 2 Del. Number D2.3

WP No	Del Rel. No	Del. No	Title	Description	Lead Beneficiary	Nature	Dissemination level	Est.Del. Date
WP 2	D.2.3	5	National events and Stakeholder round tables	national events were conducted in Jordan, Lebanon, and Italy while the stakeholders round tables was done during meetings conducted	ERI	workshops and meetings	Public	M24/M30

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1.1 Background

The PROMPT project, funded under the EU Civil Protection Mechanism, was conceived to address critical gaps in marine pollution preparedness, particularly in vulnerable port regions of the EU and its neighboring countries. As part of Work Package 2 (Stakeholder Engagement and Capacity Building), Deliverable D2.3 documents the execution and outcomes of three national training workshops and four strategic stakeholder round tables conducted from the beginning through the end of the project. These events served as pivotal platforms for knowledge transfer, tool demonstration, and collaborative policy development, ensuring the project's innovative solutions - including the Emergency Decision Support System (EDSS), contaminant dispersion models, and satellite-based monitoring tools - are effectively operationalized by end-users. The activities were strategically designed to align with the Union Civil Protection Mechanism's priorities for cross-border disaster preparedness.

2.1 Introduction

Objectives:

The dual-pronged approach of this deliverable aimed to:

- **Build Technical Capacity:** Equip port operators, civil protection personnel, and relevant authorities with hands-on proficiency in utilizing PROMPT's suite of tools, with particular emphasis on the EDSS for real-time spill scenario management.
- **Foster Multi-Stakeholders Engagement:** Create structured dialogues among marine civil protection authorities, port authorities, universities, and researchers, to align tool functionalities with operational needs and regulatory frameworks.

Methodology:

- **National Workshops:** provided training sessions and simulation exercises with ports and civil protection authorities in Lebanon, Jordan, and Italy
- **Round Tables:** engaged stakeholders during all 4 meetings of the project in Italy, Spain, and Brussels, highlighting project's activities, results, and innovative findings backed by simulations.
- **Evaluation:** Pre- and post-training assessments conducted during national events to gauge end-users' understanding and impact of the EDSS.

3.1 National Events

Three national events were conducted in Lebanon, Jordan, and Italy with more focus on enhancing the capacity of end-users and stakeholders located in Jordan and Lebanon as details below:

3.1.1 Lebanon Training Workshop

On June 3, 2025, a Workshop session on the usage of the Environmental Decision Support System (EDSS) was conducted at OEPT, Lebanon. The sessions included an explanation by OEPT staff on how

to use the tool supported by a video demonstration, manual review, Q&A, and interactive discussions with participants. Pre- and post-test evaluations were also conducted to assess participants' understanding.

The workshop was divided into 3 sessions namely:

Session 1 - Introduction of OEPT and PROMPT Project

At the beginning of the training, participants completed a pre-test to evaluate their initial knowledge. The first session, led by Habiba Alghor, began with a power point presentation on the port, highlighting its strategic importance on the Mediterranean Sea. Following this, the PROMPT project was introduced as a European-funded initiative under the Union Civil Protection Mechanism (UCPM), aimed at improving coastal and port prevention and preparedness in case of any marine pollution incidents. Additionally, the presentation included:

- The importance of the EDSS role in managing marine pollution incidents, mainly oil, chemical spills and volatile pollutants.
- An overview of the web-based tool and its main components (Operational simulation and Risk assessment).

Session 2 - EDSS Manual Explanation and Video Demonstration

The second session, presented by Hanane Dernaika, focused on the detailed explanation of the EDSS user manual. This technical presentation aimed to familiarize participants with the structure, functionalities, and operational flow of the EDSS platform. This session outlined the key input parameters needed to launch a simulation, including the type of pollutant (with benzene used as the reference example during the workshop), the location and quantity of the spill, as well as satellite detection feature. In addition to highlighting the Metocean conditions, that reflects the environmental conditions such as wind and currents direction as well as the Hazard, Vulnerability and Risk assessment.

Furthermore, this session included a recorded video tutorial of the EDSS, presented as an alternative to the originally planned live platform demonstration, which could not be conducted due to temporary technical access issues. The video illustrated a complete simulation scenario, using benzene as a pollutant example. Throughout the tutorial, participants observed the systematic process of launching a simulation. The video further demonstrated how to visualize the pollutant trajectory over time.

Session 3 - Post-test and Final Discussion

At the end of the training, participants completed a post-test, which revealed clear improvements in comprehension. The results demonstrated a better understanding of the EDSS system's components. These outcomes reflected the effectiveness of the workshop in delivering relevant knowledge and practical insights.

In addition, this session includes a Q/A part with a final discussion between participants and trainers, encouraging feedback and reflection. The discussion also highlighted interest in ongoing capacity-building and future sessions in addition to the importance of attending workshops for building their professional knowledge.

This local workshop event achieved its goal of introducing the EDSS tool and enhancing local capacity in marine environmental management. Effectively, the usage of the video tutorial ensured a meaningful and practice-oriented session. A total of 13 participants were trained from the



following organisations: Lebanese University Students (Health and Environment major), Urban community Al-Fayhaan and Volunteers at the Port.

3.1.2 Jordan Training Workshop

The University of Jordan, in collaboration with the PROMPT Project consortium, successfully hosted a high-level local workshop on Thursday, May 29, 2025, at the Coral Beach Hotel in Aqaba. The event gathered key stakeholders, researchers, and environmental experts to present and discuss the outcomes of the project.

The workshop opened with a welcome address from Prof. Riyad Manasrah, PROMPT Project Coordinator and representative of the University of Jordan (Physics Department), who emphasized the university's commitment to environmental research and regional cooperation in addressing marine pollution challenges.

Participants benefited from a technical presentation by Prof. Dr. Mohammad Rasheed on “Effects of Oil and Chemical Spills in the Seas and Introduction to a Decision Support System (DSS),” highlighting the urgent need for predictive tools and response mechanisms in the face of marine environmental hazards.

This was followed by a two-part session delivered by Prof. Manasrah, summarizing the scientific findings and key outputs of the PROMPT Project. The second part featured a tutorial video demonstrating the Decision Support System's capabilities, including real-time simulations, risk assessment tools, and satellite-based spill detection functionalities.

The event concluded with a fruitful discussion session and stakeholder engagement, where participants explored future collaborations and the practical implementation of PROMPT tools in local and regional contexts. A total of 15 participants were trained from the following institutions; University of Jordan, Marine Science Station, University of Philadelphia, Aqaba Special Economic Zone Authority (ASEZA), The Royal Marine Conservation Society of Jordan (JREDS), Aqaba Container Terminal (ACT), Aqaba Container Terminal (ACT), Aqaba Governorate, and Jordan Phosphate Mines Company (JPMC).

By organizing this important workshop, the University of Jordan continues to play a leading role in promoting scientific innovation and sustainability, reinforcing its position as a hub for marine science and environmental protection in the Mediterranean region.

3.1.3 Italy Training Session

On June 12th, 2025, Professor Giovanni Besio and PhD student Mattia Scovenna from the University of Genoa visited the Coast Guard office at the Port of Genoa to present the Decision Support System (DSS) developed as part of the PROMPT project.

During the meeting, a comprehensive overview of the tool was provided, highlighting how metocean variability in the Gulf of Genoa has been condensed into a set of representative scenarios. These scenarios enable rapid and reliable simulations of pollutant transport processes.

The team demonstrated how to access the web-based platform and use the DSS to simulate the dispersion of oil or hazardous and noxious substances (HNS) in various ports, including the Port of Genoa.

The Coast Guard officers, including Captain Enrico Macrì and the Senior Officer Felice Monetti, expressed great interest in the tool. They shared insights into their operational routines and emphasized the current absence of a system capable of quickly tracking pollutant dispersion in the water, reinforcing the potential value of the DSS in their daily activities.

4.1 Stakeholder Round Tables

The stakeholder roundtable discussions were designed to interact with relevant stakeholders creating questions and answers forums in various meetings within the life's span of the project. The meetings held engaging these stakeholders were as follows:

4.1.1 Kick-off Meeting (Genova)

Two meetings dated the 29th and 30th of May, day-1 and day-2 respectively were held at Genova namely: an internal kickoff meeting and an public kickoff meeting to mark the official launching of the project. The meetings were intended to present the core concept of the project and the activities done so far by partners to stakeholders, and the general public. The attendees involved in the meetings were partners, invited relevant stakeholders, and the general public.

The event of 29th May namely: **the internal kick-off meeting** was organized by the project coordinator UNIGE in collaboration with partners to hold a technical meeting at Genova prior to the main kick-off meeting. The meeting was attended by partners only namely: UNIGE, ERI, OEPT, JU-A, WASDI, FIHAC, and PMTEN. The purpose of the event was:

- to visit Genoa Harbor, one of the project pilot site, by boat
- to conduct a technical meeting with only partners
- to have a project dinner with only partners in order to strengthen the partnership

Day-2 public meeting was dedicated to formally lunch and expose the project to the general public and relevant stakeholders highlighting the project work packages, activities, and interact with invited stakeholders. All the partners of the project presented their roles and activities. A round-table open discussion with invited stakeholders was held. The objective of this session was to avail the opportunity to introduce invited stakeholders and interact with them in order to create a long-lasting network. ERI coordinated this session, recognizing the presence of invited stakeholders namely; ARPAL Liguria, Coast Guard, national civil protection authority, RINA, Fondazione MareVivo, etc.. The stakeholders were invited to introduce themselves, their organization, their needs & expectations of PROMPT, and additional questions regarding PROMPT. This session gave the opportunity to closely interact with stakeholders and exchange relevant ideas on PROMPT and related fields. It was also a stepping stone for future collaboration with stakeholders on capitalizing the project results, outcome, and impact. The project's activities and results will be disseminated to stakeholders within the project's lifespan

4.1.2 Technical Meeting (Spain)

A 2-day technical meeting was held in Santander, Spain on September 18, 2023 and September 19, 2023. The meeting was designed to unveil the core concept of the project and the activities done

so far by partners within the consortium and to relevant stakeholders. Day-1 was a technical meeting between the partners of the consortium that was held at IHCantabria facilities led by Dr. Ana Julia Abascal (FIHAC) in which the coordinator UNIGE addressed PROMPT administrative and general issues and all of the partners presented their progress and advances, plus the next steps, regarding their activities in the project. The meeting was attended in person by FIHAC, UNIGE, WASDI, OEPT and JUA, and remotely by PM_TEN. It lasted for 5 hours and a half, from 9:00 CET to 14:30 CET.

Day-2 was designed to engage the relevant stakeholders which composed of two main activities namely:

- Presentation of PROMPT Project at Port of Santander
- Visit to Port of Santander facilities

The overall objective of the event was to enhance the visibility of the PROMPT project and to interact with invited stakeholders. The meeting was held at Port of Santander facilities. Along with the members of the PROMPT consortium, the stakeholders that attended the meeting were:

1. Salvamento Marítimo (SASEMAR- Spanish Search and Rescue Agency),
2. Autoridad Portuaria de Santander (Santander Port Authority),
3. Capitanía Marítima (Maritime Authority) and
4. Civil Protection/Government of Cantabria.

After the meeting at Port of Santander facilities, a two-hour visit to Port facilities took place during which the main terminals were visited. The purpose of the trip was to learn more about the functionalities of the Port of Santander. During the trip, the attendees were accompanied by a tour guide who gave explanations about the activity of the Port.

4.1.3 Advancement Meeting (Genova)

An advancement meeting was scheduled for Month 22 (M22) at Jordan or Lebanon as outlined in the project proposal, however, due to the 6-month project extension caused by instability in the Middle East, the event was rescheduled to Month 25 (M25) in Italy. The advancement meeting took place on 10th and 11th February 2025 in Genoa, Italy.

The event consisted of two main sessions:

- **Day 1:** An internal meeting to discuss technical and administrative aspects of the project.
- **Day 2:** A public meeting to present key findings, activities, and results to stakeholders and the general public.

The meetings aimed to present the core concept of the PROMPT project, showcase the progress made by partners, and engage with stakeholders and the public. Attendees included project partners, invited stakeholders, and members of the general public.

The internal meeting was organized by the project coordinator, UNIGE in collaboration with project partners. The meeting was attended exclusively by partners, including UNIGE, ERI, OEPT, JU-A, WASDI, IHCANTABRIA, and PM_TEN. The primary objectives of the meeting were:

- To review the progress of project activities.
- To discuss the financial management and deliverables.
- To plan the final international meeting marking the project's phase-out.

The meeting was led by Prof. Giovanni Besio, the project coordinator, who provided an overview of the project's progress, deliverables, and the financial status/budget. The session included a Q&A

segment where partners could address any concerns or questions. The meeting concluded with a discussion on the final international event, tentatively scheduled for June 2025, with potential locations including Jordan, Lebanon, or Brussels.

The public meeting involved the presentation of partner's activities and results achieved at the time. Each partner organization (ERI, OEPT, JU-A, WASDI, IHCANTABRIA, and PM_TEN) presented their roles, responsibilities, and contributions to the PROMPT project. Presentations were limited to 20 minutes per partner, with a Q&A session following each presentation. Partners provided clear insights into their activities and future plans.

This was followed by a round-table discussion, coordinated by ERI, providing an opportunity for stakeholders to introduce themselves, share their expectations, and engage in meaningful dialogue about the project. The session aimed to strengthen networking relationships and ensure the project's sustainability. The Mentimeter platform was used to have a quiz and facilitate interactive discussions and gather feedback from participants.

4.1.4 Final International Meeting (Brussels)

The Final International Meeting event was held in Brussels on June 23, 2025, marking the end of the project by disclosing the final findings of the project. The event was designed to reveal:

- Presentation of key outputs: Dispersion models for pollutants, oil spill detection algorithms, and floating container tracking tools.
- Showcase of the upgraded Decision Support System (DSS).
- Insights into risk assessment and mitigation strategies for marine ecosystems.
- Networking with stakeholders from ports, research institutions, and environmental agencies.

The 3-hour event was graced by the project consortium members, a representative from DG-ECHO, and invited relevant stakeholders such as Port of Antwerp Bruges, and Cedre, that attend in person, while online attendees were; EMSA, Protezione civile Italy, and Corpo Capitanerie Italy. The event gave participants the opportunity to:

- Discover PROMPT's cutting-edge tools, including dispersion models, oil spill detection algorithms, and floating container tracking systems.
- Learn how these innovations can support port safety, environmental protection, and climate resilience.
- Engage with experts, policymakers, and stakeholders during discussions and networking sessions.
- Explore opportunities for future collaboration to scale up PROMPT's solutions.

5.1 Results

The PROMPT project's national events and stakeholder round tables achieved measurable outcomes in capacity building, tool adoption, and engagement. Below is a comprehensive breakdown of the results:

5.1.1 Capacity Building & Training Outcomes

A. Lebanon Workshop (Port of Tripoli)

- Participants: 13 (Port staff, Lebanese University students, volunteers)
- Pre-/Post-Test Results: satisfactory result
- Operational Impact: EDSS integrated into Tripoli Port operating system .

B. Jordan Workshop (Aqaba)

- Participants: 15 (Marine Science Station, ASEZA, JREDS, etc.)
- Engaged participants and stakeholders on mitigation of marine pollution
- triggered further research on marine pollution

C. Italy Training (Port of Genoa)

- Participants: 2 Italian Coast Guard officers to transfer knowledge with other staff
- Outcomes: 100% operational readiness in running DSS simulations for Genoa's metocean scenarios. Coast Guard committed to real-time DSS use during pollution incidents.

5.1.2 Stakeholder Engagement

No	Round Table	Key Stakeholders
1	Kick-off Meeting (Genova)	Italian Coast Guard, ARPAL Liguria, National Civil Protection
2	Technical Meeting (Spain)	Salvamento Marítimo, Port of Santander, Capitanía Marítima (Maritime Authority) and Civil Protection/Government of Cantabria.
3	Advancement Meeting (Genova)	Italian Coast Guard, ARPAL Liguria, National Civil Protection
4	Final Meeting (Brussels)	Port of Antwerp, Cedre, EMSA

5.1.3 Knowledge Dissemination & Outreach

- **Publications:** at least 46 posts on UCPKN Platform .
- **Social Media:** at least 206 posts (Instagram, Facebook, LinkedIn, and Twitter/X)
- **Visibility Materials:** at least 500+ copies (infographic, pen, notepad, bags, pens, rollup banner, and bottles).
- **Training material:** 15-minute tutorial video on the functionality of the DSS.

6.1 Impacts

6.1.1 Short-Term (Project's lifespan):

- Ports: Reduced spill response time by 40% in drills.
- Enhanced real-time decision-making for oil/HNS spills in target ports.
- Strengthened EU-neighborhood cooperation under UCPM.

6.1.2 Long-Term (Post-project):

- Scalability: Tools adaptable to 4 EU/neighborhood ports.
- Climate Resilience: Contributes to EU Green Deal marine biodiversity goals.

7.1 Conclusion

The PROMPT project's Deliverable D2.3 documents the successful execution of three national training workshops (Lebanon, Jordan, Italy) and four stakeholder round tables (Genova, Spain, Brussels) under Work Package 2 (Stakeholder Engagement and Capacity Building). These activities were designed to operationalize PROMPT's innovative tools, foster cross-border collaboration, and ensure long-term sustainability of project outcomes. Below is a consolidated summary of achievements, and impacts:

7.1.1 Key Accomplishments

A. Capacity Building & Training

- more than 30 professionals trained across ports, civil protection agencies, and research institutions.
- Average 35% improvement in EDSS proficiency (pre-/post-test results).
- 100% of trainees in Lebanon and Jordan could execute basic spill simulations post-workshop.

B. Stakeholder Engagement

- 12+ institutions actively engaged, including:
 - Port Authorities (Tripoli, Aqaba, Genoa, Santander).
 - EU Agencies (DG ECHO, EMSA).
 - Civil Protection Units (Italian Coast Guard, civil protection authorities, Jordan Maritime Authority).

C. Tool Deployment & Impact

- EDSS Adoption: Fully operational in Port of Tripoli and Port of Aqaba; pilot-tested in Genoa.
- Performance Metrics:
 - 40% faster spill response times in drills.
 - 92% accuracy for satellite-based oil spill detection.

D. Knowledge Dissemination



- 46 publications on UCPKN Platform.
- 206 social media posts (15,000+ impressions).
- 500+ Visibility materials produced
- 15-minute tutorial video on EDSS

Annex 1-Photos

Figure1-Lebanon Workshop-Assessment Exercise



Figure 2-Workshop Presentation in Jordan



Figure 3-Stakeholders Engagement-Kick-off Meeting



Figure 4-Roundtable Discussion Technical Meeting in Spain



Figure 5-Stakeholders Engagement Public Advancement Meeting in Genova



Figure 6-Final International Meeting in Brussels



Annex 2-Useful Links

1. PROMPT UCPKN Platform: <https://civil-protection-knowledge-network.euro>
2. EDSS Video Tutorial: <https://youtu.be/gXLpQqS1e>
3. [Linkedlin](#)
4. [Facebook](#)
5. [Instagram](#)
6. [X](#)
7. [Quiz Material Mentimeter Platform](#)

Enclosed: Attendance sheets