



## TRAINING REPORT

# Regional Training on Marine Litter Monitoring and Management in the Mediterranean

(SWIM-H2020 SM - REG-1)

Combined with the:

- Peer-to-Peer exchange (P2P-3) on Management of Marine Litter with emphasis on related provisions/regulatory frameworks on plastic waste
- Webinar(s) on Marine Litter monitoring (WEB-2)

**Athens, Greece**  
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SWIM and Horizon2020 Support Mechanism

Version	Document Title	Author	Review and Clearance
1	Training Report on the 'Regional Training on Marine Litter Monitoring and Management in the Mediterranean (SWIM-H2020 SM - REG-1)'.	Thomas Vlachogianni	Michael Scoullas



### **Disclaimer:**

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## ABBREVIATIONS

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ALDFG	Abandoned, Lost or Discarded Fishing Gear
CBC-Med	Cross Border Cooperation - Mediterranean
DG	Directorate General
ENI	European Neighborhood Instrument
ENPI	European Neighbourhood Partnership Instrument
EU	European Union
IMAP	Integrated Monitoring and Assessment Programme
MAP	Mediterranean Action Plan
MeHSIP	Mediterranean Hot Spots Investment Programme
NEAR	Neighbourhood and Enlargement Negotiations
PCs	Partner Countries
P2P	Peer-to-Peer
REG	Regional
SEIS	Shared Environmental Information System
UN	United Nations
WP	Work Package



# 1 THE SWIM-H2020 SM

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The SWIM and H2020 SM is a Regional Technical Support Program, funded by the European Commission, Directorate General (DG) NEAR (Neighborhood and Enlargement Negotiations), that includes the following Partner Countries (PCs): Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Palestine, [Syria] and Tunisia. However, in order to ensure the coherence and effectiveness of Union financing or to foster regional co-operation, eligibility of specific actions will be extended to the Western Balkan countries (Albania, Bosnia Herzegovina and Montenegro), Turkey and Mauritania. The Program is funded by the European Neighborhood Instrument (ENI) South/Environment. It ensures the continuation of EU's regional support to ENP South countries in the fields of water management, marine pollution prevention and adds value to other important EU-funded regional programs in related fields, in particular the SWITCH-Med program, and the Clima South program, as well as to projects under the EU bilateral programming, where environment and water are identified as priority sectors for the EU co-operation. It complements and provides operational partnerships and links with the projects labelled by the Union for the Mediterranean, project preparation facilities in particular MESHIP phase II and with the next phase of the ENPI-SEIS project on environmental information systems, whereas its work plan will be coherent with, and supportive of, the Barcelona Convention and its Mediterranean Action Plan.

The overall objective of the Program is to contribute to reduced marine pollution and a more sustainable use of scarce water resources. The Technical Assistance services are grouped in 6 work packages: WP1. Expert facility, WP2. Peer-to-peer experience sharing and dialogue, WP3. Training activities, WP4. Communication and visibility, WP5. Capitalizing the lessons learnt, good practices and success stories and WP6. Support activities.

## 2 INTRODUCTION

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A total of 15 (fifteen) regional on-site training activities with participants from most Partner Countries were incorporated in the Project Work Plan.

This regional training was implemented under the H2020 Component of the project and clustered in the Project Work Plan under WP3, REG-1 'Overview of the developments in Europe and the Mediterranean on Marine Litter monitoring. Correlations with policies dealing with the use of plastics'. It was implemented in close connection with the Peer-to-Peer activity under WP2, P2P-3, on 'Management of Marine Litter with emphasis on related provisions/regulatory frameworks on plastic waste'. The Peers of this P2P were from the three countries implementing Marine Litter monitoring activities under the Expert Facility:



- Algeria: Characterization of marine and coastal litter on 14 coastal wilayas and support for the development of a national management plan for coastal waste and marine litter (EFH-DZ-4, EFH-DZ-5)
- Egypt: Assessment of marine litter in the Egyptian Mediterranean coastline and proposed management options (EFH-EG-3)
- Morocco: Strengthening participatory coastal management for the reduction of marine litter in the regions of Tangier-Tetouan-Al Hoceima and Rabat-Salé-Kénitra (EFH-MO-4).

A webinar took place in March 2018 to support the Peers in launching their spring monitoring activities. It is foreseen that one more webinar will take place in February 2019 open to include, beyond the Peers, representatives from the National Ministries responsible for designing the national marine litter monitoring programme in the other partner countries as well as other competent stakeholders.

The Marine Litter theme of the project covers the following:

- Enhancing the coordination on marine litter related aspects from monitoring and assessment approaches to prevention and mitigation measures, to concretely support the implementation of the Barcelona Convention Regional Plan for Marine Litter Management in the Mediterranean and the implementation of the European Union Marine Strategy Framework Directive.
- Complementing the UN Environment/MAP ongoing activities on marine litter focusing on the measures outlined in the Regional Plan e.g. prioritizing and showcasing measures; sharing best practices; developing guidelines, etc. An indicative list of priority measures include: the reduction of plastic bags; deposit refund schemes for beverage packaging; ALDFG (Abandoned, Lost or Discarded Fishing Gear) management schemes; legal and economic instruments and incentives to implement circular economy; Extended Producer Responsibility schemes; the no-special fee system; adopt a beach, etc.
- Building synergies with the EU-funded Marine Litter MED project, implemented and coordinated by UN Environment/MAP covering a period of three years (June 2016 – June 2019).
- Capitalizing on and replicating successful EU (and other) funded initiatives implemented on the science-policy-society interface such as the Interreg Med ACT4LITTER project, the IPA-Adriatic DeFishGear project, the FP7 MARLISCO, etc.
- Advancing and strengthening the implementation of major upcoming programmes such as the 'Plastic Busters for a Mediterranean litter free' project, labeled in 2016 under the Union for the Mediterranean and the recently launched CBC-Med 'Plastic Busters MPAs' project.



### 3 REGIONAL CONTEXT

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Marine litter - any persistent, manufactured or processed solid material discarded, disposed of or abandoned in the marine and coastal environment - is globally acknowledged as a major societal challenge of our times due to its significant environmental, economic, social, political and cultural implications. Marine litter negatively impacts coastal and marine ecosystems and the services they provide, ultimately affecting people's livelihoods and well-being.

Marine litter in the Mediterranean Sea has been acknowledged as a critical issue and it is widely accepted that it is one of the most affected seas by marine litter worldwide (UN Environment/MAP, 2015). In the past few years our understanding of the marine litter problem in the Mediterranean has been substantially enhanced, with several studies shedding light on the amounts, distribution, sources and impacts of marine litter in the region. However marine litter information in the Mediterranean still remains inconsistent and geographically restricted to the Northern Mediterranean countries. The need for accurate, coherent and comparable scientific data on marine litter in the Mediterranean countries is evident in order to set priorities for action and address marine litter effectively, thus ensuring the sustainable management and use of the marine and coastal environment of the region.

The Regional (REG-1) workshop aimed to support the implementation in the beneficiary countries of the obligations and measures relevant to the Barcelona Convention Regional Plan for Marine Litter Management in the Mediterranean. More specifically, the activities supported beneficiary countries in: integrating marine litter measures into the LBS National Action Plan in line with Article 7 of the Regional Plan; assessing marine litter in their coastlines in line with Article 11 of the Regional Plan; designing marine litter monitoring programmes in line with Article 12 of the Regional Plan; supporting the implementation of the Regional Plan the Integrated Monitoring and Assessment Programme of the Mediterranean Sea and Coast and Related Assessment Criteria (IMAP – Decision IG.22/7) through technical assistance and capacity building in line with Article 15 of the Regional Plan.

Marine Litter has also been acknowledged as a major threat in many Mediterranean Marine Protected Areas (MPAs) hampering the achievement of their conservation goals. MPA Managers lack the tools and knowledge to effectively address the issue at their level and prevent the problem from getting worse. In view of this, **SWIM-H2020 SM joined forces with the Interreg Med project ACT4Litter** (<https://act4litter.interreg-med.eu/>) **which aimed to facilitate efforts for tackling marine litter in Mediterranean MPAs through effective and targeted measures towards reaching their conservation targets.** The ACT4LITTER Closing Conference took place on the 24<sup>th</sup> of October and was the first day of REG-1. This way the SWIM-H2020 SM trainees benefited from the outcomes and lessons learned of this 2-year project.



## 4 OBJECTIVES

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The overall aim of REG-1 was to bring together the key stakeholders from the beneficiary countries with selected experts and provide a high-level collective learning experience in order to strengthen the implementation in the beneficiary countries of the obligations and measures relevant to the Regional Plan for Marine Litter Management in the Mediterranean of the Barcelona Convention.

The specific objectives of these activities were to:

- Provide the participants with a complete and comprehensive introduction of the Regional Plan for Marine Litter Management in the Mediterranean of the Barcelona Convention, its requirements and obligations. Throughout the workshop emphasis will be given to the practical implementation of the marine litter related indicators adopted within the Barcelona Convention Integrated Monitoring and Assessment Programme of the Mediterranean Sea and Coast and Related Assessment Criteria (IMAP – Decision IG.22/7).
- Enable, encourage, and facilitate dialogue and exchange of experiences between participants from the beneficiary countries on marine litter monitoring and management measures;
- Promote sharing of best practices and facilitate synergies and complementary activities within the Mediterranean with regards to marine litter monitoring and management measures;
- Facilitate the peer-to-peer process for experience sharing at regional level and knowledge transfer on marine litter monitoring and share the lessons learned at the regional workshop.

The first day of the training was the ACT4LITTER closing conference.

## 5 EXPECTED RESULTS

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The expected outcomes of REG-1 were:

- Enhanced understanding of key issues (technical, environmental, economic, health, cultural and social) related to marine litter;
- Deepened knowledge on the Barcelona Convention Regional Plan for Marine Litter Management in the Mediterranean and the three marine litter indicators adopted within the Barcelona Convention Integrated Monitoring and Assessment Programme of the Mediterranean Sea and Coast and Related Assessment Criteria (IMAP – Decision IG.22/7);
- Improved knowledge and understanding of appropriate marine litter monitoring schemes and methodologies;
- Strengthened capacities to monitor marine litter on beaches in a harmonized way and also enhanced skills to process the marine litter datasets and identify the marine litter sources.
- Strengthened implementation of the Barcelona Convention Regional Plan for Marine Litter Management in the Mediterranean.





- A peer-to-peer process for experience sharing at the regional level and knowledge transfer on marine litter monitoring and marine litter management.
- A continuing regional dialogue on marine litter monitoring and marine litter management issues among and between decision makers, practitioners, experts, NGOs and international technical experts, catalysing the development of synergetic activities, regional cooperation, etc.

Overall, the workshop was successful and accomplished its expected targets. The first day of the training (the closing conference of ACT4LITTER) showcased to the participants the collective response of the Mediterranean to curb the problem of marine litter. The event brought forward recent scientific advances with regards to marine litter and its impacts in the region and provided an opportunity to key stakeholder groups active on the science-policy-society interface to share their compelling stories and hands-on experiences. The conference featured initiatives that address the whole management cycle of marine litter, from prevention, monitoring and surveillance to mitigation measures, carried out at European, Mediterranean, national and local level. Special emphasis was given to litter that is building up in what should be pristine coastal and marine protected areas, where marine biota and endangered species dwell. Working together at all levels is what it takes to deal with this 'wicked' problem. In the second day of the regional training the participants had the opportunity to exchange their experiences on marine litter monitoring and management through a highly dynamic, comprehensive, interactive, facilitated and participatory approach.

## 6 PROFILE OF THE PARTICIPANTS

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In accordance with Terms of Reference of the activity, this workshop targeted the following stakeholders:

- Representatives of the national ministries, responsible for designing the national marine litter monitoring programme as well as the marine litter programme of measures;
- Representatives of research Institutes and academia, working on the issue of marine litter monitoring;
- Representatives of local or regional public authorities, association of cities or equivalent, in charge of keeping the beaches clean and/or managing waste and/or involved in designing/implementing the waste management plan;
- Representatives of NGOs or other civil society organisations working in the field of carrying out beach litter surveys or interested in performing marine litter monitoring.

More than 130 dedicated marine litter practitioners attended the final conference of ACT4LITTER, held on October 24th in Athens, to celebrate the end of a successful project and spark dialogue, ideas for the future and synergies on dealing with the issue of marine litter in Mediterranean Marine Protected areas. As can be seen from the list of participants (see Annex 8.2), the second day of the training was attended by a total of 46 participants (including the SWIM-H2020 SM representatives), out of which some 40% were NGO representatives, 22% were government agencies, 15% were ministry representatives, 7% were from



research institutes, one participant was from an international organization and one from a local authority (see Figure 3).

Figure 1. Participants profile

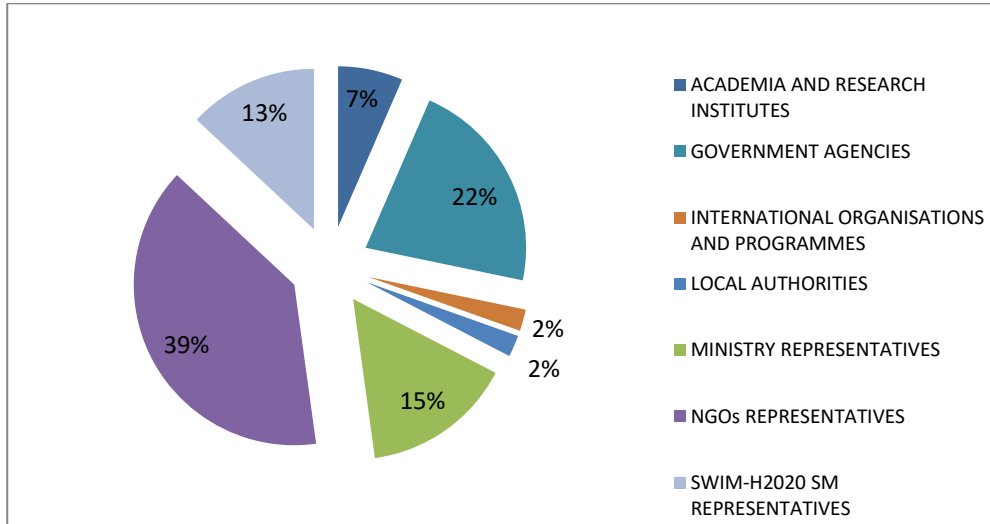
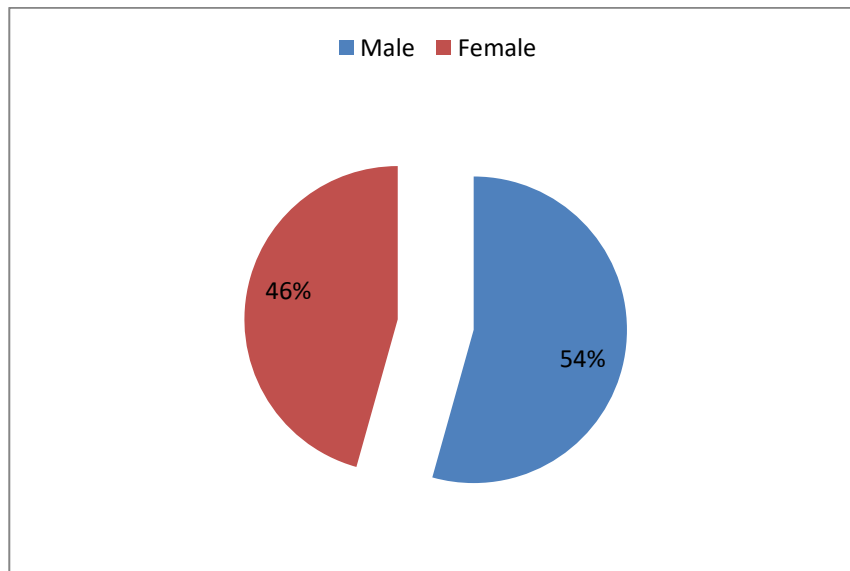


Figure 2. Gender statistics of the workshop participants





## 7 EVALUATION OF THE TRAINING

### 7.1 FEEDBACK FROM THE TRAINEES (EVALUATION FORMS)

#### **Feedback on Organisational, administrative and planning issues before and during the event**

A set of 10 criteria; A1-A10 (See table below) was assessed by the participants, using a qualitative description ranging between “Excellent” to “Poor”, with an opportunity to provide suggestions for improvement. For the sake of comparison, the qualitative descriptions are given Series Numbers as follows: Excellent =4, Good = 3, Average = 2, Poor = 1)

Table 1 – Training rating results related to organizational, administrative and planning issues

A. ORGANISATIONAL, ADMINISTRATIVE AND PLANNING ISSUES BEFORE AND DURING THE EVENT		EXCELLENT	GOOD	AVERAGE	POOR	Total Replies	Average Score (max = 4)
A1	Appropriate handling of invitations, visa support, information sharing and smoothing obstacles	21	6	0	0	27	3.78
A2	Efficient logistics: accommodation, transportation, location of venue and interpretation	9	15	2	0	26	3.27
A3	Provision of support (if requested) for participants’ preparation for the event	12	16	0	0	28	3.43
A4	Efficient and effective follow-up of preparations and progress towards the event	11	16	1	0	28	3.36
A5	Planning for the event: selection and design of methodology, programme/daily agenda and work rules	9	15	3	0	27	3.22
A6	Smooth flow of programme, efficient handling of emerging needs and attentiveness to participants concerns	9	17	2	0	28	3.25
A7	Presentations correspond and contribute to the planned objectives and are conducive to enhanced shared understanding and participation on addressed topics	11	14	2	0	27	3.33
A8	Clarity, coverage and sufficiency of concepts, objectives, anticipated outputs and outcomes	12	15	1	0	28	3.39
A9	The materials distributed were helpful	6	14	5	0	25	3.04
A10	Efficient and effective facilitation	9	18	1	0	28	3.29
A11	Overall rating of the event	9	17	2	0	28	3.25

See also the corresponding graphs for Table 1 in Annex 9.3.



**Feedback on technical aspects**

Figure 1- Training coverage

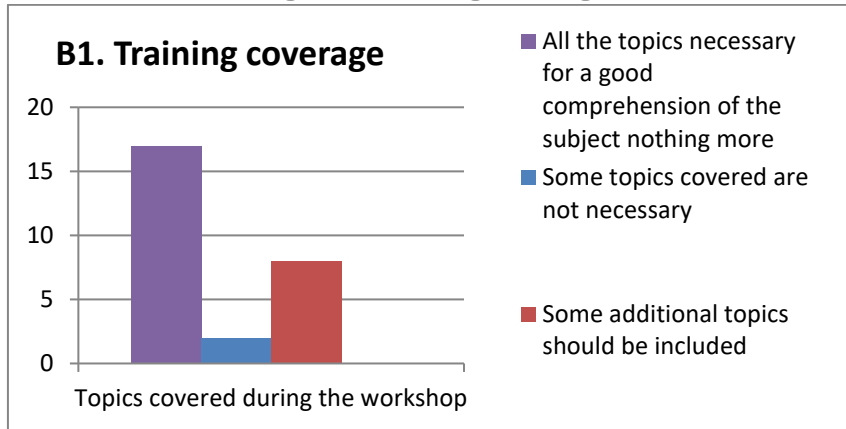


Figure 2 – Training difficulty

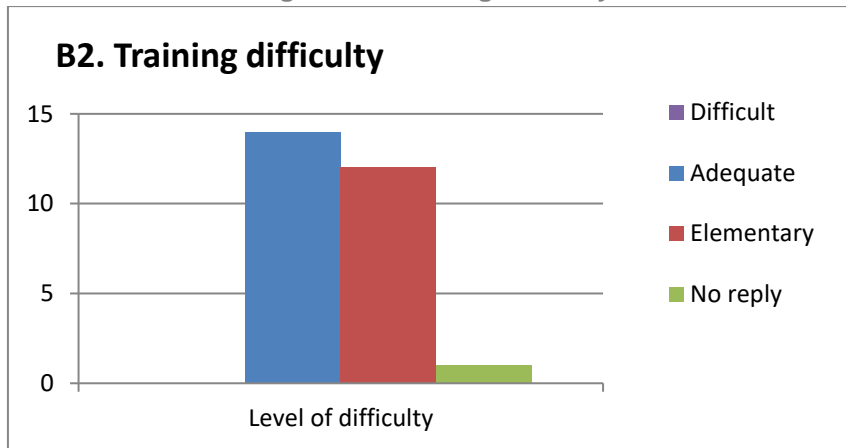
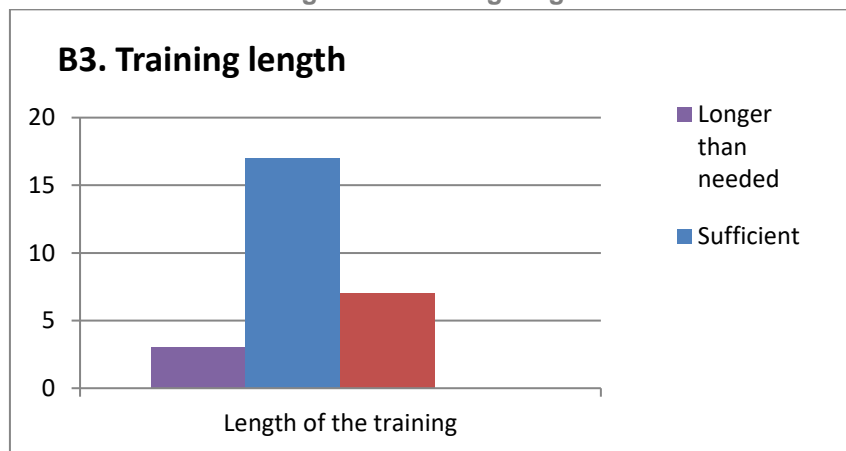


Figure 3- Training length



**Participants replies to the open-ended questions**

(see more in Table 2 in Annex 9.3)



## 7.2 REMARKS BY THE TRAINERS

A set of 9 criteria; C1-C9 (see table below) were used by the NKE in order assess the impact of the event.

C1	Efficient and effective performance and interaction by participants	The workshop was highly engaging and many issues were discussed. It was considered of high added value for the trainees, extremely effective and efficient
C2	Efficient and effective cooperation and team spirit	The participants were very active during the interactive sessions, engaged with the topics and their contributions to the discussions were very extensive and valuable.
C3	Level of achievement of planned objectives	The planned objectives of the event were achieved to a large extent
C4	Did the event contribute to helping participants practice skills or gain knowledge related to course concepts	The event was of high added value for the participants as it deepened their understanding and appropriate approached to monitor and manage marine litter.
C5	What worked well during the event	The exchange of experiences between participants from the beneficiary countries on marine litter monitoring and management measures;
C6	What didn't work well and why	Everything ran smoothly; the presentations and the breakout sessions were well appreciated.
C7	What components/concepts did participants seem to understand well	Participants understood very well all themes addressed.
C8	Were there any components/concepts that participants appeared to not understand	N/A
C9	What aspects of the event could be improved and what to be kept	All aspects of the event were well appreciated; however more time was needed in order to provide the participants more opportunities to discuss and exchange experiences.

## 8 OVERALL ASSESSMENT & CONCLUSIONS

The training evaluation received overall satisfactory notes. Most appreciated aspect was the organizational support (average: 3,78 or 94%). The second highest value is attributed to “Clarity, coverage and sufficiency of concepts, objectives, anticipated outputs and outcomes” (average: 3,39 or 85%), thus testifying how the planned objectives were fully reached. Participants obtained an enhanced understanding of key issues (technical, environmental, economic, health, cultural and social) related to marine litter; deepened their knowledge on the Barcelona Convention Regional Plan for Marine Litter Management in the Mediterranean; improved their knowledge and understanding of appropriate marine litter monitoring schemes and methodologies and strengthened their capacities to monitor marine litter on beaches in a harmonized way; enhanced their skills to process the marine litter datasets and identify the marine litter sources. The “Presentations correspond and contribute to the planned objectives and are conducive to enhanced shared understanding and participation on addressed topics”, the “Smooth flow of programme, efficient handling of emerging needs and attentiveness to participants concerns” and the “Efficient and



Effective Facilitation” were highly appreciated too (average: 3,29-3,33 or 80-83%). Participants expressed their satisfaction about the group work, the interactivity of the sessions and the opportunity to have fruitful and very active dialogue. In terms of the things that need to be improved, most of the participants (63%) indicated that the event’s length was sufficient, while quite a few participants (30%) felt that some additional topics could have been more explicitly addressed (i.e. the legislative aspects of the marine litter measures).



The combination of the training with the conference was of very high added value and it is suggested to any capacity building programme to seek out such opportunities whenever possible. The training itself also benefitted from the visibility actions of the ACT4Litter project.

All training ppts and materials are available at: <https://www.swim-h2020.eu/24-25-october-2018-athens-greece-swim-h2020-sm-regional-on-site-training-on-marine-litter-monitoring-and-management/>

The ACT4Litter Closing Conference’s report is annexed herewith (Annex 9.4)





## 9 ANNEXES

### 9.1 AGENDA

#### 24 October 2018 - The ACT4LITTER closing regional conference

*Venue: Central Building of the University of Athens, 30 Panepistimiou Ave.*

Time	Session	Description
09.15-09.45	Registration	
09.45-10.00	S01 –Welcome addresses and opening remarks	<ul style="list-style-type: none"> <li>Anastasia Roniotes, MIO-ECSDE Head Officer</li> <li>Magali Outters, Team Leader -- Policy Area, SCP/RAC</li> </ul>
10.00-11.00	S02 – Setting the scene	<ul style="list-style-type: none"> <li>The Marine Strategy Framework Directive and other EU policies to combat marine litter: Video message to the Closing Conference of the ACT4LITTER project – Karmenu Vella, European Commissioner for Environment, Fisheries and Maritime Affairs</li> <li>The Regional Plan on Marine Litter Management in the Mediterranean: where are we now?–Gaetano Leone, Coordinator of the UN Environment/Mediterranean Action Plan</li> <li>Marine litter in the Mediterranean: a synthesis of processes, initiatives and actors – Michael Scoullous, MIO-ECSDE Chairman &amp; SWIM-H2020 SM Team Leader</li> </ul>
11.00-11.30	Coffee break	
11.30-12.45	S03 – Advancing knowledge and actions to tackle marine litter in Med MPAs: the ACT4LITTER showcase	<ul style="list-style-type: none"> <li>ACT4LITTER in a nutshell – Ignasi Mateo, SCP/RAC Project Manager</li> <li>The ACT4LITTER participatory science case study – Thomais Vlachogianni, MIO-ECSDE Programme Officer</li> <li>The ACT4LITTER decision-making tool: a tool for supporting practitioners against marine litter – Silvia Sarti &amp; Alessandra Borghini, SSSUP</li> <li>The ACT4LITTER pilots and the joint plan for action – Thomais Vlachogianni, MIO-ECSDE Programme Officer &amp; Pierre Vignes, MEDPAN Project Officer</li> </ul>
12.45-13.45	Lunch break	
13.45-15.15	S04 – Thinking globally & acting locally: sharing local experiences on how to curb marine litter	<ul style="list-style-type: none"> <li>Into the wild combat against marine litter: an MPA manager perspective –Gloria García, Cabo de Gata-Nijar Natural Park, Spain &amp; Xavier Abril, Delta de l’Ebre Natural Park, Spain</li> <li>Marine litter in the Kornati National Park–Martina Markov, Marine Biologist, Kornati National Park, Croatia</li> <li>Fighting marine litter in the Mediterranean coastline of Morocco: a story from the south –Khaoula Lagrini, Unit in charge of the coast, Direction of programmes implementation, State Secretariat for Sustainable Development, Morocco</li> <li>Addressing the issue of tourism waste in Mediterranean islands – Francesco Lembo, ACR+ Programme Officer</li> <li>FreiburgCup - a reusable coffee to go cup for a city – Peter Krause, Waste Management Company of Freiburg, Germany</li> </ul>



15.15-15.30	Coffee break	
15.30-16.45	S05 – Working together at all levels to combat marine litter	<ul style="list-style-type: none"> <li>• Marine Litter Management Best Practices – Christos Ioakeimidis, Marine Litter Expert, UN Environment/Mediterranean Action Plan</li> <li>• The Plastic Busters MPAs project – Cristina Fossi, Plastic Busters Scientific Coordinator, University of Siena, Italy</li> <li>• Reducing plastic pollution through innovation: best practices for creative upcycling – Alex Filippidis, Project Manager, Precious Plastic Greece</li> <li>• Plastics in the circular economy – Juan Ruiz, PlasticsEurope Iberica</li> </ul>
16.45-17.00	S06 – Wrap up and closure	<ul style="list-style-type: none"> <li>• Michael Scoullou, MIO-ECSDE Chairman</li> <li>• Magali Outters, Team Leader -- Policy Area, SCP/RAC</li> </ul>
20.00	Networking dinner at the Divani Acropolis Palace roof garden	

## 25 October 2018

*Venue: Divani Palace Acropolis, 19 Parthenonos Str.*

Time	Session	Description	Speaker(s)
09.15-09.30	Welcome	Welcoming remarks Agenda overview	Dr. Thomais Vlachogianni, SWIM-H2020 SM/MIO-ECSDE marine litter expert
09.30-11.00	Monitoring marine litter	Brief overview of the SWIM-H2020 SM marine litter monitoring related activities Brief overview of the UN Environment/MAP-MEDPOL marine litter monitoring activities Pilot beach litter monitoring in Egypt: highlights and lessons learned Pilot marine litter monitoring activities in Algeria: highlights and lessons learned <i>Discussion</i>	Dr. Thomais Vlachogianni, SWIM-H2020 SM/MIO-ECSDE marine litter expert Ms. Jelena Knezevic, UN Environment MAP/MEDPOL Programme Officer & Christos Ioakimeidis, UN Environment MAP marine litter expert Dr. Sameh Ayoub, Egyptian Environmental Affairs Agency - Ministry of Environment <i>Speaker to be confirmed</i>
11.00-11.30	Coffee break		
11.30-13.00	Marine litter management showcases	Reducing the use of plastic bags in Tunisia: challenges and lessons learned Piloting the adopt-a-beach scheme in Morocco: challenges and lessons learned Implementing the fishing for litter in Egypt: challenges and lessons learned Banning single-use plastic bags in Israel: challenges and lessons learned <i>Discussion</i>	Mr. Larbi Bouguerra, Agence Nationale de Protection de l'Environnement Mr. Abid Abdeslam, National Laboratory of Studies and Pollution Monitoring, Morocco Dr. Sameh Ayoub, Egyptian Environmental Affairs Agency - Ministry of Environment Dr. Dror Zurel, Marine monitoring and research coordinator, Israel Ministry of Environmental Protection





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<b>13.00-14.00</b>	<b>Lunch break</b>		
<b>14.00-15.15</b>	Prioritizing marine litter measures based on sound-scientific evidence	Simulation exercise in group work	Dr. Thomais Vlachogianni, SWIM-H2020 SM/MIO-ECSDE marine litter expert Francesco Lembo, ACR+ Programme Officer
<b>15.15-15.30</b>	Coffee break		
<b>15.30-16.30</b>	Prioritizing marine litter measures based on sound-scientific evidence (continued)	Group work results presented in plenary	All
<b>16.30-17.00</b>	Wrap up and closure	Reflections & concluding remarks, certificates, evaluation	All

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## 9.2 LIST OF PARTICIPANTS

### 24 October 2018 - The ACT4LITTER closing regional conference

No	First Name	Last Name	Organisation	Country
1.	Mohamed Ahmed	ABDELAZEEM	Balady Port Said Society for Protection of the Environment and Customer	EGYPT
2.	Abdeslam	ABID	Secrétariat d'Etat chargé du Développement Durable	MOROCCO
3.	Alaa	ABOU DAHER	SWIM-H2020 SM / MIO-ECSDE	GREECE
4.	Xavier	ABRIL	Ebro Delta Natural Park	SPAIN
5.	Ziyad	AL-ALAWNEH	Land and Human to Advocate Progress	JORDAN
6.	Imad	ALATRASH	Palestine Wildlife Society	PALESTINE
7.	Mohammad	ALFAOURI	Ministry of Environment	JORDAN
8.	Shehadeh	ALHAMDAN	Ministry of Environment	JORDAN
9.	Fayez	ALRAWASHDEH	Aqaba Special Economic Zone Authority (ASEZA)	JORDAN
10	Mário	ALVES	ACE- ETNIA	PORTUGAL
11	Danai	AMPLIANITI	SWIM-H2020 SM / MIO-ECSDE	GREECE
12	Aikaterini	ANASTASOPOULOU	Institute of Marine Biological Resources and Inland Waters/Hellenic Centre for Marine Research	GREECE
13	Gerasimi	ANASTASOPOULOU		GREECE
14	Konstantina	ANDREANIDOU	MEDASSET	GREECE
15	Sameh	AYOUB	Egyptian Environmental Affairs Agency (EEAA)	EGYPT
16	Antonios	BARNIAS	Management Body of Samaria National Park	GREECE
17	Jelena	BASTA	Blue World Institute of Marine Research and Conservation	CROATIA
18	Abdelhamid	BELEMLIH	SPANA	MOROCCO
19	Habib	BEN BOUBAKER	Association de Sauvegarde de la Medina et du Patrimoine de Kelibia	TUNISIA
20	Romina	BICOCCHI	Legambiente - Circolo Festabiente	ITALY
21	Emanuele	BIGAGLI	PANACeA	GREECE
22	Georges	BITAR	Live Love Beirut	LEBANON
23	Patrizia	BONELLI	Institute for Environment Scholé Futuro	ITALY
24	Andrea	BORIC	Blue World Institute of Marine Research and Conservation	CROATIA
25	Sara	BOU KAMEL	Lebanon Eco Movement	LEBANON
26	Aggelos	BOUGIOURIS	National and Kapodistrian University of Athens	GREECE
27	Larbi	BOUGUERRA	Agence Nationale de Protection de l'Environnement	TUNISIA
28	Najoua	BOURAOUI	APEDDUB	TUNISIA
29	Valentina	BRACANOV	Public Institution Kornati National Park	CROATIA
30	Stefan	CHROBOK	INTRASOFT International	GREECE
31	Anne-Gaelle	COLLOT	PlasticsEurope	BELGIUM
32	Marijana	CVIJETIC PIRSIC	EKO KVARNER	CROATIA
33	Fatma	DAGHER	Operation Big Blue Association	LEBANON
34	Andreu	DALMAU	SUBMON	SPAIN
35	Nikoletta	DIGKA	HCMR	GREECE
36	Ehab	EID	Royal Marine Conservation Society of Jordan (JREDS)	JORDAN



37	Mohammed Kamal	EL MKHIFI	Secrétariat d'Etat chargé du Développement Durable	MOROCCO
38	Elli	ELEFThERIADI	National and Kapodistrian University of Athens	GREECE
39	Milad	FAKRI	National Centre for Marine Sciences – National Council for Scientific Research	LEBANON
40	Alex	FILIPPIDIS	Precious Plastic Greece	GREECE
41	Maria Cristina	FOSSI	University of Siena, Department of Physical Sciences, Earth and Environment	ITALY
42	Carlo	FRANZOSINI	SHORELINE	ITALY
43	Odei	GARCIA GARIN	University of Barcelona and HCMR	SPAIN
44	Gloria	GARCIA HOYO	Junta de Andalucía / Cabo de Gata Natural Park/ UNESCO Global Geopark	SPAIN
45	Sarra	GHARBI	Agence Nationale de Gestion des Déchets	TUNISIA
46	Lucille	GUIHENEUF	ARC-SCP/RAC	SPAIN
47	Mohour Ibrahim	HASSAN	Egyptian Environmental Affairs Agency (EEAA)	EGYPT
48	Mohamed Gamaleldin	HASSANIN IBRAHIM	Egyptian Environmental Affairs Agency (EEAA)	EGYPT
49	Fadlallah	HASSOUNA	Development for People and Nature Association - DPNA	LEBANON
50	Fadi	IBRAHIM EL HUSSEINI	Amwaj for the Environment	LEBANON
51	Christos	IOAKIMEIDIS	UN Environment MAP	GREECE
52	Youssef	JINDI	Beam of the Environment Association (BEA), Lebanon Diving Center	LEBANON
53	Loukia	KALAITZI	MEDASSET	GREECE
54	Eleni	KAMPERI	HCMR	GREECE
55	Natassa	KANNAVOU	Municipality of Piraeus, Executive City Councillor's Office for Local Economic Growth & Entrepreneurship	GREECE
56	Ioannis	KARAGIORGOS	National and Kapodistrian University of Athens	GREECE
57	Hrissi	KARAPANAGIOTI	Department of Chemistry, University of Patras	GREECE
58	Eleni	KATSIRODI	Management board of Schinias Marathon National Park	GREECE
59	Mouna	KETATA	Agence de Protection et d'Aménagement du Littoral	TUNISIA
60	Lotfi	KHALFAOUI	Association Nationale de Développement Durable et de la Conservation de la Vie Sauvage (ANDDCVS)	TUNISIA
61	Jelena	KNEZEVIC	UN Environment MAP/MEDPOL	GREECE
62	Stavroula	KORDELLA	University of Patras	GREECE
63	Konstantinos	KOUMPIS	Management board of Schinias Marathon National Park	GREECE
64	Peter	KRAUSE	Waste Management Company of Freiburg	GERMANY
65	Hiam	KREIDIEH	Window to environment	LEBANON
66	Spiridoula	KRESSOU	National and Kapodistrian University of Athens	GREECE
67	Celine	LABBE	UMARINU	FRANCE
68	Khaoula	LAGRINI	Direction of programmes implementation, State Secretariat for Sustainable Development	MOROCCO
69	Saber	LAKRANBI	Laboratoire Public d'Essais et d'Etudes (LPEE)	MOROCCO



70	Farhat	LAMINE	Agence Nationale de Protection de l'Environnement	TUNISIA
71	Konstantinos	LAZOGIANNIS	Department of Geology and Geoenvironment , NKUA	GREECE
72	Petros	LEIVADAROS		GREECE
73	Francesco	LEMBO	ACR+	BELGIUM
74	Gaetano	LEONE	UN Environment/Mediterranean Action Plan	GREECE
75	Javier	LLORENTE	TRAGSATEC – Cala Rajada marine reserve service	SPAIN
76	Sila	LOPEZ	Spanish Association of Marine Litter	SPAIN
77	Islam	MAGAYREH	Jordanian Society For Desertification Control & Badia Development	JORDAN
78	Samanta	MAKOVAC	Public Institute Landscape Park Strunjan	SLOVENIA
79	Vasiliki	MANTZARA	MIO-ECSDE	GREECE
80	Martina	MARKOV	Public Institution Kornati National Park	CROATIA
81	Ignasi	MATEO RODRIGUEZ	ARC-SCP/RAC	SPAIN
82	Marie Therese	MERHEJ SEIF	Human Environmental Association for Development	LEBANON
83	Mehmet	METAJ	Albaforest Center	ALBANIA
84	Vasiliki	METHENITI		GREECE
85	Gabriella	MICHAIL	National and Kapodistrian University of Athens	GREECE
86	Marjeta	MIMA	ECAT Tirana	ALBANIA
87	Sallama	NAMANI	Makhzoumi Foundation	LEBANON
88	Walid	NOFAL	MIO-ECSDE	GREECE
89	Magali	OUTTERS	ARC-SCP/RAC	SPAIN
90	Gogo	PANAGOPOULOU	Department of Chemistry, National and Kapodistrian University of Athens	GREECE
91	Alexandros	PAPAIOANNOY	National and Kapodistrian University of Athens	GREECE
92	Aggelos	PAPANDREOU		GREECE
93	Olga	PAPATHANASOPOULOU	MIO-ECSDE	GREECE
94	Theodora	PARAMANA	Laboratory of Environmental Chemistry, National and Kapodistrian University of Athens	GREECE
95	Panagiota	PARASKEUOULAKOU-MPOKOLA		GREECE
96	Vasiliki	PARASKEVOPOULOU	Laboratory of Environmental Chemistry, Department of Chemistry, National and Kapodistrian University of Athens	GREECE
97	Galia	PASTERNAK	The israel Diving Federation, University of Haifa, Ocean Conservancy	ISRAEL
98	Marianthi	PATERAKI	National and Kapodistrian University of Athens	GREECE
99	Isabelle	POITOU	Association MerTerre	FRANCE
10	Vicky	RAE	MEDASSET	GREECE
10	Souhair	RAIES	Syrian Coast Society for Environmental Protection	SYRIA
10	Stella	RAPTI	Management board of Schinias Marathon National Park	GREECE
10	Maja	RESIC	Public Institution Lastovo Islands Nature Park	CROATIA
10	Anastasia	RONIOTI	SWIM-H2020 SM / MIO-ECSDE	GREECE
10	Juan	RUIZ	PlasticsEurope Iberica	SPAIN
10	Hashem A. H.	SALAH	Environment Quality Authority (EQA)	PALESTINE
10	Noha	SAMI	Egyptian Environmental Affairs Agency (EEAA)	EGYPT
10	Silvia	SARTI	Sant'Anna School of Advanced Studies	ITALY



10	Francesco	SAVERIO CIVILI	Freelancer	GREECE
11	Michael	SCOULLOS	MIO-ECSDE & SWIM-H2020 SM	GREECE
11	Yael	SEGAL ROZENBERG	Israel Oceanographic & Limnological Research, National Institute of Oceanography	ISRAEL
11	Mouna	SEKKAT	Secrétariat d'Etat chargé du Développement Durable	MOROCCO
11	Abdelmunem	SHEHAB	Environment Quality Authority (EQA)	PALESTINE
11	Miha	SKOCIR	Freelancer	SLOVENIA
11	Thanos	SMANIS	Pescares Italia srl	GREECE
11	Dimitra	SPATHARIDOU	Thalassa Foundation	GREECE
11	Antonia	THEODOSIOU	FEEO	CYPRUS
11	Eleana	TOULOUPAKI	MEDASSET	GREECE
11	Costas	TRIANTAFILLOU	HELMPEA	GREECE
12	Aggeliki	TRIKALITI		GREECE
12	Maria	TRIVOUREA	Management board of Schinias Marathon National Park	GREECE
12	Catherine	TSANGARIS	Hellenic Center for Marine Research (HCMR)	GREECE
12	Athanasios	VALAVANIDIS	Department of Chemistry, National and Kapodistrian University of Athens	GREECE
12	Dusan	VARDA	Mediterranean Center for Environmental Monitoring (MEDCEM)	MONTENEGRO
12	Stella	VARELTZIDOU	Thermaikos Gulf Protected Areas Management Authority	GREECE
12	Eirini	VASILAKI	Ministry of Environment and Energy	GREECE
12	Morgana	VIGHI	MEDSEALITTER project	SPAIN
12	Pierre	VIGNES	MedPAN	FRANCE
12	Thomas	VLACHOGIANNI	MIO-ECSDE	GREECE
13	Milan	VOGRIN	DPPVN	SLOVENIA
13	Eirini-Maria	VRETTOU	Department of Chemistry, National and Kapodistrian University of Athens	GREECE
13	Iris	WEBER	Eco Ocean	ISRAEL
13	Christina	ZERI	Institute of Oceanography, Hellenic Centre for Marine Research (HCMR)	GREECE
13	Dror	ZUREL	Israel Ministry of Environmental Protection	ISRAEL
13	Aurora	ZYLAJ	Association for Protection of Aquatic Wildlife of Albania (APAWA)	ALBANIA

## 25 October 2018

No	First Name	Last Name	Organisation	Country
1.	Ahmed	ABDELAZEEM	Balady Port Said Society for Protection of the Environment	EGYPT
2.	Abdeslam	ABID	Secrétariat d'Etat chargé du Développement Durable	MOROCCO
3.	Alaa	ABOU DAHER	SWIM-H2020 SM / MIO-ECSDE	GREECE
4.	Ziyad	AL-ALAWNEH	Land and Human to Advocate Progress	JORDAN
5.	Mohammad	ALFAOURI	Ministry of Environment	JORDAN
6.	Shehadeh	ALHAMDAN	Ministry of Environment	JORDAN
7.	Fayez	ALRAWASHDEH	Aqaba Special Economic Zone Authority (ASEZA)	JORDAN
8.	Danai	AMPLIANITI	SWIM-H2020 SM / MIO-ECSDE	GREECE
9.	Sameh	AYOUB	Egyptian Environmental Affairs Agency (EEAA)	EGYPT
10.	Georges	BITAR	Live Love Beirut	LEBANON
11.	Sara	BOU KAMEL	Lebanon Eco Movement	LEBANON
12.	Larbi	BOUGUERRA	Agence Nationale de Protection de l'Environnement	TUNISIA
13.	Marijana	CVIJETIC PIRSIC	EKO KVARNER	CROATIA



14.	Fatma	DAGHER	Operation Big Blue Association	LEBANON
15.	Ehab	EID	Royal Marine Conservation Society of Jordan (JREDS)	JORDAN
16.	Mohammed Kamal	EL MKHIFI	Secrétariat d'Etat chargé du Développement Durable	MOROCCO
17.	Milad	FAKRI	National Centre for Marine Sciences – National Council for Scientific Research	LEBANON
18.	Sarra	GHARBI	Agence Nationale de Gestion des Déchets	TUNISIA
19.	Mohour Ibrahim	HASSAN	Egyptian Environmental Affairs Agency (EEAA)	EGYPT
20.	Mohamed Gamaleldin	HASSANIN IBRAHIM	Egyptian Environmental Affairs Agency (EEAA)	EGYPT
21.	Fadlallah	HASSOUNA	Development for People and Nature Association - DPNA	LEBANON
22.	Christos	IOAKIMEIDIS	UN Environment MAP	GREECE
23.	Youssef	JINDI	Beam of the Environment Association (BEA), Lebanon Diving Center	LEBANON
24.	Mouna	KETATA	Agence de Protection et d'Aménagement du Littoral	TUNISIA
25.	Lotfi	KHALFAOUI	Association Nationale de Développement Durable et de la Conservation de la Vie Sauvage (ANDDCVS)	TUNISIA
26.	Hiam	KREIDIE	Window to Environment Association	LEBANON
27.	Celine	LABBE	UMARINU	FRANCE
28.	Khaoula	LAGRINI	Secrétariat d'Etat chargé du Développement Durable	MOROCCO
29.	Saber	LAKRANBI	Laboratoire Public d'Essais et d'Etudes (LPEE)	MOROCCO
30.	Farhat	LAMINE	Agence Nationale de Protection de l'Environnement	TUNISIA
31.	Fransesco	LEMBO	SWIM-H2020 SM / ACR+	BELGIUM
32.	Marie Therese	MERHEJ SEIF	Human Environmental Association for Development	LEBANON
33.	Sallama	NAMANI	Makhzoumi Foundation	LEBANON
34.	Walid	NOFAL	MIO-ECSDE	GREECE
35.	Galia	PASTERNAK	The israel Diving Federation, University of Haifa, Ocean Conservancy	ISRAEL
36.	Souhair	RAIES	Syrian Coast Society for Environmental Protection	SYRIA
37.	Anastasia	RONIOTI	SWIM-H2020 SM / MIO-ECSDE	GREECE
38.	Hashem A. H.	SALAH	Environment Quality Authority (EQA)	PALESTINE
39.	Noha	SAMI	Egyptian Environmental Affairs Agency (EEAA)	EGYPT
40.	Michael	SCOULLOS	SWIM-H2020 SM	GREECE
41.	Yael	SEGAL ROZENBERG	Israel Oceanographic & Limnological Research, National Institute of Oceanography	ISRAEL
42.	Mouna	SEKKAT	Secrétariat d'Etat chargé du Développement Durable	MOROCCO
43.	Abdelmunem	SHEHAB	Environment Quality Authority (EQA)	PALESTINE
44.	Thomais	VLACHOGIANNI	SWIM-H2020 SM / MIO-ECSDE	GREECE
45.	Iris	WEBER	Eco Ocean	ISRAEL
46.	Dror	ZUREL	Israel Ministry of Environmental Protection	ISRAEL



### 9.3 DETAILS ON THE RESULTS OF THE EVALUATION FORMS

The following graphs illustrate Table 1: Training rating results related to organizational, administrative and planning issues.

Figure 1 - Smooth/ Appropriate Handling

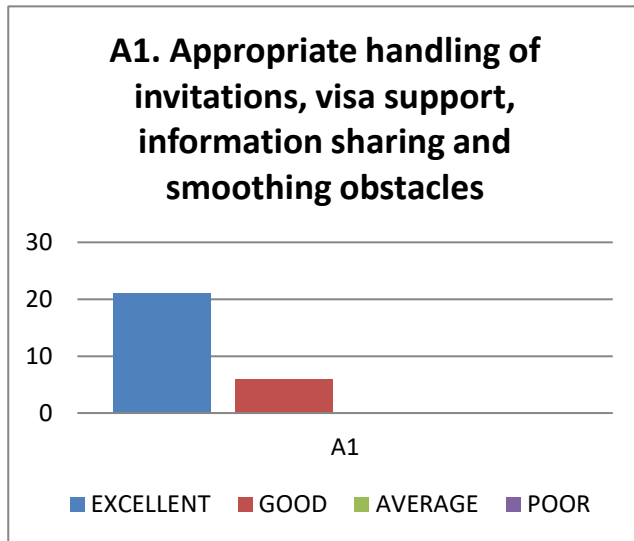


Figure 2 - Efficient Logistics

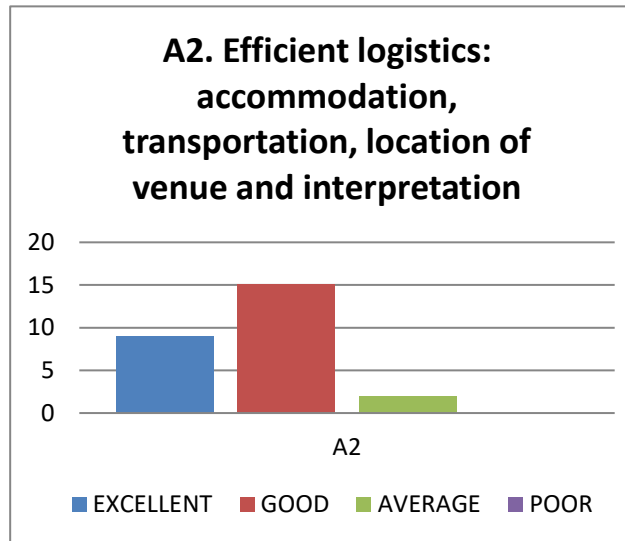


Figure 3 - Provision of Support

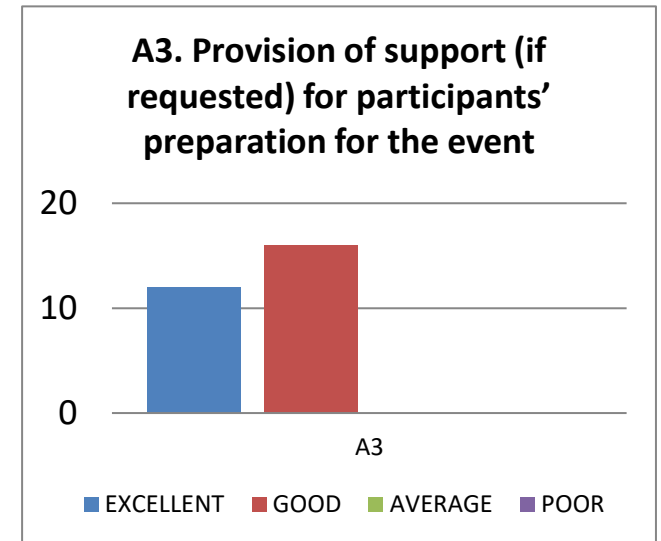




Figure 4 – Progress towards the event

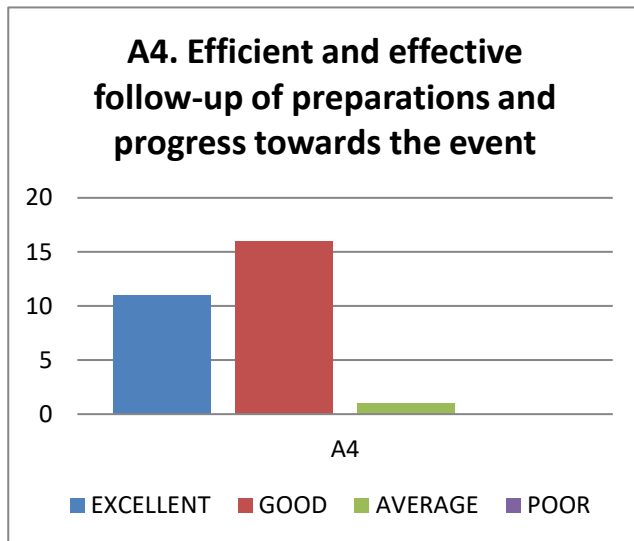


Figure 5 – Planning

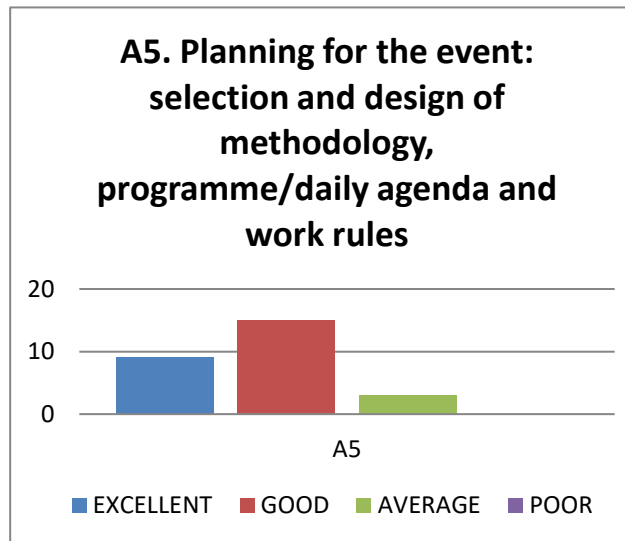


Figure 6 – Flow of program

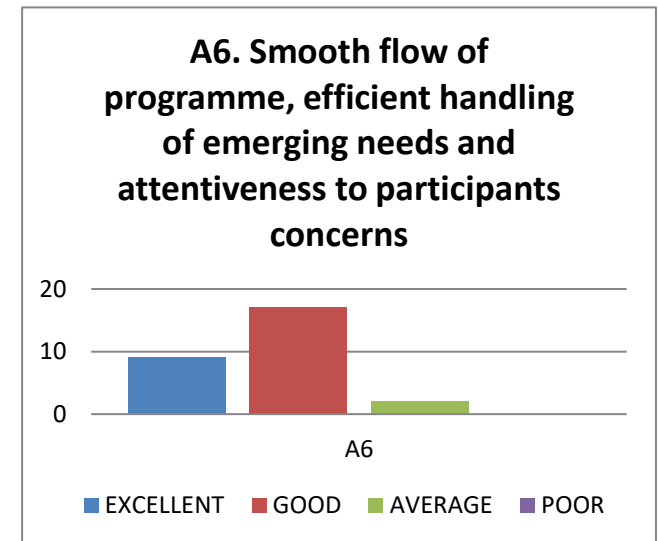






Figure 7 – Presentation and enhanced shared experience

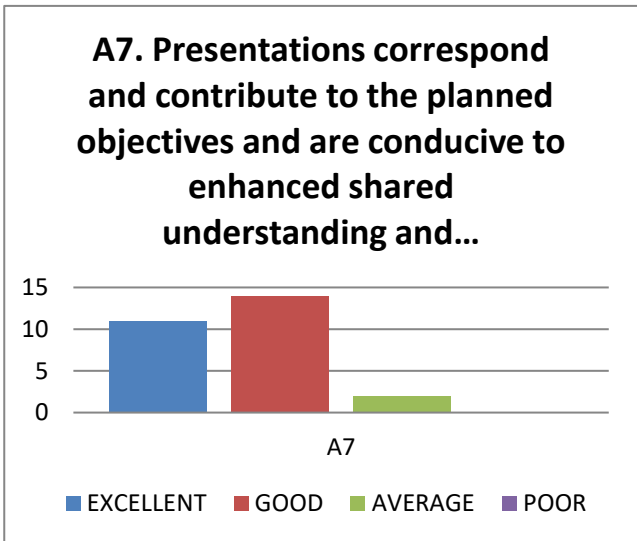


Figure 8 – Clarity and Sufficiency of concepts

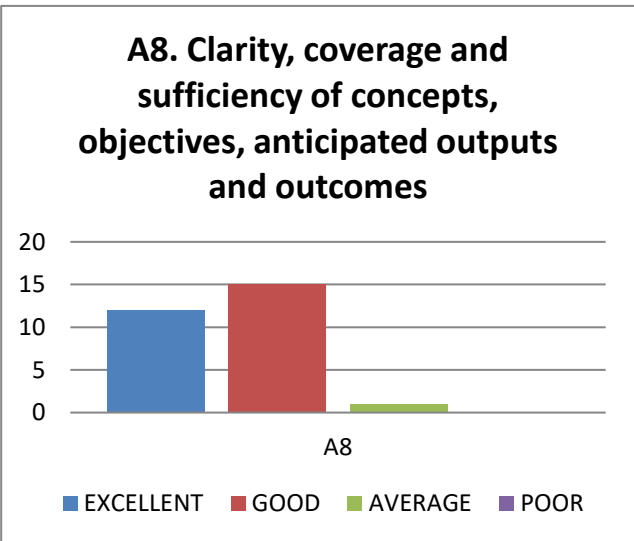


Figure 9 – Quality of materials

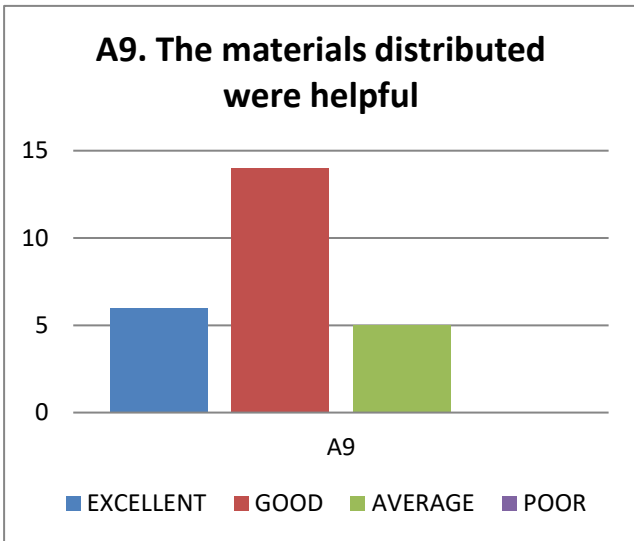




Figure 10 – Facilitation

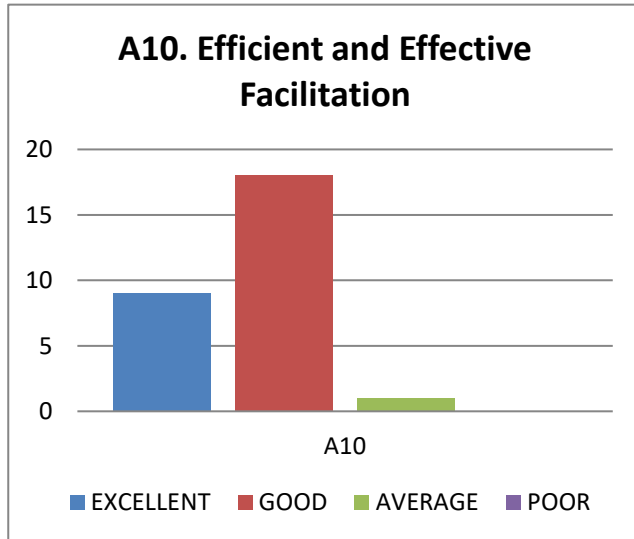


Figure 11 – Overall rating

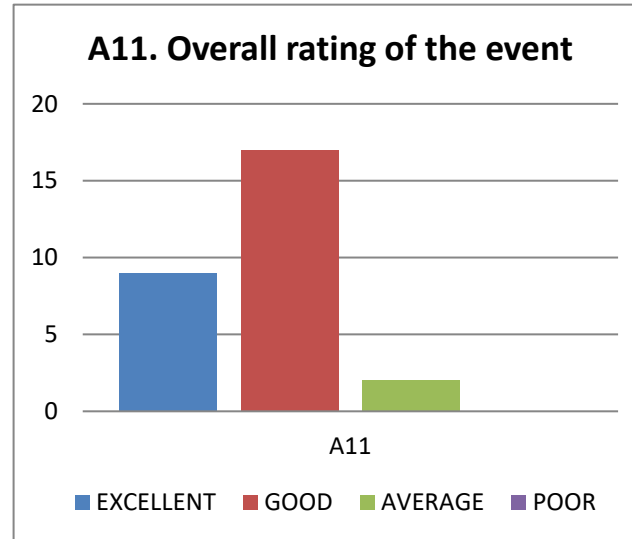




Table 2 - Participants' feedback on technical aspects of the training

B. FEEDBACK ON TECHNICAL ASPECTS		No. of replies
<b>B1</b>	<b>Coverage of the event.</b>	
	All the topics necessary for a good comprehension of the subject nothing more	17
	Some topics covered are not necessary	2
	Some additional topics should be included	8
	No reply	0
	<b>Total Replies</b>	<b>27</b>
<b>B2</b>	<b>Level of difficulty</b>	
	Difficult	0
	Adequate	14
	Elementary	12
	No reply	1
	<b>Total Replies</b>	<b>27</b>
<b>B3</b>	<b>Length of the training</b>	
	Longer than needed	3
	Sufficient	17
	Shorter than required	7
	No reply	0
	<b>Total Replies</b>	<b>27</b>

Table 3- Participants replies to the open-ended questions

Open-ended questions	Participant's replies
<b>B4</b> <b>What is the most valuable thing you learned during the workshop (knowledge or skills)?</b>	<ul style="list-style-type: none"> <li>▪ The lessons learned from each country and the scientific and policy advances related to marine litter.</li> <li>▪ Marine litter assessment methods.</li> <li>▪ Best practice measures to reduce plastic pollution.</li> <li>▪ How to identify tailor-made marine litter measures.</li> </ul>
<b>Total Replies</b>	<b>25</b>
<b>B5</b> <b>How do you think that the current event will assist you in your future work on the subject?</b>	<ul style="list-style-type: none"> <li>▪ It will facilitate efforts to detect the marine litter sources and subsequently guide the identification of targeted measures.</li> <li>▪ It will improve the quality of the work performed on the field.</li> <li>▪ It will assist in preparing comprehensive action plans for marine litter management.</li> </ul>
<b>Total Replies</b>	<b>26</b>
<b>B6</b> <b>Please indicate whether (and how) you could transfer part of the experience gained from the event to your colleagues in your country?</b>	<ul style="list-style-type: none"> <li>▪ Organize a meeting and discuss with colleagues.</li> <li>▪ Replicate the workshop's experience in collaboration with colleagues and other stakeholders.</li> <li>▪ Share data and information presented in the training event.</li> <li>▪ Organizing similar events.</li> </ul>
<b>Total Replies</b>	<b>21</b>



B7	<b>What did you like most about this event?</b>	<ul style="list-style-type: none"><li>▪ The topics and themes addressed and discussed.</li><li>▪ Information sharing in friendly atmosphere.</li><li>▪ Productive event, good ideas shared.</li><li>▪ High quality of the knowledge outputs shared.</li><li>▪ The group-work sessions.</li><li>▪ The participation and the engagement of the stakeholders from different sectors and countries.</li><li>▪ The well-elaborated presentations and the fact that this was a well-prepared event.</li><li>▪ Good experts.</li></ul>	
	<b>Total Replies</b>		<b>24</b>
B8	<b>What needs to be improved?</b>	<ul style="list-style-type: none"><li>▪ The duration needs to be extended.</li><li>▪ The training schedule needs to be followed more closely in terms of timing.</li><li>▪ Translation.</li><li>▪ More emphasis should be placed on legal and technical aspects with regards to marine litter management.</li></ul>	
	<b>Total Replies</b>		<b>20</b>



## 9.4 REPORT OF THE ACT4LITTER CLOSING CONFERENCE

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(separate attachment)