



Ministry of Transport



This project is funded by
the European Union

8th R.T Workshop & 7th Meeting of the Working Group on Integrated Maritime Policy in the Mediterranean

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IMP-MED Project National Coordinator

Brussels, 21-22-23 October 2014





Purpose of this document

- ❖ The main purpose of this document is to provide a **National IMP Work Plan** that describes an outlook of the concrete integrated maritime policy targets for Jordan over the next years.

- ❖ This exercise will also serve multiple purposes:
 1. allow partner countries to evaluate the strengths, weaknesses, opportunities, and threats involved in the development of an integrated approach to maritime affairs.
 2. help each partner country focus on what they plan to realistically achieve over the next few years.
 3. It will serve each partner country to specify concrete follow-up activities/ projects, identify national technical assistance needs.
 4. allow the EC to understand where the countries are heading and what progress they intend to achieve over the next years.
 5. National Work Plans could provide an important basis for the EC to ensure that financing is channelled in the appropriate way to future IMP challenges.



Integrated Maritime Policy For the Mediterranean

National IMP-MED Project Progress Final Report & Work Plan

*Ministry of Transport
Hashemite Kingdom of Jordan*

Eng. Qais T. Qaqzeh

**IMP-MED Project National Coordinator
Head of IMP National Steering Committee & Working-group**

10/20/2014

Chapter 1

Background and Objectives

Maritime Sector

Institutions & Organizations

International Cooperation

Institutions & Policies

Integrated Maritime Governance

Integrated instruments and tools

Following up Requested technical assistance

Proposing a new technical assistance aspects

SWOT analysis

Governance

Improving policy

International cooperation

IMP tools, measures

National maritime vision

Integrated operational instruments and tools

Anchorage Areas management

Maritime Spatial Planning (MSP) & Integrated Coastal Zone Management (ICZM).

Building Marine Knowledge.

Integrated surveillance for a safer and secure maritime space.

Chapter 2

Current Situation in Maritime Sector

Major maritime issues

Maritime activities

Maritime surveillance & monitoring

VTS in Aqaba

Marine environment

Research and knowledge

Coastal zones

Monitoring of the Jordanian Coast

Other issues

Maritime transport & ports

Pollution, Safety & risks

Fishing & Anchorage Area, Merchant marine

Oil and gas, Energy, Tourism & Maritime culture

Surveillance & Monitoring

- ✓ Water quality, Marine protected areas, and Biodiversity.
- ✓ Aqaba Marine Park
- ✓ Prince Hamzah pollution combat Centre.

- ✓ Climate change & natural risks.
- ✓ Strategy Analysis & Approach.
- ✓ Planning Approach.
- ✓ Development Strategies:
- ✓ Coastal Land-Use Designations:
- ✓ Water-Use Plan
- ✓ Future Challenges, Constraints.
- ✓ Improvements.

Chapter 3

Institutional and Organizational Analysis

Institutional and organizational framework

International & Regional cooperation

Maritime governance

- Maritime policies.
- Maritime governance structures.
- Public participation and access to information.
- Progress towards IMP.

Maritime Government institutions.

Laws & Regulations & Legislations.

National laws & ASEZA laws

Maritime regulations

- ✓ Regional cooperation activities
- ✓ PERSGA activities in the Gulf of Aqaba.
- ✓ Ballast water Ballast Water Management projects and Strategy
- ✓ Produced Persistent Organic Pollutants
- ✓ Djibouti Code of Conduct – Piracy information Unite (PIU)- IMO
- ✓ Sub-regional and bilateral cooperation
- ✓ International agreements and Organizations.

Chapter 4

Consideration of IMP-MED national Vision Development

The National working group & Steering committee for IMP.

IMP-MED Project Technical Assistance to Jordan.

- Working Group & Steering Committee Mechanism.
- Steering Committee Membership.
- Tasks of Steering Committee on IMP.

- TSS of Aqaba coasts.
- Maritime governance.
- Marine Use Plan for Aqaba.
- Environmental Monitoring System.

Chapter 5

Maritime Governance & Maritime Development in Aqaba

developing National Strategy & Improving Maritime Governance

Tools to promote maritime governance

Maritime Transport & Port Sector in Jordan

Aqaba Port & Coastal Zone Community Institutional Framework

Performance of Ports & Maritime Transport Activities

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Aqaba Port Community Master Plan

The New Port of Aqaba

- **Reasons for Ports Development.**
- **Ports Competitiveness Enhancement.**
- **Ports Projects Master Plans Implementation.**
- **Transport & Logistics**
- **Development Prospective.**
- **North and middle port Master Plan.**
- **Aqaba Container Terminal.**
- **South Port Master Plan.**
- **New Port.**

Chapter 6

IMP-MED Project Action Plan for Jordan (2015-2020)

Improve Governance of Maritime Affairs

Encourage of regional cooperation

Improving further awareness raising on IMP

Activating the National steering Committee

Following up & Supporting Technical Assistance

National Coordination

Permanent capacity building of IMP-MED S.C

Annual Report on IMP- MED Progress

Data Collection and Management

**Implementation an Integrated Maritime
Policy Communications Plan.**

IMP-MED Project Action Plan for Jordan (2015-2020)

No	Target	Actions, Activities, Procedures And Programmes	Period		Responsibility	Priority			Indicator
			F	T		H	M	L	
1	Improve Governance of Maritime Affairs.	<ul style="list-style-type: none"> ✓ Encourage a more integrated and coordinated approach to maritime governance at appropriate levels. ✓ Increase knowledge of policies and instruments related to IMP. ✓ Promoting the elaboration of National maritime policies. ✓ monitoring mechanism and collection of performance data for centralized database to measure progress and make proposals for improvement. 	Jan 2016	Dec 2020	<ul style="list-style-type: none"> ✓ IMP-MED steering Committee & National working group team. ✓ Maritime sector affiliated Parties. ✓ Environmental Organization. 				<ul style="list-style-type: none"> ✓ Monitoring reports on performance and improvement. ✓ Particle Procedures Applied to Enhance Maritime Governance.

No	Target	Actions, Activities, Procedures And Programmes	Period		Responsibility	Priority			Indicator
			F	T		H	M	L	
2	Encourage of regional cooperation in maritime matters by addressing gaps in implementation of agreed rules	<ul style="list-style-type: none"> ✓ Building Communication plans and dissemination with neighbouring Countries. ✓ Dedicated Seminars & Workshops on Regional level. ✓ Building on existing co-operation processes and initiatives both at regional and sub-regional levels. ✓ Selection of key case studies for experience sharing. ✓ Launch processes in partner countries which can develop IMP. ✓ Exchange of best practices amongst partner countries. ✓ Encourage a framework that applies integrated approach. 	Jan 2015	Dec 2020	<ul style="list-style-type: none"> ✓ IMP-MED steering Committee & National working group team. ✓ Maritime sector affiliated Parties. ✓ Environmental Organizations. 				<ul style="list-style-type: none"> ✓ Number of training events, workshops, field visits and study tours organized. ✓ Number of shared case studies for experience. ✓ Achieved Exchanged best practices amongst partner countries.

No	Target	Actions, Activities, Procedures And Programmes	Period		Responsibility	Priority			Indicator
			F	T		H	M	L	
3	<p>Improving further awareness raising in all the National parties of the maritime assets both at institutional and non-institutional level.</p> <p>Raising awareness of existing activities and possibilities for meeting the objectives of IMP.</p>	<ul style="list-style-type: none"> ✓ Dedicated Seminars & Workshops on national level. ✓ Develop public awareness campaign package. ✓ Working Together to have an independent Web-Site for the Project in the future and Make all publications available on. ✓ Elaborate monitoring reports and disseminate them. ✓ Development of IMP Manuals, Brochures, leaflets and other Publications. ✓ Develop effective channels for information exchange. 	Jan 2015	Dec 2020	<ul style="list-style-type: none"> ✓ IMP-MED steering Committee & National working group team. ✓ Maritime sector affiliated Parties. ✓ Environmental Organizations. 				<ul style="list-style-type: none"> ✓ Number of training events, workshops, field visits and study tours organized. ✓ Number of Developed IMP Manuals, Brochures, leaflets and other Publications. ✓ Number of Elaborated monitoring reports.

No	Target	Actions, Activities, Procedures And Programmes	period		Responsibility	Priority			Indicator
			F	T		H	M	L	
4	<p>Activating, Improving and Developing the role of the National steering Committee of IMP-MED Project to remove Obstacles & relieve gabs in Maritime Sector.</p>	<ul style="list-style-type: none"> ✓ Coordinating and supporting the Meetings of IMP-NSC. ✓ Work collaboratively to develop and Improve the national plan of actions. 	Jan 2015	Dec 2020	<ul style="list-style-type: none"> ✓ IMP-MED steering Committee & National working group team. ✓ Maritime sector affiliated Parties. ✓ Environmental Organizations. 				<ul style="list-style-type: none"> ✓ Number of Meetings of IMP-NSC. ✓ development and Improvement to the national plan of actions. ✓ Monitoring reports on performance and improvement.

No	Target	Actions, Activities, Procedures And Programmes	period		Responsibility	Priority			Indicator
			F	T		H	M	L	
5	Following up & Supporting Technical Assistance & capacity building.	<ul style="list-style-type: none"> ✓ Following up the forth approved technical assistance aspects of: <ol style="list-style-type: none"> 1. TSS off Aqaba coasts. 2. Maritime governance. 3. Marine Use Plan for Aqaba. 4. Environmental Monitoring. ✓ Proposing New technical assistance aspects of: <ol style="list-style-type: none"> 5. Anchorage Areas management. 6. Maritime Spatial Planning (MSP) & Integrated Coastal Zone Management (ICZM). 7. Building Marine Knowledge. 8. Integrated surveillance for a safer and secure maritime space. ✓ Identify case studies in maritime policy based on identified needs. 	June 2015	Dec 2020	<ul style="list-style-type: none"> ✓ IMP-MED steering Committee & National working group team. ✓ Maritime sector affiliated Parties. ✓ Environmental Organizations. 				<ul style="list-style-type: none"> ✓ Number of training events, workshops, field visits and study tours organized. ✓ Number of beneficiary participants. ✓ Number of achieved Technical assistance aspects. ✓ Number of Identified case studies in maritime policy.

No	Target	Actions, Activities, Procedures And Programmes	period		Responsibility	Priority			Indicator
			F	T		H	M	L	
7	Permanent capacity building of IMP-MED Steering Committee members, and other Maritime stakeholders	<ul style="list-style-type: none"> ✓ Dedicated Seminars & technical Workshops on national level. ✓ Build institutional and legislative capacity to develop IMP policies and instruments. ✓ Provide “raw materials” for developing capacity-building tools. ✓ Setting-up logical cross-sectorial structures discussing maritime affairs. ✓ Identify case studies in maritime policy based on identified needs. ✓ Organization of training events, workshops, field visits, study tours. 	Jan 2015	Dec 2020	<ul style="list-style-type: none"> ✓ IMP-MED steering Committee & National working group team. ✓ Maritime sector affiliated Parities. ✓ Environmental Organizations. 				<ul style="list-style-type: none"> ✓ Number of training events, workshops, field visits and study tours organized. ✓ Number of beneficiary participants.

No	Target	Actions, Activities, Procedures And Programmes	period		Responsibility	Priority			Indicator
			F	T		H	M	L	
8	Annual Report on IMP-MED Progress & Maritime Activities in Jordan.	<ul style="list-style-type: none"> ✓ Compile and publish every year an annual report on IMP- MED Progress & Maritime Activities in Jordan. 	Jan 2018	Dec 2020	<ul style="list-style-type: none"> ✓ IMP-MED steering Committee & National working group team. ✓ Maritime sector affiliated Parities. ✓ Environmental Organizations. 	H	M	L	<ul style="list-style-type: none"> ✓ Issued annual report.

No	Target	Actions, Activities, Procedures And Programmes	period		Responsibility	Priority			Indicator
			F	T		H	M	L	
9	F ormulation and assessment of projects in the field of integrated Maritime Policy, Maritime Governance, Monitoring of Marine Environment, ICZM , MSP, Marine Knowledge, Marine Surveillance ... etc.	✓ IMP-MED steering Committee assists in carrying out studies with national and international consultants (IMP-MED Project key experts).	Jan 2015	Dec 2020	✓ IMP-MED steering Committee & National working group team. ✓ Maritime sector affiliated Parities. ✓ Environmental Organizations.				✓ Number of assisted Projects and Activities. ✓ Number of IMP-MED Project key experts visits to Jordan.

No	Target	Actions, Activities, Procedures And Programmes	period		Responsibility	Priority			Indicator
			F	T		H	M	L	
10	Data Collection and Management.	<ul style="list-style-type: none"> ✓ Establish databases and collect relevant resource material to be eventually housed at the virtual Knowledge Centre (VKC) & EU IMP-MED Website. 	Jan 2015	Dec 2020	<ul style="list-style-type: none"> ✓ IMP-MED steering Committee & National working group team. ✓ Maritime sector affiliated Parties. ✓ Environmental Organizations. 				<ul style="list-style-type: none"> ✓ Size of Data and Number and type of reports collected. ✓ Launching National IMP-MED website.

No	Target	Actions, Activities, Procedures And Programmes	period		Responsibility	Priority			Indicator
			F	T		H	M	L	
11	Implementation an Integrated Maritime Policy Communications Plan.	<ul style="list-style-type: none"> ✓ Enhancing IMP Visibility. ✓ Producing IMP Promotional Material. ✓ Communicating through the Proposed Website. ✓ Emphasizing the IMP Programme's Achievements. ✓ Supervising Publications. ✓ Awareness Building Events. ✓ Utilizing Existing Corporate Media. ✓ Enhancing Internal And External Communication: <p>☒ Internally to the IMP Group.</p> <p>☒ Externally to the IMP Regional Level.</p>	Jan 2015	Dec 2020	<ul style="list-style-type: none"> ✓ IMP-MED steering Committee & National working group team. ✓ Maritime sector affiliated Parties. ✓ Environmental Organizations. 				<ul style="list-style-type: none"> ✓ IMP Visibility. ✓ Launching website. ✓ Issued Publications. ✓ Internal and external Communication.

Chapter 7

IMP-MED Project Action Plan Time Sheet (2015-2020)

ID	Task Name	2015	2016	2017	2018	2019	2020	2021
1	1. Improve Governance of Maritime Affairs.		[Red bar spanning 2016-2020]					
2	1.1 Encourage a more integrated and coordinated approach to maritime governance at appropriate levels.					[Teal bar spanning 2019-2020]		
3	1.2 Increase knowledge of policies and instruments related to IMP.				[Teal bar spanning 2018-2020]			
4	1.3 Promoting the elaboration of National maritime policies.		[Teal bar spanning 2016-2017]					
5	1.4 Monitoring mechanism and collection of performance data for centralized database to measure progress and make proposals for improvement.		[Teal bar spanning 2016-2019]					
6	2. Encourage of regional cooperation in maritime matters by addressing gaps in implementation of agreed rules.	[Red bar spanning 2015-2020]						
7	2.1 Building Communication plans and dissemination with neighbouring Countries.		[Teal bar spanning 2016-2018]					
8	2.2 Dedicated Seminars & Workshops on Regional level.		[Teal bar spanning 2016-2020]					
9	2.3 Building on existing co-operation processes and initiatives both at regional and sub-regional levels.					[Teal bar spanning 2019-2020]		
10	2.4 Selection of key case studies for experience sharing.				[Teal bar spanning 2018-2019]			
11	2.5 Launch processes in partner countries which can develop IMP.					[Teal bar spanning 2019-2020]		
12	2.6 Exchange of best practices amongst partner countries.				[Teal bar spanning 2018-2019]			
13	2.7 Encourage a framework that applies integrated approach		[Teal bar spanning 2016-2017]					
14	2.8 Improving further awareness raising in all the National parties of the maritime assets both at institutional and non-institutional level.	[Teal bar spanning 2015-2020]						

ID	Task Name	2015	2016	2017	2018	2019	2020	2021	
15	3. Improving further awareness raising in all National parties of the maritime assets both at institutional & non-institutional level & Raising awareness of existing activities and possibilities for meeting the objectives of IMP.	[Red bar spanning 2015-2021]							
16	3.1 Dedicated Seminars & Workshops on national level.	[Teal bar spanning 2015-2018]							
17	3.2 Develop public awareness campaign package.	[Teal bar spanning 2015-2018]							
18	3.3 Working Together to have an independent Web-Site for the Project in the future and Make all publications available on.	[Teal bar spanning 2018-2020]							
19	3.4 Elaborate monitoring reports and disseminate them.	[Teal bar spanning 2016-2018]							
20	3.6 Development of IMP Manuals, Brochures, leaflets and other Publications.	[Teal bar spanning 2015-2018]							
21	3.7 Develop effective channels for information exchange.	[Teal bar spanning 2019-2021]							
22	4. Activating, Improving and Developing the role of the National steering Committee of IMP-MED Project to remove Obstacles & relieve gaps in Maritime Sector	[Red bar spanning 2015-2021]							
23	4.1 Coordinating and supporting the Meetings of IMP-NSC.	[Teal bar spanning 2015-2021]							
24	4.2 Work collaboratively to develop and improve the national plan of actions.	[Teal bar spanning 2016-2021]							
25	5. Following up & Supporting Technical Assistance & capacity building	[Red bar spanning 2015-2021]							
26	5.1 Following up the forth approved technical assistance aspects of (TSS, Maritime governance, Marine Use Plan, Environmental Monitoring.)	[Teal bar spanning 2015-2017]							
27	5.2 New technical assistance aspects of (Anchorage Areas management, Maritime Spatial Planning (MSP) & Integrated Coastal Zone Management (ICZM), Building Marine Knowledge, Integrated surveillance for a safer and secure maritime space.	[Teal bar spanning 2018-2021]							
28	5.3 Identify case studies in maritime policy based on identified needs.	[Teal bar spanning 2017-2021]							

ID	Task Name	2015	2016	2017	2018	2019	2020	2021	
29	6. National Coordination	[Red bar spanning 2015-2021]							
30	6.1 Governance of the marine space & integrated maritime governance.		[Teal bar spanning 2016-2017]		[Teal bar spanning 2018-2021]				
31	6.2 Maritime Spatial Planning (MSP) & Integrated Coastal Zone Management (ICZM).		[Teal bar spanning 2016-2017]			[Teal bar spanning 2019-2021]			
32	6.3 Maritime Transport.					[Teal bar spanning 2019-2021]			
33	6.4 Improving Socio- Economic Data for maritime sectors and maritime regions.	[Teal bar spanning 2015-2018]					[Teal bar spanning 2020-2021]		
34	6.5 Monitoring of Marine Environment.				[Teal bar spanning 2018-2021]				
35	7. Permanent capacity building of IMP-MED Steering Committee members, and other Maritime stakeholders	[Red bar spanning 2015-2021]							
36	7.1 Dedicated Seminars & technical Workshops on national level.		[Teal bar spanning 2016-2018]				[Teal bar spanning 2020-2021]		
37	7.2 Build institutional and legislative capacity to develop IMP policies and instruments.		[Teal bar spanning 2016-2017]		[Teal bar spanning 2018-2021]				
38	7.3 Provide "raw materials" for developing capacity-building tools.		[Teal bar spanning 2016-2017]		[Teal bar spanning 2018-2021]				
39	7.4 Setting-up logical cross-sectorial structures discussing maritime affairs.	[Teal bar spanning 2015-2018]				[Teal bar spanning 2018-2021]			
40	7.5 Identify case studies in maritime policy based on identified needs.				[Teal bar spanning 2018-2021]				
41	7.6 Organization of training events, workshops, field visits, study tours.		[Teal bar spanning 2016-2018]				[Teal bar spanning 2020-2021]		
42	8. Annual Report on IMP- MED Progress & Maritime Activities in Jordan				[Red bar spanning 2018-2021]				
43	8.1 Compile and publish every year an annual report on IMP- MED Progress & Maritime Activities in Jordan.				[Teal bar spanning 2018-2021]				

ID	Task Name	2015	2016	2017	2018	2019	2020	2021		
44	9. Formulation and assessment of projects in the field of integrated Maritime Policy, Maritime Governance, Monitoring of Marine Environment, ICZM , MSP, Marine Knowledge, Marine Surveillance ... etc	[Red bar spanning 2015 to 2021]								
45	9.1 IMP-MED steering Committee assists in carrying out studies with national and international consultants (IMP-MED Project key experts).			[Teal bar spanning 2017 to 2021]						
46	10. Data Collection and Management	[Red bar spanning 2015 to 2021]								
47	10.1 Establish databases and collect relevant resource material to be eventually housed at the virtual Knowledge Centre (VKC) & EU IMP-MED Website.			[Teal bar spanning 2017 to 2019]						
48	11. Implementation an Integrated Maritime Policy Communications Plan	[Red bar spanning 2015 to 2021]								
49	11.1 Enhancing IMP Visibility.		[Teal bar spanning 2016 to 2017]							
50	11.2 Producing IMP Promotional Material.				[Teal bar spanning 2018 to 2021]					
51	11.3 Communicating through the Proposed Website.				[Teal bar spanning 2018 to 2021]					
52	11.4 Emphasizing the IMP Programme's Achievements.		[Teal bar spanning 2016 to 2021]							
53	11.5 Utilizing Existing Corporate Media.				[Teal bar spanning 2018 to 2020]					
54	11.6 Enhancing Internal And External Communication: Internally to the IMP Group & Externally to the IMP Regional Level.		[Teal bar spanning 2016 to 2017]							

IMP-MED Project Technical Assistance to Jordan

- **The IMP-MED project aims at promoting integration of maritime issues, therefore the TA activities need to reflect this logic and look at the specific maritime issues with a wide vision based on the reinforcement of sartorial integration, governance, long term sustainability, mainstreaming of environmental issues. In addition, TA activities have to be compatible in with the limited resources available within the IMP-MED project.**
- **A National team was formulated on 20/10/2013 to follow up the Technical Assistance issues of IMP-MED Project in Jordan upon a recommendation submitted by the National Coordinator of IMP-MED Project during the final meeting of the IMP-MED Team and IMP-MED Steering committee on November 2013, under the patronage of the minister of transport and the presence of IMP-MED Team, as following:**

1) TSS off Aqaba coasts:

To Prepare aTSS in agreement with neighbouring states

Focal Point: Capt. Zafer Al-Fryhat / Aqaba Private maritime Service Company.

✓ The northern end of the Gulf of Aqaba is a very busy maritime area, with many maritime activities: harbours, tourism and diving, fishing, passenger's traffic. In Jordanian waters, there is intense maritime traffic to and from the Aqaba harbours; a part of this traffic is related to oil or other dangerous cargoes, with large ships (up to 400 000 tons) sailing very close to sensitive environment and to socio-economic activities.

✓ Presently, the navigation is not regulated except in harbours areas. Due to deep waters anchoring areas are very limited and very close to the coast, and many ships wait adrift until they can berth for loading or unloading in one of the Al Aqaba ports.

❖ In order to improve both maritime safety and port operations through better regulation of the navigation of large ships, the Aqaba Port Authority is studying the development of a Traffic Separation Scheme (TSS) in the Jordanian part of the Gulf.

❖ In the framework of the EU Project “IMP-MED” (Integrated Maritime Policy in the Mediterranean), technical assistance was proposed to the partner countries, including Jordan (beneficiary of the ENPI program) to improve some of their maritime project in terms of integration.

❖ This pre-feasibility study by the project team is focused on integration issues, including cross-sectorial integration, environmental integration and regional integration. The details of the maritime regulation scheme (number of lanes, access channels to ports, management...) have not been addressed in this work.



2) Maritime governance

To Definition of scenarios for the maritime coordination

Focal Point: Capt. Zafer Al-Fryhat / Aqaba Private maritime Service Company.

The Main Objective is How to develop National Strategy to Improve Maritime Governance in Jordan with correspondence to:

- 1) Meeting the different maritime challenges (ports development ,security, fisheries, aquaculture, environmental protection, climate change) facing the Mediterranean basin.**
- 2) Improving governance of maritime affairs which should balance economic development with protection of the environment.**

- 3) The approach to maritime policy should encourages links between different maritime activities and to abandon sectorial actions and promote a comprehensive strategy.**
- 4) The governance must be able to ensure more sustainable growth for Jordan.**
- 5) The success of this strategy requires enhanced cooperation with all concerned public and Privet sectors taking into account regional dimension.**

3) Marine Use Plan for Aqaba

To Assess and review Marine Use Plan for Aqaba (connection with Aqaba Master Plan).

Focal Point: Engineer. Mahmoud Shihab / Aqaba Special Economic Zone Authority.

Objectives of updating Marine master plan:

- 1) Organize more and more maritime activities, For present, but also for future.
- 2) Improve coexistence, reduce conflicts:
 - 1) Overlapping of more and more activities.
 - 2) Using the same space, sometimes in the same time.
- 3) Reduce

3) Reduce impacts and risks:

- ❖ **Impacts: related to normal activities:**
- ✓ **Should be reduced as much as possible.**
- ✓ **Need to consider cumulative impacts.**

4) Unique space/time regulation reference for all activities: Now, no regulation or separate sectorial regulations.

5) cover the whole Jordanian maritime zone Limited area, all activities interdependent, all activities strongly linked to coastal issues.

Some issues to be taken into account in the MMP:

Navigational issues :

- 1) Shipping routes, coastal and deep water moorings, drifting areas.
- 2) Traffic regulation scheme is the backbone of the MMP:
(But the MMP cannot be reduced to the traffic regulation scheme).

Other activities

- 1) Coastal tourism, cruises, yachting and boating, bathing, jet ski, wind surf, parasailing, kite surf, professional and sport fishing, diving.
- 2) Local transport : urban maritime transport, ferries.

Requests/compatibility

- 1) Some activities request specific conditions: environment, space, landscape.
- 2) Some activities are mutually not compatible.

Environmental issues

- 1) Environment: such like Water quality, biodiversity
- 2) Interactions environment-activity: such like Water quality and bathing, touristic resorts and large ships close to the beach.

4) Environmental Monitoring System

To Develop monitoring systems for marine environment protection in the Gulf of Aqaba

Focal Point: Mrs. Taghreed Al-Maaytah / Aqaba Special Economic Zone Authority.

- 1) **Preparation of the ToR for the development of a pollutants dispersion model and associated monitoring framework for the Gulf of Aqaba.**
- 2) **Review of the possible applications of the model and other available information for management of the Aqaba coastal and maritime areas.**
- 3) **Governance proposal for implementing monitoring and early warning mechanisms for prompt response.**

Overall objective:

MARINE Science Station (MSS) and an Israeli University signed an MOU in 2003 to initiate and support a joint monitoring program between Jordan and Israel in the northern Gulf of Aqaba to inform an environmental management plan for the region.

The overall objective of this MOU was to assess the impacts that the development and industrialisation in the region over the last 50 years has had on the Gulf and to identify the main inputs into this Aqaba Marine park system (Figure 1). Initial data gathering and onsite.

sampling/investigations have been on-going since 2003 and this has generated a significant body of research and data that can be used to inform/calibrate/validate a marine model for the site. These studies are outlined below in Table 1 and will be made available by AESZA to the appointed consultant.

Proposing a new technical assistance aspects to cover the coming 5 years from 2015-2020 of the followings:

- 1) Anchorage Areas management.
- 2) Maritime Spatial Planning (MSP) & Integrated Coastal Zone Management (ICZM).
- 3) Building Marine Knowledge.
- 4) Integrated surveillance for a safer and secure maritime space.

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			F	T		H	M	L	
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19	3.4 Elaborate monitoring reports and disseminate them.	[Teal bar spanning 2016 to 2018]							
20	3.6 Development of IMP Manuals, Brochures, leaflets and other Publications.	[Teal bar spanning 2015 to 2018]							
21	3.7 Develop effective channels for information exchange.	[Teal bar spanning 2019 to 2021]							
22	4. Activating, Improving and Developing the role of the National steering Committee of IMP-MED Project to remove Obstacles & relieve gaps in Maritime Sector	[Red bar spanning 2015 to 2021]							
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28	5.3 Identify case studies in maritime policy based on identified needs.	[Teal bar spanning 2017 to 2021]							

**Thank you 4
your Attention**