



NATIONAL FISHERIES AUTHORITY

JAMAICA NATIONAL ACTION PLAN FOR SEA-BASED MARINE PLASTIC LITTER WITH SPECIFIC REFERENCE TO SHIPPING AND FISHERIES

**PREPARED WITH SUPPORT FROM IMO/FAO-NORWAY
GLOLITTER PARTNERSHIPS PROJECT**

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LIST OF ACRONYMS

AGC	Attorney General's Chambers
ALDFG	Abandoned, Lost or otherwise Discarded Fishing Gear
CBO	Community-Based Organization
CPC	Chief Parliamentary Council
FAO	Food and Agriculture Organization of the United Nations
GGGI	Global Ghost Gear Initiative
GloLitter	The GloLitter Partnerships Project
GOJ	Government of Jamaica
IMO	International Maritime Organization
MAJ	Maritime Authority of Jamaica
MARPOL	The International Convention for the Prevention of Pollution from Ships
MEGJC	Ministry of Economic Growth and Job Creation
MPL	Marine Plastic Litter
MTM	Ministry of Transport and Mining
NAP	National Action Plan
NEPA	National Environment and Planning Agency
NFA	National Fisheries Authority
NGO	Non-Governmental Organization
NSWMA	National Solid Waste Management Authority
NTF	National Task Force
PRF	Port Reception Facility
PSC	Port State Control
PSCO	Port State Control Officer
PPPs	Public/Private Partnerships
PRF	Port Reception Facility
SBMPL	Sea-Based Marine Plastic Litter

Jamaica National Action Plan for Sea-Based Marine Plastic Litter with Specific Reference to Shipping and Fisheries

Country Context

Jamaica is a tropical maritime island in the Caribbean Sea, situated about 145 km south of Cuba and 161 km southwest of Haiti. With a population of ~ 2,979,812 and a total coastline measuring 1,022 km (635.0 mi), Jamaica was declared an archipelagic state in 1997 and is surrounded by 12 miles of territorial sea and a marine area measuring twenty-four times the size of the landmass. Jamaica's terrain is marked by a series of interior mountain ranges which extend from east to west. Many small rivers and streams flow to the north and south of the central plateau, before cascading into the Caribbean Sea across lowlands and coastal plains. The irregular coastline is marked by natural harbours, secluded bays, magnificent beaches, and rugged cliffs.

While some legislative structures exist in Jamaica that facilitate the management of sea-based marine plastic litter (SBMPL), others are in progress/under development. Existing legislative structures include an adopted national legal framework in the form of the National Merchant Shipping Act, 1998, and the ongoing development of a legal framework for the implementation of The International Convention for the Prevention of Pollution from Ships (MARPOL 73/78). Existing supporting legislation such as the National Fisheries Act, 2018 includes provisions to prevent and/or reduce marine plastic litter by making it an offense to abandon decaying or dying fish in any net or other such equipment onshore, in-water, and on the beach/foreshore. The National Fisheries Act also indirectly makes provisions for the prevention/reduction of abandoned lost or otherwise discarded fishing gear (ALDFG). It requires marking all fishing gear with the registration number of the registered fishing boat by which it is being used or upon which it is carried, thereby enabling identification of the person/s in breach.

Enforcement and monitoring authorities include the Maritime Authority of Jamaica, the National Fisheries Authority, and the National Environment and Planning Agency. The key enforcement agencies for ALDFG are the National Fisheries Authority working jointly with the Jamaica Defence Force Coast Guard and the Jamaica Constabulary Force Marine Police. With respect to Regional Cooperation and agreements, this has been fostered with Ocean Conservancy in respect of its Global Ghost Gear Initiative (GGGI).

Notwithstanding, current activities and initiatives being implemented by governmental as well as non-governmental organizations, in respect of land and sea-based marine plastic litter in Jamaica, the current state of knowledge at the country level regarding the production of marine plastic litter from maritime and fisheries activities (in terms of scale and impacts) is not yet known.

Objectives of the NAP

The overarching objective of the National Action Plan (NAP) is to prevent and reduce sea-based sources of MPL in areas under Jamaica's jurisdiction. This is to be achieved through integrated legislative, enforcement and monitoring programmes and activities amongst the relevant maritime, environmental, and fisheries portfolio ministries, departments, and agencies in Jamaica. The NAP, therefore, seeks to facilitate:

1. Enhancement of legal, policy, and enforcement mechanisms
2. Reduction of marine plastic litter generated from, and retrieved by, fishing vessels
3. Development of port reception and facilities for treatment of marine plastic litter

4. Enhanced public awareness, education, and seafarer training
5. Institutional capacity-building amongst government ministries, departments, and agencies; and
6. Public Private Partnership initiatives for information exchange and data sharing.

The NAP is to be implemented within the period of December 2022 to November 2023.

Principles and approaches that should frame the implementation

The primary overarching principles that frame Jamaica’s NAP for the implementation of the GloLitter Partnerships Project on Sea-based Marine Plastic Litter are the precautionary approach; the polluter pays principle; the ecosystem approach; public and private participation; sustainable consumption and production and best available knowledge and practices. These principles are by and large embodied in Jamaica’s existing and proposed regulatory framework that will guide the implementation of the Project.

Monitoring Plan

Led by the Maritime Authority of Jamaica, the NTF will guide the implementation of the project, provide oversight to ensure compliance with the national needs and policies, and oversee the performance of the project. A monitoring mechanism is proposed to further the effective implementation of the NAP (Figure 1). This mechanism will facilitate the assessment of the level of implementation as well as the measurement of progress. The monitoring will identify obstacles and suggest suitable measures that will contribute to the successful implementation of the project.

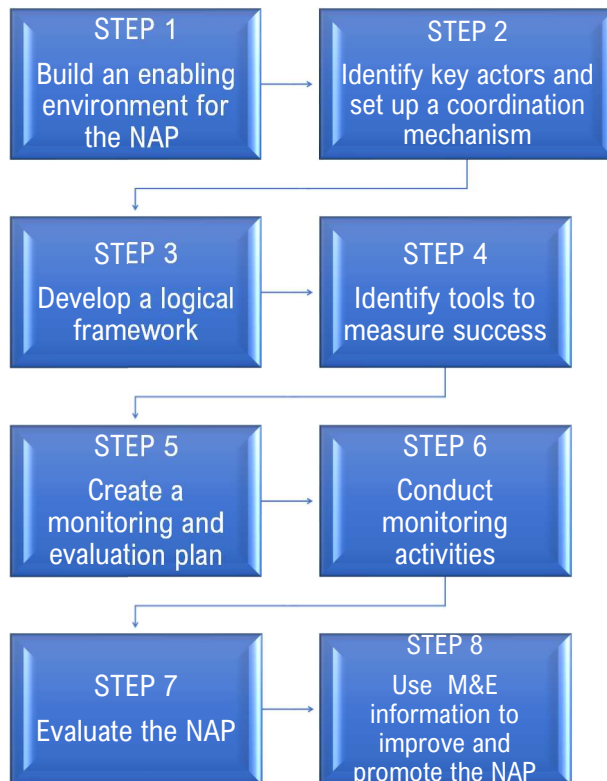


Figure 1: Proposed Monitoring Mechanism for Implementation of the NAP

The roles and responsibilities of the project stakeholders are presented in Table 1. All stakeholders have a high interest in the project outputs and a high influence in the execution of the project. While the MAJ, NFA, NEPA, and MTM are responsible for project development and project execution, M and PAJ would require consultation only during the project development and execution phases. All stakeholders would have responsibility for project monitoring and evaluation and would contribute to the decision-making process.

Table 1: Stakeholder Analysis for the Primary Stakeholders in the GloLitter Project

Stakeholder	Role	Influence on Project Outputs:	Interest in Project Outputs:	Project Development, Monitoring and Evaluation			Engagement Level
				Project Development	Project Execution	Project Monitoring & Evaluation	
MAJ	Lead/Manager	HIGH	HIGH	Responsible	Responsible	Responsible	●●●
NFA	Lead/Manager	HIGH	HIGH	Responsible	Responsible	Responsible	●●●
NEPA	Facilitator	HIGH	HIGH	Responsible	Responsible	Responsible	●●●
MTM	Champion	HIGH	HIGH	Responsible	Responsible	Responsible	●●●
MEGJC	Facilitator	HIGH	HIGH	Consulted	Consulted	Responsible	●●●
PAJ	Facilitator	HIGH	HIGH	Consulted	Consulted	Responsible	●●●

KEY		
ENGAGEMENT LEVEL		
●●● <i>Contributes to decisions</i>	●●○ <i>Has some influence on decision making</i>	●○○ <i>Told about decisions</i>

A range of actions have been identified and proposed to constitute Jamaica’s NAP (Tables 2 and Table 3). Table 2 represents actions that are to be undertaken or are being executed by the Government of Jamaica. These actions, therefore, do not require external support..

Actions for which external support is being sought are presented in Table 3. The Project Gantt Chart is presented in Figure 2.

Table 2: NATIONAL ACTION PLAN, JAMAICA - Actions to be undertaken by the Government of Jamaica from GOJ in-kind funding & Actions requiring external funding

	DESCRIPTION OF ACTIONS	Priority Level	Responsible Authority	~Start Date	~End Date	Resources Required ¹	Progress Indicators	Methods of Verification
ACTIONS RELATED TO THE LEGAL, POLICY, AND ENFORCEMENT REFORMS								
Action 1	ENACT THE SHIPPING (PREVENTION OF POLLUTION) BILL, 2022 WHICH IMPLEMENTS THE MARPOL CONVENTION	HIGH	MAJ (GOJ funded)	<i>In progress.</i> The process of finalizing legislation requires collaboration with several other entities. Timelines are therefore approximated.	December 2023	National resources. The legislation is being handled by the Office of the Parliamentary Counsel	<ol style="list-style-type: none"> 1. Draft legislation reviewed 2. Legislation approved by the AGC 3. Legislation passed by the Houses of Parliament 4. Legislation promulgated 	Legal framework finalized and Legislation promulgated
Action 2	FACILITATE MANDATORY COMPLIANCE WITH THE NATIONAL GUIDELINES ON THE COLLECTION AND DISPOSAL OF MARPOL 73/78 ANNEX V WASTE BY PLACING THIS REQUIREMENT AS A CONDITION OF EXISTING REGULATORY PERMITS/LICENCES/ APPROVALS	HIGH	NSWMA (GOJ funded)	<i>In progress.</i> The aspects of the National guidelines which are managed by the MAJ will be addressed in the legislation implementing the MARPOL convention.	Ongoing	National resources	<ol style="list-style-type: none"> 1. Promulgation of Legislation giving effect to the MARPOL Convention 	Implementation of MARPOL- implementing legislation
Action 3	ENACT THE CURRENT DRAFT SHIPPING (POLLUTION PREVENTION RESPONSE LIABILITY AND COMPENSATION) BILL, 2021 TO FACILITATE ENFORCEMENT OF PROVISIONS OF THE LONDON PROTOCOL	HIGH	MTM MAJ (GOJ funded)	<i>In progress.</i> The process of finalizing legislation requires collaboration with several other entities.	August 2023	National resources The legislation is being handled by the Office of the Parliamentary Counsel	<ol style="list-style-type: none"> 1. Draft legislation reviewed 2. Legislation approved by the AGC 3. Legislation passed by the Houses of Parliament 4. Legislation promulgated 	Legal framework finalized and Legislation promulgated

¹ Training, capacity building, knowledge products, best practices, advice etc.

	DESCRIPTION OF ACTIONS	Priority Level	Responsible Authority	~Start Date	~End Date	Resources Required ¹	Progress Indicators	Methods of Verification
				Timelines are therefore approximated.				
Action 4	<p>UPDATE THE DRAFT NATIONAL FISHERIES AND AQUACULTURE POLICY, 2015 AND DEVELOP AND ENACT SPECIFIC REGULATIONS TO ADDRESS ALDFG</p> <p><i>OBJECTIVE 1: TO PROVIDE A ROADMAP FOR COMPLIANCE WITH LAWS AND REGULATIONS, GUIDANCE FOR DECISION-MAKING, AND STREAMLINING OF INTERNAL PROCESSES.</i></p> <p><i>EXPECTED OUTPUT 1: REGULATION OF THE FISHING INDUSTRY THROUGH NEW LAWS, TO PROTECT FISHERS AND INCREASE PRODUCTION WHILST SAFEGUARDING AGAINST MARINE POLLUTION AND HARM TO BIODIVERSITY AND SENSITIVE ECOSYSTEMS AS WELL AS MANDATORY STANDARDS FOR SAFETY AT SEA, AND MEASURES TO ENSURE THAT ALL VESSELS AND FISHERS STRICTLY COMPLY WITH THE RELEVANT REGULATIONS.</i></p> <p><i>OBJECTIVE 2: TO DEVELOP COMMAND-AND-CONTROL REGULATIONS.</i></p> <p><i>EXPECTED OUTPUT 2: DETERRENCE OF NON-</i></p>	HIGH	NFA	January 2023	August 2023	<p><u>External resources required. Technical Resources</u> to enable capacity building for:</p> <ol style="list-style-type: none"> 1. Updating/finalization of the Draft Fisheries and Aquaculture Policy to develop suitable regulations for addressing marine pollution from SBMPL. 2. Facilitation of Stakeholder consultations for NGOs, CBOs & PPPs 3. Updating the Fisheries Act (2018) Regulations <p><u>Legal Consultant</u> to facilitate legislative reforms to meet the requirements of the Agreement</p> <p><u>Technical Assistance for:</u></p> <ol style="list-style-type: none"> 1. Training Compliance Officers 2. Development of risk assessment protocols 3. Facilitation of Stakeholder consultations for NGOs, CBOs & PPPs <p><u>Technical advice & assistance (Consultancy)</u> to support:</p> <ol style="list-style-type: none"> 1. Capacity building for updating the Draft National Fisheries and 	<ol style="list-style-type: none"> 1. Tender offer advertised 2. Hiring of Consultant 3. Preparation of Updated National Fisheries and Aquaculture Policy (2015) 4. Draft ALDFG regulations developed 	<p>Updated Draft National Fisheries and Aquaculture Policy (2015)</p> <p>Draft ALDFG regulations sent to CPC</p>

	DESCRIPTION OF ACTIONS	Priority Level	Responsible Authority	~Start Date	~End Date	Resources Required ¹	Progress Indicators	Methods of Verification
	COMPLIANCE WITH THE RELEVANT RULE/S THROUGH AN APPROPRIATE SYSTEM OF SANCTIONS.					Aquaculture Policy, 2015 to include MPL from fishing gear & equipment 2. Stakeholder consultations for NGOs, CBOs & PPPs		
Action 5	<p>DEVELOP AND STRENGTHEN PROVISIONS FOR THE MARKING, DOCUMENTATION, AND ACCOUNTING OF ALL FISHING GEAR</p> <p><u>OBJECTIVE:</u> TO DEVELOP A TOOL THAT WILL CONTRIBUTE TO SUSTAINABLE FISHERIES, IMPROVE THE STATE OF THE MARINE ENVIRONMENT, ENHANCE SAFETY AT SEA BY COMBATTING, MINIMIZING AND ELIMINATING ALDFG AND FACILITATE THE IDENTIFICATION AND RECOVERY OF SUCH GEAR.</p> <p><u>EXPECTED OUTPUT:</u></p> <ol style="list-style-type: none"> 1. DEVOLVED RESPONSIBILITY FOR FISHERS TO REPORT INSTANCES OF ALDFG. 2. JAMAICAN AUTHORITIES WILL MEET THEIR OBLIGATIONS UNDER LOCAL AND INTERNATIONAL LAW, INCLUDING RELEVANT INTERNATIONAL AGREEMENTS AND RELATED GOVERNANCE FRAMEWORKS. 3. ESTABLISHMENT OF MORE ROBUST PROTOCOLS FOR DATA CAPTURE AND DISSEMINATION; MARKING, 	HIGH	NFA	Not known	Not known	<p><u>External resources required.</u></p> <p><u>Technical assistance</u> for</p> <ol style="list-style-type: none"> 1. Updating the Draft National Fisheries and Aquaculture Policy, 2015 2. Stakeholder consultations (materials and supplies) <p><u>Technical assistance</u> (through capacity building) for:</p> <ol style="list-style-type: none"> 1. Consultancy for updating the Draft National Fisheries and Aquaculture Policy, 2015 2. Stakeholder consultations (materials and supplies) 	<p>Voluntary compliance maximized i.e.,</p> <ol style="list-style-type: none"> 1. Fishers are sensitized 2. Fishing gears are marked 3. Fishers report lost gear 4. Fishers can retrieve lost gear 5. Port reception facility/ facilities identified 6. Plastic gears recycled 	<ol style="list-style-type: none"> 1. Enforcement patrols 2. Report of Fishers training activity 3. Reports of Consultations /Meetings/Census/ Questionnaires 4. Quantity and count of MPL gear retrieved over time series

	DESCRIPTION OF ACTIONS	Priority Level	Responsible Authority	~Start Date	~End Date	Resources Required ¹	Progress Indicators	Methods of Verification
	<i>DOCUMENTATION, AND ACCOUNTING OF ALL FISHING GEAR.</i>							
Action 6	DEVELOP INDUSTRY BEST MANAGEMENT PRACTICES SPECIFIC TO ALDFG <i>OBJECTIVE: TO DEVELOP A NATIONAL BEST PRACTICE HANDBOOK FOR THE MANAGEMENT OF ALDFG</i> <i>EXPECTED OUTPUT: THIS HANDBOOK WILL ENABLE PRACTITIONERS TO REDUCE THE INCIDENCE OF ALDFG.</i>	HIGH	NFA	March 2023	June 2023	<u>External resources required.</u> <u>Technical assistance for:</u> 1. Consultancy to develop best management practices for ALDFG	Development and/ or use of: 1. Knowledge products developed and publicized 2. Official Publications of the FAO, IMO, etc.	Reports of Consultations /Meetings/Census/ Questionnaires
Action 7	ENHANCE/DEVELOP TECHNICAL CAPACITY TO: 1. FACILITATE DISAGGREGATION (BY GEAR TYPE) OF SBMPL ² DATA RELATED TO FISHERS WITH DUE CONSIDERATION FOR VARIATIONS IN FISHING MODALITIES AND EQUIPMENT 2. UPDATE DATABASE TO INCLUDE ONLY CURRENT FISHERS/ EQUIPMENT/ BOATS/ VESSELS 3. COLLECT AND ANALYZE DATA ON THE REPAIR OF	MEDIUM	NFA	March 2023	June 2023	<u>External resources required.</u> <u>Technical assistance (consultancy) for:</u> 1. implementing a national cost-benefit analysis for gear collection, removal, and recycling at selected fishing ports (with clear findings and cost-effective recommendations) 2. Establishment of an official electronic registry for SBMPL-related fishing gear	1. SBMPL data-related gear identified 2. Data on SBMPL-related gear collected and disaggregated 3. Development and maintenance of database/electronic registry for SBMPL-related gear	1. Official electronic registry for housing disaggregated statistics specific to SBMPL-related gear 2. Reports specific to SBMPL-related gear and repair of used fishing gear 3. Recommendations/ Proposal regarding the need for a PRF for used/waste fishing gear

² SBMPL-related gears refer to all fishing gears that are comprised of plastic components and materials that may contribute to sea-based marine plastic pollution during their normal use to catch fish.

	DESCRIPTION OF ACTIONS	Priority Level	Responsible Authority	~Start Date	~End Date	Resources Required ¹	Progress Indicators	Methods of Verification
	<p>USED FISHING GEAR TO INFORM THE NEED FOR A PORT RECEPTION FACILITY FOR FISHING GEAR</p> <p><i>OBJECTIVE: TO DEVELOP TECHNICAL CAPACITY THROUGH THE DEVELOPMENT OF A DATABASE OF RECORDS FOR IDENTIFIED SBMPL- RELATED GEARS.</i></p> <p><i>EXPECTED OUTPUTS:</i></p> <p><i>(1) THIS DATABASE WILL BE DEVELOPED AND OPERATIONALIZED SO THAT RECORDS CAN BE UPDATED TO INCLUDE CURRENT DATA ON FISHERS AND RELEVANT FISHING EQUIPMENT.</i></p> <p><i>(2) RESOURCES WILL BE ACQUIRED TO FACILITATE THE COLLECTION AND ANALYSIS OF DATA REGARDING THE REPAIR OF USED FISHING GEAR.</i></p> <p><i>(3) RECOMMENDATION/VALIDATION OF THE NEED FOR A PORT RECEPTION FACILITY FOR WASTE FISHING GEAR.</i></p>							
ACTIONS RELATED TO INSTITUTIONAL CAPACITY								
Action 8	MOBILIZE RESOURCES AND FACILITATE COLLECTION OF DATA ON THE USE OF ON-BOARD GARBAGE MANAGEMENT PLANS AND OTHER PERTINENT RECORDS	MEDIUM	MAJ (GOJ funded)	March 1, 2022	Ongoing process	National resources	PSC Inspections	Port State Control records

	DESCRIPTION OF ACTIONS	Priority Level	Responsible Authority	~Start Date	~End Date	Resources Required ¹	Progress Indicators	Methods of Verification
Action 9	MOBILIZE RESOURCES AND COLLECT DATA ON PRACTICES FOR THE HANDLING OF GARBAGE FOR SHIPS UNDER 400 GT	MEDIUM	MAJ (GOJ funded)	March 1, 2022	Ongoing process	National resources	Flag State Inspections	Flag State Inspections records
Action 10	<p>TRAINING OF PORT STATE CONTROL OFFICERS IN MARPOL ANNEX V PROTOCOLS/ PROCEDURES</p> <p><i>OBJECTIVE: TO ACQUIRE TRAINING FOR PSCOS IN MARPOL ANNEX V PROTOCOLS/ PROCEDURES.</i></p> <p><i>EXPECTED OUTPUTS: CADRE OF TRAINED PORT STATE CONTROL OFFICERS</i></p>	HIGH	MAJ	March 2023	June 2023	<p><u>External resources required</u> <u>Technical Assistance/Resources</u> to facilitate:</p> <ol style="list-style-type: none"> 1. Training activities for Port State Control Officers 2. IMO & MARPOL V Publications 3. Instructor for the training activities 	8 PSCOs trained	<ol style="list-style-type: none"> 1. Certificates of training 2. Individual training records
ACTIONS RELATED TO EDUCATION AND OUTREACH								
Action 11	<p>DEVELOP AND IMPLEMENT A CAPACITY-BUILDING AND AWARENESS-RAISING PROGRAMME TO ADDRESS ALDFG</p> <p><i>OBJECTIVE: TO DEVELOP AND IMPLEMENT STRUCTURED ACTIVITIES AND PROGRAMMES TO FACILITATE A HIGH LEVEL OF SENSITIZATION AND AWARENESS AMONG ALL RELEVANT STAKEHOLDERS ON ALDFG</i></p> <p><i>EXPECTED OUTPUT: INCREASED LEVELS OF COMPLIANCE WITH PROTOCOLS, GUIDELINES, AND LEGISLATION AMONG STAKEHOLDERS</i></p>	HIGH	NFA	March 2023	June 2023	<p><u>External resources required</u> <u>Technical resources</u> to facilitate national training programmes for seafarers and fishing vessel personnel and facilitate training of the personnel that will meet the needs of ALDFG through:</p> <ol style="list-style-type: none"> 1. Awareness-raising/ educational plans for ALDFG 2. Public sensitization and awareness campaigns 3. Developing and implementing reporting mechanisms 	<ol style="list-style-type: none"> 1. Development of a national curriculum for structured activities and sensitization and awareness programmes for ALDFG 2. Consultation meetings held 	<ol style="list-style-type: none"> 1. National Curriculum for ALDFG 2. Reports on Consultations and meetings 3. Attendance registers for consultations/ meetings

	DESCRIPTION OF ACTIONS	Priority Level	Responsible Authority	~Start Date	~End Date	Resources Required ¹	Progress Indicators	Methods of Verification
ACTIONS RELATED TO REGIONAL/ INTERNATIONAL COOPERATION								
Action 12	PROVIDE GUIDANCE AND INFORMATION EXCHANGE AT THE REGIONAL LEVEL ON SBMPL MATTERS INCLUDING DISCUSSIONS ON PORT RECEPTION FACILITIES AND GUIDANCE ON THE DEVELOPMENT OF NATIONAL ACTION PLANS FOR SBMPL.	MEDIUM	MAJ	Jan 2023	December 2023	External Financial Resources required for: <ul style="list-style-type: none"> • Travel & per diem • Facilitation of meetings/discussions 	<ol style="list-style-type: none"> 1. Meetings with individual countries as the need arises 2. Participation in regional meetings with other Lead Partnering and Partnering Countries 3. Resultant information exchange regarding Port Reception Facilities 	<ol style="list-style-type: none"> 1. Documentation of meeting discussions. 2. Steps made by countries in the region towards the development of: <ul style="list-style-type: none"> • Port Reception facilities • National Action Plans for SBMPL

APPENDIX

NATIONAL ACTION PLAN, JAMAICA - Actions Requiring External Support

CATEGORIES	DESCRIPTION OF ACTIONS REQUIRING EXTERNAL SUPPORT	RESOURCES REQUIRED ³	PROGRESS INDICATORS	MEANS OF VERIFICATION	START DATE	END DATE	PRIORITY LEVEL	LEAD ENTITY
ACTIONS RELATED TO THE LEGAL, POLICY, AND ENFORCEMENT REFORMS	<p>ACTION 6: DEVELOP INDUSTRY BEST MANAGEMENT PRACTICES SPECIFIC TO ALDFG</p> <p><i>Objective: To develop a national best practice handbook for the management of ALDFG</i> <i>Expected Output: This handbook will enable practitioners to reduce the incidence of ALDFG.</i></p>	<p><u>External resources required</u> <u>Technical assistance</u></p> <ol style="list-style-type: none"> 1. Consultancy to develop best management practices for ALDFG 	<ol style="list-style-type: none"> 1. Development and/ or use of: Knowledge products 	<p>Reports of Consultations /Meetings/Census/ Questionnaires</p>	Mar 2023	Jun 2023	High	NFA
	<p>ACTION 7: ENHANCE/DEVELOP TECHNICAL CAPACITY TO:</p> <ol style="list-style-type: none"> 1. facilitate disaggregation (by gear type) of SBMPL data related to fishers with due consideration for variations in fishing modalities and equipment 2. update database to include only current fishers/ equipment/ boats/ vessels 3. collect and analyze data on the repair of used fishing gear to inform the need for a port reception facility for fishing gear <p><i>Objective: To develop technical capacity through the development of a database of records for identified SBMPL- related gears.</i></p>	<p><u>External Resources required</u> <u>Technical assistance</u> (consultancy) for:</p> <ol style="list-style-type: none"> 1. Implementing a national cost-benefit analysis for gear collection, removal, and recycling at selected fishing ports (with clear findings and cost-effective recommendations) 2. Establishment of an official electronic registry for SBMPL-related fishing gear 	<ol style="list-style-type: none"> 1. SBMPL data-related gear identified 2. Data on SBMPL-related gear collected and disaggregated 3. Development and maintenance of database/electronic registry for SBMPL-related gear 	<ol style="list-style-type: none"> 1. Official electronic registry for housing disaggregated statistics specific to SBMPL-related gear 2. Reports specific to SBMPL-related gear and repair of used fishing gear 3. Proposal/ recommendations regarding the need for a PRF for used/waste fishing gear 	Mar 2023	June 2023	Medium	NFA

³ Training, capacity building, knowledge products, best practices, advice etc.

CATEGORIES	DESCRIPTION OF ACTIONS REQUIRING EXTERNAL SUPPORT	RESOURCES REQUIRED ³	PROGRESS INDICATORS	MEANS OF VERIFICATION	START DATE	END DATE	PRIORITY LEVEL	LEAD ENTITY
	<p><u>Expected Outputs:</u></p> <p>(1) This Database will be developed and operationalized so that records can be updated to include current data on fishers and relevant fishing equipment.</p> <p>(2) Resources will be acquired to facilitate the collection and analysis of data regarding the repair of used fishing gear.</p> <p>(3) Recommendation/validation of the need for a Port Reception Facility for waste fishing gear.</p>							
ACTIONS RELATED TO INSTITUTIONAL CAPACITY	<p>ACTION 10: TRAINING OF PORT STATE CONTROL OFFICERS IN MARPOL ANNEX V PROTOCOLS/PROCEDURES</p> <p><u>Objective:</u> To acquire training for PSCOs in MARPOL Annex V Protocols/ procedures.</p> <p><u>Expected Outputs:</u> Cadre of trained Port State Control Officers</p>	<p><u>External resources required</u></p> <p><u>Technical Assistance/Resources</u> to facilitate training activities for Port State Control Officers:</p> <ol style="list-style-type: none"> IMO & MARPOL V Publications Instructor for the training activities 	8 PSCOs trained	<ol style="list-style-type: none"> Certificates of training Individual training records 	March2023	June 2023	High	MAJ
ACTIVITIES RELATED TO EDUCATION AND OUTREACH	<p>ACTION 11: DEVELOP AND IMPLEMENT A CAPACITY-BUILDING AND AWARENESS-RAISING PROGRAMME TO ADDRESS ALDFG</p> <p><u>Objective:</u> To develop and implement structured activities and programmes to facilitate a high level of sensitization and awareness among all relevant stakeholders on ALDFG</p>	<p><u>External Resources required</u></p> <p><u>Technical resources</u> to facilitate national training programmes for seafarers and fishing vessel personnel and facilitate training of the personnel that will meet the needs of ALDFG through:</p> <ol style="list-style-type: none"> Awareness-raising/educational plans for ALDFG Sensitization and public awareness campaigns Developing and implementing reporting mechanisms 	<ol style="list-style-type: none"> Development of a national curriculum for structured activities and sensitization and awareness programmes for ALDFG Consultation meetings held 	<ol style="list-style-type: none"> National Curriculum for ALDFG Reports on Consultations and meetings Attendance registers for consultations/ meetings 	March 2023	June 2023	Medium	NFA

CATEGORIES	DESCRIPTION OF ACTIONS REQUIRING EXTERNAL SUPPORT	RESOURCES REQUIRED ³	PROGRESS INDICATORS	MEANS OF VERIFICATION	START DATE	END DATE	PRIORITY LEVEL	LEAD ENTITY
	<i>Expected Output: Increased levels of compliance with protocols, guidelines, and legislation among stakeholders</i>							
ACTIVITIES RELATED TO REGIONAL/ INTERNATIONAL COOPERATION	ACTION 12: PROVIDE GUIDANCE AND INFORMATION EXCHANGE AT THE REGIONAL LEVEL, ON SBMPL MATTERS INCLUDING DISCUSSIONS ON PORT RECEPTION FACILITIES AND GUIDANCE ON THE DEVELOPMENT OF NATIONAL ACTION PLANS FOR SBMPL.	External Financial Resources required for: <ul style="list-style-type: none"> • Travel & per diem • Facilitation of meetings/discussions 	<ol style="list-style-type: none"> 1. Meetings with individual countries as the need arises 2. Participation in regional meetings with other Lead Partnering and Partnering Countries 3. Resultant information exchange regarding Port Reception Facilities 	<ol style="list-style-type: none"> 1. Documentation of meeting discussions. 2. Steps made by countries in the region towards the development of: <ul style="list-style-type: none"> • Port Reception facilities • National Action Plans for SBMPL 	Jan 2023	Dec 2023	MEDIUM	MAJ