NATIONAL PLAN OF ACTION FOR THE PREVENTION, REDUCTION, AND MANAGEMENT OF MARINE LITTER

UPDATES ON THE FINAL DRAFT AND WAY FORWARD
Recognizing the growing concerns over Marine Litter/Debris, DENR held an internal meeting and workshop across relevant offices last Aug 2019 to:

1. Draw a unified approach towards the development of NPOA with different/identified stakeholders;
2. Agree upon appropriate DENR-wide institutional arrangements for the preparation of the NPOA;
3. Propose, discuss and agree on the Form/outline for NPOA; and
4. Agree on a work plan and schedule activities based on guidance and directions

TWG was created from representatives of EMB, BMB, FASPO
DENR LEVELLING-OFF WORKSHOP

1st MULTI-STAKEHOLDER CONSULTATION

TWG processing of inputs from 1st MSC development of Matrix of Strategies

2nd MULTISTAKEHOLDER CONSULTATION

TWG processing of inputs from 2nd MSC development of Matrix of Strategies

ONLINE PUBLIC CONSULTATION

TIMELINE

AUG 2019

OCT 2019

DEC 2019

JULY 2020

NOV 2019

JAN-FEB 2020
## TIMELINE

<table>
<thead>
<tr>
<th>ACTIVITY AND DATE</th>
<th>OBJECTIVES</th>
<th>METHODS/ ACTIVITIES</th>
<th>OUTPUTS &amp; OUTCOMES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>August 9-10, 2019</strong>&lt;br&gt;DENR Levelling-Off Meeting</td>
<td>1. Set-up TWG mechanism  &lt;br&gt;2. Seek guidance for the development of NPOA  &lt;br&gt;3. Stocktaking of existing information</td>
<td>Presentation/Levelling off per office:  &lt;br&gt;a. existing engagements on Marine Litter  &lt;br&gt;b. existing studies</td>
<td>1. Established TWG for NPOA  &lt;br&gt;2. Roadmap to NPOA Development</td>
</tr>
<tr>
<td><strong>December 2-4, 2019</strong>&lt;br&gt;2&lt;sup&gt;nd &lt;/sup&gt; Multi-Stakeholder Consultation (MSC)</td>
<td>1. Identify NPOA Vision and Goals  &lt;br&gt;2. Develop a matrix of action</td>
<td>1. Matrix Development (Vetting of Strategy organization, Output Timeline, Strategies, etc.)</td>
<td>1. Vision and Goals  &lt;br&gt;2. First draft of Matrix of Strategies with outputs, timelines, lead agencies, resources needed</td>
</tr>
<tr>
<td><strong>July 08-26, 2020</strong>&lt;br&gt;Public Consultation (3&lt;sup&gt;rd &lt;/sup&gt;MSC)</td>
<td>1. Request for comments on draft Matrix of Strategies</td>
<td>1. Online survey/form submission</td>
<td>1. Finalize draft of Matrix of Strategies</td>
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</tbody>
</table>
NPOA DOCUMENT

SCOPE
Marine Litter - “any persistent, manufactured or processed solid material discarded, disposed of or abandoned in the marine and coastal environment”

GOAL
“Zero waste to Philippine waters by 2040”

VISION
“A Philippines free of marine litter through shared participation, responsibility, and accountability”

Background
- International Context
- Local Situation

Framework
- Existing Policies and Frameworks
- Definition of terms and concepts
- NPOA Development Process
- Systems Map
- Gaps and Opportunities

Plan of Action
- Vision and Goal
- Guiding Principles
- Implementation Framework

Matrix of Strategies
# MATRIX OF STRATEGIES: A MANUAL

<table>
<thead>
<tr>
<th>PROGRAMMATIC ACTIVITIES</th>
<th>ENABLING/SUPPORTING ACTIVITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Strategy 1:</strong> Establish science- and evidence-based baseline information on marine litter</td>
<td><strong>Strategy 7:</strong> Enhance policy support and enforcement for marine litter prevention and management</td>
</tr>
<tr>
<td><strong>Strategy 2:</strong> Mainstream circular economy (CE) and sustainable consumption and production (SCP) initiatives</td>
<td><strong>Strategy 8:</strong> Develop and implement a strategic and targeted social marketing and communications campaign using various media</td>
</tr>
<tr>
<td><strong>Strategy 3:</strong> Enhance recovery and recycling coverage and markets</td>
<td><strong>Strategy 9:</strong> Enable sufficient and cost-effective financing and other institutional resource requirements for the implementation of the NPOA-ML</td>
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<td><strong>Strategy 4:</strong> Prevent leakage from collected or disposed waste</td>
<td><strong>Strategy 10:</strong> Strengthen LGU capacities and local level implementation of NPOA-ML</td>
</tr>
<tr>
<td><strong>Strategy 5:</strong> Reduce maritime sources of marine litter</td>
<td></td>
</tr>
<tr>
<td><strong>Strategy 6:</strong> Manage litter that is already existing in the riverine and marine environments</td>
<td></td>
</tr>
</tbody>
</table>
## MATRIX OF STRATEGIES: A MANUAL

<table>
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<tr>
<th>ACTION</th>
<th>EXPECTED OUTCOMES</th>
<th>TIMELINE</th>
<th>LEAD AND COOPERATING AGENCIES / SOURCES OF FUNDING</th>
<th>RESOURCE REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Develop sustainable clean-up program and schemes, prioritizing hotspots for existing marine litter</td>
<td>Riverine and coastal cleanup regularly conducted, monitored, evaluated and reported (in tandem with social marketing and wide-scale awareness campaigns as elaborated in Section 9)</td>
<td><strong>Starting Date</strong> 2020 onwards</td>
<td><strong>DENR; Other Mandamus Agencies; LGUs; RBCOs; DILG; DOT; DPWH; MMDA; HLURB; LLDA; DOT-PCSSD; DepEd; SUCs/HEIs through NSTP/ROTC; others</strong></td>
<td><strong>Dredging, hauling and tipping fees; Meals for volunteers; Studies; Field sampling equipment and data analysis including GIS-based and field validation</strong></td>
</tr>
</tbody>
</table>

### Sub-activities

1. Conduct regular clean-up and coordinate proper disposal systems
2. Conduct regular monitoring, evaluation, and reporting of cleanup initiatives in marine litter hotspots and intervention mechanisms
3. Incorporate waste characterization survey and plastic waste audit in clean-up activities, with a disclaimer on wastes that cannot be recovered e.g., far from the shore, sunken waste materials.
4. Support for underwater coastal clean-up drives, e.g., SCUBA gears for LGUs
5. Develop incentive system for barangays with successful and sustainable clean-up initiatives

### Guide for Lead Implementers on steps needed to achieve the outcomes.

Recommendations only.
NPOA APPROVAL AND PUBLICATION

ABRIDGED VERSION

To be presented to the EXECOM for approval

Summary of the whole NPOA Document

Does not include Sub-Activities

Guide for public (Development Partners, NGOs, Academe etc.)

UNABRIDGED VERSION

Guide for cluster heads/lead policy implementors

Ongoing evaluation

◦ proposed sub-activities (progression of activities)
◦ Inter-agency/Multi-sectoral institutional arrangements
Mobilization
- Work with existing inter-agency bodies, commissions, councils, or boards
- Cluster leads to organize per strategy or action
- Fund matching, pilot demonstration, replication and upscaling

Monitoring and Evaluation
- Link M&E into a common platform
- Generate results and lessons learned

Updating
- Upon review of M&E results
- When there are new legislations or international agreements
- At least very five (5) years
Philippine Alliance for Recycling and Materials Sustainability Declaration

Zero Waste to Nature: Ambisyon 2030

We believe that plastic waste, along with other waste, should not end up in nature.

Recognizing the benefits that plastics bring and importance of plastic waste management, the Philippine Alliance for Recycling and Materials Sustainability (PARMS), in collaboration with the supply and waste value chain and in partnership with academe, civil society and government, commits to effectively initiate and support efforts to manage plastic along with other forms of waste and reduce the country’s waste footprint consistent with Ambition 2030: Zero Waste to Nature aimed to ensure that mismanaged waste does not end up in waterways and oceans.

PARMS is committed to continually partner with stakeholder groups to adopt science-based and practical solutions to reduce waste and support global, national and local efforts to collect and recycle plastic waste, while keeping the commitment of some global brands to shift to 100% sustainable packaging by 2025 and guided by the principles of Life Cycle and Sustainability Assessment, 3Rs, Sustainable Materials Management, and Circular Economy.

To effectively manage waste, we commit to engage in activities using our approach, including but not limited to the following:

REduce
- Packaging Redesign
- Improve recyclability and increase use of recycled plastics
- Voluntary phased withdrawal of non-recyclable products and packaging materials where environmentally sound and economically viable alternatives exist

ReUse
- Explore alternative delivery systems (i.e. refills/returnables/multi-use packs) and reusable materials while ensuring protection of environment, health, water resources and economy.

ReCover
- Waste collection across communities

ReCyCle
- Increase demand and applications for recycled materials
- Strengthen investments in the recycling industry

PARMS shares the responsibility with all stakeholders to protect and progress our natural environment, our citizens and our country. We similarly welcome the opportunity to contribute our ideas, capabilities, and resources in shaping initiatives and policies.

In line with this, we commit to develop and implement a roadmap with concrete short (2022), medium (2025) and long term (2030) targets to guide sound and implementable actions towards this end.

Signed on this 26th day of January 2020.
Philippine Alliance for Recycling & Material Sustainability

www.denr.gov.ph/nswmc

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