



End of Project Stakeholders Forum: Philippines ASEAN-Norway Cooperation Project on Local Capacity Building to Reduce Plastic Pollution in the ASEAN Region (ASEANO)

The Bayleaf Hotel, General Trias City, Cavite Province, Philippines
6 July 2022

1. Introduction

The End of Project Stakeholders Forum for the Philippine Component of the ASEAN Norway Cooperation Project on Local Capacity Building to Reduce Plastic Pollution (ASEANO) was held on 6 July 2022 at the BayLeaf Hotel in General Trias, Cavite, Philippines. The Forum was jointly organized by PEMSEA and the Provincial Government of Cavite through the Provincial Government Environment and Natural Resources Office (PGENRO) and participated by representatives from the local government units (LGUs) along the Imus River Watershed, relevant provincial offices, national government agencies, private sector, nongovernment organizations, academe and the Norwegian Embassy.

The Forum was organized to:

- Present the outputs under the four major components of the Philippine Component of the ASEANO Project, namely: (1) waste reduction for key industry sectors; (2) environmental monitoring methods and capacity building; (3) assessing impacts of plastic pollution and scenarios for actions; and (4) education and dissemination; and
- Generate recommendations on: a) how to sustain the activities implemented by the ASEANO project; b) way forward; and c) what can the provincial/local government and business sector of Cavite undertake to scale-up the activities undertaken by the project.

The Cavite PGENRO served as Secretariat to the Forum. The program and list of participants are given in Annexes 1 and 2.

2. Opening and Introduction to the Forum

2.1 Ms. Athena Tolentino, Vice Governor of the Province of Cavite welcomed the participants on behalf of Governor Juanito Victor Remulla.

- Highlighted the ordinances that the province has issued to address solid waste and plastic waste management particularly the Provincial Ordinance on selective plastic ban
- Enumerated the initiatives of the province to reduce plastic wastes such as the eco-brick project in Tagaytay City and the construction of the Provincial Capitol following a green building design where carbon emission and energy consumption are reduced and low exposure of the staff to toxins
- Appreciated the partnership and thanked the ASEANO Project for helping Imus River become cleaner and healthier.

2.2 The CENRO of Dasmariñas City provided the welcome remarks on behalf of the Mayor of Dasmariñas City.

- Cited that the solid waste and plastic waste management problem continue to persists even with continuing innovations.
- In addition to compliance to ordinances, Dasmariñas endeavored to find new innovations and technologies to address the problem
- As Dasmariñas encountered difficulties in coming up with different approaches, she ended her message with a quote from Confucius, i.e., “real knowledge is to know the extent of one’s ignorance”.

2.3 Mr. Nikki Delfin, represented the Norwegian Embassy and congratulated PEMSEA, the Province of Cavite and the relevant partners and stakeholders for the successful implementation of the ASEANO Project.

- Underscored that the maritime sector is an area for cooperation between Norway, the Philippines and the ASEAN
- As the 5th largest maritime nation, there are about 25,000 skilled Filipino seafarers on-board the Norwegian ships.
- The ASEANO Project that is funded by NORAD and implemented by NIVA, CSEAS, ASEAN Secretariat and PEMSEA is a reflection of Norway’s commitment to protect the marine environment
- The project has generated learnings and methodologies in the course of its implementation.
- The Government of Norway is proud of the accomplishments and expressed Norway’s continuing support to cultivate the clean ocean challenge in the years to come.

2.4 Ms. Armida Andres, Division Chief, Coastal and Marine Division of DENR-Biodiversity Management Bureau

- Pleased to be part of the ASEANO end of project stakeholders' forum and extended her gratitude to PEMSEA for the successful implementation of the project.
- BMB serves as the focal agency for the ASEAN Working Group on Coastal and Marine Environment and the Philippines has added the aspect of biodiversity and connectivity.
- Bangkok Declaration that was adopted in 2019, which outlines the ASEAN countries' commitment to tackle marine litter and biodiversity
- BMB seeks to ensure the development of policies and programs on tackling marine litter and its linkage to biodiversity and other area-based management approaches, as well as working towards resilient marine ecosystems and promoting ridge to reef approach.
- The ASEANO project is a crucial input to the implementation of the National Plan of Action on Marine Litter. The Imus-Ylang Ylang as a project site and a tributary to Manila Bay supports 2 priority programs of DENR including the implementation of solid waste management and the clean-up and rehabilitation of Manila Bay.
- Hoped that the good practices from the implementation of the project can be replicated and scaled up in other areas; that the project has developed a sustainability plan and strives for continuity and replicability of activities as part of our obligation for the generations to come.

3. Introduction to the Forum and the ASEANO Project

3.1 Ms. Aimee Gonzales, Executive Director of PEMSEA provided the introduction to the ASEANO project including the objectives, target outcomes and a summary of outputs of the 4 components of the project.

- Highlighted that there will be a workshop towards the end of the Forum to identify the tools and studies that were produced from the Project which can be utilized by the LGUs; identify what LGUs and the other sectors can do to move forward; what can be taken on by the LGUs and the other sectors; what can be initiated from the outputs of the Project; and identify further support needed.

3.2 Mr. Renato Cardinal, PEMSEA introduced the objectives and expected outputs from the ASEANO End of Project Stakeholders Forum.

4. Solid Waste and Plastic Issues and Management in the Province of Cavite

4.1 Ms. Anabelle Cayabyab, Head of Cavite PGENRO presented the current status of solid waste management in the province of Cavite.

- The presentation opened with key background information. Cavite generated 6.396,269.03 tons of solid waste per year, the most of any province in CABALARZON. Cavite is seeing population growth, with some cities/municipalities growing much faster than others (Gen. Trias the fastest with 43% growth from 2015 to 2020, Cavite City decreased 2% in same time frame). Dasmariñas is the most populous. Solid waste generation also differs between LGUs, with Bacoor producing the most per day (363 tons per day), followed by Dasmariñas (231). There is differing compliance among LGUs and barangays to waste management practice requirements.
- Plastic surveillance monitoring takes place to look at compliance among market vendors and consumers. Most vendors still used plastic bags. The presence of different businesses is also surveyed, including tracking junk shops within 10 year solid waste management plans. There are greatly differing numbers of junkshops between different LGUs.
- The province is working on managing healthcare waste. Currently healthcare waste is collected in yellow bags, which the province is trying to limit to just healthcare to allow for easy identification. Currently there is a lack of data, even in individual hospitals.
- Some of the ways forward for the Province of Cavite in terms of solid and plastic waste management include:
 - Amendment of the Provincial Plastic Ordinance
 - Updating of the Provincial SWM Plan
 - Preparation of the Provincial Health Care Waste Management Plan
 - Establishment of Provincial MRF
 - Forging partnerships for solid/plastic waste management such as the partnership with DENR on the establishment of temporary containment areas for hazardous waste; establishment of provincial centralized facility for plastics in Tanza, Cavite; partnership with Universal Robina Corp on plastic livelihood project.
- She expressed her hope that the next phase of the study will cover a study on microplastics.

5. Presentation of Project Components and Outputs

5.1 Engineer Carlos Dizon, Lilibeth Novicio (presenting remotely), and Glenn Bryan of the Cavite State University (CvSU) presented on on Component 2: Monitoring Methods and Capacity Building

- The first study established the geomorphology of the Imus river system, identifying different sub-basins and measuring various geomorphological characteristics. Other environmental data was measured for the river basin. Dizon covered various maps and data found. (This information can be found in the full reports.)

- The major source of waste in the river basin is households. However, commercial, institutional, and industrial establishments were also mapped. Looking at households and commercial establishments, an expected waste hotspot lies roughly in the middle of the river basin.
- The value and application of the study includes:
 - Possible policy formulation and amendment on the Cavite Solid Waste Management Plan
 - LGU utilization of the waste generation hotspot maps
 - Guide in putting up waste collection/storage/recovery facilities within the Imus River Watershed.
 - Helps in identifying areas with high concentration of plastic waste in IRW
- Recommendations include:
 - Adoption of an integrated watershed approach in studying litter discharges on river systems of Cavite.
 - Installation of hydroclimatic monitoring stations to gather more comprehensive data that will be helpful in modeling dynamics of litter discharge in a river system.
 - Conduct of a comprehensive waste characterization within the province.
 - Conduct further study on waste concentration through spatial analysis for the whole province of Cavite

5.2 Dr. Johnny Ching, De La Salle University-Dasmariñas on the assessment of plastic pollution in the Imus River

- Dr Ching shared the methodologies and key results from the DLSU-D research that took place as part of the ASEANO project. Key findings include a link between knowledge and attitude, but a lack of a link between either and action. There is also a large willingness to pay, but a limited ability to pay. (Other information and details can be found in the full reports.)
- Recommendations include:
 - Launch massive IEC campaigns targeted at specific practices
 - Involvement of all sectors
 - Intensify implementation of all laws and policies
 - Provision of incentives
 - Consider alternative packaging
 - Invest on R and D for alternative packaging and recycling
 - Promote recycling of plastics
 - Institute a comprehensive national ban on the use of unnecessary SUPs, including supposedly biodegradable or oxydegradable plastics

5.3 Atty. Tess Lacerna, STEP Forward presented on the Study on Plastic Use and Waste Management in the Food Service Industry (FSI) in Dasmariñas City

- 78% of recovered trash is food-related items. This comes from both households and Food Services Industry. This study was carried out while COVID-19 was

having a major effect, initially hurting the FSI. However, the FSI had already started to recover, dominated by delivery and take-away. 2001 Food Service Enterprises was identified during this study, 12% of all businesses in Dasmariñas City.

- FSI are more than 50% aware of plastic bag regulations at barangay, LGU, province, and national levels. 33% are in favor of a SUP ban, 8.7% against, with the rest unsure. 80% are aware of specific company regulations on plastic management. There is a willingness to switch from plastic if it is economical and convenient.
- Waste is generated in food preparation, food service, and clean-up. Many FSEs have plastic reduction initiatives for the food service stage. Regarding official rules, there is weak monitoring and implementation. As it stands, existing ordinance provisions will not make a deep use in plastic reduction (most relate only to plastics as a secondary packaging). Enforcement is not enough, improved public communications are needed as well.
- The value and applications of the study include:
 - Presenting the status of plastic use and waste management in the food service industry in Dasmariñas City.
 - Further understanding of the reason for FSE's bias for plastics and the difficulties in reducing plastic use
 - Identifying appropriate solutions and strategies that will support economic, environmental and social goals.
- Recommendations include:
 - Institutional Reform/Support (regulations; strengthen monitoring and enforcement; setting up of MRFs; capacity building activities)
 - Strengthening the FSI (organization of FSI; roadmap)
 - Coordination and collaboration

5.4 Mr. Gregg Yan and Mr. Thomas Bell presented the outputs of the project's component on education, communication and knowledge sharing

- The project implemented a 360 degree communications strategy. Communications are coming closer to people, so we have created the #buhayilog map, featuring 22 stations indicative of various issues, challenges, and solutions.
- The ASEANO studies have been laymanized, and stories focusing on individual people have been created. These actions should help break down scientific concepts into understandable terms.
- Detailed reports for knowledge sharing and policy making include the scientific reports and studies covered earlier and an LGU toolkit.

5.5 Highlights of the discussion are summarized below:

- On communicating the results and outputs of the project. The communication and dissemination of project outputs is a continuing effort.

- Initiatives and best practices of the LGUs can be forwarded to PEMSEA for uploading in the PEMSEA-ASEANO website and for inclusion in newsletters and e-bulletins for wider dissemination.
 - The SEAKB-ASEANO microsite can be linked to the province's website.
 - Results of the studies are downloadable from the ASEANO microsite and are ready for dissemination.
- PGENRO indicated that the results and outputs from the Project will be considered in the development of action plans for the Imus-Ylang Ylang WQMA and the recommendation to organize the FSI was well-taken.
- On the availability of microplastics study on fish tissues. CVSU indicated that a microplastics research in Bacoor was conducted and that the results can be shared to the interested participants.
- PENRO clarified whether the study on watershed characterization has considered the existing DENR Guidelines on smoothed .shp files, which is available through NAMRIA. CVSU indicated that they coordinated with NAMRIA and used NAMRIA's DEM (digital elevation map) in the watershed boundary and was validated on-the-ground. The main issue in establishing the boundaries is the resolution of the DEM. CVSU indicated that they will look into DENR's policy/guideline on watershed characterization.
- PENRO further pointed out the following:
 - Results of academic researches should lead to policy formulation. A unit in the academe that translates the research results into policy recommendations and how the policy can be implemented would be helpful. Lobbying was recommended through collaboration with a political entity to have the policy recommendations passed into law.
 - Coordination with relevant agencies/institutions is necessary to reduce duplication of effort, e.g., the availability of smoothed .shp files which were officially endorsed from NAMRIA to FMB
 - DENR-PENRO is open in providing technical assistance in the implementation of environmental policies and programs.
- CVSU indicated that previous research study on watershed characterization was used as basis in developing an upstream/upland policy.
- On whether the watershed characterization study has considered the locations of the informal settlers. It was clarified that GIS-based land-use was used in the study and was generally classified as residential or built-up areas and not specific on informal settlers.

6. Stakeholders Feedback and Recommendations

6.1 At the end of the day, a workshop was held to discuss aspects of the project and ways to implement its learnings and add to its sustainability. The participants were grouped into 3, i.e., 1) National government; 2) provincial and municipal LGUs; and 3) private sector, academe and NGOs. These groups were requested to provide feedback on the relevance and sustainability of outputs, recommendations on how to move forward, what the LGUs and the different sectors can take on, and what activities need further assistance. Results of the workshop were presented in plenary.

6.2 The NGO/Commercial/Academe group stated that the project was beneficial, with potential impact on policy and thus on plastic waste. Corporate social responsibility was seen as a useful tool, helping communities or education or the environment, or all 3.

6.3 The local government group stated that further assistance was needed on waste classification and analysis studies (WACS) and updating of SWM plans, developing IEC materials for different target audiences, forging private sector collaboration for joint programs on waste management, and organizing FSIs (eg. providing incentives for compliant FSIs like commendation and awards or certificates).

6.4 The national government group stated that the outputs of the project are highly relevant to the management of plastic generated from households, SMEs, commercial, and institutional establishments. It will serve as a useful baseline reference for more specific studies on plastic purpose, production, use, re-use, recycling, and waste management.

6.5 Overall, recommendations include revise the provincial ordinance to ban single use plastics to a more realistic banning of single use and unnecessary plastics only, establish permanent nets on shorelines with heavy pollution, containers for gathered debris, reorganize environmental warriors, support Manila Bay cleanup drive, partner with private sector, create new innovative programs that provide livelihoods for local communities. The national government representatives had specific recommendations for LGUs in terms of helping inform the development of the LGU roadmap under the National Action Plan on Marine Litter.

7. Closing Remarks

7.1 Mr. Mojica, Provincial Administrator for Community Affairs indicated that plastics is a big problem in the province. The province currently has no centralized facility. The Governor plans to put up sanitary landfills (SLF) at 3 sites (i.e., upland, midland and lowland) in compliance with RA 9003. Proposals for the establishment of SLFs including waste to energy technology are currently being reviewed to ensure that the appropriate facility and technology will be adopted and implemented in the province. He highlighted that

90% of wastes are recyclable and only 5% are residuals and for disposal in landfills. Mr. Mojica thanked PEMSEA and the participants for the successful conclusion of the project. He expressed confidence that the outputs, findings and recommendations will be put into

good use. Finally, Mr. Mojica mentioned that the province welcomes the 2nd phase of the project.

7.2 On behalf of the PRF, Mr. Thomas Bell, ASEANO Project Manager thanked the Provincial Government of Cavite and the participants for their active participation and for their valuable contribution in the implementation of the project.

ANNEX 1: PROGRAM

Time	Description	Remarks
8:00 – 9:00	Registration (and Covid 19 Antigen Testing)	
9:00 – 9:30	Opening Ceremony <ul style="list-style-type: none"> • Prayer • National Anthem • Welcome Remarks <ul style="list-style-type: none"> ○ Vice Governor Athena Bryana Tolentino, Cavite ○ Mayor Jenny Barzaga, Dasmariñas City ○ Ambassador Bjorn Jahnsen, Norway ○ Division Chief Armida P. Andres, Coastal and Marine Division BMB-DENR 	
9:30 – 9:40	Acknowledgement of Participants	PG-ENRO
9:40 – 9:55	Overview of the ASEANO Project and Introduction to the Forum <ul style="list-style-type: none"> • Project Objectives, Target Outcomes and Outputs • Objectives of the Forum 	Ms. Aimee Gonzales, Executive Director, PEMSEA
9:55 – 10:10	<ul style="list-style-type: none"> • Solid Waste and Plastic Issues and Management in Cavite Province 	Ms. Anabelle Cayabyab PG-ENRO Cavite
10:10 – 10:30	<ul style="list-style-type: none"> • Group Photo • Break 	
	Presentation of Project Components and Outputs	
10:30 – 11:00	Component 2: Monitoring Methods and Capacity Building Summary of the Outputs including the: <ul style="list-style-type: none"> • Mapping and Characterization of the Imus River Watershed (CVSU) • Mapping of Pollution Sources (CVSU) 	Dr. Noel A. Sedigo/ Dr. Lilibeth P. Novicio/ Prof. Jose Carlo Dizon CVSU
11:00-11:30	Component 3: Impacts of plastic pollution and measures Summary of the Outputs including the: <ul style="list-style-type: none"> • Survey of Plastic Litter Along Imus River (DLSU-D) • Assessment of Water Quality (DLSU-D) • Assessing Knowledge, Attitude and Practices (DLSU-D) • Social Implications of Plastic Pollution Mitigation Initiatives along Imus River (DLSU-D) 	Dr. Johnny Ching, DLSU
11:30-12:00	Component 1: Reduction Measures of the Industry Sector Summary of the Outputs including the: <ul style="list-style-type: none"> • Study on Plastic Use and Waste Management in the Food Service Industry (FSI) 	Atty. Tess Lacerna, STEP Forward
12:00 – 1:00	LUNCH	
1:00-1:30	Component 4: Education and Communication Summary of the Outputs including the: <ul style="list-style-type: none"> • ASEANO-SEA Knowledge Bank • LGU Toolkit 	Mr. Gregg Yan/ Mr. Thomas Bell, PEMSEA

	<ul style="list-style-type: none"> • Other Communication Materials 	
1:30 – 3:15	<p>Stakeholders’ Feedback and Recommendations</p> <ul style="list-style-type: none"> • Feedback from Participants (Relevance of Outputs) • How to sustain the activities; • Recommendations moving forward; • What can LGUs/Cavite Province undertake; • What Activities need further assistance. 	PEMSEA/PG-ENRO
3:15 – 3:30	Break	
3:30 – 3:45	<p>Summary and Synthesis</p> <ul style="list-style-type: none"> • Presentation of Consolidated Feedback and Recommendations 	
3:45 – 4:00	<p>Closing Ceremony</p> <ul style="list-style-type: none"> • Provincial Government of Cavite • PEMSEA 	<p>Dr. Alvin S. Mojica Provincial Administrator – Community Affairs Province of Cavite</p> <p>Ms. Aimee Gonzales (PEMSEA)</p>
<p>Master of Ceremony: PG-ENRO Overall Facilitator: Renato Cardinal</p>		

ANNEX 2: Participant attendance forms



PROVINCIAL GOVERNMENT- ENVIRONMENT AND NATURAL RESOURCES OFFICE
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 July 6, 2022



ATTENDANCE

CENRO/ MENRO

NAME	OFFICE	DESIGNATION	CONTACT NUMBER	EMAIL ADDRESS	SIGNATURE
10. Vanessa Vivien A Salazar	MENRO - Silang	Staff	09054724705	Vanessavivien@gmail.com	<i>[Signature]</i>
11. Neil Derrick B. Oliveros	MENRO - Silang	Staff	0995-8372-762	oliverosderrick@yahoo.com	<i>[Signature]</i>
12.					
13.					
14.					
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ATTENDANCE

CENRO/ MENRO

NAME	OFFICE	DESIGNATION	CONTACT NUMBER	EMAIL ADDRESS	SIGNATURE
1. MS. ELOISA AGUIRRE	DASMA - CENRO	CENR Officer	09193443911		<i>[Signature]</i>
2. MS. GRACE F. GANADORES (for Mr. Rolando Vocalan)	BACCOOR - CENRO	CENR Officer	(046) 481-4128	cenrobaccoorcity@gmail.com	<i>[Signature]</i>
3. MR. EDGARDO S. CHAVEZ	MENRO - NOVELETA	MENR Officer	093228818127	edchavez12@yahoo.com	<i>[Signature]</i>
4. MR. GALICANO COLUMNNA	MENRO - KAWIT	MENR Officer	09397257224	Kawit-tran.kp@gmail.com	<i>[Signature]</i>
5. DR. RENATO ESCUREL	GEN. TRIAS CITY - CENRO	CENR Officer	0975399467		<i>[Signature]</i>
6. MS. MERLINA CABRERA	SILANG - MENRO	MENR Officer	* 2 REPRESENTATIVES (2)		
7. MR. MAYNARD AMBION	AMADEO - MENRO	MENR Officer	0917 1493408		<i>[Signature]</i>
8. MS. DOROTEA SAGENES	IMUS CITY - CENRO	CENR Officer			
9. MR. OSCAR LAURENCIANA <i>Oliver Bico</i>	TAGAYTAY - CENRO	CENR Officer	0961-331-1255	wcs25831@gmail.com	* present



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ATTENDANCE

PROVINCIAL OFFICES

NAME	OFFICE	DESIGNATION	CONTACT NUMBER	EMAIL ADDRESS	SIGNATURE
1. MS. MAYLEEN ARCUSA (For Mr. Renato Abutan)	OFFICE OF THE PROVINCIAL ADMINISTRATION FOR INTERNAL AFFAIRS	Admin Officer IV	414-0494	mbarcusa@yahoo.com	
2. MR. ALVIN MOJICA	OFFICE OF THE PROVINCIAL ADMINISTRATION FOR COMMUNITY AFFAIRS	Provincial Administrator	6918833897	alvin.s.mojica@regionat.com	
3. MS. ELOISA G. ROZUL <i>KATHA I PERALDO</i>	PDRMO	Department Head	0917837489		
4. ATTY. ANNALIZA P. MERCENE- PULMONES	PLO	Department Head			
5. MS. SHIELA HERRERA (for Engr. Lorna R. Leyran)	PPDO	Planning Officer III	07174902882	ppdo.cante@yahoo.com	
6. MS. EVELYN M. REYES	PICAD	Department Head	09171195759	picad.cante@gmail.com	
7. MR. EDRICH CAPARAS (for Ms. Lolita C. Pereña)	OPA	<i>PROVINCIAL ADMINISTRATOR II</i>	419253	edrichcaparas@gmail.com	
8. ENGR. PAULO DYNE PEJI (for Engr. Gilbert V. Gandia)	PEO				



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ATTENDANCE

NATIONAL GOVERNMENT AGENCY (NGA)

NAME	OFFICE	DESIGNATION	CONTACT NUMBER	EMAIL ADDRESS	SIGNATURE
1. DIR. NOEMI PARANADA	DENR-EMB R4A	Regional Director			
2. MR. MICHAEL DAPDAPIG	DENR-EMB R4A WQMA	Focal Person	09276183347	dapdapig@yahoo.com	
3. MR. MARVIN B. OAKES (for For. Januel R. Peras)	DENR - PENRO	FOR. III	099970654321		
4. DIR. NILO B. TAMORIA, CESO III	DENR-CALABARZON	Regional Executive Director			
5. DIR. LIONEL L. DALOPE, CESO V <i>I HERRERA</i>	DILG - DIRECTOR	Provincial Director	09955282044		present
6. ENGR. ALDWIN ANACAYA (for Engr. Oscar U. Dela Cruz)	DPWH - DISTRICT ENGINEER OFFICE	Engineer I	09052806710	aldwinanacaya@gmail.com	
7. MR. JUN GREGORIO	DILG	ASA VI	0915299211		
8. MARVIN B. OAKES	DENR - PENRO, CAPIG	FOR. III			
9. J. PERAS	DENR - PENRO	OIC	0995-167 0106		present
10.					



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ATTENDANCE

PARTNERSHIP IN ENVIRONMENTAL MANAGEMENT FOR THE SEAS OF EAST ASIA (PEMSEA)

NAME	OFFICE	DESIGNATION	CONTACT NUMBER	EMAIL ADDRESS	SIGNATURE
1. MS. NANCY BERMAS	PEMSEA	SENIOR PROGRAMMING PROJECT MANAGER	09398061825	nbermas@pemsea.org	
2. MR. GREGG YAN	PEMSEA	CONSULTANT	0917 893 4934	gshunin077@gmail.com	
3. ATTY. MARIA TERESA LACERNA	PEMSEA	CONSULTANT	8917 8105267	lss.lacerna@gmail.com	
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6.					
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PARTNERSHIP IN ENVIRONMENTAL MANAGEMENT FOR THE SEAS OF EAST ASIA (PEMSEA)

NAME	OFFICE	DESIGNATION	CONTACT NUMBER	EMAIL ADDRESS	SIGNATURE
1. MS. AIMEE T. GONZALES	PEMSEA	Executive Director			
2. MR. THOMAS BELL	PEMSEA	Science Communication Officer			
3. MS. DAISY PADAYAO	PEMSEA	Country Manager	09185169158	dypadayao@pemsea.org	
4. MS. ELSIE MERINA	PEMSEA	Program Assistant	09777004917	elsie.merina@pemsea.org	
5. MR. RENATO CARDINAL	PEMSEA	Consultant			
6. MR. ARSERIO ARSENIO DACAYAT, JR. DACAYAT JR	PEMSEA	I.T.	09308869893	jdacaymat@pemsea.org	
7. MS. AIYINNA MIKAELA MAPE	PEMSEA	Project Coordinators	09262880303	pemsea.coordinator@gmail.com	
8. MR. REAGAN PANGILINAN	PEMSEA	Project Coordinators	09483742540	pemsea.coordinator@gmail.com	



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ATTENDANCE

LOCAL GOVERNMENT UNIT (LGU)

NAME	OFFICE	DESIGNATION	CONTACT NUMBER	EMAIL ADDRESS	SIGNATURE
11. HON. ALEX L. ADVINCULA	IMUS CITY - OFFICE OF THE MAYOR	MAYOR			
12. HON. ABRAHAM TOLENTINO	TAGAYTAY - OFFICE OF THE MAYOR	MAYOR			
13.					
14.					
15.					



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LOCAL GOVERNMENT UNIT (LGU)

NAME	OFFICE	DESIGNATION	CONTACT NUMBER	EMAIL ADDRESS	SIGNATURE
1. HON. JENNIFER A. BARZAGA	DASMA - OFFICE OF THE MAYOR	MAYOR			
2. MR. KEVIN P. TAPAWAN	DASMA - SP ON ENVIRONMENT	CHAIRMAN			
3. MS. JENNIFER IBAYAN	DASMA - CAO	CITY AGRICULTURIST	0946 3875005	jenjcm29@gmail.com	present
4. HON. DINO R. CHUA	NOVELETA - OFFICE OF THE MAYOR	MAYOR			
5. HON. LUIS FERRER IV	GEN. TRIAS CITY - OFFICE OF THE MAYOR	MAYOR			
6. HON. ANGELO EMILIO B. AGUINALDO	KAWIT - OFFICE OF THE MAYOR	MAYOR			
7. HON. ATTY. KEVIN A. ANARNA	SILANG - OFFICE OF THE MAYOR	MAYOR			
8. ENGR. REDEL JOHN B. DIONISIO	AMADEO - OFFICE OF THE MAYOR	MAYOR			
9. HON. STRIKE REVILLA GRACE F. GANADORES (clonpo)	BACCOOR - OFFICE OF THE MAYOR	MAYOR	(046) 481-4128	centrbacapacity@gmail.com	



PROVINCIAL GOVERNMENT ENVIRONMENT AND NATURAL RESOURCES OFFICE
 End of Project Stakeholders' Forum on the Results of the ASEAN- Norwegian Cooperation
 Project on Local Capacity Building for Reducing Plastic Pollution in the
 ASEAN Region (ASEANO Project)
 July 6, 2022



ATTENDANCE

FOOD SERVICE INDUSTRY

NAME	OFFICE	DESIGNATION	CONTACT NUMBER	EMAIL ADDRESS	SIGNATURE
1. MR. EFRON NOTAR (for Charmaine Herrera)	GREENWICH DASMA BAYAN	Store Manager	0977-966-0957	efrannotar@gmail.com	
2. MR. ERICO R. FERNANDO	GOLDSMITHS SM DASMA	Manager	09231041425		* Present
3. MR. GILBERT OBLANCA	KFC SALITRAN	General Manager			



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ATTENDANCE

NON-GOVERNMENT ORGANIZATION

NAME	OFFICE	DESIGNATION	CONTACT NUMBER	EMAIL ADDRESS	SIGNATURE
1. REV. FR. MICHAEL REUBEN CRON	Caritas DIOCESE OF IMUS, Inc. Social Action Comm.	Ministry on Ecology			
LORNA A. UNAS	DIMEC	CORE STAFF MEMBER	09156522296	lormauna@gmail.com	
Cherrylyn T. Reyes	Caritas Diocese of Imus	Caritas Lay Pastoral worker	0925 9284029	lpwimuscherry@gmail.com	



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ATTENDANCE

PRIVATE SECTOR

NAME	Office	Designation	Contact Number	E-MAIL ADDRESS	Signature
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3. MR. JAMES CHING	Provincial PCCI Cavite	President			
4.					
5.					
6.					
7.					
8.					
9.					



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ATTENDANCE

ACADEME

NAME	OFFICE	DESIGNATION	CONTACT NUMBER	EMAIL ADDRESS	SIGNATURE
1. BR. AUGUSTINE BOQUER FSC, EdD	DE LA SALLE UNIVERSITY - DASMA	President			
2. MR. JOHNNY A. CHING	DE LA SALLE UNIVERSITY - DASMA	Director - University Research Office	09328681662	jaching@dlsu.edu.ph	
3. DR. HERNANDO D. ROBLES	CAVITE STATE UNIVERSITY	President			
4. MR. GLEN BRYAN CREENCIA (for Prof. Noel A. Sedigo)	CAVITE STATE UNIVERSITY	Instructor	09201248284	gcreencia@cvsu.edu.ph	
5. DR. LILIBETH P. NOVICIO	CAVITE STATE UNIVERSITY	Department Chair	via zoom		
6. ENGR. JOSE CARLO R. DIZON	CAVITE STATE UNIVERSITY	Instructor	09165934984	josedizon@cvsu.edu.ph	
7. DR. JEMEKSON N. DOMINGUEZ	DLSU-DASMARINAS	MEMBER - DEBU-D ETHICS REVIEW COMMITTEE	09328881207	jndominguez@dlsud.edu.ph	
8. Ms. Geraldine C. Zamora	DLSU - Dasmarinas	RIMEC - URO	09272403719	gzamora@dlsud.edu.ph	