

# **2022 Accomplishment Report of PEMSEA**

Prepared by the PEMSEA Resource Facility (PRF)

## **Executive Summary**

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2022 was a year of continued adaptive management for PEMSEA as countries in the EAS region were slowly coming out of hibernation and managing the effects of COVID, rising inflation, climate impacts, natural disasters and other upheavals. PRF drafted a calibrated work plan adjusted to a blended approach (online and offline) of delivering technical and financial services with great success.

Highlights of the 2022 accomplishments vis a vis the annual targets include:

### **Objective 1: Secure PEMSEA's financial and operational sustainability for 2022-2023 between USD 1-2 million annually**

#### Accomplishments

- **Meeting the projected income of almost 2mln USD in 2022 and more than doubling the amount in 2023 (see Table 1 below),** through various sources:

for 2022

- a) Contributions from country partners
- b) Year 3 of the UNDP/GEF Arafura Timor Seas Ecosystem Action Program
- c) Final year of the ASEAN-Norwegian Cooperation Project on Local Capacity Building for Reducing Plastic Pollution in the ASEAN Region (ASEANO)
- d) GIZ-EU Project on Port Waste Management in Philippine Ports
- e) Coca-Cola Foundation PH Project on Ecological Solid Waste Management in Cavite, Philippines

for 2023

- f) Contributions from country partners
- g) Year 4 of the UNDP/GEF Arafura Timor Seas Ecosystem Action Program
- h) Approval of new multilateral grants, namely the UNDP/GEF/ASEAN/PEMSEA Reducing marine pollution and preserving environmental flows in the EAS region through the implementation of integrated river basin management in ASEAN countries and the ROK funded marine litter project approved at the end of 2022
- i) Expected project approval of IKI Reducing Maritime Transport Emissions in East and Southeast Asian Countries: Blue Solutions project and ASEANO Phase 2

**Table 1. Summary of projected revenue sources for 2022 and 2023.**

<b>Identified Source of Revenue</b>	<b>2022</b>	<b>2023</b>
<b>PRF</b>		
Japan	125,000	125,000
ROK	45,000	45,000
Singapore	20,000	
China	75,000	75,000

Identified Source of Revenue	2022	2023
Cambodia	7,000	
Timor Leste	50,000	50,000
Indonesia		40,000
ATSEA2 Execution Fee*	61,489	51,349
IRBM Execution Fee*		145,936
GIZ Management Fee*	7,390	
IKI Management Fee*	17,174	156,222
Coke Foundation Management Fee*	4,649	
Interest Income from bank Deposit	200	200
<b>SUB-TOTAL PRF Source of Funds</b>	<b>412,901</b>	<b>708,707</b>
<b>PROJECT FUNDS</b>		
ATSEA 2	1,024,817	855,814
IRBM		1,678,263
ASEANO	106,950	80,000
IKI	264,211	2,403,419
GIZ	73,898	
IPA	13,899	
DENR	10,000	
Coke Foundation	46,485	
<b>SUB-TOTAL Project Funds</b>	<b>1,540,260</b>	<b>5,017,496</b>
<b>TOTAL</b>	<b>1,953,161</b>	<b>5,726,203</b>

**Objective 2: Ensure the complete delivery of the adjusted SDS-SEA Implementation Plan 2018-2022**

CY 2022 is the last year of implementing SDS-SEA IP 2018-2022. A snapshot of the 2022 performance is indicated in the table below. A full report is linked [here](#) for your reference. This report will be shared at the 30th Executive Committee meeting scheduled on 28 March 2023 and circulated to all country partners during the 15th EAS Partnership Council meeting in July 2023.

**Table 2. Status of implementing the SDS-SEA IP 2018-2022.**

PRIORITY MANAGEMENT PROGRAMS		
Biodiversity Conservation	Climate Change and Disaster Risk Reduction	Pollution Reduction and Waste Management
<p>MPA/MPA networking</p> <p>Migratory marine species</p> <p>Blue carbon/green infrastructure</p>	<p>Vulnerable/hazard risks to coastal communities and economies</p> <p>Sustainable Cities</p> <p>Green ports/green shipping</p>	<p>Pollution/nutrient management</p> <p>Integrated waste management, plastics circular economy</p> <p>Integrated river basin management (source-to-sea approach)</p> <p>Renewable Energy</p>
PRIORITY GOVERNANCE PROGRAMS		
Ocean Governance and Strategic Partnerships	Knowledge Management and Capacity building	Blue Economy Investments and Sustainable Financing
<p>National ocean policies, institutional arrangements, and legislation</p> <p>State of the Coasts reporting system</p> <p>Enhanced access to financing for SDS-SEA IP</p> <p>Enabling partnerships and networks</p>	<p>Regional knowledge hub for ocean and coasts</p> <p>Regional training and technical support/services</p> <p>Targeted research projects</p>	<p>Ocean Investment Facility and Fund</p> <p>Pipeline of investable blue economy projects (IKI project preparation)</p> <p>Public-private partnerships/business sector working examples/templates</p>
<p><b>Legend:</b></p> <p><b>Green:</b> Programs where targets were met</p> <p><b>Yellow:</b> In Progress</p> <p><b>Red:</b> Initiatives that have yet to take off or were put on hold in 2022 but will be implemented in 2023</p>		

Other notable accomplishments include the completion of the [2023-2027 SDS-SEA Implementation Plan](#). This implementation plan is a critical document which spells out the actions and commitments needed to secure UN SDG 14 and other relevant goals to promote sustainable, inclusive and resilient blue economies in the EAS region. The plan is also gender sensitive as it incorporates actions that are based on gender equality and social inclusion actions and programs in countries and regional projects in the next five years.

The EAS PC also endorsed the [Regional Strategy on Biofouling Management](#) which spells out regional and national plans and programs to manage invasive aquatic species and biofouling in the region.

These strategies will be pursued by PEMSEA country partners and relevant stakeholders and monitored by the PEMSEA Resource Facility and reported to the annual EAS Partnership Council and submitted for endorsement by the ASEAN WG on Maritime Transport and reported to the international council meeting of the International Maritime Organization, through the [UNDP/GEF/IMO Glofouling Partnerships Project](#).

The endorsement of the Regional Ecosystem Approach to Fisheries Management Plan and the Regional Sea Turtle Protection Plan of the four countries ( Australia, Indonesia, Papua New Guinea and Timor Leste) bordering the Arafura Timor Seas. This is significant as it complements the same approach adopted by the Coral Triangle countries in the EAS region.

### **Objective 3: Secure strategic partnerships and other high profile collaborative activities**

- Election of new leaders for the EAS Partnership Council (PC) and the PEMSEA Network of Learning Centres (PNLC)
- Expansion of PEMSEA networks with the:
  - Redesignation of State Key Laboratory of Marine Pollution (SKLMP) in City University of Hong Kong as a PEMSEA Regional Center of Excellence in Marine Pollution(see article [here](#));
  - Catanduanes State University (CatSU) and De La Salle University – Dasmariñas (DLSU-D) of the Philippines as members of the PEMSEA Network of Learning Centers (see item 2.0 of the [29th EC Meeting Proceedings](#));
  - The province of Gorontalo, Indonesia and the National Ocean Technology Center of China’s Ministry of Natural Resources joined the PNLG as its 56<sup>th</sup> and 57<sup>th</sup> member, respectively (articles [here](#)).
- Established protocols to operationalize the PNLC charter (See [PNLC Operational Plan 2022-2027](#) and [PNLC Financial Sustainability Plan](#))
- Successful organization of the 2022 PNLG Forum, with the theme, “Strengthening Coastal Resilience Towards Sustainable Local Blue Economies,” in partnership with the Tangerang regency on 25-28 October 2022
- Successful organization of the [2022 EAS Ocean and Climate Dialogue](#) on 6 June 2022. The dialogue was the first of its kind in the region following the call for the Ocean and Climate Global roundtable in the [Glasgow Climate Pact](#). In the dialogue, country partners shared their climate national adaptation plans and/or transition to net zero energy emissions as part of their nationally determined contributions to achieve the goals of the UN Framework Convention on Climate Change (UNFCCC).

Further details on the results of specific activities under the 2022 workplan can also be gleaned from the table below.

## OUTCOME 1

*The Secretariat is effectively led and has sufficient financial and human resources to deliver on the strategic priorities of the [SDS-SEA IP 2018-2022](#) in light of COVID-19, taking into account relevant international commitments, reviews and evaluations.*

**Output 1.1.** *Effective delivery of core services to ensure that the Secretariat can achieve the targets of the SDS-SEA IP 2018-2022 (final year), and [SDS-SEA IP 2023-2027](#) (starting year), the [Preah Sihanouk Ministerial Declaration](#) and [EASC 2021](#) recommendations and conclusions in light of the COVID-19 pandemic.*

No.	Activity	Status	Major accomplishments/remarks
1.1.1.a	Strengthen revenue generation, monitoring, evaluation and reporting, risk management and financial management of PEMSEA based on the decisions of the 14th EAS Partnership Council in response to the COVID-19 situation and relevant recommendations of PEMSEA EASC 2021	Completed	Despite the uncertainties and restrictions posed by Covid 19, PRF was able to adapt and manage its operations well in 2022.
1.1.1.b	In line with the Preah Sihanouk Ministerial commitment, the Secretariat facilitates the effective implementation of Voluntary Contribution Agreement by Partners	Ongoing	In 2022, the following countries provided voluntary contributions to PEMSEA: Cambodia, China, Japan, Philippines, RoKorea, Singapore and Timor Leste (see Table 1)  Vietnam and Indonesia are working on securing their country contribution for 2023 onwards

**Output 1.2.** *Effective planning and servicing of the annual meeting of the EAS PC and the biannual meetings of the EC, including the preparation and dissemination of documents in accordance with the PEMSEA Rules of Governance.*

No.	Activity	Status	Major accomplishments/remarks
1.2.1.a	Provide all relevant documentation to partners, chairs, and co-chairs ahead of the 14 <sup>th</sup> EAS PC Meeting and the 28 <sup>th</sup> and 29 <sup>th</sup> EC Meetings <sup>1</sup>	Completed	
1.2.1.b	Publish the proceedings of the 14th EAS PC Meeting and the 28th and the 29th Meetings of the Executive Committee and share the same to all PEMSEA partners and the public	Completed	The proceedings of these meetings can be found <a href="#">here</a>

**Output 1.3.** *Effective and regular consultations and interactions with Partners.*

No.	Activity	Status	Major accomplishments/remarks
1.3.1.a	Implement the 2022 Audit Plan	Completed	All of the recommendations cited in the Audit Committee have been responded to by PRF.
1.3.1.b	Arrange one Audit Committee meeting during the year and report on the activities of the Committee to the Executive Committee	Completed	The 2022 PEMSEA Audit Committee Meeting was conducted online on 5 April 2022. The results of the meeting were then reported to the EC. A copy of the minutes of the meeting may be accessed <a href="#">here</a>

<sup>1</sup> The 28<sup>th</sup> and 29<sup>th</sup> EC Meetings were held on 24 March 2022 and 29 November 2022, respectively.

No.	Activity	Status	Major accomplishments/remarks
1.3.2.a	Conduct consultations with senior representatives of Country and Non-Country Partners re: operationalization of EASC 21 outcomes	Completed	The EAS Partnership Council approved the redesignation of HK State Key Laboratory on Marine Pollution as a Regional Center of Excellence (RCOE) during the 14th EAS PC Meeting on 27 July 2022.
1.3.3.a	Facilitate the operationalization of the key elements of the organization, the PNLC Charter, and the training and capacity development plan	Completed	The 2022-2027 PNLC Operationalization Plan may be viewed <a href="#">here</a> . The discussion paper on the PNLC Financial Sustainability may be accessed <a href="#">here</a> .
1.3.3.b	Facilitate the implementation of the PNLC Strategic Action Plan 2022-2030	Ongoing	2022 activities were completed. See report by Dr. Yonvitner at the EC 29 Council meeting.
1.3.4.a	Update and monitor internal policies, controls, procurement, and risk management measures and their implementation	Completed	A copy of the internal audit report is available from the Secretariat upon request.
1.3.4.b	Review, update and maintain PEMSEA's ISO 9001:2015 certified Quality Management System	Completed	The organization continued its implementation of the Quality Management System (QMS) in accordance with ISO 9001:2015. An internal audit of the PRF's QMS was conducted during the second quarter of 2022 and confirmed that the current QMS is in line with the requirements outlined in ISO 9001:2015. The results of the internal audit are available upon request..





## OUTCOME 2

*The Secretariat executes projects and initiatives aligned with the SDS-SEA with country, non-country partners and local governments for 2022-2023*

**Output 2.1.** *Perform PEMSEA project management, technical services, capacity building, and monitoring services through key initiatives for effective action and scalable solutions at the regional, national and local levels*

No.	Activity	Status	Major accomplishments/remarks
2.1.1.a	Under the UNDP/GEF Arafura and Timor Seas Ecosystem Approach Phase 2: <ul style="list-style-type: none"> <li>• see <a href="#">Annex 1</a></li> </ul>	Ongoing project until 2024	Key accomplishments at the regional level: <b>On Project Component 1 (regional, national, and local governance for large marine ecosystem [LME]management)</b> <ul style="list-style-type: none"> <li>• Completion of the Regional Training on Climate Change where results of the climate change vulnerability assessment (CCVA) for the ATS Region and the <a href="#">Guide for Decision-Makers</a> were disseminated</li> <li>• As part of the Transboundary Diagnostic Analysis (TDA) updating process, the following were completed:               <ul style="list-style-type: none"> <li>○ TDA Inception Workshop</li> <li>○ Establishment of NWGs per country and RWGs (except Australia due to ongoing reorganization)</li> <li>○ NWG meetings on TDA updating</li> <li>○ Additional primary data gathering in Indonesia, Timor-Leste and PNG</li> <li>○ Draft Country Synthesis Reports</li> <li>○ Causal Chain Analysis Report</li> </ul> </li> </ul> <b>On Project Component 2 (Improving LME carrying capacity to sustain provisioning, regulating and supporting ecosystem services)</b> <ul style="list-style-type: none"> <li>• Completion of the <a href="#">Red Snapper Regional EAFM Plan</a></li> </ul>

No.	Activity	Status	Major accomplishments/remarks
			<ul style="list-style-type: none"> <li>● Conduct of Webinar on Rights-based Management of Fisheries on 21 November 2022</li> <li>● Conduct of Fisheries Intelligence Training on 5-8 April 2022 (hybrid mode)</li> <li>● Conduct of the G-20 Workshop on Combating IUU Fishing on 7-9 June 2022 (hybrid mode), a joint Initiative with RPOA-IUU and MMAF of Indonesia</li> <li>● Conduct of Workshop on Sea Turtle Experts on 20 April 2022 to refine the Regional Sea Turtle Action Plan</li> <li>● Conduct of Quarterly Webinars and Regional Exchange on Marine Pollution</li> </ul> <p><b>On Project Component 3 (Knowledge Management)</b></p> <ul style="list-style-type: none"> <li>● Timely release of several publications and articles on the ATSEA Website, including: <ul style="list-style-type: none"> <li>○ <a href="#">2021 Annual Project Progress Report</a></li> <li>○ <a href="#">3 Quarterly E-newsletters</a></li> <li>○ <a href="#">8 articles submitted to IW:Learn</a></li> </ul> </li> <li>● Ongoing integration of ATS Information into the <a href="#">PEMSEA SeaKnowledge Bank</a></li> <li>● Initiated collaboration with CTI on expansion of CT atlas</li> <li>● Online publishing of various <a href="#">regional and thematic reports</a></li> <li>● Dissemination of ATS information in various global/regional forums (see list <a href="#">here</a>)</li> </ul> <p>Proceedings of the 4th RSC Meeting on the GEF/UNDP/PEMSEA ATSEA-2 Project may be accessed <a href="#">here</a>.</p> <p>Proceedings of the RSC Meeting on the ATSEA-2 Project Midterm Review may be accessed <a href="#">here</a>.</p>

No.	Activity	Status	Major accomplishments/remarks
Under the ASEAN-Norwegian Cooperation Project on Local Capacity Building for Reducing Plastic Pollution in the ASEAN Region (ASEANO):			
2.1.2.a	Build knowledge and capacity to tackle plastic pollution from key sources in the ASEAN region, particularly from the food service industry	Completed	A Study on plastic use and waste management in the food industry was developed. The primer is available <a href="#">here</a> . The project report may be accessed <a href="#">here</a> .
2.1.2.b	Review current measures to reduce the impacts of plastic pollution and their implications on socioeconomic development and the environment with particular focus on the city/municipal level.	Completed	In collaboration with the Norwegian Institute for Water Research (NIVA) and De La Salle University - Dasmariñas, a study assessing the socioeconomic implications of plastic pollution mitigation initiatives in Imus River, Cavite, Philippines was conducted, The report, published on 19 April 2022, may be accessed <a href="#">here</a> .
2.1.2.c	Demonstrate and help develop local capacity to quantify the release, transport, and fate of plastic pollution and their future trends under different management options with the view of developing targeted and cost-efficient measures for the reduction of plastic waste.	Completed	A digital toolkit, accessible to the public, was developed to provide quick access to relevant documents that can assist local governments in developing the most feasible and applicable approaches to reducing plastic waste in their locales.  The toolkit includes relevant international and regional policies related to plastic waste reduction as well as best practices from various case studies in the region. It also includes the link to the empirical researches conducted during the ASEANO project implementation period. The toolkit may be viewed <a href="#">here</a> .

<sup>2</sup> Such as the adoption of the SDS-SEA in 2003, conduct of the UNDP/GEF Project on Scaling up the Implementation of the SDS-SEA and select PRF projects, and the implementation of certain activities of the PNLG, PNLC, and the PEMSEA Network of Young Leaders (PNYL)

No.	Activity	Status	Major accomplishments/remarks
2.1.2.d	Review and strengthen current monitoring methods, through the conduct of capacity-building programs and knowledge exchange	Completed	As part of the Earth Day 2022 celebration, results of the empirical researches conducted in 2021 and 2022 in the Imus River, Cavite, Philippines were laymanized for accessible reading to the general public and published on the PEMSEA website. The primers and reports may be accessed <a href="#">here</a> .
2.1.2.e	Raise awareness and participate in regional/global workshops/events to promote project findings	Completed	Lessons learned from the ASEANO project were presented during the <a href="#">Dubai World Expo</a> .
2.1.2.f	Conclude ASEANO project and prepare for ASEANO phase 2	Completed	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. Participants included representatives from the local government units (LGUs) along the Imus River Watershed, relevant provincial offices, national government agencies, private sector, non government organizations, academe and the Norwegian Embassy.  Proceedings of the Forum may be accessed <a href="#">here</a> .
Under the GIZ-EU Project on Port Waste Management in Philippine Ports:			
2.1.2.g	Develop a solid waste management plan/waste reception and handling plan, addressing all operational aspects of ship waste management		The Project developed a Ship Waste Management Manual for shipping lines/agents and other key stakeholders of the Batangas Port. The manual includes processes for waste notification, payment, handling, collection and management of ship wastes, as well as relevant responsible authorities. The Manual may be accessed <a href="#">here</a> .
2.1.2.h	Create an online advance waste notification system, providing advance information on waste delivery from ships arriving at the Port of Batangas and facilitating improved and rapid access to port reception facilities and services in the port	Completed	Together with the Philippine Ports Authority (PPA), PEMSEA developed an online advance waste notification system, which provides preliminary information on waste delivery from ships arriving at the Port of Batangas. The advance notification of waste type and volume being brought into the

No.	Activity	Status	Major accomplishments/remarks
			port improves efficiency and preparedness of port reception facilities in segregating ship waste. The online system may be viewed <a href="#">here</a> .
2.1.2.j	Propose a functional incentivizing cost recovery system, providing full cost recovery of port reception facilities and services in the Port of Batangas and serving as a disincentive for ships to discharge their wastes at sea	Completed	Recommendations were provided in optimizing the processes of existing payment systems of waste fees in the port - including an option for negotiated payment with the SRF provider for ships traveling shorter distances and calling the ports several times a day. The project recommendations can be found <a href="#">here</a> .
2.1.2.k	Conduct training for staff to implement the solid waste management plan/ waste reception and handling plan, with specific attention to health and safety aspects pertaining to dealing with hazardous materials that are off-loaded from ships	Completed	Together with the PPA Training Institute, a seminar on ship waste management was conducted in Batangas and Manila in May 2022. Subsequent seminars in Mindanao, Bohol and Cebu ports were conducted in September 2022 in Davao City. Photos of the seminars may be viewed in this <a href="#">article</a> .
	Conclude the EU-GIZ Project	Completed	<p>A review of national policies, laws and regulations to facilitate ship waste management in the Philippines was conducted, with recommendations on improving the current institutional framework for ship waste management in the country. The report may be accessed <a href="#">here</a>.</p> <p>Challenges and best practices in managing port shipping waste were compiled into a policy brief and published. The brief may be accessed <a href="#">here</a>.</p> <p>Results and outputs of the project were presented during the national and regional closing events in Iloilo, Philippines and Bangkok, Thailand on 14-16 September 2022 and 27 September 2022, respectively.</p>
Under the Coca-Cola Foundation PH Project on Ecological Solid Waste Management in Cavite, Philippines:			

No.	Activity	Status	Major accomplishments/remarks
2.1.2.m	Conduct waste analysis and characterization studies for 5 LGUs	Completed	Waste Analysis and Characterization studies (WACS) were conducted in 5 Local Government Units (LGUs) in the Cavite Province, namely: Amadeo, GMA, Novoleta, Tagaytay City and Ternate. The WACS report was published and disseminated to relevant national and local agencies. The final WACS report can be found <a href="#">here</a> .
2.1.2.n	Implement activities that will strengthen the implementation of solid waste management in the communities, promote circular economy and help address some of the identified issues	Completed	Key accomplishments include the following: <ul style="list-style-type: none"> <li>● On-site training/study visit (<i>Lakbay Aral</i>) in Brgy. San Jose, Tagaytay city on best practices in solid waste management conducted on 4 October 2022</li> <li>● Establishment of Community Action to Restore the Earth (CARE) spaces to improve management of plastic recyclables</li> <li>● Addressing Residuals with Potential for Diversion</li> <li>● Capacity building on managing biodegradables</li> <li>● Conduct of Plastic Circularity Audit</li> <li>● Community needs assessment for improving solid waste management</li> <li>●</li> </ul> Reports and articles can be found <a href="#">here</a> .
2.1.2.o	Conduct regular monitoring, evaluation and reporting, and the documentation of project outputs, good practices and lessons learned for dissemination to relevant stakeholders in Cavite Province and the PEMSEA Network of Local Governments.	Completed	An end of project workshop will be conducted with major stakeholders in Cavite on February 2023

### OUTCOME 3

*The Secretariat proactively explored and developed new opportunities for new partnerships, projects, and other collaborative activities with partners and other collaborating organizations and institutions to strengthen PEMSEA and to add value to SDS-SEA Implementation 2023-2027.*

**Output 3.1.** *Development and maintenance of a pipeline of forward-looking projects and innovative research-policy targets/issues ripe for*

*effective action and scalable solutions*

No.	Activity	Status	Major accomplishments/remarks
3.1.1.a	Update the fundraising plan based on SDS-SEA Implementation Plan in light of COVID 19 pandemic, preparation for the Decade of Ocean Science and Post 2020 CBD Strategic Framework and EASC 21	Completed	
3.1.1.b	Strengthen strategic partnerships and fundraising opportunities to implement SDS-SEA Implementation Plan in 2022 onwards	Ongoing	ENMAPs project document has been developed with the ASEAN Centre for Biodiversity.
3.1.1.c	Update inventory of relevant funding sources for SDS-SEA and other new and emerging funding resources	Completed	



**Output 3.2.** *Facilitate uptake of priority projects with Partners, donors, and other potential sources of scientific, technical and financial assistance*

No.	Activity	Status	Major accomplishments/remarks
3.2.1.a	Sign implementing agreements with Partners and sponsoring organizations for 2 new projects/initiatives	Completed	<p>Project cooperation agreement signed with the Ministry of Ocean and Fisheries, RoKorea on combating marine debris</p> <p>Grant agreement b/w IMO and PEMSEA on GloFouling Partnerships Project and project preparation grant for Blue Solutions project</p> <p>Grant agreement b/w KIOST and PEMSEA on drafting the regional strategy on biofouling management</p>
3.2.2.a	Submit 2-3 project concepts and proposals to prospective funders	Completed	<p>ASEANo 2 concept proposal has been submitted to NORAD</p> <p>ATSEA 3 concept proposal has been submitted to UNDP Bangkok Regional Hub</p>
3.2.2. b	Revise project document to reflect updated project implementation arrangements and secure 3 country endorsements and develop updated work plans and targets of GEF IRBM project	Completed	<p>The IRBM Project was approved for funding by GEF in October 2022 (as reported in the <a href="#">29th Expanded EC Meeting</a>)</p> <p>The Updated project document can be viewed <a href="#">here</a></p>
3.2.2.c	Submit full project proposal of IMO-PEMSEA Blue Solutions project to IKI for 2023-2027 by end of June 2022	Completed	Blue Solutions project proposal submitted to IKI in July 2022
3.2.3.a	Conduct technical workshops engaging LGUs and learning centers during the 2022 PNLG forum on 24-28 October 2022	Completed	<p>During the 2022 PNLG forum held in Tangerang, Indonesia, the following technical workshops were conducted both onsite and online via Zoom:</p> <ul style="list-style-type: none"> <li>• Integrated Coastal Management Forum focusing on blue economy and nature-based solutions</li> <li>• Field visits to Pantai Indah Kosambi and Ketapang Urban Aquaculture, showcasing Tangerang regency's</li> </ul>

			<p>best practices on habitat protection, ecosystem restoration and alternative livelihoods</p> <p>Details of the forum can be viewed in the Proceedings of the 2022 PNL Forum, which may be accessed <a href="#">here</a>.</p>
3.2.3.b	Mobilize PEMSEA Regional Centers of Excellence (RCOE) and learning centers as recognized research and education institutions assisting in the implementation of SDS-SEA policy and decision-making at the national and regional levels	Completed	The State Key Laboratory of Marine Pollution (SKLMP), a PEMSEA RCOE on Marine pollution, organized an online regional Training workshop on monitoring and assessment of microplastics in marine environments on 19 December 2022 (see overview <a href="#">here</a> ).

Several PRF and ATSEA-2 staff participated in major global, regional and national events where they presented findings of PEMSEA projects and studies. The list of events where PRF staff participated as resource speakers can be accessed at links [1](#), [2](#) and [3](#).

## OUTCOME 4

### *Communications and Knowledge Management*

#### **Output 4.1.** *Readily accessible PEMSEA knowledge products and services*

No.	Activity	Status	Major accomplishments/remarks
4.1.1.a	Promote PEMSEA and market the results of the EAS Congress 2021 through various media platforms including key ocean- related global and regional forums and events, twinning/knowledge events	Completed	Proceedings, results and follow-on actions of the 2021 EAS Congress were published in the PEMSEA website and shared with PEMSEA members (see <a href="#">here</a> , <a href="#">here</a> and <a href="#">here</a> ).
4.1.1.b	Manage and market the SEA Knowledge Bank	Completed	The <a href="#">link</a> to the Sea Knowledge Bank has been presented and disseminated to the PEMSEA Country and Non-Country Partners during the expanded EC meeting on 29 November 2022. The website is regularly updated to include completed and ongoing projects of PEMSEA and human interest stories of said projects.
4.1.2.a	Disseminate PEMSEA knowledge products such as the 'PEMSEA Story' and Regional State of Ocean and Coasts Reports Vol. 1 and 11	Completed	PEMSEA knowledge products are regularly updated and made available for the public through the following links: <a href="#">here</a> and <a href="#">here</a>
4.1.2.b	Disseminate lessons learned, case studies, and other knowledge products produced by PEMSEA SDS-SEA, products of ATSEA 2 projects and marine pollution initiatives	Completed	<p>The PEMSEA PRF regularly updates its website and apprises partners of new knowledge products and publications.</p> <p>PEMSEA Case studies and publications of knowledge products and other best practices from projects may be accessed <a href="#">here</a>, <a href="#">here</a> and <a href="#">here</a>.</p> <p>The recently approved SDS -SEA Implementation Plan 2023-2027 was published online and may be accessed <a href="#">here</a>.</p> <p>ATSEA-2 knowledge products and lessons learned from the conduct of recent activities may be accessed <a href="#">here</a> and <a href="#">here</a></p> <p>Other publications such as the IPA, GESI and EU-GIZ projects are available upon request.</p>

**Output 4.2.** Promote the engagement of youth and young professionals in environmental action and decision-making

No.	Activity	Status	Major accomplishments/remarks
4.2.1	Facilitate the implementation of the PEMSEA Youth Program by incorporating youth engagement at the 2021 PNLG Forum in Tangerang and in PEMSEA trainings and other learning opportunities, local ICM implementation, investment projects	Completed	<p>PEMSEA engaged in activities that targeted youth participation and awareness raising of coastal and marine management of the EAS regions rivers and seas. Two youth competitions were conducted:</p> <ul style="list-style-type: none"> <li>• a photo competition with the theme, <i>Coastal communities, life with the ocean</i>, open to both high school and university students (see <a href="#">report</a>), and</li> <li>• a video competition stories, lessons and experiences about ongoing issues in marine sustainability (see <a href="#">report</a>)</li> </ul> <p>Winning entries may be viewed <a href="#">here</a></p>
4.2.2.	Promote and implement the annual PEMSEA Small Grants Program for the Youth (EAS Futures Grant)	Ongoing	The PEMSEA regularly accepts proposals for the PEMSEA Small Grants Program (see <a href="#">here</a> ). The review of small grants program is currently ongoing

## OUTCOME 5

*The Secretariat effectively coordinated the review, assessment and reporting of SDS-SEA Implementation Plan and specific projects' deliverables and outcomes*

### **Output 5.1.** Fulfill the reporting requirements of donors and sponsor

No.	Activity	Status	Major accomplishments/remarks
5.1.1	Quarterly and annual project accomplishment reports submitted as scheduled and in a high standard to donors and sponsors	Completed	

### **Output 5.2.** Continue to manage the reporting system for SDS-SEA Implementation that is accessible to Partners, sponsors and other interested stakeholders

No.	Activity	Status	Major accomplishments/remarks
5.2.1.a	National, sub- regional and regional SOC reports are published and disseminated in various fora and social media. SOC findings are incorporated in national and local strategic annual plans and help inform national and local budget planning. Results are also incorporated in public speeches, presentations, etc.	Completed	Latest SOC reports are compiled and updated on the PEMSEA website in a timely manner. see <a href="#">here</a>
5.2.1.b	ICM certification review of select ICM sites	Completed	ICM systems of 4 local governments were assessed based on the requirements of ICM System Level 1 Certification: Proficient ICM Governance Level and the ICM System Level 2 Certification: Effective ICM System Level. The following local governments were awarded:

			<ul style="list-style-type: none"> <li>● <b>ICM System Level 1 Certification: Proficient ICM Governance Level:</b> <ul style="list-style-type: none"> <li>○ Indonesia: Tangerang Regency</li> </ul> </li> <li>● <b>ICM System Level 2 Certification: Effective ICM System Level</b> <ul style="list-style-type: none"> <li>○ Cambodia: Preah Sihanouk</li> <li>○ Philippines: Province of Guimaras</li> <li>○ Vietnam: City of Danang</li> </ul> </li> </ul> <p>More details on the certification may be found <a href="#">here</a></p>
5.2.1.c	Review of Phil DENR coastal and marine projects reviewed	Completed	<p>Field Validation of the integrated evaluation framework and survey instruments developed in Phase 1 of the DENR-PEMSEA Special Project on Assessment of Foreign-Assisted Coastal and Marine Initiatives in the Philippines was conducted.</p> <p>See the final report for the Philippine DENR coastal and marine projects <a href="#">here</a></p>

## OUTCOME 6

*Effective and timely administration and human resource management provided*

**Output 6.1.** Staff, HRM and procurement policies and regulations applied effectively and consistently across the organization.

No.	Activity	Status	Major accomplishments/remarks
6.1.1.a	Implement staff regulations and policies and make regular reports to the Management Committee on staff matters.	Completed	
6.1.2.a	Review and refine the PEMSEA procurement regulations and processes to ensure alignment with current international best practices and policies	Completed	The PEMSEA procurement manual was refined to include updated procedures and policies on bidding, reviewing and approving authorities of contracts. The updated manual is available upon request.
6.1.2.b	Review and assess staff rules and policies to reflect best practice and make regular reports to the Management Committee	Completed	In consideration of the COVID-19 pandemic, working arrangements during 2022 were adjusted according to Philippine regulations. Staff rules were adjusted to accommodate a hybrid working arrangement. Several memoranda in relation to staff rules and policies were disseminated to the staff. These memoranda may be accessed <a href="#">here</a>
6.1.2.c	In collaboration with the Management Committee, analyze staffing and post descriptions to ensure staff capacities/ responsibilities are aligned with priorities.	Completed	

**Output 6.2.** Staff planning, performance appraisal and learning and development conducted.

No.	Activity	Status	Major accomplishments/remarks
6.2.1.a	Organize and conduct regular staff appraisals across the PRF.	Completed	Performance appraisals were conducted in July and Dec 2022
6.2.1.b	Review the results of staff appraisals and recommendations regarding Staff remuneration with the Management Committee.	Completed	
6.2.2.a	Develop and implement a learning and development program for staff based on an annual staff survey.	Ongoing	During the PEMSEA PRF Planning workshop held on 20-21 December 2022, the staff were encouraged to submit a list of trainings/capacity building activities they wanted to take part in to enhance their skills. The list is currently being developed into a learning and development program for 2023.

**Output 6.3.** Property and management administration delivered

No.	Activity	Status	Major accomplishments/remarks
6.3.1.a	Implement the annual building and assets management plan as approved by the Management Committee.	Completed	



**Output 6.4.** Accurate and timely project and program management financial reports provided to the Executive Director and Program Managers

No.	Activity	Status	Major accomplishments/remarks
6.4.1.a	Provide financial statements and data for the year 2021 to external auditors for auditing.	Completed	The Financial Statements for 2021 were submitted to the external auditor, Isla Lipana and Co. for auditing. The audit report may be accessed <a href="#">here</a> .
6.4.1.b	Facilitate audits to ensure unqualified audit opinions are received for the year 2022 for submission to the Audit Committee for endorsement to the EAS Partnership Council.	Ongoing	
6.4.1.c	Monitor the organization's cash flow and balances and provide relevant recommendations to Management Committee.	Completed	Monthly financial report is presented by Administration and Finance Specialist to MANCOM
6.4.1.d	Consolidate budget estimates for 2023 in an accurate and timely manner for inclusion in the 2022 work plan	Completed	Budget estimates of each project were collated and presented together with the 2022 workplan during the 29th EC Meeting (see 29th EC Meeting proceedings)
6.4.2.a	Provide on time, high quality financial reports for all donor requirements.	Completed	
6.4.3.a	Oversee PEMSEA's on-line financial management system and advise the Management Committee of any administrative, financial or policy matters concerning its effective and efficient operation.	Completed	
6.4.3.b	Provide quarterly financial reports (budget, commitments, expenditures) on all projects to the Management Committee.	Completed	

6.4.3.c	Advise the Management Committee of PRF staff time logs (expenditures and commitments) on a quarterly basis.	Completed	
6.4.3.d	Monitor monthly budget and staff time log reports and provide relevant advice to the Executive Director	Completed	

## Annex 1. ATSEA-2 Activities for 2022- is this their latest?

- Undertake annual meetings of the ATS RCC.
- Carry out an analysis of existing regionally specific political and legal frameworks, assessing viable options for a sustainable ATS regional governance mechanism, building on the completed governance analysis in Phase 1
- Undertake national consultations involving relevant stakeholders to discuss the preferred organizational model of regional governance mechanism
- Develop a model for an ATS regional governance mechanism, in general accordance with 2014 Ministerial Declaration, and taking into consideration the roles and responsibilities of each country.
- Identification and declaration of a stakeholder partnership forum (SPF) with a clear partnership mandate and role to work together with RCC in supporting the sustained governance required for implementation of the ATS SAP and NAP's, and facilitating broader stakeholder participation, including by multitude of civil society organizations, representatives of vulnerable groups such as indigenous people and women, and private sector oil and gas, fisheries, and tourism sectors.
- Develop and approve a term of reference (TOR) for the new SPF and guidelines according to the Ministerial Declaration, based on a survey of needs and desires of identified stakeholders.
- Undertake an updated regional institutional review, identifying relevant institutions and agencies in Indonesia, Papua New Guinea, Timor-Leste, and Australia, taking into account existing initiatives such as CTI-CFF, RPoA-IUU, PEMSEA, among others
- Based upon a review of international best practices, develop a 5-year cost estimate and financing plan for implementation of the updated ATS SAP. The financing plan will include estimated contributions from national and subnational budgets; identification of financing gaps; and an outline of alternative financing opportunities through public-private partnerships, donor funding and other arrangements.
- Develop an investment and financing strategy and plan for funding the operation of the ATS RCC and Secretariat for the period after the closure of the ATSEA-2 project
- Carry out an assessment of the political economy of regionalism. This will include review of existing regional and national cooperation mechanisms, legal frameworks, policies on marine development and conservation and on climate change adaptation, and administrative and technical arrangements. Based upon the results of the assessment, a regional guidance document will be prepared that summarizes enabling policies, incentive programs, progressive bylaws, etc.
- Prepare a case study on how climate change could affect the fisheries sector in the ATS region.
- Organize a regional climate change workshop.
- Update the ATS transboundary diagnostic analysis (TDA) according to expanded climate change information obtained through the project, and more detailed representation of the conditions in Papua New Guinea
- Hold a TDA validation workshop with the ATS RCC
- Update the ATS regional strategic action program (SAP) according to a renewed transboundary diagnostic analysis
- Facilitate endorsement of the EAFM Plan by the ATS RSC/RCC
- Organize a regional exchange visit for selected members of the working group to Australia, to gain information from best practices and lessons learned in implementation of rights-based management approaches there.
- Following the exchange visit, at least one community in Indonesia, TL, and PNG develop and implement a local bylaw on rights-based management approach to inshore and red snapper fisheries
- Implement turtle bycatch release programs in the selected areas in the ATS region.

- Conduct study to refine baseline estimates of IUU fishing (quantitatively – in volume and value) in the ATS region with country level estimates.
- Participate in the annual RPOA-IUU ATS group meeting to identify priority areas of support by the project to the countries (Note: based on previous meetings, this is usually conducted every April)
- Coordinate program with RPOA-IUU Secretariat in Jakarta to strengthen community-based surveillance in selected ATS sites.
- Carry out a regional assessment of marine and land-based pollution hotspots through country studies aggregated at the LME level.
- Carry out a desktop review and gap analysis to collate existing knowledge and understanding of baseline data, for example coral reefs, mangroves, and seagrass ecosystems, as well as climate change impacts and turtle conservation in the ATS. and develop a regional profile of ecosystem assets and connectivity and an evaluation of pressures from the regional profile
- Following stakeholder consultations, facilitate endorsement of the MPA Network design by the ATS Regional Coordination Committee of the design.
- Incorporate a "road map" for achieving the proposed ATS regional MPA network into an updated ATS SAP, which will obtain approval through ministerial declaration.
- Develop a regional action plan for enhanced protection of marine turtles.
- Facilitate endorsement of the regional action plan by the RCC.
- Establish mechanisms and indicators in place to monitor the process, stress reduction measures, and environmental and socioeconomic status of the ATS ecosystem.
- Develop a Stakeholder Engagement and Communications Plan based on the existing Strategies.
- Maintain and regularly update the Stakeholder Engagement and Communications Plan (all throughout the project's lifetime)
- Communicate Project Findings at Annual RCC and SPF Meetings
- Conduct other information dissemination and capacity building activities.