

United Nations Environment Programme

**NOWPAP**



Northwest  
Pacific  
Action Plan

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**NOWPAP Quarterly Progress Report on  
Programme of Work 2020-2021  
Implementation**

**Quarter 3, 2020  
(July 1 – September 30)**

For reasons of economy, this document is printed in a limited number. Delegates are kindly requested to bring their copies to meetings and not to seek additional copies.

**Regional  
Seas**

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## 1. Explanatory note

### 1.1. Introduction

1. The current Programme of Work 2020-2021 was approved on May 18, 2020, by all Member States following multi-round consultations by email (UNEP/NOWPAP IG. 24/12 Rev 2). This procedure had been agreed with all four Member States due to impossibility to organise a face-to-face discussion related to travelling restrictions introduced by all four NOWPAP Member States following the outbreak of COVID-19 coronavirus.

### 1.2. Special Monitoring and Coastal Environmental Assessment Regional Activity Center (CEARAC)

2. The total approved **CEARAC** budget is USD185,000 for 2020-2021. The budget proposal explained in the document (UNEP/NOWPAP IG. 24/4/1) presents a detailed overview of the activities planned. In addition to the regular CEARAC activities, such as the organization of the Focal Point Meetings, the following actions are proposed:

- 1) Assessment of tidal flats and salt marshes distribution in the NOWPAP region
- 2) The organization of a training course on eDNA analysis
- 3) Updating information on HAB database and HAB Reference Database
- 4) Several case studies on estimating seagrass blue carbon in selected sea areas in the NOWPAP region
- 5) An improvement of the NOWPAP Eutrophication Assessment Tool (NEAT) for the assessment and monitoring of eutrophication using satellite chlorophyll-a
- 6) The organization of the Fifth NOWPAP Training Course on Remote Sensing Data Analysis.

### 1.3. Data and Information Networking Regional Activity Center (DINRAC)

3. The total approved **DINRAC** budget is USD185,000. The budget proposal is explained in the document (UNEP/NOWPAP IG. 24/4/2). During 2020-2021, DINRAC will continue its regular activities, including organizing Focal Point Meetings and updating and supplementing existing databases, as well as managing the Northwest Pacific Regional Node of the Global Partnership on Marine Litter. The following activities were proposed for 2020-2021:

- 1) An annual Summary of Major Marine Environmental Data available in the Member States, which is an essential routine work for DINRAC
- 2) A collection of Data and Information on Endangered Species Filed in the Red Lists of the NOWPAP Member States (3<sup>rd</sup> Stage is 2020-2021), which will continue until 2028,
- 3) An expert meeting and a brainstorming workshop for future directions of DINRAC.

#### **1.4. Marine Environmental Emergency Preparedness and Response Regional Activity Center (MERRAC)**

4. The total approved **MERRAC** budget is USD185,000. The budget proposal is included in the document (UNEP/NOWPAP IG. 24/4/3). MERRAC will utilize these resources on organizing Focal Point and National Competent Authorities meetings, as well as to support specific activities to strengthen regional cooperation, including closer collaboration with IMO. The Focal Points of MERRAC proposed the following activities for the 2020-2021 biennium:

- 1) An assessment of the implementation of the International Convention on Oil Pollution Preparedness, Response and Co-operation (OPRC Convention) and OPRC-HNS Protocol in the NOWPAP region,
- 2) The identification of activities to strengthen regional cooperation on the implementation of the International Convention for the Prevention of Pollution from Ships (MARPOL) under NOWPAP MERRAC framework (e.g., oil-waste discharge from ships, fuel-oil quality, others),
- 3) The development of response options for potential condensate spills in the context of updating the NOWPAP MERRAC Regional Report on HNS Preparedness and Response (2012),
- 4) The development of a MERRAC Strategic Plan for Better Implementation of Regional Cooperation on Marine Pollution Preparedness and Response through the establishment of expert groups on specific issues such as an oil finger-print, oil spill modeling, emergency salvages, others.

#### **1.5. Pollution Monitoring Regional Activity Center (POMRAC)**

5. The total approved **POMRAC** budget for 2020-2021 is USD185,000. The budget proposal is explained in the document (UNEP/NOWPAP IG. 24/4/4). Resources are requested to organize Focal Point Meetings and several communication activities. The 16<sup>th</sup> POMRAC Focal Points Meeting (30-31 October 2019) agreed on the following activities for 2020-2021:

- 1) The development of regional NOWPAP EcoQO targets aligned with SDG indicators. Phase 2;
- 2) The preparation of the Third State of Marine Environment Report SOMER-3, and
- 3) a Proposal of the Project "Microplastics Abundance in River Runoff of the NOWPAP Region."

#### **1.6. Regional Action Plan on Marine Litter (RAP MALI)**

6. The total approved **RAP MALI** budget is USD 91,000. The 2019 Marine Litter Focal Point Meeting agreed to focus on the revision of the NOWPAP Regional Action Plan on Marine Litter in 2020-2021 and to maintain the operation of the Regional Node of the GPML. Regional Coordination Unit (RCU)

#### **1.7. Regional Coordination Unit (RCU)**

7. RCU budget is targeted to support the operation of the RCU offices, public awareness and communications activities, resource mobilization and coordination of RACs. RCU will continue strengthening regional partnerships. Specifically, special attention needs to be paid to the completion of the Regional Action Plan for Marine and Coastal Biodiversity Conservation (RAP BIO). In addition

to RAP BIO, more work is required to complete the NOWPAP Communication Strategy, as the current version is inadequately addressing such issues as Stakeholder Analysis, NOWPAP internal communications, and a number of other aspects. Also, two audit and evaluation activities are being proposed, namely: an internal audit to be implemented by RCU in coordination with UNEP Headquarters, and a review of Special Projects.

8. A breakdown of RCU-coordinated activities in 2020-2021, as well as the overall bi-annual budget of the NOWPAP Regional Activity Centers, are presented in Table 1 below.

**Table 1. NOWPAP Work Plan and Budget (Thousand USD) for 2020-2021**

RACs/Projects/Activities	Approved Budget for 2020-2021, thousand US\$
CEARAC	185
DINRAC	185
MERRAC	185
POMRAC	185
RAP MALI	111
Communication Activities and Public Awareness (RCU)	38
- Coordination of RACs (RCU) - Implementation of NOWPAP (RCU)	104
RCU Operation (RCU)	50
Resource Mobilization (RCU)	27
Contribution to the development of MPAs network	10
NOWPAP Special Projects / Initiatives	-
Preparation of RAP BIO	30
Communications Strategy Development	15
Internal Audit	5
Evaluation of Special Projects (Review)	10
Sub-total	1,140
13% of the sub-total as Programme Support Cost	160
<b>TOTAL</b>	<b>1,300</b>

## 2. Overall Assessment of the Progress

9. Overall, due to the commitment of the NOWPAP Member States, who agreed to approve the PoW 2020-2021 by email (UNEP/NOWPAP IG. 24/12 Rev 2), the NOWPAP bodies, i.e. RCU, RACs, were able to prepare and kick-off a number of activities of 2020-2021 biennium.

10. The outbreak of COVID-19 coronavirus and following the outbreak global pandemic and restrictions of domestic and international travelling significantly affected the contents and number of activities, which were possible to start implementing.

11. Significant effort of RCU and RACs were devoted to the development of legal instruments (PCA, SSFAs) between UNEP Headquarters and RACs. A summary of the status of each agreement is included in Annex 2.

12. The key highlight of achievements of NOWPAP in Q2-2020 include:

### 1) UNEP Headquarters:

- RCU attended the Ecosystems Integration Branch meeting on 7 July 2020
- RCU attended the Review meeting of the Regional Seas Global Outlook Report on 30 June 2020
- NOWPAP team contributed to a series of strategic papers and documents developed by UNEP HQs, including Regional Seas Programmes

### 2) RCU

- Three web stories were posted on NOWPAP website
- NOWPAP newsletter for 2020 Q2 was released

### 3) DINRAC

- The Project Cooperation Agreement (PCA) for 2020-2021 is in process to submit to Nairobi
- The payments for experts under PCA 2018-2019 are ongoing due to the institutional restructuring and COVID-19

### 4) CEARAC

- The Small-Scale Funding Agreement (SSFA) for 2020-2021 was signed in June
- CEARAC Secretariat contracted Small Scale Fund Agreement (SSFA) for the 2020-2021 biennium with UNEP on June 15, 2020, and the first installment is in process.
- Following signature of SSFA, CEARAC Secretariat started coordination with CEARAC Focal Points (FPs) in the Member States to kick-off activities included in the Programme of Work 2020-2021. Under the circumstances of COVID-19 pandemic and following travelling restrictions, it was impossible to hold a face-to-face Focal Points Meeting (FPM). Therefore, CEARAC Secretariat engaged in discussions with FPs on how to approve the implementation plan for the 2020-2021 biennium. By the end of June 2020, this decision has not been made

and the two possible modalities are being discussed: an online virtual meeting or email communications. The final agreement is expected in July 2020.

- A project proposal: Development of a Near Real Time Monitoring System for Marine Coastal Eutrophication Using Google Earth Engine, was submitted to GEO Google

#### 5) MERRAC

- The SSFA for MERRAL QNL for 2020 was signed on 20 April 2020, and the first installment is done
- The MERRAC SSFA PNL for 2020-2021 was signed in June 2020 and the first installment is in process
- The organization of MERRAC Focal Point Meeting for 2020 was discussed by email, and decided to agree on the major agendas by email communication among the Member States
- The Korean translation report on the 'Guidelines on implementing spill impact mitigation assessment (SIMA)' of IPIECA into Korean was published in March 2020
- The implementation plan of the MERRAC Specific Project for 2020-2021 was developed by leading experts of each Member States
- The development of the final report of the MERRAC specific project for 2018-2019 is currently in progress will be published after the final comments from Member states

#### 6) POMRAC

- The SSFA POMRAC for 2020-2021 was approved by Nairobi in July 2020
- The nomination of national experts for POMRAC projects is ongoing
- POMRAC has received nominations of national experts for the microplastic project

#### 7) Marine Litter

- RCU attended the GPML Steering Committee online meeting on 04 June 2020
- The revision of the Third Overview of Marine Litter in the NOWPAP Region is ongoing
- The Marine Litter Focal Point of Russia confirmed that it is difficult to organize a face to face NOWPAP-TEMM Marine Litter Management Workshop and the International Coastal Cleanup Campaign in 2020 in Russia due to the COVID-19 pandemic

#### 8) RAP BIO

- The recruitment of an international consultant to prepare for the RAP BIO is in process

#### 9) Special Projects

- The first payment for the Special Project on microplastics has been released
- The APN Workshop on Key Indicator Species and Habitats for Marine Biodiversity Change in East Asia was postponed due to COVID-19

#### 10) Partnership building

- RCU attended a virtual meeting on reducing marine plastic pollution and enhance cooperation in the East Asian region. The meeting was organised by the Foreign Environmental Cooperation Centre (FECO) of the Ministry of Ecology and Environment of China on June 24, 2020.

- NOWPAP was invited to introduce the experience in hosting the Regional Node of Global Partnership on Marine Litter in technical consultation of the Working Group in East Asia which was organised by the Coordinating Body on the Seas of East Asia (COBSEA) on 23-25 June 2020.

13. A detailed reporting on the progress of implementation of PoW 2020-2021 in Q2 2020 is included in Annex 1.

**PLEASE UPDATE CORRESPONDING SECTIONS ABOVE. Just highlights. Detailed reporting to be included in the table in Annex 1 below.**



**Annex 1. NOWPAP Programme of Work 2020-2021:**

Total budget of USD1,300,000 for the biennium including 13% of PSC.

**Priority Area 1. Support Ecosystem-Based Integrated Coastal and River Basin Management (ICARM)**

Outcomes / Expected Accomplishments	2020-21 PoW Activities	Responsible NOWPAP Body	2020-21 PoW Outputs / Performance indicators	Progress Summary (% of completion)
1.1.1. “Good environmental status” of the NOWPAP is defined and provides a baseline and direction for Member States action  Expected partners: PEMSEA, YSLME Project Phase II, UNEP Regional Seas Programme, and UNESCO/IOC	Development of NOWPAP EcoQO targets aligned (where possible) with SDG indicators, phase 2	POMRAC	Preparation of national inputs for the development of EcoQO targets	Q2-2020: 10%. ToRs for national experts have been developed. National experts nominated.
				Q3-2020: ??%.
		POMRAC	Compilation of National Inputs and preparation of draft regional synthesis report	Q2-2020: Not started.
				Q3-2020: ??%.
		POMRAC	Finalizing and printing of the regional synthesis report on the Development of NOWPAP EcoQO targets aligned (where possible) with SDG indicators, phase 2)”	Q2-2020: Not started.
				Q3-2020: ??%.
			Report of the regional workshop “Development of	Q2-2020: Not started.

Outcomes / Expected Accomplishments	2020-21 PoW Activities	Responsible NOWPAP Body	2020-21 PoW Outputs / Performance indicators	Progress Summary (% of completion)
			NOWPAP EcoQO targets aligned (where possible) with SDG indicators, phase 2”	Q3-2020: ??%.

**Priority Area 2. Assess the Status of the Marine and Coastal Environment**

Outcomes / Expected Accomplishments	2020-21 PoW Activities	Responsible NOWPAP Body	2020-21 PoW Outputs / Performance indicators	Progress Summary (% of completion)
2.1.1. The NOWPAP Member States are provided with integrated periodic assessments of the state of marine and coastal environment and its components, including (but not limited to) biodiversity, chemical and biological pollution, harmful algal blooms, marine litter, oil and HNS threats, and climate change impacts to inform and foster policy action	The preparation of State of Marine Environment in the NOWPAP Region (SOMER-3) (phase 1)	POMRAC	Workshop on SOMER-3 structure	Q2-2020: Not started.
				Q3-2020: ??%.
		POMRAC	Preparation of the different chapters for SOMER-3 and compilation of the draft	Q2-2020: Not started.

Outcomes / Expected Accomplishments	2020-21 PoW Activities	Responsible NOWPAP Body	2020-21 PoW Outputs / Performance indicators	Progress Summary (% of completion)
			SOMER-3 – The integrated assessment of environmental problems, status and trends related to existing and changing natural and socio-economic conditions in the NOWPAP region	Q3-2020: ??%.
	Regional Overview of Microplastics abundance in river runoff of the NOWPAP region	POMRAC	Preparation of and draft RO and finalization National Inputs on the river runoff of microplastics to the coastal zone of the NOWPAP region	Q2-2020: Not started. ToRs for national experts have been developed. National experts nominated.
				Q3-2020: ??%.
		POMRAC	Seasonal survey of microplastic runoff with river NOWPAP region RF include Amur/Heilong	Q2-2020: Not started.
2.1.2. The NOWPAP Member States, through the NOWPAP Information Portal, have free and user-friendly access to data and	Annual Summary of Major Marine Environmental Data Available in the Member States	DINRAC	Marine environmental data for 2018-19 collected	Q2-2020: Not started.
		DINRAC		Q3-2020: ??%.
				Q2-2020: Not started.

Outcomes / Expected Accomplishments	2020-21 PoW Activities	Responsible NOWPAP Body	2020-21 PoW Outputs / Performance indicators	Progress Summary (% of completion)
reliable information on coastal and marine environment collected from members, NOWPAP RACs, other institutions and projects			The data by categories, countries and years compiled	Q3-2020: ??%.
		DINRAC	Data available on the DINRAC portal with free access	Q2-2020: Not started.
		Q3-2020: ??%.		
	Upgrade and regularly update DINRAC Website with additional WebGIS-based maps developed	DINRAC	Collected data and evidence of databases used reported at annual FPMs	Q2-2020: Not started.
			Q3-2020: ??%.	
		Database structure of specific data redesigned	Q2-2020: Not started.	
			Q3-2020: ??%.	
		Add biodiversity topics to the website	Q2-2020: Finally, the data volume from 1996 to 2018 will be formed by sorting out the National Biodiversity thematic data collected by standardization, data warehousing and visual display. (80%)	
			Q3-2020: ??%.	
	The non-structured data into the database migrated	Q2-2020: Not started.		
Q3-2020: ??%.				

Outcomes / Expected Accomplishments	2020-21 PoW Activities	Responsible NOWPAP Body	2020-21 PoW Outputs / Performance indicators	Progress Summary (% of completion)
		DINRAC	WebGIS system developed	<p>Q2-2020: Through rectification, the technical means of data carding, database building and informatization are realized, and the multi index and multi time series database of marine business data is formed. (80%)</p> <p>Q3-2020: ??%.</p>
		DINRAC	Spatial display of invasive species data	<p>Q2-2020: According to the data of invasive species, spatial display of map is carried out, including spatial data, spatial data publishing services, etc. (100%)</p> <p>Q3-2020: ??%.</p>
		DINRAC	Add data statistical analysis sub column	<p>Q2-2020: Extract the data from the Northwest Pacific Ocean Environmental analysis report compiled by Peking University in 2018, standardize the processing, put into storage, and realize the visual analysis in the website. (80%)</p> <p>Q3-2020: ??%.</p>
		DINRAC	Build the column of the 17th DINRAC regional node meeting	<p>Q2-2020: A special column of the 17th dinrac regional node meeting was established, including 26 conference materials. (20%)</p> <p>Q3-2020: ??%.</p>

Outcomes / Expected Accomplishments	2020-21 PoW Activities	Responsible NOWPAP Body	2020-21 PoW Outputs / Performance indicators	Progress Summary (% of completion)
		DINRAC	Polls and questionnaires developed	<p>Q2-2020: Questionnaire survey includes questionnaire survey and survey statistics. There are four fixed questions and one open question. Survey statistics are used to count the results of each option for each question. (80%)</p> <p>Q3-2020: ??%.</p>
		DINRAC	Establishment of marine garbage regional node website	<p>Q2-2020: It includes six modules: home page, job responsibilities, data center, map, publication and technology. (40%)</p> <p>Q3-2020: ??%.</p>
		DINRAC	Polls and questionnaires developed	<p>Q2-2020: Through rectification, the technical means of data carding, database building and informatization are realized, and the multi index and multi time series database of marine business data is formed. (80%)</p> <p>Q3-2020: ??%.</p>

Outcomes / Expected Accomplishments	2020-21 PoW Activities	Responsible NOWPAP Body	2020-21 PoW Outputs / Performance indicators	Progress Summary (% of completion)
2.1.3. NOWPAP Member States' capacity on remote sensing analysis improved.	Organization of the 5 <sup>th</sup> Training Course on Remote Sensing data analysis	CEARAC	A one-week training course on remote sensing data analysis for graduate students, young scientists, professionals and NGO staffs organized successfully.	<p>Q2-2020: Started.                      CEARAC started considering option to organize the course in a webinar style and preparing table of contents for teaching materials.                      Implementation plan will be discussed and approved by CEARAC FPs. After approval by FPs, activity will be started officially.</p>
				<p>Q3-2020: ??%.</p>

**Priority Area 3. Prevent and Reduce Land- and Sea-Based Pollution**

Outcomes / Expected Accomplishments	2020-21 PoW Activities	Responsible NOWPAP Body	2020-21 PoW Outputs / Performance indicators	Progress Summary (% of completion)
3.1.1. NOWPAP Member States have included effective measures in place against marine pollution emergencies through the NOWPAP Regional Oil and HNS Spill Contingency Plan (RCP), including information sharing, improved response capacity, and the implementation of specific projects	Update and maintain NOWPAP Regional Contingency Plan (RCP) (MERRAC)	MERRAC	NOWPAP RCP regularly updated	Q2-2020: Maintaining the RCP including its Annexes and networks among the relevant Competent National Authorities for the RCP in the NOWPAP region (25%)
				Q3-2020: ??%.
	Update information on marine pollution response resources, including equipment, institutions and experts (MERRAC)	MERRAC	Information system on marine pollution preparedness and response based on Web GIS is updated regularly on the MERRAC website.	Q2-2020: Collecting and updating the information of oil and HNS spill response equipment, instructions and experts (25%)
				Q3-2020: ??%.
	Organize regular table-top, communication and full-scale oil and HNS spill exercises	MERRAC	Table-top, communication and full-scale oil and/or HNS spill exercises successfully carried out	Q2-2020: Improving and practicing communication system among the Members using the Online Pollution Reporting System on 28-29 May 2020, led by Russia (21 <sup>st</sup> NOWPAP BRAVO Exercise) (50%)
	DELTA Exercise (to be led by Korea)			Q3-2020: ??%.
	Assessment of the implementation of the OPRC Convention and OPRC-HNS Protocol in the NOWPAP region	MERRAC	Guide on practical methods for the implementation of the Convention and Protocol translated into Chinese, Japanese, Korean and Russian	Q2-2020: Nominating the relevant national expert and establishing the implementation plan of the project (20%)
				Q3-2020: ??%.



Outcomes / Expected Accomplishments	2020-21 PoW Activities	Responsible NOWPAP Body	2020-21 PoW Outputs / Performance indicators	Progress Summary (% of completion)
		MERRAC	National reports developed with recommendations made	Q2-2020: Not started. Q3-2020: ??%.
	Identification of regional cooperation activities for MARPOL convention under NOWPAP MERRAC framework	MERRAC	Tasks that require international cooperation related to MARPOL 73/78 identified (e.g., oil-waste discharge from ships, fuel-oil quality, etc.);	Q2-2020: Nominating the relevant national expert and establishing the implementation plan of the project (20%) Q3-2020: ??%.
		MERRAC	Scope studied	Q2-2020: (0%) Not started. Q3-2020: ??%.
		MERRAC	Case study conducted	Q2-2020: (0%) Not started. Q3-2020: ??%.
		MERRAC	A report prepared	Q2-2020: (0%) Not started. Q3-2020: ??%.
		MERRAC	Publicly available data on natural gas condensate (NGC) spills and their response and consequences assessed	Q2-2020: Nominating the relevant national expert and establishing the implementation plan of the project (20%) Q3-2020: ??%.
		MERRAC	Proposals for the updates of NOWPAP MERRAC	Q2-2020: (0%) Not started.

Outcomes / Expected Accomplishments	2020-21 PoW Activities	Responsible NOWPAP Body	2020-21 PoW Outputs / Performance indicators	Progress Summary (% of completion)
			previously issued technical reports prepared	Q3-2020: ??%.
	Proposal of MERRAC strategic plan for better implementation of regional cooperation on marine pollution preparedness and response	MERRAC	Possible activities/ actions to be implemented by MERRAC in the future identified	Q2-2020: Started. Nominating the relevant national expert and establishing the implementation plan of the project (20%)
				Q3-2020: ??%.
		MERRAC	Report on MERRAC strategic plan with the information package on MERRARC activities over the last 20 years published	Q2-2020: (0%) Not started.
				Q3-2020: ??%.
3.1.2. The NOWPAP Member States are provided with reliable information, guidelines and best practices addressing prevention and mitigation of coastal and marine pollution, including eutrophication	Improvement of the NOWPAP Eutrophication Assessment Tool (NEAT) for assessment and monitoring of eutrophication using satellite chlorophyll-a	CEARAC	New ocean color sensors evaluated and incorporated into an assessment of eutrophication in the coastal and closed bays in the NOWPAP region	Q2-2020: Started. A research proposal of GEO-Google Earth Engine Programme was submitted for funding. The decision is expected in July 2020. The project outputs will help to accelerate the implementation and improvement of NEAT. An implementation plan will further be discussed and approved by CEARAC FPs. After approval by FPs, activity will be started officially.
				Q3-2020: ??%.
	Organization of expert meeting to discuss	MERRAC		Q2-2020: (0%) Not started.

Outcomes / Expected Accomplishments	2020-21 PoW Activities	Responsible NOWPAP Body	2020-21 PoW Outputs / Performance indicators	Progress Summary (% of completion)
	technical issues on oil and HNS spill preparedness and response		Expert meeting identifies specific issues related to oil and HNS spill response	Q3-2020: ??%.
3.1.3. NOWPAP Member States address marine litter, including microplastics, through the effective implementation of the NOWPAP Regional Action Plan on Marine Litter (RAP MALI)	Organize 2020 and 2021 NOWPAP-TEMM Marine Litter Management Workshops and International Coastal Cleanup campaigns	RCU, Russia (2020), Japan (2021)	Regularly updated on global, regional and national actions	Q2-2020: (0%) Not started. Due to restrictions of any events in the Far East Region of Russia, the planned events will be significantly scaled down in 2020. ICC will not be organised in 2020. The workshops are planned to be held online virtually. ICC 2021 in Japan is being designed by the Focal Point of Japan. No decision on the exact areas has been made. Q3-2020: ??%.
			Addressing marine litter, incl. microplastics provided at the annual NOWPAP-TEMM workshops	Q2-2020: (0%) Not started. Q3-2020: ??%.
			An increasing number of various stakeholders and citizens participate in beach cleanup campaigns in member countries	Q2-2020: (0%) Not started. Activity has been postponed due to the COVID-19 pandemic. Q3-2020: ??%.
			Revision of NOWPAP Regional Action Plan on Marine Litter	RCU
		RCU		Q2-2020: (0%) Not started.

Outcomes / Expected Accomplishments	2020-21 PoW Activities	Responsible NOWPAP Body	2020-21 PoW Outputs / Performance indicators	Progress Summary (% of completion)
			Two meetings organized back to back with the annual marine litter workshop	Q3-2020: ??%.
		RCU	Revised Action Plan adopted by the end of 2021	Q2-2020: (0%) Not started. Q3-2020: ??%.
	Enhance the Northwest Pacific regional node of the Global Partnership on Marine Litter (GPML)	DINRAC and Member States	Updated regularly information on GPML Regional Node	Q2-2020: Ongoing. Proposal for additional funding from GPA has been prepared and submitted to UNEP HQs. Q3-2020: ??%.
			Evidence of the Node playing an increasing role in facilitating regional information	Q2-2020: Ongoing. NOWPAP Regional Node representatives directly contributed to an online conference on Marine Litter jointly organised by UNEP GPA and Cartagena Convention. Q2-2020: ??%.
			Exchange and networking	Q2-2020: Regional Node of GPML is operational. A series of discussions and virtual meetings were organised with UNEP HQs, and sister-Regional Seas Programmes (Cartagena Convention).
				Q3-2020: ??%.

**Priority Area 4. Conserve Marine and Coastal Biodiversity**

Outcomes / Expected Accomplishments	2020-21 PoW Activities	Responsible NOWPAP Body	2020-21 PoW Outputs / Performance indicators	Progress Summary (% of completion)
<p>4.1.1. The NOWPAP Member States are provided with information and data, including on the status and major threats to Red List species and invasive alien species and sensitive habitat mapping in the region</p>	<p>Evaluation of distribution of tidal flats and salt marshes in the NOWPAP region</p>	<p>CEARAC</p>	<p>Distribution and historical changes of tidal flats and salt marshes in the NOWPAP region mapped</p>	<p>Q2-2020: Started. Implementation plan will be discussed and approved by CEARAC FPs. After approval by FPs, activity will be started officially.</p>
		<p>Q3-2020: ??%.</p>		
		<p>CEARAC</p>	<p>The anthropogenic pressures on these habitats assessed</p>	<p>Q2-2020: (0%) Not started.</p>
		<p>Q3-2020: ??%.</p>		
		<p>CEARAC</p>	<p>A report prepared</p>	<p>Q2-2020: (0%) Not started.</p>
		<p>Q3-2020: ??%.</p>		
	<p>Organization of a training course on Environmental DNA analysis</p>	<p>CEARAC</p>	<p>A NOWPAP common analytical manual for e-DNA developed</p>	<p>Q2-2020: Started. English manual was developed with support of the eDNA Society, Japan. The manual will be shared with member states and is checked by experts nominated by CEARAC FPs for usability as NOWPAP manual soon.</p>
	<p>Q3-2020: ??%.</p>			
	<p>CEARAC</p>	<p>A training course on e-DNA analysis organized successfully</p>	<p>Q2-2020: Started. The training course was planned in March 2021. However, for safety organization of the training course without COVID-19 pandemic, it is expected to be organized in March 2022, if the member states agree on the new date.</p>	

Outcomes / Expected Accomplishments	2020-21 PoW Activities	Responsible NOWPAP Body	2020-21 PoW Outputs / Performance indicators	Progress Summary (% of completion)
				Q3-2020: ??%.
	Update of HAB database and HAB reference database	CEARAC	HAB Database and HAB Reference Database updated by adding the latest information on HAB occurrences in the member states	<p>Q2-2020: Started. CEARAC will collect latest information on HAB based on the rule of updating CEARAC's HAB databases, which was developed when CEARAC constructed HAB Integrated Website.</p> <p>Q3-2020: ??%.</p>
	Case studies of estimating seagrass blue carbon in selected sea areas in the NOWPAP region	CEARAC	Case studies for each selected sea areas to estimate seagrass blue carbon conducted	<p>Q2-2020: Started. CEARAC is developing a website (mapsegrass.org) to guide use of cloud-based seagrass mapping tool. The website is planning to de launched in August 2020. Implementation plan will be discussed and approved by CEARAC FPs. After approval by FPs, activity will be started officially.</p> <p>Q3-2020: ??%.</p>
		CEARAC	An expert meeting on seagrass mapping organized successfully	<p>Q2-2020: (0%) Not started.</p> <p>Q3-2020: ??%.</p>
		CEARAC	A booklet for seagrass conservation in the NOWPAP region published	<p>Q2-2020: (0%) Not started.</p> <p>Q3-2020: ??%.</p>
	International Workshop on Key Indicator Species and	APN-funded project, team members	Monitoring gaps for indicators species in national biodiversity	Q2-2020: Not started. Activity postponed due to COVID-19 pandemic (on a requirement of the donor – APN).

Outcomes / Expected Accomplishments	2020-21 PoW Activities	Responsible NOWPAP Body	2020-21 PoW Outputs / Performance indicators	Progress Summary (% of completion)
	Habitats for Marine Biodiversity Change in East Asia		monitoring systems and other relevant monitoring methods identified;	Q3-2020: ??%.
		APN-funded project, team members	Policy-relevant recommendations for NOWPAP member states developed;	Q2-2020: Not started. Activity postponed due to COVID-19 pandemic (on a requirement of the donor – APN). Q3-2020: ??%.
		APN-funded project, team members	A proceeding prepared	Q2-2020: Not started. Activity postponed due to COVID-19 pandemic (on a requirement of the donor – APN). Q3-2020: ??%.
	Collect data and information on species filed in the Red Lists of NOWPAP Member States (Phase 3)	DINRAC	Information on Red List species (Phase 3) collected and available on DINRAC website	Q2-2020: (0%) Not started.
				Q3-2020: ??%.
4.1.2. NOWPAP Member States effectively address marine and coastal biodiversity conservation through planning and application of area-based management tools, including marine protected areas (MPAs) and Ecologically or Biologically Significant Marine Areas (EBSAs)	Contribute to the development of NOWPAP MPAs network through regional cooperation with the Yellow Sea LME Phase II project and with NEASPEC on NEAMPAN project led by the Russian Federation	NOWPAP Partners	Participation of NOWPAP experts in relevant activities results in improved marine biodiversity conservation measures	Q2-2020: (0%) Not started. Q3-2020: ??%.

Outcomes / Expected Accomplishments	2020-21 PoW Activities	Responsible NOWPAP Body	2020-21 PoW Outputs / Performance indicators	Progress Summary (% of completion)
4.1.3. The NOWPAP Member States adopt Regional Action Plan for Marine and Coastal Biodiversity Conservation	Develop the Regional Action Plan for Marine and Coastal Biodiversity Conservation (RAP BIO) (CEARAC supported by RCU and other RACs)	RCU & CEARAC	Draft RAP BIO prepared	<p>Q2-2020: Started.                      This activity was significantly delayed due to COVID-19 outbreak. RCU has developed ToR for an international consultant to lead this work and engaged with UNEP HQ to recruit a consultant. Mobilization of the consultant is expected in July-Aug 2020.</p>
				Q3-2020: ??%.
		RCU & CEARAC	The 2 <sup>nd</sup> and the 3 <sup>rd</sup> workshops on RAP BIO organized successfully	Q2-2020: (0%) Not started.
				Q3-2020: ??%.



**Strengthening regional cooperation through partnership building and resource mobilization**

<b>Outcomes / Expected Accomplishments</b>	<b>2020-21 PoW Activities</b>	<b>Responsible NOWPAP Body</b>	<b>2020-21 PoW Outputs / Performance indicators</b>	<b>Progress Summary (% of completion)</b>
<p>NOWPAP network of Regional Activity Centers is managed effectively and complemented by well-functioning multi-stakeholder partnerships</p>	<p>Implement and report on all IGM decisions, including project development and management and partnership building (RCU with RACs)</p>	<p>RCU</p>	<p>All IGM decisions are implemented</p>	<p>Q2-2020: Ongoing. Report on implementation of 23<sup>rd</sup> IGM has been included in the RCU report to the 24<sup>th</sup> IGM, however, due to COVID-19 pandemic the meeting has been postponed. PoW 2020-2021 was approved by the Member States on May 18. RCU is closely working with National Focal points on options of organisation of 24<sup>th</sup> IGM to be held in 2020.</p>
	<p>NOWPAP tangibly contributing to global, regional, national and sub-national meetings and events increase visibility and attract new partners (RCU with RACs)</p>	<p>RCU</p>	<p>Existing partnerships are strengthened, and new ones established.</p>	<p>Q3-2020: ??%.</p> <p>Q2-2020: Ongoing.</p> <ul style="list-style-type: none"> <li>• Existing partnerships strengthened. NOWPAP representatives directly contributed to a number of virtual meetings organized online due to COVID-19 pandemic. These included an Intergovernmental meeting of PEMSEA, a series of virtual meetings of the UNEP Regional Seas Programmes, etc.</li> <li>• RCU attended a virtual meeting on reducing marine plastic pollution and enhance cooperation in the East Asian region. The meeting was organised by the Foreign Environmental Cooperation Centre (FECO) of the Ministry of Ecology and Environment of China on June 24, 2020.</li> <li>• NOWPAP was invited to introduce the experience in hosting the Regional Node of Global Partnership</li> </ul>

Outcomes / Expected Accomplishments	2020-21 PoW Activities	Responsible NOWPAP Body	2020-21 PoW Outputs / Performance indicators	Progress Summary (% of completion)	
				on Marine Litter in technical consultation of the Working Group in East Asia which was organised by the Coordinating Body on the Seas of East Asia (COBSEA) on 23-25 June 2020.	
		Q3-2020: ??%.			
	Maintain effective and regular dialogue, information exchange and communication between RCU and RACs and between RACs themselves (RCU)	RCU	Records of partnership building provided at each IGM	Q2-2020: Ongoing. Record of these is maintained in RCU and will be included in the documentation of the next IGM meeting.	
		Q3-2020: ??%.			
		RCU	Record of NOWPAP increasing visibility at face-to-face meetings and in media reported at IGMs	Q2-2020: Ongoing. RCU is closely engaged with all RACs on administrative and technical matters of PoW 2020-2021 implementation.	
		Q3-2020: ??%.			
Increasing number of joint activities among RACs (RCU supported by RACs)	RCU	Number and quality of joint activities between RACs	Q2-2020: Not Started.		
Q3-2020: ??%.					
Strengthened regional capacity on data and information share	Reports of the 18th and 19th NOWPAP DINRAC Focal Point Meeting prepared	DINRAC	Report of the 18th Northwest Pacific Data Center Focal Points Meeting	Q2-2020: Not Started.	
Q3-2020: ??%.					

Outcomes / Expected Accomplishments	2020-21 PoW Activities	Responsible NOWPAP Body	2020-21 PoW Outputs / Performance indicators	Progress Summary (% of completion)
		DINRAC	Report of the 19th Northwest Pacific Data Center Focal Points Meeting	Q2-2020: Not Started.
				Q3-2020: ??%.
	Implement the project plan reported and adopted by the Data Center Focal Points Meeting	DINRAC	Implement project plan	Q2-2020: Not Started.
				Q3-2020: ??%.
Improved cooperation among NOWPAP experts	Preparation of expert meeting report of 18th and 19th Northwest Pacific Data Center Focal Points Meeting;	DINRAC	Meeting Report for the expert meeting with 18th NOWPAP DINRAC FPM;	Q2-2020: Not Started.
				Q3-2020: ??%.
		DINRAC	Meeting Report for the expert meeting with 19th NOWPAP DINRAC FPM;	Q2-2020: Not Started.
				Q3-2020: ??%.
	Implement RAC work plans within budgets and in accordance with agreed milestones (RACs)	RCU	All RAC projects are being executed on time and with high quality outcomes	Q2-2020: Ongoing. Constant effort of RCU is put into coordinating and supporting RACs in implementing the agreed PoW. In Q2-2020 was the key achievements included the development of legal instruments with all RACs, drafting ToRs for consultants (RAP-BIO, POMRAC, etc.), engaging with UNEP HQs to operationalize the 2020-2021 budget, etc.
				Q3-2020: ??%.

Outcomes / Expected Accomplishments	2020-21 PoW Activities	Responsible NOWPAP Body	2020-21 PoW Outputs / Performance indicators	Progress Summary (% of completion)
Promote regional marine environmental cooperation	publish DINRAC newsletters, enhanced cooperation with international partners	DINRAC	4 NOWPAP DINRAC Newsletters	Q2-2020: Preparing newsletters for the second quarter (20%)
				Q3-2020: ??%.
	Organize efficiently CEARAC Focal Points and relevant expert meetings	CEARAC	Progress reviewed and meeting recommendations implemented	Q2-2020: Postponed until COVID-19 outbreak is under control. Discussions take place with FPs on modality to approve an Implementation Plan for the approved PoW 2020-2021.
	Q3-2020: ??%.			
	Organize efficiently DINRAC Focal Points and relevant expert meetings	DINRAC	Progress reviewed and meeting recommendations implemented.	Q2-2020: Not Started.
		Q3-2020: ??%.		
		DINRAC	DINRAC new directions identified	Q2-2020: Not Started.
		Q3-2020: ??%.		
Organize efficiently MERRAC Focal Points meetings	MERRAC	Implementation of the RCP discussed	Q2-2020: The 23 <sup>rd</sup> MERRAC FPM were delayed based on the consultation between Member States, and the major agenda will be discussed by email communication in August 2020. Uploading the meeting documents including the contents of the NOWPAP RCP at the website (25%)	
Q3-2020: ??%.				

Outcomes / Expected Accomplishments	2020-21 PoW Activities	Responsible NOWPAP Body	2020-21 PoW Outputs / Performance indicators	Progress Summary (% of completion)
		MERRAC	Relevant information on oil and HNS spill preparedness and response in the region exchanged	Q2-2020: Uploading the meeting documents including the information of the oil and HNS incidents at the website (25%) Q3-2020: ??%.
	Organize efficiently POMRAC Focal Points meetings	POMRAC	Progress reviewed and meeting recommendations implemented	Q2-2020: Not Started. Postponed due to COVID-19 pandemic. POMRAC Secretariat is working on alternative modality – a virtual online meeting. Q3-2020: ??%.
NOWPAP Trust Funds are managed efficiently and effectively through improved administrative, financial and human resources management	Provide quality support to RACs for financial and administrative operations (RCU) - Ensure quality and timeliness of procuring goods and services - Efficiently organize and provide logistical support to hosting countries for NOWPAP IGMs - Revise NOWPAP monitoring and evaluation processes, including the development and monitoring of the MTS 2018-2023 Results Planning and	RCU	- Financial transactions and administrative services provided and recorded in accordance with UN rules and regulations - Timely processing of cash advances and accurate recording of RAC expenditures by RCU and UNEP HQ Timely and efficient processing of contracts, procurement and other relevant services	Q2-2020: Ongoing: • RCU regularly attends the Ecosystems Integration Branch meetings and meetings of the Ecosystems Division’s Division Leadership Team (DLT). • RCU attended the Review meeting of the Regional Seas Global Outlook Report on 30 June 2020. • Updated the list of resource mobilization opportunities in Japan • Preparing NOWPAP panels with photos and introductory notes • Consulting with local governments on possible collaboration works in fiscal year 2020 • NOWPAP budget was allocated in UMOJA in accordance with the IGM approval

Outcomes / Expected Accomplishments	2020-21 PoW Activities	Responsible NOWPAP Body	2020-21 PoW Outputs / Performance indicators	Progress Summary (% of completion)
	Performance Reporting Framework (RPPRF) - Internal NOWPAP audit Review of Special Projects			<ul style="list-style-type: none"> <li>• Invoices for 2020 contribution from NOWPAP member states for 40PNL (Trust Fund) were issued</li> <li>• Invoice for 2020 contribution from Japan for 32 QNL (support of RCU Toyama Office) was issued</li> <li>• Invoice for 2020 contribution from Korea for 32 QNL (support of RCU Busan Office) in process</li> <li>• Contract with Korean Coast Guard for support of MERRAC was signed and started</li> <li>• Contracts with CEARAC, MERRAC for 2020-2021 NOWPAP PoW were signed and started</li> <li>• Contract with POMRAC for 2020-2021 NOWPAP PoW was approved, and in process for signatures</li> <li>• Contract with DINRAC for 2020-2021 NOWPAP PoW is in process of issuance</li> </ul> <p>Q3-2020: ??%.</p>

Outcomes / Expected Accomplishments	2020-21 PoW Activities	Responsible NOWPAP Body	2020-21 PoW Outputs / Performance indicators	Progress Summary (% of completion)
NOWPAP communications, public advocacy and digital engagement products better inform, influence and mobilize stakeholders and resources for the protection of marine and coastal environment	Produce information and outreach materials increasing NOWPAP visibility (RCU supported by RACs)	RCU supported by RACs	Number and quality of NOWPAP public outreach materials reported to each IGM	Q2-2020: Ongoing. Scripts for NOWPAP promotional videos in English sent to RACs for comments. Three web stories were posted on NOWPAP website. NOWPAP newsletter for 2020 Q2 was released.
		Q3-2020: ??%.		
	RCU	Regularly updated and renewed NOWPAP corporate website	Q2-2020: Q2-2020: Ongoing. NOWPAP web-site is regularly updated.	
	Q3-2020: ??%.			
	Upgrade and regularly update RAC websites (RACs)	RACs	Regularly updated and renewed RACs websites	Q2-2020: Ongoing. All web-sites are regularly updated.
	Q3-2020: ??%.			
	Completion of NOWPAP Communication Strategy and its implementation	RCU	Communication Strategy completed and consulted with Member States	Q2-2020: Not Started.
	Q3-2020: ??%.			

Outcomes / Expected Accomplishments	2020-21 PoW Activities	Responsible NOWPAP Body	2020-21 PoW Outputs / Performance indicators	Progress Summary (% of completion)
	External capacity and financial resources are mobilized for the implementation of NOWPAP activities	RCU	<ul style="list-style-type: none"> <li>- Maintain existing and find new partners and donors (RCU supported by RACs)</li> <li>- Prepare and secure funding for NOWPAP special projects and initiatives</li> <li>- Increase consistently amount of mobilized external human and financial resources (RCU and RACs)</li> <li>- Maintain a regular internship program (RCU)</li> </ul> Review of Special Project	<p>Q2-2020: Started. Additional resources are expected to be mobilized through CEARAC-led research Project to be funded by the GEO-Google Earth Engine Programme The Project team also includes: representatives from the Nagoya University, NPEC, the Japan Aerospace Exploration Agency, GOOGLE, Limited Liability Company (LLC), UNEP GPA, NOWPAP RCU, and the Japan Association for the UNEP.</p> <hr/> <p>Q3-2020: ??%.</p>



**Annex 2. Status Report for the 2020-2021 Legal Agreements**

Name of Parnter	Draft	Partners Portal	Implementing Partner	Amount of First Cash Advance	Date of Disbursement	Status of Disbursement
CEARAC	Complete	Complete	Complete	USD100,000	23-Jul-2020	Sent the bank statement to HQ on 4-Aug-2020
DINRAC	Complete	Complete	Waiting for Payment Request approval from UNON	USD115,500		
MERRAC PNL	Complete	Complete	Complete	USD90,000	23-Jul-2020	Sent the bank statement to HQ on 24-Jul-2020
MERRAC QNL	Complete	Complete	Complete	USD160,000	12-Jun-2020	Sent the bank statement to HQ on 16-Jun-2020
POMRAC	Complete	Complete	Complete	USD55,000	31-Jul-2020	Sent the bank statement to HQ on 18-Aug-2020

Note: There are a few outstanding financial issues with CEARAC (extended end date of 2018-19 SSFA), and CRAES (Funds transferred, but have to be re-called).