



**Northwest  
Pacific  
Action Plan**



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the Northwest Pacific Action Plan  
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**NOWPAP Programme of Work 2018-2019**

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### Budget explanatory note

1. At the 14<sup>th</sup> and 15<sup>th</sup> NOWPAP IGMs, member states requested NOWPAP RCU and RACs to present more detailed work plans and budgets for their consideration. The 16<sup>th</sup> NOWPAP IGM approved the NOWPAP programme of work (PoW) 2012-2013 aligned with the NOWPAP Medium-term Strategy (MTS) 2012-2017. Since 2014, Member States have been provided with the biannual PoW every two years prepared in accordance with the priorities of MTS. Information on the progress of the PoW implementation was reported by RCU at annual IGMs.
2. The 20<sup>th</sup> NOWPAP IGM (Beijing, China, 28-30 October 2015) approved the NOWPAP PoW 2016-2017. The status of implementation of NOWPAP PoW 2016-2017 is presented in the document UNEP/NOWPAP IG. 22/6 prepared for this meeting.
3. NOWPAP PoW 2018-2019 provided in this document is based on the decisions made by the Focal Points Meeting (FPM) of each RAC held in 2017. Table 1 below shows cumulative overall NOWPAP budget for 2018-2019 biennium.
4. The accumulated/unspent resources in the NOWPAP Trust Fund (40PNL) are about US\$1,050,000 as of 23/10/2017. UNEP established working capital reserve of US\$ 67,500 for the PNL account in 2015 (UNEP/NOWPAP IG. 20/12) that still leaves about US\$982,500 in PNL surplus. Considering that major restructuring of the RCU is completed and the expenditure rate for the current biennium reached 80% for the Trust Fund in this biennium<sup>1</sup> as well as that RACs have sufficient capacity to increase (to a certain extent) scope of their activities, RCU has submitted two budget proposals for the NOWPAP Trust Fund for 2018-2019 biennium: **Option A** (status quo – US\$1,000,000 – with 100% replenishment targets met by all Member States) and **Option B** (increase by 30% by using surplus resources up to US\$1,300,000). Consequently, all RACs prepared two budget proposals that were discussed and supported at the respective Focal Point Meetings.
5. The increased budget of the Trust Fund would allow Member States to reduce and ultimately eliminate the unsustainable surplus (tentatively over the course of next 6 years), while keeping required working capital reserve in accordance with the UN financial rules.
6. Table 1 provides cumulative budget for 2018-2019 for two budget options. Annex 1 provides approved by the 22<sup>nd</sup> IGM budget proposal with specific activities and performance indicators. Annex 2 provides approved budget for each RAC and RCU as adopted by the 22<sup>nd</sup> IGM.

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<sup>1</sup> Noting that the RCU reached full staffing capacity only in Sept 2016, the expenditure rate may have been higher.

7. The total requested **CEARAC** budget, including budget for RAP MALI activities, is USD194,250 for 2018-2019. Budget proposal is explained in the document (UNEP/NOWPAP IG. 22/4/1). In addition to regular CEARAC activities such as organization of Focal Point Meetings, updating web content and expenses related to RACs coordination activities, two specific projects are proposed and aim at strengthening CEARAC activities addressing marine and coastal biodiversity issues: development of CEARAC medium-term strategy on marine biodiversity and further development of a tool to map seagrass distribution in the NOWPAP region. The first activity should help CEARAC to define the vision and set up specific priorities as a contribution to MTS 2018-2023 and would be an important step towards defining Member States actions addressing marine and coastal biodiversity issues within the NOWPAP framework. CEARAC also proposes to allocate additional resources to develop a roadmap for Regional Action Plan for Marine and Coastal Biodiversity Conservation as a complementary activity to the CEARAC medium-term strategy that allows for wider consultation with RACs and various external national, regional and global partners to understand and mutually agree on the NOWPAP's comparative advantage in this area of marine biodiversity.
8. The total requested **DINRAC** budget, including budget for RAP MALI activities, is USD194,250. Budget proposal is explained in the document (UNEP/NOWPAP IG. 22/4/2). During 2018-2019 DINRAC will continue its regular activities, including organizing Focal Point Meetings and updating and supplementing existing databases as well as complete website migration started during 2016-2017 biennium. Three important activities aimed at (i) collecting data on sea reclamation sites (important regional cause of habitat modification), (ii) producing an inventory of major sources of environmental impacts in the region, and (iii) collecting further information on Red List species (Phase 3) are proposed. Activities (i) and (ii) should provide important information for the application and further development of ecosystem-based approach to coastal development, while activity (iii) will make an important contribution to further development of NOWPAP biodiversity action plan. Under option B, DINRAC would be able to expand its data collection efforts and also increase the number of its GIS-based products.
9. The total requested **MERRAC** budget, including RAP MALI activities, is USD194,250. Budget proposal is explained in the document (UNEP/NOWPAP IG. 22/4/3). Resources will continue to be used for organizing Focal Point and National Competent Authorities meetings as well as used to support regional cooperation, including with IMO. Additional resources for communication activities available in 2018-2019 compared to the previous biennium will allow MERRAC to improve and upgrade its information management system, the work already started but moving slowly due to limited availability of resources. In 2019, MERRAC is planning to organize an expert meeting to be hosted by Japan to discuss status of issues related to oil and HNS spills in the region that would inform future activities of MERRAC. MERRAC will also organize an expert workshop and develop regional report on capacity gaps addressing requirements of relevant IMO conventions and guidelines on marine pollution preparedness and response in the NOWPAP region. Also, additional funds are requested to complete upgrade of MERRAC information system.

10. The total requested **POMRAC** budget is USD194,250 for 2018-2019. Budget proposal is explained in the document (UNEP/NOWPAP IG. 22/4/4). Resources are requested to organize annual Focal Point Meetings and various communication activities. Two technical projects are planned for the implementation in 2018-2019 biennium: further development of Ecological Quality Objectives indicators focusing initially on those related to SDG indicators and regional overview of microplastics inputs with river discharge. The first activity is foundational for NOWPAP further development (start establishing “good” environmental status of the NOWPAP region), while the second one aims to fill an important knowledge gap on microplastics inputs with coastal rivers in the NOWPAP region. POMRAC also proposes to undertake regional overview of pollution trends with rivers and direct inputs in the NOWPAP region. The review should become an integral part of SOMER-3 report and is particularly necessary because the last NOWPAP review on this subject was completed more than a decade ago. Additional resources complemented by RCU funds are requested to develop a regional overview of ecosystem-based coastal zone management and marine spatial planning practices and lessons learned focusing on selected cases studies in the region.
11. The use of **RAP MALI** funds is explained in the document UNEP/NOWPAP IG. 22/9.
12. **RCU** budget is requested to support operations of RCU offices, communication and public awareness activities, resource mobilization and coordination activities of RACs. RCU will continue strengthening regional partnerships and requests keeping USD15,000 for resource mobilization and communication activities. The latter are required to complete migration and upgrade of the old NOWPAP website and production of various digital products, including in the four languages of the region. As a part of communication activities, RCU is requesting USD15,000 for collaboration with PICES to produce policy-relevant brief report (aka UNEP Emerging Issues reports) assessing major emerging issues of environmental concern in the NOWPAP region for policy makers. With the introduction of UMOJA accounting system that does not distinguish two budget categories, it is proposed to merge two lines: Coordination of RACs and Implementation of NOWPAP under one category: Implementation of NOWPAP. Current expenditure rates for operational expenses of RCU stand at about USD50,000 proposed for this budget line for this biennium. “Saved” operational funds of USD27,000 are proposed for Implementation of NOWPAP budget line that would allow providing additional support to NOWPAP experts to attend relevant regional and global meetings. Considering the increasing focus of RCU activities on resource mobilization efforts for NOWPAP special projects, RCU is requesting funds increase of USD12,000 for this budget line. Finally, RCU is requesting a new budget line for NOWPAP special projects with the allocation of USD95,000 for the biennium. Proposal for the use of these funds is presented in a separate document (UNEP/NOWPAP IG. 22/11/Ver.1).

Table 1. NOWPAP Work plan and Budget (Thousand US\$) for 2018-2019

Activity	Approved Budget	Suggested Budget Option B
	2016-2017	2018-2019
CEARAC	140	185
DINRAC	140	185
MERRAC	140	185
POMRAC*	140	185
RAP MALI	70	91
Public Awareness (RCU)	19	20
Coordination of RACs (RCU)	16	127
Implementation of NOWPAP (RCU)	83	
RCU Operation (RCU)	78	50
Resource Mobilization (RCU)	15	27
NOWPAP Special Projects / Initiatives	-	95
<b>Sub-total</b>	<b>841</b>	<b>1150</b>
<b>13% of the sub-total as Programme Support Cost</b>	<b>109</b>	<b>150</b>
<b>TOTAL</b>	<b>950</b>	<b>1,300</b>

- POMRAC is requesting to transfer US\$80,000 to DINRAC to cover costs of international consultants and additional activities

### Annex 1: NOWPAP Programme of Work 2018-2019:

**Total budget of US\$1,300,000 for the biennium incl. 13% of PSC**

#### Priority Area 1. Support ecosystem-based integrated coastal and river basin management (ICARM)

Relevance to NW Pacific Action Plan Objectives, NOWPAP MTS 2018-2023, NOWPAP EcoQOs, SDGs, links to other actions	Outcomes / Expected Accomplishments	2018-19 PoW Activities (leading RAC(s) or RCU)	2018-19 PoW Outputs / Performance indicators <sup>2</sup>	Resources (US\$)	
				TF	External <sup>3</sup>
<p>Objectives (3) and (4) of the Action Plan</p> <p>NOWPAP MTS 2018-2023 priority area 1</p> <p>SDG 14.2</p> <p>Contribution to the achievement of SDGs 6, 11, 13, 14, and 15</p> <p>PEMSEA Integrated Coastal Management (ICM) Activities</p> <p>Expected partners: PEMSEA, UNDP/GEF YSLME Project Phase II, UNEP Regional Seas Programme (HELCOM in particular), and</p>	<p>1.1.1. NOWPAP Member States are developing and applying ecosystem-based management policies, tools and practices to support sustainable development of coastal zones and the marine environment</p>	<p>- Establish ICARM WG (POMRAC)</p> <p>- Conduct Regional workshop and training course on ICZM/MSP (ICARM WG, POMRAC and DINRAC together with PEMSEA)</p>	<p>Through nomination of experts and active participation and discussion, NOWPAP member states recognize the importance of regional cooperation on ecosystem-based planning and management</p>	<p>In-kind</p> <p>10,000 (RCU)</p>	<p>PEMSEA (in-kind)</p>
	<p>1.1.2. Planning and decision-making processes for ICZM and MSP by NOWPAP Member States enhance inter-connectedness between the land and the sea and promote cross-sectoral cooperation</p>	<p>- Develop Regional overview of ICZM and MSP policies, practices and lessons learned (ICARM WG, led by POMRAC with RCU and DINRAC)</p>	<p>Regional overview of ICZM and MSP policies, practices and lessons learned developed</p>	<p>5,000 (POMRAC with additional RCU funds)</p>	<p>PEMSEA (in-kind)</p>
	<p>1.1.3. Planning mechanisms, including</p>	<p>- Compile information on sea reclamation</p>	<p>Inventory of major sea Reclamation sites and their</p>	<p>23,000 (DINRAC)</p>	

<sup>2</sup> To be further developed and verified for inclusion in the NOWPAP MTS 2018-2023 Monitoring and Evaluation Framework

<sup>3</sup> Amount of mobilized external resources will be verified during preparation of project documents in 2018 and reported regularly at IGMs.

UNESCO/IOC (on a global dialogue)	integrated water resources management, ICZM and MSP in NOWPAP Member States contribute to reduced pressures on the coastal and marine environment	sites and their management (DINRAC)  - Inventory of pollution sites/human objects (DINRAC)	management compiled  Inventory of major potential pollution sites/industrial objects compiled	23,000 (DINRAC)	
	1.1.4. "Good environmental status" of the NOWPAP is defined and provides a baseline and direction for Member States action	- Develop regional NOWPAP EcoQO targets aligned with SDG indicators (Phase 1) (POMRAC supported by other RACs and RCU) - Conduct Regional workshop "Development of regional NOWPAP EcoQO targets aligned with SDG indicators" (POMRAC supported by other RACs and RCU)	NOWPAP targets and indicators aligned with relevant SDG targets are proposed for adoption by IGM in 2019 Successfully organized workshop leads to mutually agreed list of aligned with SDGs NOWPAP targets and indicators	29,000 (POMRAC)  18,000 (POMRAC)	UNEP Regional Seas Programme (In-kind)

**Priority Area 2. Assess status of the marine and coastal environment**

Relevance to NW Pacific Action Plan Objectives, NOWPAP MTS 2018-2023, NOWPAP EcoQOs, SDGs, links to other actions	Outcomes / Expected Accomplishments	2018-19 PoW Activities (leading RAC(s) or RCU)	2018-19 PoW Outputs / Performance indicators	Resources (US\$)	
				TF	External
Objectives (1) and is also related to Objective (2)  Contribution to the achievement of several	2.1.1. NOWPAP Member States are provided with integrated periodic assessments of state of marine and coastal environment and	- Develop Regional Report "Microplastics abundance in river runoff and coastal waters of the NOWPAP region with	Microplastics contamination with river discharge is assessed and policy recommendations provided to Member States	28,000 (POMRAC)	In-kind contributions from Member States

<p>targets of SDGs 6, 12, 14, 15, and 17</p>	<p>its individual 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</p>	<p>a case study in the Russian coastal waters”</p> <p>Regional workshop “Microplastics abundance in river runoff and coastal waters of the NOWPAP region with a case study in the Russian coastal waters”</p> <p>Additional activities under Areas 3 and 4 will contribute to this outcome</p>	<p>Successfully organized workshop verifies results of the research and raises awareness about the negative impacts of microplastics inputs with river discharge</p>	<p>18,000 (POMRAC)</p>	<p>Workshop hosting institution (in-kind)</p>
		<p>- Regional overview: Assessment of trends in river and direct inputs of contaminants to the marine and coastal environment in the NOWPAP region during the last decade. Contribution to SOMER-3 (POMRAC)</p>	<p>Regional overview of river pollution with related policy recommendations completed</p>	<p>29,000 (POMRAC)</p>	<p>In-kind Contribution (Russian Academy of Sciences)</p>
	<p>2.1.2. NOWPAP Member States, through the NOWPAP Information Portal, have free and user-friendly access to data and reliable information on coastal and marine environment collected from members, NOWPAP RACs, other institutions and projects</p>	<p>- Collect marine environmental data for 2016 and 2017 (DINRAC)</p> <p>- Compile the data by categories, countries and years (DINRAC)</p> <p>- Make data available on the DINRAC portal</p>	<p>Collected data and evidence of databases being used reported at annual FPMs</p>	<p>23,000 (DINRAC)</p>	<p>MEP, China</p>



		with free access (DINRAC)			
	2.1.3. New and emerging environmental issues, including climate change impacts on socio-ecological systems in the NOWPAP region, are identified and addressed by Member States, as appropriate	- Produce rapid assessment of emerging environmental issues (RCU with RACs contributions supported by PICES)	Policy-relevant assessment of emerging issues of environmental concern produced together with PICES provides examples of ways to address them, including through innovating and rethinking policy interventions, devising new solutions and adapting existing practices	15,000 (RCU)	PICES

**Priority Area 3. Prevent and reduce land- and sea-based pollution**

Relevance to NW Pacific Action Plan Objectives, NOWPAP MTS 2018-2023, NOWPAP EcoQOs, SDGs, links to other actions	Outcomes / Expected Accomplishments	2018-19 PoW Activities (leading RAC(s) or RCU)	2018-19 PoW Outputs / Performance indicators	Resources (US\$)	
				TF	External
Objectives (4) and (5)  SDG 14.1  NOWPAP EcoQO 3: Eutrophication adverse effects are absent, EcoQO 4: Contaminants cause no significant impact on coastal and marine ecosystems and human health, and EcoQO 5: Marine litter does not adversely affect coastal and marine environments	3.1.1. NOWPAP Member States have 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)  - Update information on marine pollution response resources, including equipment, institutions and experts (MERRAC)  - Organize efficiently RAC Focal Points and relevant expert	NOWPAP RCP regularly updated  Information system on marine pollution preparedness and response based on Web GIS is updated regularly on MERRAC website	52,000 (MERRAC)	Workshop hosting institution,

<p>Contribution to the achievement of several targets of SDGs 6, 8, 11, 12, and 14</p> <p>On RAP MALI: 2<sup>nd</sup> and 3<sup>rd</sup> United Nations Environment Assembly decisions, G7 Action Plan to Combat Marine Litter, and G20 Action Plan on Marine Litter, GESAMP Programme of Work, activities of Global Programme of Action (GPA)</p>	<p>meetings (RACs supported by RCU)</p> <p>- Conduct 2019 expert meeting to discuss technical issues on oil and HNS spill preparedness and response in Japan (MERRAC)</p>	<p>Expert meeting identifies specific issues related to oil and HNS spill preparedness and response informing MERRAC mandate and follow up actions by Member States</p>	<p>27,000 (MERRAC)</p>	<p>partners (in-kind)</p>
	<p>- Organize regular table-top, communication and full scale oil and NHS spill exercises (2 BRAVO and 1 DELTA) (MERRAC)</p>	<p>Table-top, communication and full-scale oil and/or HNS spill exercises carried out</p>	<p>In-kind</p>	<p>Member States contribution</p>
	<p>- Develop guidelines on the assessment of oil spill response capability in the NOWPAP region (led by P.R. China, MERRAC)</p> <p>- Develop regional overview on the use of unmanned aircraft during marine pollution response in the NOWPAP region (led by P. R. China, MERRAC)</p> <p>- Assess oil spill emergency preparedness and response for the offshore platform in the NOWPAP region (led by Russian Federation, MERRAC)</p>	<p>Training manuals and guidelines published and evidence provided about their usability by Member States (through specific projects)</p>	<p>15,000 (MERRAC)</p> <p>10,000 (MERRAC)</p> <p>15,000 (MERRAC)</p>	

	<p>3.1.2. NOWPAP Member States are provided with reliable information, guidelines and best practices addressing prevention and mitigation of coastal and marine pollution, including eutrophication</p>	<ul style="list-style-type: none"> <li>- Regularly update of information available on the Marine Environmental Watch System registered as NEAR-GOOS database, including eutrophication data (CEARAC/NPEC)</li> <li>- CEARAC websites and databases enhanced using cloud computing (CEARAC)</li> </ul>	<p>Regularly updated data available on Marine Environmental Watch portal; evidence of their usability by various stakeholders</p>	<p>15,000 (CEARAC)</p>	<p>MoE of Japan, Toyama Prefecture</p>
		<ul style="list-style-type: none"> <li>- Conduct expert workshop and develop regional report on capacity gaps addressing requirements of relevant IMO conventions and guidelines on marine pollution preparedness and response in the NOWPAP region (MERRAC)</li> </ul>	<p>Expert workshop organized and provided recommendations on further development of MERRAC activities addressing requirements of relevant IMO conventions and guidelines on marine pollution preparedness and response</p>	<p>20,000 (MERRAC)</p>	<p>In-kind member states</p>
	<p>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)</p>	<ul style="list-style-type: none"> <li>- Organize 2018 and 2019 NOWPAP-TEMM Marine Litter Management Workshops and International Coastal Cleanup campaigns (RCU supported by RACs)</li> <li>- Enhance NW Pacific regional node of the Global Partnership on Marine</li> </ul>	<p>Regular updated on global, regional and national actions addressing marine litter, incl. microplastics provided at the annual NOWPAP-TEMM workshops</p> <p>Increasing amount of data and information about microplastics contamination in the NOWPAP region and the evidence of increasing response measures.</p>	<p>40,000 (RCU)</p>	<p>Hosting Member State</p> <p>20,000 (UNEP GPA)</p>

		<p>Litter (GPML) (RCU and DINRAC)</p> <ul style="list-style-type: none"> <li>- Undertake Regional overview of national efforts to address microplastics (CEARAC)</li> <li>- Update marine litter information and databases (DINRAC, CEARAC, RCU)</li> <li>- Assess floating marine litter sources and flows (MERRAC)</li> <li>- Conduct research on microplastics content and migration in the Peter the Great Gulf, Russia (POMRAC)</li> <li>- Third Regional Overview of marine litter in the NOWPAP region (RCU supported by RACs)</li> </ul>	<p>Records of progress in implementing sound management of marine litter</p> <p>Increasing number of various stakeholders and citizens participate in beach cleanup campaigns in member countries</p> <p>Updated regularly information on GPML Regional Node; evidence of the Node playing increasing role in facilitating regional information exchange and networking</p> <p>Third regional overview of marine litter completed and include relevant recommendations for the update of RAP MALI</p>	<p>9,250 (CEARAC)</p> <p>9,250 (DINRAC)</p> <p>9,250 (MERRAC)</p> <p>13,250 (POMRAC)</p> <p>6,000 (RAP MALI, RCU)</p>	<p>MoE Japan, Toyama Prefecture</p> <p>MoE, China</p> <p>Russian Academy of Sciences</p> <p>In-kind contributions from national entities</p>
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**Priority Area 4. Conserve marine and coastal biodiversity**

Relevance to NW Pacific Action Plan Objectives, NOWPAP MTS 2018-2023, NOWPAP EcoQOs, SDGs, links to other actions	Outcomes / Expected Accomplishments	2018-19 PoW Activities (leading RAC(s) or RCU)	2018-19 PoW Outputs / Performance indicators	Resources (US\$)	
				TF	External

<p>Objectives 3, task (e), (f); Objective 4 (g)</p> <p>SDG 14.2 and SDG 14.5</p> <p>NOWPAP EcoQO 1: Biological and habitat diversity are not changed significantly due to anthropogenic pressure;</p> <p>NOWPAP EcoQO 2: Alien species are at levels that do not adversely alter the ecosystems.</p> <p>Contribution to the achievement of several targets of SDGs 6, 13, 14, and 15</p>	<p>4.1.1. 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>	<ul style="list-style-type: none"> <li>- Develop a tool for mapping seagrass distribution in the NOWPAP region (CEARAC)</li> <li>- Construct web-based service for mapping seagrass distribution (CEARAC)</li> <li>- Collect data and information on species filed in the Red Lists of NOWPAP Member States (Phase 3) (DINRAC)</li> </ul>	<p>Tool for mapping seagrass distribution using cloud computing is developed, evidence of usage by public</p> <p>Information on Red List species (Phase 3) collected and available on DINRAC website</p>	<p>40,000 (CEARAC)</p> <p>23,000 (DINRAC)</p>	<p>MoE Japan, Toyama Prefecture</p> <p>External grant (CEARAC)</p> <p>Unknown (GoJ)</p>
	<p>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)</p>	<ul style="list-style-type: none"> <li>- Contribute to development of NOWPAP MPAs network through regional cooperation with Yellow Sea LME Phase II project and with NEASPEC on NEAMPAN project led by the Russian Federation (RCU supported by CEARAC and POMRAC)</li> </ul>	<p>Participation of NOWPAP experts in relevant activities results in improved marine biodiversity conservation measures</p>	<p>RCU budget</p>	<p>Partners funds</p>
	<p>4.1.3. NOWPAP Member States adopt Regional Action Plan for Marine and Coastal Biodiversity Conservation</p>	<ul style="list-style-type: none"> <li>- Identify priority biodiversity areas for NOWPAP action (produce CEARAC Medium-term Strategy on Marine Biodiversity) (CEARAC)</li> </ul>	<p>Vision and workplan for biodiversity related activities developed by CEARAC and informs further work of NOWPAP</p>	<p>30,000 (CEARAC)</p>	<p>MoE Japan</p>
		<ul style="list-style-type: none"> <li>- Develop roadmap for Regional Action Plan</li> </ul>	<p>Expert workshop with partners organized and</p>	<p>30,000 (CEARAC)</p>	<p>Mobilized resources</p>

		for Marine and Coastal Biodiversity Conservation (CEARAC supported by RCU and other RACs)	recommendations provided for the structure and development of the NOWPAP Regional Action Plan on marine and coastal biodiversity	with additional RCU funds)	
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**Strengthening regional cooperation through partnership building and resource mobilization**

Relevance to NW Pacific Action Plan Objectives, NOWPAP MTS 2018-2023, NOWPAP EcoQOs, SDGs, links to other actions	Outcomes / Expected Accomplishments	2018-19 PoW Activities (leading RAC(s) or RCU)	2018-19 PoW Outputs / Performance indicators	Resources (US\$)	
				TF	External
Objective 5, tasks (b), (d), and (e)  SDG 17  IGM-16 decision on RCU coordinating role for environmental protection activities among RACs  UNEP Marine and Coastal Strategy  Resolutions of UNEA and other global and regional forums  Implementation of NOWPAP voluntary commitment to Ocean Conference on SDG 14	NOWPAP network of Regional Activity Centers is managed effectively and complemented by well-functioning multi-stakeholder partnerships	- Implement and report on all IGM decisions, including project development and management and partnership building (RCU with RACs) - NOWPAP tangibly contributing to global, regional, national and sub-national meetings and events increase visibility and attract new partners (RCU with RACs) - Maintain effective and regular dialogue, information exchange and communication between RCU and RACs and between RACs themselves (RCU)	All IGM decisions are implemented  Existing partnerships are strengthened and new ones established. Records of partnership building provided at each IGM  Communication and assistance provided to RACs Number and quality of joint activities between RACs  All RAC projects are being executed on time and with high quality outcomes  All RAC FPMs and expert meetings are organized on time and with high quality outputs	58,000 (CEARAC)  50,000 (DINRAC)  22,000 (MERRAC)  40,000 (POMRAC)  127,000 (RCU)	350,000 (MoE, Japan)  TBC (MoE, China)  400,000 KCG-R. Korea)  TBC (PGI-Russia)

		<ul style="list-style-type: none"> <li>- Increasing number of joint activities among RACs (RCU supported by RACs)</li> <li>-Implement RAC work plans within budgets and in accordance with agreed milestones (RACs)</li> <li>- Organize efficiently RAC Focal Points and relevant expert meetings (RACs supported by RCU)</li> </ul>			
	NOWPAP Trust Funds are managed efficiently and effectively through improved administrative, financial and human resources management	<ul style="list-style-type: none"> <li>- Provide quality support to RACs for financial and administrative operations (RCU)</li> <li>- Ensure quality and timeliness of procuring goods and services</li> <li>- Efficiently organize and provide logistical support to hosting countries for NOWPAP IGMs</li> <li>- Establish NOWPAP monitoring and evaluation processes, including development and monitoring of the MTS 2018-2023 Results Planning and Performance Reporting Framework (RPPRF)</li> </ul>	<p>Financial transactions and administrative services provided and recorded in accordance with UN rules and regulations</p> <p>Timely processing of cash advances and accurate recording of RAC expenditures by RCU and UNEP HQ</p> <p>Timely and efficient processing of contracts, procurement and other relevant services</p> <p>Developed MTS 2018-2023 Results Planning and Performance Reporting Framework (RPPRF) with SMART indicators used for monitoring and evaluation NOWPAP performance</p>	50,000 (RCU)	
	NOWPAP communications, public	<ul style="list-style-type: none"> <li>- Develop revised NOWPAP</li> </ul>	Revised NOWPAP communication and public	12,000 (CEARAC)	

	<p>advocacy and digital engagement products better inform, influence and mobilize stakeholders and resources for the protection of marine and coastal environment</p>	<p>communication and public awareness strategy (RCU in consultation with RACs)</p> <ul style="list-style-type: none"> <li>- Produce information and outreach materials increasing NOWPAP visibility (RCU supported by RACs)</li> <li>- Establish new NOWPAP user-friendly website (RCU)</li> <li>- Upgrade and regularly update RAC websites (RACs)</li> </ul> <p>- RCU additional communication efforts to support expanded mandate (incl. RAP MALI)</p>	<p>awareness strategy developed</p> <p>Number and quality of NOWPAP public outreach materials reported to each IGM</p> <p>Regularly updated and renewed NOWPAP corporate website</p> <p>Regularly updated and renewed RACs websites</p> <p>Record of NOWPAP increasing visibility at face-to-face meetings and in media reported at IGMs</p>	<p>43,000 (DINRAC)</p> <p>24,000 (MERRAC)</p> <p>14,000 (POMRAC)</p> <p>3,000 (RCU)</p>	
	<p>External capacity and financial resources are mobilized for the implementation of NOWPAP activities</p>	<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 regular internship program (RCU)</li> </ul>	<p>Records of mobilized financial resources by RCU and RACs external to NOWPAP TF and reported at IGMs show consistent increase</p> <p>Number and quality of new project proposals developed</p> <p>NOWPAP special projects/ initiatives are fully developed and their implementation started</p> <p>Regular internship program at both RCU offices evaluated a successful by interns</p>	<p>15,000 (RCU)</p>	



		Preparation grants for NOWPAP Special projects		12,000 (RCU)	In-kind from member states
		<p>NOWPAP Special Projects:</p> <ol style="list-style-type: none"> <li>1. Monitoring and assessment methods for microplastics pollution (Chinese Academy of Environmental Sciences (up to US\$50k)</li> <li>2. TBD intersessionally before 23<sup>rd</sup> IGM</li> </ol>		95,000 (RCU for lead project agencies)	Mobilized resources

## Annex 2: NOWPAP Programme of Work 2018-2019: RCU and RACs Budgets (excl. 13% of PSC)

2018-19 PoW Activities	Resources (US\$)	
	TF	External
<b>RCU</b>		
- Conduct Regional workshop and training course on ICZM/MSP (ICARM WG, POMRAC and DINRAC together with PEMSEA)	10,000	PEMSEA (in-kind)
- Produce rapid assessment of emerging environmental issues (RCU with RACs contributions supported by PICES)	15,000	PICES (in-kind)
- Organize 2018 and 2019 NOWPAP-TEMM Marine Litter Management Workshops and International Coastal Cleanup campaigns	40,000	Hosting Member States
- Contribute to development of NOWPAP MPAs network through regional cooperation with Yellow Sea LME Phase II project and with NEASPEC on NEAMPAN project led by the Russian Federation (RCU supported by CEARAC and POMRAC)	RCU budget	Partner funds
- Implement and report on all IGM decisions, including project development and management and partnership building (RCU with RACs) - NOWPAP tangibly contributing to global, regional, national and sub-national meetings and events increase visibility and attract new partners (RCU with RACs) - Maintain effective and regular dialogue, information exchange and communication between RCU and RACs and between RACs themselves (RCU) - Increasing number of joint activities among RACs (RCU supported by RACs)	127,000	
- 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 - Establish NOWPAP monitoring and evaluation processes, including development and monitoring of the MTS 2018-2023 Results Planning and Performance Reporting Framework (RPPRF)	50,000	
- Maintain existing and find new partners and donors (RCU supported by RACs) - Prepare and secure funding for NOWPAP new initiatives - Increase consistently amount of mobilized external human and financial resources (RCU and RACs) - Maintain regular internship program (RCU)	15,000	
- Third Regional Overview of marine litter in the NOWPAP region (RCU supported by RACs)	6,000 (RAP MALI, RCU)	In-kind contributions from national

		entities
- RCU additional communication efforts to support expanded mandate (incl. RAP MALI)	3,000	
Preparation grants for NOWPAP Special Projects (RCU supported by lead national entity)	12,000	
NOWPAP Special Projects (details provided in UNEP/NOWPAP IG. 22/11) "Monitoring and assessment methods for microplastics pollution" (Chinese Research Academy of Environmental Sciences) (up to 50K) TBD intersessionally until 23 <sup>rd</sup> IGM	95,000 (RCU for lead national agencies)	
<b>TOTAL</b>	<b>373,000</b>	

**CEARAC**

- Regularly update of information available on the Marine Environmental Watch System registered as NEAR-GOOS database, including eutrophication data (CEARAC/NPEC) - CEARAC websites and databases enhanced using cloud computing (CEARAC)	15,000	MoE of Japan, Toyama Prefecture
- Undertake Regional overview of national efforts to address microplastics (CEARAC)	9,250	MoE Japan, Toyama Prefecture
- Develop a tool for mapping seagrass distribution in the NOWPAP region (CEARAC)	40,000	MoE Japan, Toyama Prefecture
- Construct web-based service for mapping seagrass distribution (CEARAC)		External grant (CEARAC)
- Identify priority biodiversity areas for NOWPAP action (produce CEARAC Medium-term Strategy on Marine Biodiversity) (CEARAC)	30,000	MoE Japan
- Implement RAC work plans within budgets and in accordance with agreed milestones (RACs) - Organize efficiently RAC Focal Points and relevant expert meetings (RACs supported by RCU)	58,000	350,000 (MoE, Japan)
- Upgrade and regularly update RAC websites (RACs)	12,000	
- Develop roadmap for Regional Action Plan for Marine and Coastal Biodiversity Conservation (CEARAC supported by RCU and other RACs)	30,000 (CEARAC with additional RCU funds)	
<b>TOTAL</b>	<b>194,250</b>	

**DINRAC**

- Compile information on sea reclamation sites and their management (DINRAC)	23,000	
- Inventory of pollution sites/human objects (DINRAC)	23,000	
- Collect marine environmental data for 2016 and 2017 (DINRAC)	23,000	MEP, China
- Compile the data by categories, countries and years (DINRAC)		
- Make data available on the DINRAC portal with free access (DINRAC)		
- Update marine litter information and databases (DINRAC, CEARAC, RCU)	9,250	MEP, China
- Collect data and information on species filed in the Red Lists of NOWPAP Member States (Phase 3) (DINRAC)	23,000	Unknown (GoJ)
-Implement RAC work plans within budgets and in accordance with agreed milestones (RACs)	50,000	MEP, China
- Organize efficiently RAC Focal Points and relevant expert meetings (RACs supported by RCU)		
- Upgrade and regularly update RAC websites (RACs)	40,000	
- Additional WebGIS-based maps for DINRAC website (DINRAC)	3,000	
- Development of the Regional Node		GPA budget up to 20K
<b>TOTAL</b>	<b>194,250</b>	

**MERRAC**

<ul style="list-style-type: none"> <li>- Update and maintain NOWPAP Regional Contingency Plan (RCP) (MERRAC)</li> <li>- Update information on marine pollution response resources, including equipment, institutions and experts (MERRAC)</li> <li>- Organize efficiently RAC Focal Points and relevant expert meetings (RACs supported by RCU)</li> </ul>	52,000	
<ul style="list-style-type: none"> <li>- Conduct 2019 expert meeting to discuss technical issues on oil and HNS spill preparedness and response in Japan (MERRAC)</li> </ul>	27,000	Workshop hosting institution, partners (in-kind)
<ul style="list-style-type: none"> <li>- Organize regular table-top, communication and full-scale oil and NHS spill exercises (2 BRAVO and 1 DELTA) (MERRAC)</li> </ul>	In-kind	Member States contribution
<ul style="list-style-type: none"> <li>- Develop guidelines on the assessment of oil spill response capability in the NOWPAP region (led by P.R. China, MERRAC)</li> </ul>	15,000	
<ul style="list-style-type: none"> <li>- Develop regional overview on the use of unmanned aircraft during marine pollution response in the NOWPAP region (led by P. R. China, MERRAC)</li> </ul>	10,000	
<ul style="list-style-type: none"> <li>- Assess oil spill emergency preparedness and response for the offshore platform in the NOWPAP region (led by Russian Federation, MERRAC)</li> </ul>	15,000	
<ul style="list-style-type: none"> <li>- Assess floating marine litter sources and flows (MERRAC)</li> </ul>	9,250	
<ul style="list-style-type: none"> <li>Implement RAC work plans within budgets and in accordance with agreed milestones (RACs)</li> <li>- In case of major oil spill, exchange POL REP and activate the RCP, conduct joint oil spill response</li> </ul>	22,000	
<ul style="list-style-type: none"> <li>- Conduct expert workshop and develop regional report on capacity gaps addressing requirements of relevant IMO conventions and guidelines on marine pollution preparedness and response in the NOWPAP region (MERRAC)</li> </ul>	20,000	
<ul style="list-style-type: none"> <li>- Renew and consolidate MERRAC websites and relevant Information system (MERRAC), including enhancing the level of security</li> </ul>	24,000	
<p><b>TOTAL</b></p>	<b>194,250</b>	



**POMRAC**

- Establish ICARM WG (POMRAC)	In-kind	
- Develop regional NOWPAP EcoQO targets aligned with SDG indicators (Phase 1) (POMRAC supported by other RACs and RCU)	29,000	UNEP Regional Seas Programme (In-kind)
- Conduct Regional workshop “Development of regional NOWPAP EcoQO targets aligned with SDG indicators” (POMRAC supported by other RACs and RCU)	18,000	
- Develop Regional Report “Microplastics abundance in river runoff and coastal waters of the NOWPAP region with a case study in the Russian coastal waters”	28,000	In-kind contributions from Member States
Regional workshop “Microplastics abundance in river runoff and coastal waters of the NOWPAP region with a case study in the Russian coastal waters”	18,000	In-kind contributions from Member States Workshop hosting institution (in-kind)
- Conduct research on microplastics content and migration in the Peter the Great Gulf, Russia (POMRAC)	13,250	Russian Academy of Sciences
-Implement RAC work plans within budgets and in accordance with agreed milestones (RACs) - Organize efficiently RAC Focal Points and relevant expert meetings (RACs supported by RCU)	40,000	TGI-RAS (in-kind)
- Upgrade and regularly update RAC websites (RACs)	14,000	
- Develop Regional overview of ICZM and MSP policies, practices and lessons learned (ICARM WG, led by POMRAC with RCU and DINRAC)	5,000 (POMRAC with additional RCU funds)	In-kind (PEMSEA)
- Regional overview: Assessment of trends in river and direct inputs of contaminants to the marine and coastal environment in the NOWPAP region	29,000	In-kind Contribution (Russian Academy of Sciences)



<b>TOTAL</b>	<b>194,250</b>	
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