



**Northwest
Pacific
Action Plan**



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NOWPAP Programme of Work, 2016-2017

1. At the 14th and 15th NOWPAP IGMs, member states requested NOWPAP RCU and RACs to present more detailed work plans and budgets for their consideration. The 16th NOWPAP IGM approved the NOWPAP programme of work (PoW) 2012-2013 aligned with the NOWPAP Medium-term Strategy (MTS) 2012-2017. NOWPAP PoW 2014-2015 was presented to the 18th IGM in the same format. Since 2014, member states have been provided with the information on the progress of the PoW implementation at every regular IGM.
2. NOWPAP PoW 2016-2017 presented in this document is based on the decisions made by Focal Points Meetings (FPMs) of each RAC held in 2015 (except POMRAC). Table 1 shows the suggested overall NOWPAP budget for 2016-2017 biennium (with expected total expenditure equal to annual contributions of NOWPAP member states).
3. The detailed 2016-2017 budgets and work plans for all NOWPAP RACs with quarterly milestones (based on the approved overall NOWPAP 2016-2017 budget) will be circulated later.

Table 1. NOWPAP Workplan and Budget (Thousand US\$) for 2016-2017

Activity	Approved Budget	Suggested Budget
	2014-2015	2016-2017
CEARAC	125	140
DINRAC	125	140
MERRAC	125	140
POMRAC	125	140
RAP MALI	70	70
Public Awareness	29	19
Coordination of RACs	16	16
Implementation of NOWPAP	83	83
RCU Operation	78	78
Resource Mobilization	20	15
Sub-total	796	841
13% of the sub-total as Programme Support Cost	104	109
TOTAL	900	950

NOWPAP Programme of Work 2016-2017

Theme 1. Integrated coastal and river basin management

2016-17 PoW Outputs	Specific activities	Relation to NW Pacific Action Plan and IGM decisions, links to other actions	Performance indicators	Resources (US\$)	
				TF	External
Practical application of principles of Integrated Coastal Planning/Management	Regional workshop/training course on Integrated Coastal Planning/Management	NOWPAP Objectives (iii) and (iv) NOWPAP MTS 2012-2017 UNEP PoW 2014-15: Freshwater and Marine Ecosystems Branch (FMEB) PEMSEA integrated coastal management (ICM) activities	NOWPAP member states recognize importance of Integrated Coastal Planning/Management principles (through their nominations of national experts to attend training course)	25,000 (POMRAC)	(PEMSEA)
Targets and indicators for Ecological Quality Objectives for the NOWPAP region	Overview of targets and indicators for Ecological Quality Objectives used in NOWPAP member states (including workshop)	NOWPAP Objectives (i) and (iv) NOWPAP MTS 2012-2017 UNEP PoW 2016-17: MCEB UNEP Regional Seas Programme	Targets and indicators for Ecological Quality Objectives suggested to NOWPAP member states at the IGM in 2017	72,000 (POMRAC)	(OSPAR)

Theme 2. Regular assessments of the state of the marine environment

2016-17 PoW Outputs	Specific activities	Relation to NW Pacific Action Plan and IGM decisions, links to other actions	Performance indicators	Resources (US\$)	
				TF	External
---	No activities suggested for 2016-2017, but three DINRAC and CEARAC activities related to assessment are shown under Theme 4	---	---	0	0

Theme 3. Pollution prevention and reduction (including harmful substances, hazardous waste and marine litter)

2016-17 PoW Outputs	Specific activities	Relation to NW Pacific Action Plan and IGM decisions, links to other actions	Performance indicators	Resources (US\$)	
				TF	External
<p>Strengthened regional co-operation to prepare and to respond to emergencies</p> <p>Increased sharing of relevant information on oil and HNS spill preparedness and response</p>	<p>Update and maintenance of the NOWPAP RCP</p> <p>Activation of the RCP In case of major spill accidents in the region including POLREPs and request and offer assistance</p> <p>Update of the lists of oil and HNS spills and relevant information</p> <p>Update of the latest information on marine pollution response resources including equipment, institutions and experts</p>	<p>NOWPAP Objective (v)</p> <p>NOWPAP MTS 2012-2017</p>	<p>NOWPAP RCP regularly updated</p> <p>The POLREP delivered to the relevant NOWPAP members and the RCP activated upon request, response resources provided to requesting countries</p> <p>Relevant information and material including oil sample are exchanged</p> <p>Database on oil and HNS spills uploaded on MERRAC website</p> <p>Information System on marine pollution preparedness and response uploaded and maintained</p>	<p>0 (MERRAC)</p>	<p>In-kind (cost of response resource from assisting countries)</p>
<p>Improved regional capacity to respond to oil and HNS spills</p>	<p>Organization of communication exercises (4 times)</p> <ul style="list-style-type: none"> - 2016: Russia (1st half), Japan (2nd half) - 2017: Korea (1st half), China (2nd half) <p>Organization of regular table-top and joint oil spill response exercises (by China and Korea in 2016)</p>	<p>NOWPAP Objective (v)</p> <p>NOWPAP MTS 2012-2017</p>	<p>Communication exercises carried out with test of emergency information exchange on oil and HNS incident</p> <p>Table-top and full-scale oil and/or HNS spill exercises carried out by mobilization of multi marine pollution response resources including vessels, equipment and personnel</p>	<p>0 (MERRAC)</p> <p>0 (MERRAC)</p>	<p>In-kind (experts of member states participated)</p> <p>In-kind (China Maritime Safety Administration MSA, 30,000 Korea Coast Guard KCG)</p>

2016-17 PoW Outputs	Specific activities	Relation to NW Pacific Action Plan and IGM decisions, links to other actions	Performance indicators	Resources (US\$)	
				TF	External
Better understanding on technical issues on marine pollution preparedness and response in the region	Organization of expert meeting to discuss technical issues on oil and HNS spill preparedness and response (by Korea in 2017)	NOWPAP Objective (v) NOWPAP MTS 2012-2017	The national policies and technical projects dealing with relevant subjects better understood Future agenda to be discussed at FPM identified	24,000 (MERRAC)	In-kind (50,000 Korea KCG)
Well-organized NOWAPAP MERRAC Focal Points Meeting and Competent National Authorities Meeting	Organization of annual FPM and CNA meeting	NOWPAP Objective (v) NOWPAP MTS 2012-2017	Implementation of the RCP discussed Relevant information on oil and HNS spill preparedness and response in the region exchanged	52,000 (MERRAC)	0
Effective measures for regional cooperation in marine pollution preparedness and response	Implementation of specific projects: 1) Development of MERRAC Information System based on the Web GIS 2) Development of information sharing platform on oil and HNS spills in the NOWPAP region	NOWPAP Objective (v) NOWPAP MTS 2012-2017	Information System on marine pollution preparedness and response based on the Web GIS uploaded on MERRAC website and operational Information and experiences of the NOWPAP Members on oil and HNS spill preparedness and response shared	40,000 (MERRAC)	0

2016-17 PoW Outputs	Specific activities	Relation to NW Pacific Action Plan and IGM decisions, links to other actions	Performance indicators	Resources (US\$)	
				TF	External
<p>Workshop proceedings with best practices of ML management in the region</p> <p>Empowered general public with better understanding of ML problems</p>	<p>Implementation of the NOWPAP RAP MALI work plan for 2016-2017 at the national level</p> <p>Regular local beach cleanup and ICC campaigns, workshops, and other events related to marine litter</p> <p>Updating and maintenance of NOWPAP website (related to ML)</p>	<p>NOWPAP Objective (v)</p> <p>NOWPAP MTS 2012-2017</p> <p>UNEP PoW 2016-17: MCEB</p> <p>GPA</p> <p>UNEA and G7 decisions</p>	<p>Updates on national measures and legislation against ML compiled</p> <p>Increased number of countries demonstrating progress in implementing sound management of ML</p> <p>Increased number of NGOs and citizens participating in beach cleanup campaigns</p> <p>NOWPAP and a number of NGOs joined the Global Partnership on Marine Litter (GPML)</p>	70,000	10,000 (donors)

Theme 4. Biodiversity conservation (including invasive alien species)

2016-17 PoW Outputs	Specific activities	Relation to NW Pacific Action Plan and IGM decisions, links to other actions	Performance indicators	Resources (US\$)	
				TF	External
Information on the endangered species in the NOWPAP region (phase II)	Collecting information on the endangered species in the NOWPAP region (for the extended geographic coverage from phase I) and publishing on the DINRAC website	NOWPAP MTS 2012-2017 UNEP PoW 2016-17, MCEB	Information collected on endangered species in the NOWPAP region is used by experts in the region (number of visitors to DINRAC specific web page)	15,000 (DINRAC)	0
Draft Common Procedure for assessment of the impacts of major pressures on marine biodiversity in the NOWPAP region	Review of National Strategies and goals for biodiversity conservation of member states Selection of draft assessment indicators Development of draft assessment methodology Organization of international workshop on assessment of the impacts of major pressures on marine biodiversity in the Northwest Pacific region	NOWPAP MTS 2012-2017 CBD Strategic Plan 2011-2020 Activities of PICES Working Group on Development of Ecosystem Indicators to Characterize Ecosystem Response to Multiple Stressors, and Working Group on Biodiversity on Biogenic Habitat	Objective of Common Procedure formulated and agreed upon by experts Common assessment indicators developed and agreed upon by experts	30,000 (CEARAC)	Funding for WS (TBD)

2016-17 PoW Outputs	Specific activities	Relation to NW Pacific Action Plan and IGM decisions, links to other actions	Performance indicators	Resources (US\$)	
				TF	External
Feasibility study report towards assessment of seagrass distribution in the NOWPAP region	<p>Development of seagrass database in the NOWPAP region</p> <p>Preparation of inventory of satellite images and estimation of analysis cost</p> <p>Review of literature on threats to seagrass</p> <p>Organization of international workshop on assessment of seagrass distribution in the Northwest Pacific region</p>	<p>NOWPAP MTS 2012-2017</p> <p>Ocean Remote Sensing for Coastal Habitat Mapping (WESTPAC-ORSP)</p>	A feasibility study report published and presented at relevant international meetings and workshops	40,000 (CEARAC)	Funding for WS (TBD)

Theme 5. Climate change impacts

2016-17 PoW Outputs	Specific activities	Relation to NW Pacific Action Plan and IGM decisions, links to other actions	Performance indicators	Resources (US\$)	
				TF	External
Regional overview, based on collected information on climate change impacts on marine and coastal ecosystems in the NOWPAP member states	Collection and analysis of information on climate change impacts on marine and coastal ecosystems in the NOWPAP region	UNEP PoW 2016-17, MCEB	<p>Regional assessment presented at the NOWPAP Intergovernmental Meeting or at the associated workshop for policy-makers</p> <p>Regional assessment for the NOWPAP region published and presented at relevant conferences or workshops</p>	0	30,000 (donors) TBD (UNEP)

Theme 6. Information management

2016-17 PoW Outputs	Specific activities	Relation to NW Pacific Action Plan and IGM decisions, links to other actions	Performance indicators	Resources (US\$)	
				TF	External
Annual summary of marine environmental data in member states	<p>Collection of the marine environmental data for 2014 and 2015</p> <p>Compiling the data by categories, countries and years</p> <p>Posting the data on DINRAC website with free access</p>	<p>NOWPAP Objective (ii)</p> <p>NOWPAP MTS 2012-2017</p> <p>Related activities of PICES, YSLME, COBSEA and WESTPAC</p>	Collected data and number of visitors to specific DINRAC web pages reported to annual FPMs.	16,000 (DINRAC)	10,000 (MEP, China)
Annual update of databases existing on DINRAC website	<p>Supplementing the present data</p> <p>Collecting the latest data for these databases</p> <p>Upgrade of the Information Resources System</p>	<p>NOWPAP Objective (ii)</p> <p>NOWPAP MTS 2012-2017</p> <p>Related activities of PICES, YSLME, COBSEA and WESTPAC</p>	Updated databases and number of visitors to specific DINRAC databases reported to annual FPMs	8,000 (DINRAC)	10,000 (MEP, China)
Development of DINRAC website (Web GIS)	<p>New design of the Website</p> <p>Data transfer to the developed Website</p> <p>Upgrading the base map used in the web GIS system</p> <p>Establishing new thematic layer of invasive species</p>	NOWPAP Objective (ii)	New interface of the Website (with Web GIS)	30,000 (DINRAC)	30,000

2016-17 PoW Outputs	Specific activities	Relation to NW Pacific Action Plan and IGM decisions, links to other actions	Performance indicators	Resources (US\$)	
				TF	External
Compilation on Marine Environmental Standards	<p>Collection of marine environmental standards</p> <p>Compile the data collected</p> <p>Upload the result to the DINRAC Website</p>	<p>NOWPAP Objective (ii)</p> <p>NOWPAP MTS 2012-2017</p> <p>Related activities of PICES, YSLME, COBSEA and WESTPAC</p>	Information collected in the NOWPAP region is used by experts in the region (number of visitors to DINRAC specific web page)	11,000 (DINRAC)	0

Theme 7. Public awareness raising

2016-17 PoW Outputs	Specific activities	Relation to NW Pacific Action Plan and IGM decisions, links to other actions	Performance indicators	Resources (US\$)	
				TF	External
Increased NOWPAP presence, relevance and visibility in the region and beyond	<p>Public awareness strategy, tools and materials (publications, booklets, factsheets, posters, etc.) developed, updated and used in the region and beyond</p> <p>Participation in global, regional and local events to showcase NOWPAP activities.</p>	IGM decisions on better communication, enhanced public awareness and developing partnerships with related organizations, programmes and projects	<p>Number of cases when NOWPAP is introduced at UNEP, GPA, GPML/GPWM and regional partners websites and newsletters: 2014 (baseline) – 16 2017 (target) – 30</p> <p>Increased reference to NOWPAP activities at TEMM, NEASPEC and other intergovernmental meetings as well as at local events such as Global Gathering, Eco-life Action, International Exchange Fair</p>	19,000	0

Theme 8. Regional cooperation (including coordination of RACs, RAC operations, implementation of NOWPAP and partnership building)

2016-17 PoW Outputs	Specific activities	Relation to NW Pacific Action Plan and IGM decisions, links to other actions	Performance indicators	Resources (US\$)	
				TF	External
Well-managed execution of the Action Plan in line with IGM decisions	Implementation of all IGM decisions, including project development and management, partnership building, etc	IGM decisions on RCU responsibility for implementing NOWPAP PoW UNEP PoW 2016-17, MCEB; UNEP Marine and Coastal Strategy	All IGM decisions are implemented Close relations with global and regional partners and with RACs are maintained through regular communication	83,000	0
Efficient work of NOWPAP RACs	Coordination of RAC activities in line with IGM decisions	IGM-16 decision on RCU coordinating role for environmental protection activities among RACs UNEP PoW 2016-17, MCEB; UNEP Marine and Coastal Strategy	All IGM decisions are implemented All RAC projects are being executed on time and with good quality outcomes	16,000	0
Smooth RAC operations and implementation of NOWPAP PoW	Implementation of RAC work plans within approved budget; collaboration among RACs Tracking progress of each RAC activities	IGM-16 decision on RCU coordinating role for environmental protection activities among RACs	All IGM decisions are implemented All RAC projects are being executed on time and with good quality outcomes	70,000 (CEARAC) 60,000 (DINRAC) 24,000 (MERRAC) 43,000 (POMRAC)	200,000 (MOE-J) 10,000 (MEP-C) 350,000 (KCG-K) 20,000 (PGI-R)

Theme 9. Administrative, financial and operational support (including operation of RCU and resource mobilization)

2016-17 PoW Outputs	Specific activities	Relation to NW Pacific Action Plan and IGM decisions, links to other actions	Performance indicators	Resources (US\$)	
				TF	External
Improved alignment between PoW outputs and budget allocations	<p>Quality support to RACs for financial and administrative operations</p> <p>Enhanced level of quality and timeliness in the acquisition of goods and services</p>	IGM decisions on RCU responsibility for implementing NOWPAP PoW	<p>Financial transactions and administrative services provided and recorded in accordance with UNON rules and regulations.</p> <p>Timely processing of cash advance requests and accurate recording of RAC expenditures by RCU and UNEP HQs</p> <p>Procurement of goods and services at lowest cost possible at two RCU offices</p>	78,000	0
Well-organized NOWPAP Intergovernmental Meetings and other meetings	Timely preparations to better support the IGM hosting countries substantively and logistically	IGM decisions on RCU responsibility for implementing NOWPAP PoW	On-time and quality preparation of meeting documents and provision of secretariat services		
Mobilization of external funds	Cultivate/maintain the necessary contacts with potential donors, funding organizations, foundations and partners	IGM decisions on resource mobilization	<p>New project proposals developed</p> <p>Funds for NOWPAP activities mobilized from sources external to the NOWPAP TF</p>	15,000	0