



**Northwest
Pacific
Action Plan**

Distr.: GENERAL

UNEP/NOWPAP/POMRAC/
FPM 17/9

December 2020

Original: English

Northwest Pacific Action Plan
Pollution Monitoring Regional Activity Centre

The Seventeenth NOWPAP POMRAC Focal Points Meeting
2020

Report of the 17th NOWPAP POMRAC Focal Points Meeting

1. The Pollution Monitoring Regional Activity Center (POMRAC) is one of the four Regional Activity Centers (RACs) established to coordinate activities relevant to specific components of the Action Plan for the Protection, Management and Development of the Marine and Coastal Environment of the Northwest Pacific Action Plan (NOWPAP). Initially POMRAC had responsibility to implement activities related to atmospheric deposition of contaminants and river and direct inputs of contaminants.

2. The 10th NOWPAP IGM has approved the new directions for the NOWPAP RACs and RCU. Regarding POMRAC, that IGM confirmed for 2006 and future years the preparation of regional overviews on atmospheric deposition of contaminants and river and direct inputs of contaminants with subsequent preparation of the State of Marine Environment Report in the NOWPAP Region (SOMER). After that, POMRAC was expected to focus on activities related to Integrated Coastal and River Basin Management (ICARM) including land-based sources of pollution. Preparation of SOMER and all activities related to ICARM were implemented in close collaboration with all NOWPAP RACs.

3. The 12th NOWPAP POMRAC FPM (4-5 September 2014, Busan, Republic of Korea) reviewed and discussed major POMRAC activities in accordance with the decisions of the 18th NOWPAP IGM. One of the main POMRAC activities agreed upon was the development of Ecological Quality Objectives (EcoQOs) in the NOWPAP region.

4. The 13th POMRAC FPM back-to-back with the Workshop on EcoQOs (Vladivostok, Russia, 19-20 May 2016) agreed to prepare Regional Overview on possible Ecological Quality Objectives in the NOWPAP region, discussed the format and procedures of work for this and other POMRAC activities in 2016-2017 biennium. The Meeting has adopted the structure and contents of the Regional Overview “Targets and indicators for Ecological Quality Objectives for the NOWPAP region”

5. The 16th POMRAC FPM (Beijing, China, 30-31 October 2019) has considered and adopted the following activities for the 2020-2021 biennium: Development of regional NOWPAP EcoQO targets aligned with SDG indicators, phase 2; draft structure and content of the Third State of Marine Environment Report (SOMER-3); and continuation of activity “Microplastics abundance in river runoff of the NOWPAP region with preparation of the regional overview.

6. The 17th POMRAC FPM was held by email correspondence due to the quarantine restrictions, and after four weeks of consideration all documents were adopted by the Focal Points without holding a general discussion. The documents included three ToRs for 2020-2021 biennium, aimed at Implementation of the SOMER-3 activity, Testing NOWPAP Ecological Quality Objective (EcoQO) Targets, and Preparation of National Reports and Overview on Microplastics abundance in river runoff of the NOWPAP region. The adopted ToRs were suggested as a basis for planned activities in 2020-2021 and are presented below.

.

Terms of Reference (ToR)

**Implementation of the SOMER-3 activity
in 2020-2021 biennium**

Terms of Reference (ToR)

National Expert: Implementation of the SOMER-3 activity in 2020-2021 biennium

(Home-based)

Request for: Consultant Individual contractor

Organizational Unit **_ECOSYSTEMS DIVISION /NOWPAP**

1. Purpose (justification for request)

1.1 Explain the requirement for a consultant / individual (*Box 1(a) of P.104/A*):
(*summary of why consultant is needed*)

The United Nations Environment Programme (UNEP) is the leading environmental authority that sets the global environmental agenda, promotes the coherent implementation of environmental dimension of sustainable development within the United Nations system and serves as an authoritative advocate for the global environment.

The Action Plan for the Protection, Management and Development of the Marine and Coastal Environment of the Northwest Pacific Region (NOWPAP) is one of the Regional Seas Programmes and Action Plans (RSPAPs) of UNEP and was adopted by the four Member States (P.R. China, Japan, R. Korea, and the Russian Federation) in 1994 (<https://www.unenvironment.org/nowpap/>). The overall goal of the NOWPAP is "the wise use, development and management of the coastal and marine environment so as to obtain the utmost long-term benefits for the human populations of the region, while protecting human health, ecological integrity and the region's sustainability for future generations".

There are three major NOWPAP POMRAC activities approved by 24 IGM for 2020-2021 biennium: 1) Development of NOWPAP EcoQO targets aligned (where possible) with SDG indicators, (phase 2); 2) Preparation of the Regional Overview 'Microplastics abundance in river runoff of the NOWPAP region; 3) Preparation of SOMER-3 (phase 1) – The integrated assessment of environmental problems, status and trends related to existing and changing natural and socio-economical conditions in the NOWPAP region

The general objective of SOMER-3 is an integrated assessment of environmental problems, status and trends related to existing and changing natural and socio-economical conditions in the NOWPAP region. The first major goal of the consultancy for this activity is to analyze the existing approaches in this field and to elaborate jointly with other RACs and experts agreed structure and content of SOMER-3. The second goal is to analyze, and to present as a draft chapter the national

approaches to the outlining and management of the environmental problems. The third goal is to prepare draft chapter relevant to the existing and emerging environmental problems in the coastal zone.

1.2 Qualifications / special skills or knowledge *(box 1(a) of P.104/A)*

Education: Advanced university degree in marine-related science with the focus on marine environment, marine pollution, or a related field. First university degree in combination with five additional years of qualifying experience may be accepted in lieu of the advanced degree.

Experience: A minimum of five years of progressively responsible professional work experience in the field of marine environment, marine chemistry, marine pollution, or related marine sciences field, of which some should be at the international level. Familiarity with the UN system and/or NOWPAP would be an advantage.

Language: English and French are the working languages of the United Nations Secretariat. For the post advertised, fluency in oral and written English is required. Knowledge of at least one additional language of the region is desirable (Russian, Chinese, Korean, Japanese).

1.3 Ultimate result of services *(box 1(b) of P.104/A):* *(Describe the final output briefly)*

1.3.1 Agreed structure and content of SOMER-3.

1.3.2 Draft chapter analyzing the current national approach to the outlining and management of the environmental problems in the coastal zone.

1.3.2 Draft chapter relevant to the existing and emerging environmental problems in the coastal zone of the NOWPAP region.

1.4 Legislative authority reference *(box 1(c) of P.104/A): (e.g. GC or GA decision, if applicable)*

Resolution 1: PROGRAMME OF WORK FOR THE 2020-2021 BIENNIUM approved during inter-sessional consultations with the NOWPAP Member States via email.

1.5 Title and identification number of programme / project

NOWPAP PoW 2020-2021: The preparation of SOMER-3 (phase 1)

1.6 Duration

1 October 2020 – 31 March 2021 for agreed structure and content of SOMER-3; 1 April 2021 – 1 October 2021 for draft chapters relevant to the analyzing of national approaches to the outlining and management of existing and emerging environmental problems in the coastal zone.

2. Funding

2.1 Source of Funds Regular Budget Extra-budgetary
(box 4 of P.104/A)

2.1 Allotment Account / Budget Line _
 B21-40PNL-11207-SB-004861.01.04-14AF0001

2.3 Indicative level of remuneration

- *terms of payment (lump-sum, installments, travel included) – box 1(e) of P.104*
- *indicative level of remuneration (e.g. P5) - box 1(e) of P.104/A*
- *any cost of travel and any DSA payable –box 5 of P.104/A*

Level B – 15 working days with daily rate of USD 400.

Payment schedule – upon submission of the agreed milestones (see below).

3. Travel involved – (box 7 of P.104/A)
(Indicate the required travel itinerary, if applicable)

Travel is not necessary for this consultancy. Participation in the regional workshop will be covered separately.

Travel will be organized by Substantive Office Selected candidate

4. Workplan

Under the direct supervision of the NOWPAP Coordinator and Programme Officer and in close cooperation with the NOWPAP POMRAC and other NOWPAP RACs, consultant will be responsible for the following tasks on the preparation of SOMER-3:

Task 1: Participate in the discussion on the structure and content of SOMER-3.

Task 2: Review and analyze the national approaches to the outlining, monitoring and management of the existing environmental problems.

Task 3: Attend the regional workshop for the final discussion and agreement of the structure and content of SOMER-3 and present the results of the analyzes of national approaches.

Task 4: Prepare draft with review of existing and emerging environmental problems in the coastal and marine areas, including transboundary ones.

5. Results/Deliverables and the timeline:

The agreed by correspondence structure and content of SOMER-3 submitted by 31 March 2021.

The draft of chapters relevant to the analyzing of national approaches to the outlining and management of existing and emerging environmental problems in the coastal zone submitted by 30 September 2021.

The response to the comments on the draft of chapters 1 October 2021, where RCU and POMRAC comments are properly addressed (100% payment).

The consultant will work closely with the NOWPAP RCU and POMRAC; they will provide overall coordination of work.

Terms of Reference (ToR)

Testing NOWPAP Ecological Quality Objective (EcoQO) Targets

Terms of Reference (ToR)

Testing NOWPAP Ecological Quality Objective (EcoQO) Targets

(Home-based)

Request for: Consultant Individual contractor

Organizational Unit: ECOSYSTEMS DIVISION / NOWPAP

1. Purpose (justification for request)

1.1 Explain the requirement for a consultant / individual (*Box 1(a) of P.104/A*):
(*summary of why consultant is needed*)

The United Nations Environment Programme (UNEP) is the leading environmental authority that sets the global environmental agenda, promotes the coherent implementation of environmental dimension of sustainable development within the United Nations system and serves as an authoritative advocate for the global environment.

The Action Plan for the Protection, Management and Development of the Marine and Coastal Environment of the Northwest Pacific Region (NOWPAP) is one of the Regional Seas Programmes and Action Plans (RSPAPs) of UNEP and was adopted by the four Member States (P.R. China, Japan, R. Korea, and the Russian Federation) in 1994 (<https://www.unenvironment.org/nowpap/>). The overall goal of the NOWPAP is "the wise use, development and management of the coastal and marine environment so as to obtain the utmost long-term benefits for the human populations of the region, while protecting human health, ecological integrity and the region's sustainability for future generations".

The major focus of the NOWPAP Medium-Term Strategy (MTS) 2018-2023 adopted in June 2018 is on the coordination of the regional implementation of the ocean-related Sustainable Development Goals (SDGs), particularly SDG 14 "Life Below Water" using the NOWPAP inter-governmental mechanism. NOWPAP will play this leading role, by focusing on the three pillars: (i) an Ecosystem-Based Management Approach (EBMA) to sustainable development of marine and coastal areas to achieve the Ecological Quality Objectives (EcoQOs)¹; (ii) monitoring and reporting on progress towards SDG 14 and its targets, and (iii) strengthening partnerships with relevant global and regional institutions. In 2019, experts from NOWPAP Member States have agreed on the four EcoQO targets related to 1) nutrients concentration in the water column; 2) *Chlorophyll a* concentration in the water column; 3) concentration of contaminants in water and sediments; and 4) trends in the amount and composition of litter washed ashore. In 2020-2021, experts will have to do the practical testing of these agreed targets in their respective "designated areas" taking into account relevant national laws and legislation, recent developments in

¹ NOWPAP EcoQOs include: (i) Biological and habitat diversity are not changed significantly due to anthropogenic pressure; (ii) Alien species are at levels that do not adversely alter the ecosystems; (iii) Eutrophication adverse effects are absent; (iv) Contaminants cause no significant impact on coastal and marine ecosystems and human health; (v) Marine litter does not adversely affect coastal and marine environments.

other RSPAPs, and progress in setting SDG 14 indicators and targets. The results will be summarized in the four National Reports (one from each NOWPAP Member State).

The overall objective of the consultancy is to review and then compile four National Reports into a regional synthesis report. The consultant will work with the NOWPAP Regional Coordinating Unit (RCU) and NOWPAP Pollution Monitoring Regional Activity Center (POMRAC), which is leading the work on EcoQOs indicators and targets within the NOWPAP.

1.2 Qualifications / special skills or knowledge *(box 1(a) of P.104/A)*

Education: Advanced university degree (PhD preferred) in marine-related science with the focus on marine environment, marine pollution, or a related field. First university degree in combination with five additional years of qualifying experience may be accepted in lieu of the advanced degree.

Experience: A minimum of ten years of progressively responsible professional work experience in the field of marine environment, marine chemistry, marine pollution, or related marine sciences field, of which some should be at the international level. Familiarity with the UN system and/or NOWPAP would be an advantage.

Language: English and French are the working languages of the United Nations Secretariat. For the post advertised, fluency in oral and written English is required.

1.3 Ultimate result of services *(box 1(b) of P.104/A):* *(Describe the final output briefly)*

A regional synthesis report, summarizing findings of the four National Reports on testing of EcoQO targets accepted by the NOWPAP RCU and POMRAC.

1.4 Legislative authority reference *(box 1(c) of P.104/A): (e.g. GC or GA decision, if applicable)*

Resolution 1: PROGRAMME OF WORK FOR THE 2020-2021 BIENNIUM approved during inter-sessional consultations with the NOWPAP Member States via email.

1.5 Title and identification number of programme / project

NOWPAP PoW 2020-2021: The development of regional EcoQO targets aligned (where possible) with SDG indicators, phase 2.

1.6 Duration

1 November 2020 – 30 April 2021

2. Funding

2.1 Source of Funds Regular Budget Extra-budgetary

(box 4 of P.104/A)

2.1 Allotment Account / Budget Line
B21-40PNL-11207-SB-004861.01.04-14AF0001

2.3 Indicative level of remuneration

- *terms of payment (lump-sum, installments, travel included) – box 1(e) of P.104*
- *indicative level of remuneration (e.g. P5) - box 1(e) of P.104/A*
- *any cost of travel and any DSA payable –box 5 of P.104/A*

Level B – 10 working days with daily rate of USD 400 for national experts
Level B – 10 working days with daily rate of USD 500 for international consultant.

Payment schedule – upon submission of the agreed milestones (see below).

3. Travel involved – (box 7 of P.104/A) (Indicate the required travel itinerary, if applicable)

Travel is not necessary for this consultancy. Participation in the regional workshop will be covered separately.

Travel will be organized by Substantive Office Selected candidate

4. Workplan

Under the direct supervision of the NOWPAP Coordinator and Programme Officer and in close cooperation with the NOWPAP POMRAC, consultant will be responsible for the following tasks:

- Task 1: Analyse the “baseline values” for the designated areas where the four EcoQO targets will be tested to be submitted by four national experts. Provide comments, if necessary, through the RCU and POMRAC.
- Task 2: Review the four National Reports to be submitted by national experts where relevant monitoring data (nutrients, Chlorophyll a, contaminants, marine litter) during the last 5 years should be compared with the suggested EcoQO targets, taking into consideration relevant national standards. Provide comments through the RCU and POMRAC.
- Task 3: Attend the regional workshop where the results of EcoQO targets testing within the designated areas will be presented by national experts.
- Task 4: Make suggestions on possible adjustments (if needed) in EcoQO targets agreed upon in 2019.
- Task 5 (for the international consultant, only): Summarize the findings of the four National Reports in the form of regional synthesis report, while taking into account recent progress in leading RSPAPs (HELCOM, MAP, OSPAR, etc.), relevant projects and programmes (e.g. YSLME-2), UNEP- and IOC-led working groups on SDG 14 indicators (Chlorophyll a, nutrients, marine litter, etc.). Submit the regional synthesis report to the NOWPAP RCU and POMRAC for comments.

Results/Deliverables and the timeline:

Comments on the baseline values to be submitted by national experts – within two weeks of each submission.

The first draft of the regional synthesis report – within two months upon submission of the last national report.

Finalization of the draft report (where RCU and POMRAC comments should be properly addressed) - within two weeks of receiving comments (100% payment).

The experts and consultant will work closely with the NOWPAP RCU and POMRAC; they will provide overall coordination of work.

Terms of Reference (ToR)

**Preparation of National Reports and Overview on Microplastics
abundance in river runoff of the NOWPAP region**

Terms of Reference (ToR)

**Preparation of National Reports and Overview on Microplastics
abundance in river runoff of the NOWPAP region**

(Home-based)Request for: Consultant Individual contractor **Organizational Unit** ECOSYSTEMS DIVISION /NOWPAP**1. Purpose (justification for request)**

1.1 Explain the requirement for a consultant / individual (*Box 1(a) of P.104/A*):
(summary of why consultant is needed)

The United Nations Environment Programme (UNEP) is the leading environmental authority that sets the global environmental agenda, promotes the coherent implementation of environmental dimension of sustainable development within the United Nations system and serves as an authoritative advocate for the global environment.

The Action Plan for the Protection, Management and Development of the Marine and Coastal Environment of the Northwest Pacific Region (NOWPAP) is one of the Regional Seas Programmes and Action Plans (RSPAPs) of UNEP and was adopted by the four Member States (P.R. China, Japan, R. Korea, and the Russian Federation) in 1994 (<https://www.unenvironment.org/nowpap/>). The overall goal of the NOWPAP is "the wise use, development and management of the coastal and marine environment so as to obtain the utmost long-term benefits for the human populations of the region, while protecting human health, ecological integrity and the region's sustainability for future generations".

The major focus of the NOWPAP Medium-Term Strategy (MTS) 2018-2023 adopted in June 2018 is on the coordination of the regional implementation of the ocean-related Sustainable Development Goals (SDGs), particularly SDG 14 "Life Below Water" using the NOWPAP inter-governmental mechanism. NOWPAP will play this leading role, by focusing on the three pillars: (i) an Ecosystem-Based Management Approach (EBMA) to sustainable development of marine and coastal areas to achieve the Ecological Quality Objectives (EQOs)²; (ii) monitoring and reporting on progress towards SDG 14 and its targets, and (iii) strengthening partnerships with relevant global and regional institutions.

Focusing on target SDG 14.1, NOWPAP will strengthen implementation of its two Regional Action Plans – the Regional Oil and HNS Spill Contingency Plan and the Regional Action on Marine Litter, increasingly focusing on microplastics. NOWPAP is expected to strengthen efforts assessing microplastics pollution and its impacts through assessments, methodology development and capacity building.

To promote better understanding of impact of land-based sources on plastic pollution of the regional marine environment, The activity 'Microplastics abundance in river runoff of the NOWPAP region' is launched under NOWPAP POMRAC WG2 – River and Direct inputs of contaminants into the marine environment of the NOWPAP region. The activity

² NOWPAP EQOs include: (i) Biological and habitat diversity are not changed significantly due to anthropogenic pressure; (ii) Alien species are at levels that do not adversely alter the ecosystems; (iii) Eutrophication adverse effects are absent; (iv) Contaminants cause no significant impact on coastal and marine ecosystems and human health; (v) Marine litter does not adversely affect coastal and marine environments.

suggests collection of primary information from all member countries of NOWPAP describing current data availability on microplastic contamination in rivers, methodologies for microplastic contamination assessment in freshwater environment and importance of these assessment measures.

The overall objective of the activity is to prepare national reports on microplastic contamination in rivers of the NOWPAP region by the nominated experts, and to compile these reports to the regional overview by consultant. The experts and consultant will work with the NOWPAP Regional Coordinating Unit (RCU) and NOWPAP Pollution Monitoring Regional Activity Center (POMRAC).

In total, four national experts will be needed to prepare four national reports (one for each NOWPAP Member State) and then one more consultant to summarize the findings of four national experts.

1.2 Qualifications / special skills or knowledge *(box 1(a) of P.104/A)*

Education: Advanced university degree (PhD preferred) in marine-related science with the focus on marine environment, marine pollution, or a related field. First university degree in combination with five additional years of qualifying experience may be accepted in lieu of the advanced degree.

Experience: A minimum of five years of progressively responsible professional work experience in the field of marine environment, marine chemistry, marine pollution, or related marine sciences field, of which some should be at the international level. Familiarity with the UN system and/or NOWPAP would be an advantage.

Language: English and French are the working languages of the United Nations Secretariat. For the post advertised, fluency in oral and written English is required. Knowledge of at least one additional language of the region is desirable (Russian, Chinese, Korean, Japanese).

1.3 Ultimate result of services *(box 1(b) of P.104/A):* *(Describe the final output briefly)*

A National Report on Microplastics abundance in river runoff of the NOWPAP region.

1.4 Legislative authority reference *(box 1(c) of P.104/A): (e.g. GC or GA decision, if applicable)*

Resolution 1: PROGRAMME OF WORK FOR THE 2020-2021 BIENNIUM approved during inter-sessional consultations with the NOWPAP Member States via email.

1.5 Title and identification number of programme / project

NOWPAP PoW 2020-2021: Preparation of the National Reports and their overview on the river runoff of microplastics to the coastal zone of the NOWPAP region

1.6 Duration

1 November 2020 – 15 October 2021

2. Funding

2.1 Source of Funds Regular Budget Extra-budgetary
(box 4 of P.104/A)

2.1 Allotment Account / Budget Line _
 B21-40PNL-11207-SB-004861.01.01-14AF0001 - TBC

2.3 Indicative level of remuneration

- *terms of payment (lump-sum, installments, travel included) – box 1(e) of P.104*
- *indicative level of remuneration (e.g. P5) - box 1(e) of P.104/A*
- *any cost of travel and any DSA payable – box 5 of P.104/A*

Level B – 10 working days with daily rate of USD 400 for the national experts.

Level B – 10 working days with daily rate of USD 500 for the consultant.

Payment schedule – upon submission of the agreed milestones (see below).

3. Travel involved – *(box 7 of P.104/A)* *(Indicate the required travel itinerary, if applicable)*

Travel is not necessary for this activity. Participation in the regional workshop will be covered separately.

Travel will be organized by Substantive Office Selected candidate

4. Workplan

Under the direct supervision of the NOWPAP Coordinator and Programme Officer and in close cooperation with the NOWPAP POMRAC, experts and consultant will be responsible for the following tasks:

Task 1: Collect data on social and economic aspects relevant to land-based plastic and microplastic pollution during recent years in the NOWPAP region.

Task 2: Describe national monitoring and assessment activities (National monitoring program(s) and other initiatives) related to river and inland microplastic contamination with a brief overview of related national policies and laws.

Task 3: Summarize all available data on **microplastic contamination in the rivers of** the NOWPAP area, including development of sampling and analytic methodologies, collected information on amounts and characteristic features of

contaminants registered in their rivers, and possible impacts of the contamination on the coastal marine environment affected by the surveyed river basins.

Task 4: Attend the regional workshop for the discussion of the Draft Report.

Task 5: Compile the results of Tasks 1-3 in the National Report and submit to the NOWPAP RCU and POMRAC for comments.

Task 6 (for the international consultant): Summarize the findings of the four National Reports in the form of regional overview report, while taking into account recent progress in leading RSPAPs (HELCOM, MAP, OSPAR, etc.), relevant projects and programmes (e.g. YSLME-2), UNEP- and IOC-led working groups). Submit the regional overview to the NOWPAP RCU and POMRAC for comments.

Results/Deliverables and the timeline:

The first draft of National Reports prepared and submitted by 31 March 2021 (50% payment);

The response to the comments on the draft of National Report prepared and finalization of the draft by 31 July 2021, where RCU and POMRAC comments are properly addressed (50% payment).

The first draft of the regional overview prepared within two months upon submission of the last national report.

Finalization of the draft report (where RCU and POMRAC comments should be properly addressed) - within two weeks of receiving comments (100% payment).

The experts and consultant will work closely with the NOWPAP RCU and POMRAC; they will provide overall coordination of work.

Workplan and Budget for POMRAC in 2020-2021 biennium

1. Introduction

The overall goal of POMRAC is the coordination of activities and establishment of regional cooperation in monitoring of marine and coastal environment of the Northwest Pacific region within the UNEP NOWPAP framework. Following the results of discussions at the First NOWPAP/3 Coordinating Committee Meeting (Beijing, 21-22 May 2001), the 7th Intergovernmental Meeting (Vladivostok, 20-22 March 2002) shared the responsibilities and activities between CEARAC and POMRAC as presented in document UNEP/NOWPAP IG.7/8. POMRAC is fully responsible for two working groups: WG 1 - Atmospheric Deposition of contaminants into the marine and coastal environment; and WG 2 – River and Direct Inputs of contaminants into the marine and coastal environment.

From 2007, POMRAC has started practical implementation of activities related to integrated coastal area planning and integrated coastal area management. These activities were implemented in close collaboration with all NOWPAP RACs and with the UNEP/GPA and under coordination of RCU.

In 2017 22nd NOWPAP IGM adopted NOWPAP Medium-term Strategy, 2018-2023.

The MTS 2018-2023 Vision is: a resilient Northwest Pacific marine and coastal environment , supporting sustainable development for the long-term benefit of present and future generations.

NOWPAP strategic focus and priority areas for the period of 2018-2023 are as follows:

1. Support integrated coastal and river basin management;
2. Assess status of the marine and coastal environment;
3. Prevent and reduce land- and sea-based pollution;
4. Conserve marine and coastal biodiversity.

POMRAC will work first of all in framework of 1 and 2 priority areas NOWPAP MTS. Outcomes/ Expected Accomplishments on 2020-2021 for priority area “a” are as follows:

- Adoption of indicators for Ecological Quality Objectives (EcoQOs) (POMRAC supported by all other RACs on specific indicators)
- “Good environmental status” of the NOWPAP is defined and provides a baseline and direction for member states action;

Outcomes/ Expected Accomplishments on 2020-2021 for priority area “b” are as follows:

- NOWPAP member states are provided with integrated periodic assessments of state of marine and coastal environment and 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;

- NOWPAP member states, through the NOWPAP Data and Knowledge Management 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;
- 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.

POMRAC Workplan and Budget for 2020 - 2021 Biennium

Taking into account the abovementioned responsibilities and activities, POMRAC in 2020-2021 should focus on the following issues:

- Joint Activity for WG1, WG2 and ICARM WG in the cooperation with RACs, RCU and relevant organizations (OSPAR, PEMSEA, PICES, WESTPAC, YSLME and others): “Development of NOWPAP EcoQO targets aligned (where possible) with SDG indicators, phase 2” and a joint regional POMRAC-CEARAC workshop (Priority area of MTS a and b)
- Activity for WG2 “Microplastics abundance in river runoff and coastal waters of the NOWPAP region with a case study in the Russian coastal waters”. (Priority area of MTS b)
- Joint Activity for WG1, WG2 and ICARM WG with cooperation with RACs: the preparation of SOMER-3 – The integrated assessment of environmental problems, status and trends related to existing and changing natural and socio-economical conditions in the NOWPAP region with Workshop in the second half 2020 for the final discussion and approval of SOMER-3 contents and structure (Priority area of MTS a)

The following POMRAC activities are suggested for the 2020-2021 biennium:

- To organize the 17th and 18th Focal Points Meetings;
- Development of NOWPAP EcoQO targets aligned (where possible) with SDG indicators, phase 2”);
- To organize Regional Workshop “Development of NOWPAP EcoQO targets aligned (where possible) with SDG indicators, phase 2)” (in cooperation with RCU, RACs and other relevant organizations);
- To organize Regional Workshop in 2020 for the final discussion and approval of SOMER-3 contents and structure (in cooperation with RCU, RACs and other relevant organizations);
- Preparation of SOMER-3: The integrated assessment of environmental problems, status and trends related to existing and changing natural and socio-economical conditions in the NOWPAP region
- Development of Regional Report: “Microplastics abundance in river runoff and coastal waters of the NOWPAP region”

The budget for these activities has been discussed and adopted at the 16th POMRAC FPM in Beijing in October 2019, and approved by National Focal Points by correspondence in April 2020.

Table 1. Budget 2020-2021 from Trust fund of NOWPAP

Budget USD	
Results/Outputs	Total Cost
Activity 1 • Development of NOWPAP EcoQO targets aligned (where possible) with SDG indicators, phase 2”;	
Preparation national inputs for RO	16,000
Compilation of National Inputs and preparation of draft regional synthesis report	5,000
Finalizing and printing of the National Development of NOWPAP EcoQO targets aligned (where possible) with SDG indicators, phase 2”;	2,000
Report of the regional workshop “Development of NOWPAP EcoQO targets aligned (where possible) with SDG indicators, phase 2”;	18,000
Sub-total	41,000
Activity 2 – The preparation of SOMER-3 (phase 1) – The integrated assessment of environmental problems, status and trends related to existing and changing natural and socio-economical conditions in the NOWPAP region	
Workshop on SOMER-3 structure	18,000
Preparation Draft of SOMER-3 (phase 1) – The integrated assessment of environmental problems, status and trends related to existing and changing natural and socio-economical conditions in the NOWPAP region	30,000
Finalizing and printing of SOMER 3 in 2022 (phase 2)	
Sub-total	48,000
Activity 3 - Prepare the Regional Overview ‘Microplastics abundance in river runoff and coastal waters of the NOWPAP region’ for the biennium of 2020-2021	
Preparation of and draft RO and finalization National Inputs on the river runoff of microplastics to the marine and coastal environment of the NOWPAP region	21,000
Seasonal survey of microplastic runoff with river NOWPAP region RF include Amur/Heilong	13,000
Finalization and publication of the regional Overview	4,000
Sub-total	38,000
Activity 4 - Strengthen regional capacity on pollution monitoring through knowledge and information sharing and capacity building	
to organize the 17th and 18th Focal Points Meeting	36,000
Preparation of meeting reports	6,000
Communication expenses	5,000
Inputs to NOWPAP RAC activities and technical reports, contributions to national, regional and global meetings and processes	9,000
Sub-total	56,000
Activity 5 - Update, maintain and enrich POMRAC website	
New design of the website	1,000
Maintenance and regular updates of the website	1,000
Sub-total	2,000
Total	185,000

Since, according to features of Russian legislation and UNEP rules, the payments to the national experts and international consultants will be carried out through a contracts, the funds for these payments have been transferred to the RCU, and a budget has been re-allocated for the expenses by POMRAC directly in accordance with SSFA/2020/3044 (Table 2).

Table 2. POMRAC Budget 2020-2021 from Trust fund of NOWPAP according to SSFA

Budget	
Results/Outputs	Total Cost
Activity 1 – Development of NOWPAP EcoQO targets aligned (where possible) with SDG indicators, phase 2)	
Staff and Other Personnel Costs (Preparation national inputs for RO; Compilation of National Inputs and preparation of draft regional synthesis report; Report of the regional workshop “Development of NOWPAP EcoQO targets aligned (where possible) with SDG indicators, phase 2)”)	18,000
Supplies Commodities and Materials (Finalizing and printing of the National Development of NOWPAP EcoQO targets aligned (where possible) with SDG indicators, phase 2)”;	2,000
Sub-total	20,000
Activity 2 – Preparation of SOMER-3 (phase 1)– The integrated assessment of environmental problems, status and trends related to existing and changing natural and socio-economic conditions in the NOWPAP region	
Staff and Other Personnel Costs (Workshop on SOMER-3 structure; Preparation Draft of SOMER-3 (phase 1)– The integrated assessment of environmental problems, status and trends related to existing and changing natural and socio-economic conditions in the NOWPAP region)	16,000
Supplies Commodities and Materials (Finalizing and printing of SOMER 3 in 2022 (phase 2)	2,000
Sub-total	18,000
Activity 3 – Preparation of the Regional Overview ‘Microplastics abundance in river runoff and coastal waters of the NOWPAP region’ for the biennium of 2020-2021	
Staff and Other Personnel Costs (Preparation of and draft RO and finalization National Inputs on the river runoff of microplastics to the marine and coastal environment of the NOWPAP region; Seasonal survey of microplastic runoff with river NOWPAP region RF include Amur/Heilong)	13,000
Supplies Commodities and Materials (Finalization and publication of the regional Overview)	4,000
Sub-total	17,000
Activity 4 - Strengthen regional capacity on pollution monitoring through knowledge and information sharing and capacity building	
Staff and Other Personnel Costs (Preparation of meeting reports of the 17th and 18th Focal Points Meetings)	51,000
Operating and Other Direct Costs (Communication expenses)	5,000
Sub-total	56,000
Activity 5 - Update, maintain and enrich the POMRAC website.	

Staff and Other Personnel Costs (A new design of the website; Maintenance and regular updates of the website)	2,000
Sub-total	2,000
Total	113,000