

## **Annex XIII**

### **Workplan and Budget for CEARAC in 2006 and 2007 Biennium**

#### 1. Introduction

1.1 The 9<sup>th</sup> Intergovernmental Meeting (IGM) (Busan, the Republic of Korea, 2-4 November 2004) agreed on the workplan and budget of entire NOWPAP for the 2004 and 2005 biennium including the budget of US\$150,000 for the CEARAC activities (UNEP/NOWPAP/IG.9/5/1).

1.2 Following the workplan and budget for CEARAC 2004 and 2005, CEARAC has implemented the specific activities together with the four NOWPAP Members including CEARAC Focal Points and experts of NOWPAP Working Group 3 (WG3) and Working Group 4 (WG4). In order to carry out the designated projects and activities, a total amount of US\$150,000 has been spent in 2004 and 2005.

1.3 The detailed expenditures for the 2004 and 2005 biennium are reported in agenda item 5 (UNEP/NOWPAP/CEARAC/FPM 3/4).

1.4 Upon the ending of the 2004 and 2005 biennium, the 3<sup>rd</sup> CEARAC FPM is kindly requested to review and approve a proposal for the activities and budget of CEARAC for the next biennium 2006 and 2007.

2. Proposed Activities for the 2006 and 2007 Biennium

**Workplan and Budget for CEARAC for 2006 and 2007**

table 1

<b>Activity</b>	<b>Planned date</b>	<b>Responsibility</b>	<b>Remarks</b>	<b>Planned Budget US\$</b>
<b>Organization of CEARAC 4<sup>th</sup> Focal Points Meeting</b>	<b>March 2006</b>	<b>CEARAC with assistance of RCU, UNEP</b>	<b>Toyama, Japan</b>	<b>23,000</b>
<b>Publication of CEARAC Newsletter</b>	<b>Summer 2006</b>	<b>CEARAC</b>		<b>2,000</b>
<b>Organization of 3<sup>rd</sup> Joint Meeting of WG3 (HAB) and WG4 (RS) *1</b>	<b>Summer 2006</b>	<b>CEARAC with assistance of RCU, UNEP</b>	<b>Busan, Korea</b>	<b>30,000</b>
<b>Intersessional work</b>	<b>Through-out 2006</b>	<b>CEARAC in cooperation with UNEP and relevant regional organizations</b>		<b>3,000</b>
<b>Organization of CEARAC 5<sup>th</sup> Focal Points Meeting</b>	<b>September 2007</b>	<b>CEARAC with assistance of RCU, UNEP</b>	<b>Toyama, Japan</b>	<b>23,000</b>
<b>Publication of CEARAC Newsletter</b>	<b>Summer 2007</b>	<b>CEARAC</b>		<b>2,000</b>
<b>Specific project ( tentative) WG3(HAB) - Booklet of Case Studies of Mitigation of Red Tides WG4(RS) - guideline - training</b>	<b>Through-out 2006 and 2007</b>	<b>CEARAC with assistance of consultant(s)</b>		<b>56,000</b>
<b>Others *2</b>				
<b>Intersessional work</b>	<b>Through-out 2007</b>	<b>CEARAC in cooperation with UNEP and relevant regional organizations</b>		<b>3,000</b>
<b>Cooperation, coordination of CEARAC activities</b>	<b>Through-out 2006 and 2007</b>	<b>CEARAC in cooperation with UNEP and relevant regional organizations</b>		<b>8,000</b>
<b>TOTAL</b>				<b>150,000</b>

Note: \*1: The 3<sup>rd</sup> Joint Meeting of WG3 (HAB) and WG4 (RS) is planning to be held back to back with the workshop sponsored by Northwest Pacific Region Environmental Cooperation Center (NPEC).

\*2: Others (pending approval by the 10<sup>th</sup> NOWPAP IGM and availability of funds) include Marine Litter, Assessment and Management of Land-Based Activities, State of Marine Environment Report and so on.

## 2.1 Organization of the 4<sup>th</sup> and 5<sup>th</sup> CEARAC Focal Points Meeting

The Fourth and Fifth CEARAC Focal Points Meeting will be held in Toyama, Japan in March 2006 and September 2007 respectively in order to carry out its designate goals and purposes, which are described in the Terms of Reference (TOR) for the CEARAC Focal Points Meeting.

The Fourth CEARAC Focal Points Meeting will discuss the finalized budget of CEARAC for 2006 and 2007 after the 10<sup>th</sup> IGM and review the progress in implementation of the activity including the intersessional activity of NOWPAP WG3(HAB) and WG4 (RS).

The Fifth CEARAC Focal Points Meeting will also review and approve the progress in implementation of the workplan and budget for 2006 and 2007. Other matters related to the special monitoring and coastal environmental assessment may be discussed on recommendation from the CEARAC Focal Points. During the meeting, the frame workplan for CEARAC for 2008 and 2009 will be expected to be presented by the CEARAC secretariat.

Budget: US\$46,000 (US\$23,000 @year)

## 2.2 Publication of the CEARAC Newsletter

The third and fourth issue of the CEARAC Newsletter will be published in summer 2006 and 2007 respectively, 500 copies each time, and will be distributed to people who are concerned with CEARAC activities and with special monitoring and coastal environmental assessment.

Budget: US\$4,000 (US\$2,000 @year)

## 2.3 Organization of the 3<sup>rd</sup> WG3 (HAB) and WG4(RS) meetings

The Third NOWPAP WG3 (HAB) and WG4 (RS) meetings will be planned to be held simultaneously in Busan, the Republic of Korea, in summer 2006. The experts of both WGs requested a joint meeting to exchange information each other because the both activities of WG3 (HAB) and WG4 (RS) are closely related.

The meeting will review the outcome of the intersessional works, such as the development of the database on HAB and RS, and the Integrated Reports. Furthermore, the meeting will discuss the detailed workplan for 2006 and 2007.

Budget: US\$30,000

#### 2.4 Intersessional work for 2006 and 2007

CEARAC will continue to work for implementing activities designated by the NOWPAP WG3 (HAB) and WG4(RS) meetings in cooperation with CAERAC Focal Points, experts and related regional and international organizations. Especially CAERAC will emphasize the development of the booklet of HAB mitigation measures as the intersessional work of WG3 (HAB), and the development of a guideline and training course on remote sensing in the NOWPAP Region as the intersessional work of WG4 (RS).

Budget: US\$56,000

##### 2.4.1 Booklet of Case Studies of Mitigation of Red Tides

WG3 (HAB) will collect information on case studies of policies, measures, and techniques to mitigate red tide and make booklet based on the collected information in order to promote mitigation activities against red tides. CEARAC will ask WG3 (HAB) experts of each country to collect information on case studies in each country by allocating funds and hire a consultant to make a booklet on the basis of the information from the experts.

Budget: US\$26,000 (US\$14,000 in 2006)  
(US\$12,000 in 2007)

##### 2.4.2 RS guideline and training

A draft guideline for monitoring of eutrophication in coastal area using satellite data is under development by NPEC, CEARAC proposes WG4 (RS) members to further develop the guideline for eutrophication monitoring to fit in the situation of each county. With utilizing the guideline, a training program on remote sensing data processing and analysis and its application to study marine and coastal environment monitoring will be prepared by CEARAC.

Budget: US\$30,000 (US\$15,000 @ year)

#### 2.5 Cooperation, coordination of CEARAC activities throughout 2006 and 2007

CEARAC will keep close contact with NOWPAP RCU, other NOWPAP RACs, UNEP and relevant regional and international organizations such as IOC-WESTPAC in

order to promote the development of Regional Seas Programme and implementation and development of NOWPAP.

Budget: US\$8,000 throughout 2006 and 2007

3. Additional Workplan (1)

CEARAC is ready to support MALITA, on the condition if this activity is approved by the 10<sup>th</sup> IGM upon NOWPAP RCU's request and designated CEARAC as one of the implementing body of this activity. NPEC can also provide some amount of in-kind contribution to this activity. If some parts of the activity are allocated to CEARAC, it is necessary to allocate at least the following amount of budget to implement the activity as the CEARAC additional intersessional work.

Budget: US\$48,000 throughout 2006 and 2007

3.1 Organization of the Working Group of Marine Litter (2006)

The meeting will discuss the Terms of Reference of meeting and finalize the plan of the intersessional works designated to Working Group of Marine Litter (WG ML), such as the preparation of the document "Marine Litter in the NOWPAP Region", sectoral guidelines, and monitoring programme. This meeting will be held in conjunction with "the Second International Workshop on Marine Litter in the Northwest Pacific Region" sponsored by Ministry of the Environment of Japan and NPEC.

US\$6,000 (printing meeting reports, etc.)

3.2 Intersessional work for marine litter in 2006 and 2007

CEARAC will continue to work for implementing activities designated by the NOWPAP WG ML in cooperation with CAERAC Focal Points, experts and related regional and international organizations. For intersessional work for marine litter in 2006 and 2007 with additional fund from RCU, CEARAC is planning the following activities; preparation of a document "the Marine Litter in the NOWPAP Region"; preparation of brochures for marine litter for the NOWPAP Region; preparation of sectoral guidelines for management policies of marine litter for NOWPAP Members; and development of regional monitoring programmes. The details of those activities are explained in the sections below.

US\$42,000

3.2.1 Preparation of a document “the Marine Litter in the NOWPAP Region” (2006)

In order to collect and review the existing information relevant to marine litter in each NOWPAP member country, CEARAC will prepare the document “Marine Litter in the NOWPAP Region” with consultants in each member country.

FPs of ML will send a report or information about marine litter of their own countries to CEARAC for the document. The result of the 1<sup>st</sup> International Workshop on Marine Litter in the Northwest Pacific Region (November, 2005) will be also responded to the document.

CAEARC emphasizes that the information about marine litter on the document will become a part of the State of Marine Environment Report in the NOWPAP Region.

US\$12,000 (4@US\$2,000+ print US\$4,000)

3.2.2 Preparation of brochures for marine litter for the NOWPAP Region (2007)

For the purpose of promoting public awareness on the reduction of marine litter, CEARAC will prepare brochures of Marine Litter in the four NOWPAP languages and English. The brochure will be made based on the document “the Marine Litter in the NOWPAP Region” issued by NOWPAP (or CEARAC) in 2006 and on the brochure of “Research on Washed-up Driftage on the Coasts of the Northwest Pacific Region” issued by NPEC.

US\$10,000 (5@US\$2,000)

3.2.3 Preparation of sectoral guidelines for management policies of marine litter for NOWPAP Members (2007)

CEARAC will prepare the sectoral guidelines for the management of marine litter in the various sectors with the cooperation of the other RACs and experts as an element of the Regional Action Plan (RAP) for the Marine Litter Management in the NOWPAP Region. This idea was derived from a research result conducted by NPEC in 2005, which revealed that there are no coherent management programmes of marine litter in all the NOWPAP Members.

US\$10,000

3.2.4 Application of regional monitoring programme(2007)

In order to detect and determine the amounts, distribution patterns, effects and trends of marine litter and to identify marine litter hot spots in the NOWPAP region, it is necessary to develop the regional monitoring programme. NPEC has been conducting

the research on buried objects and washed-up driftage on the coasts along the Northwest Pacific Region since 1996, and established a standardized monitoring procedure on 52 coasts with 25 local governments in China, Japan, Korea, and Russia.

CEARAC will be able to introduce the scheme of the monitoring to the NOWPAP Members.

US\$10,000

4. Additional Workplan(2)

If some of the parts of “the State of the Marine Report of the NOWPAP Region” which will be edited by POMRAC are designated to CEARAC, CEARAC is willing to participate in this activity with the budget transferred from POMRAC.

**Additional Workplan(1 and 2) and Budget for CEARAC for 2006-2007**

<b>Activity</b>	<b>Planned date</b>	<b>Responsibility</b>	<b>Remarks</b>	<b>Planned Budget US\$</b>
<b>Organization of Working Group of ML</b>	<b>Autumn 2006</b>	<b>CEARAC in cooperation with Ministry of Environment of Japan</b>	<b>Toyama, Japan</b>	<b>6,000</b>
<b>Preparation of a document "Marine Litter in The NOWPAP Region"</b>	<b>Through-out 2006</b>	<b>CEARAC with assistance of consultant(s)</b>	<b>4@2,000 print 4,000</b>	<b>12,000</b>
<b>Publication of brochures for ML in the NOWPAP Region</b>	<b>Through-out 2007</b>	<b>CEARAC</b>	<b>5@2,000</b>	<b>10,000</b>
<b>Preparation of sectoral guideline for management policies of ML for NOWPAP Members</b>	<b>Through-out 2007</b>	<b>CEARAC with assistance of consultant(s)</b>		<b>10,000</b>
<b>Application of a regional monitoring programme</b>	<b>Through-out 2007</b>	<b>CEARAC with assistance of NPEC and consultant(s)</b>		<b>10,000</b>
<b>State of Marine Environment Report in the NOWPAP Region</b>	<b>Through-out 2006</b>	<b>POMRAC and in cooperation with other RAC</b>		
<b>TOTAL</b>				<b>48,000</b>