

1. Background

In the 2008-2009 biennium, NOWPAP continues activities on marine litter to tackle the marine litter problem in the Northwest Pacific region based on the NOWPAP Regional Action Plan on Marine Litter (RAP MALI). CEARAC will implement marine litter activities based on the RAP MALI and contribute to solve the marine litter problem in this region.

2. Outline of the RAP MALI

The RAP MALI prepared by NOWPAP RCU was approved in principle at the NOWPAP IGM12 and discussed at the Meeting on NOWPAP Regional Action Plan on Marine Litter (November 20-21 2007, Toyama, Japan).

The outline of the RAP MALI is as follows;

The goal of RAP MALI is to improve the quality of the marine and coastal environment of the Northwest Pacific region by addressing the marine litter problem through cooperation and partnerships. To achieve the RAP MALI goal, following three objectives are designed:

- (1) To prevent the marine litter input into the marine and coastal environment
- (2) To monitor the quantities and distribution of marine litter
- (3) To remove existing litter that was already discarded, disposed and abandoned.

To achieve these objectives, NOWPAP member states are encouraged to undertake various activities. In addition these national activities, NOWPAP RCU and four Regional Activity Centres cooperate to implement the activities to contribute to the national activities based on the workplan and budget of RAP MALI.

3. Assigned activities and Allocated budget to CEARAC in RAP MALI

The assigned activities and allocated budget to CEARAC in the implementation of RAP MALI is shown in Table 1. This table is extracted CEARAC activities from NOWPAP RAP MALI workplan.

Table 1 Assigned activities and allocated budget to CEARAC

Activities	Deadline	Participant	Budget (US\$)	
1. Prevention of marine litter inputs to marine and coastal environment				
1.3	Information, education, outreach and public awareness			
	Develop public awareness materials	Aug. 2008	CEARAC	2,500
2. Monitoring of marine litter quantities and distribution				
2.3	Compilation of data from national monitoring programmes			
	Compile and harmonize marine litter monitoring data on beaches (provided by member states) and submit collected data to DINRAC	2008-2009	CEARAC	4,000
2.5	Collection of marine litter monitoring on beaches			
	Interpret results of marine litter monitoring on beaches	2009	CEARAC	4,000
3. Removing existing marine litter and its disposal				
3.3	Research activities related to marine litter			
	Development technical materials and introduce best practices on solid waste management, including removal of marine litter on beaches	July 2009	CEARAC	In-kind
Total			10,500	

4. Workplan and budget for CEARAC marine litter activities based on RAP MALI

CEARAC will put its focuses on activities such as harmonizing monitoring results on the beaches, interpreting monitoring results for stakeholders including policy makers for easy understanding, and disseminating the results.

4.1 Develop public awareness materials

The objective of this activity is to develop public awareness materials which will enhance to prevent and reduce marine litter in the NOWPAP region.

CEARAC will develop public awareness material using the results of RAP MALI activities done by CEARAC and this material will be uploaded to CEARAC marine litter website (<http://www.cearac-project.org/MALITA/>).

Budget: US\$2,500

Target date: August 2009

4.2 Compile and harmonize marine litter monitoring data on beaches and submit collected data to DINRAC

The objective of this activity is to develop data set which is easy to refer and search information on monitoring survey of marine litter conducted in the NOWPAP member states.

Based on RAP MALI, CEARAC will receive the result of monitoring through national coordinator of each member state. After submission of the monitoring results, CEARAC will set the results by numbering in each monitoring survey, and compile and harmonize the basic information on monitoring survey such as the survey area, the number of participants, major monitoring item and sorted items of collected marine litter etc.

Based on the results of compilation and harmonization, CEARAC will tally the number of the monitoring survey and total number and weight of marine litter in each country and NOWPAP region and submit them to DINRAC in an utilizable format for people and organization.

Budget: US\$4,000

Activity period: 2008-2009

4.3 Interpret results of marine litter monitoring on beaches

The objective of this activity is to provide the existing survey results with its interpretation added, which is helpful to enhance to prevent the marine litter input and to remove existing litter in each member state.

By interpreting the survey results implemented by NPEC, CEARAC will provide necessary and useful information to improve current situation, to solve marine litter issue and to formulate measures against marine litter. It is expected that the information will be used for central governments, local governments, academics, industries and NGOs to address the marine litter issues.

To disseminate the information to NOWPAP member states and related international organizations, CEARAC will develop web contents in 2009 which are based on the website established by NPEC in Japanese.

Budget: US\$4,000

Target date: Summer 2009

4.4 Develop technical materials and introduce best practices on solid waste management, including removal of marine litter on beaches

The objective of this activity is to develop technical materials and introduce best practices on solid waste management, including removal of marine litter on beaches.

The Ministry of the Environment, Japan will make the technical report on technologies and research outcomes on prevention, collection and treatment of marine litter in Japanese. CEARAC will translate this report to English to share the useful technologies and information among the NOWPAP member states.

Budget: in-kind

Target date: July 2009