



**UNDP/GEF PROJECT ENTITLED “REDUCING ENVIRONMENTAL STRESS IN THE
YELLOW SEA LARGE MARINE ECOSYSTEM”**

UNDP/GEF/YS/RSP.5/9
Date: 10 November 2008
English only

**Fifth Meeting of the Regional Scientific and Technical Panel
for the UNDP/GEF Yellow Sea Project
Shanghai, China, 25-26 November 2008**

Proposed Workplan for 2009 to June 2010

1. Following the outcomes from the fifth round of Regional Working Group Meetings and suggestions for future activities, the revised project workplan for the Biodiversity, Ecosystem, Fisheries, Investment, and Pollution Components for 2009 until the end of the project are attached herewith.
2. All 5 RWGs decided to focus most of the remaining time of the project on implementing SAP (Strategic Action Programme) demonstration activities. However, there are some funds saved from previous activities, and a few additional activities are proposed in line with the SAP demonstration activities and new and emerging issues. Collaborative activities with partner organisations will also be carried out as appropriate.
3. **NEW ACTIVITIES:** Subject to the availability of project budget, the proposed new activities are mainly cross-component activities, which are presented for the RSTP to consider.

CRUISE SUMMARY WORKSHOP

4. Members of the RWG-Pollution suggested that a co-operative cruises summary workshop should be held with Ecosystem Component cruise scientists next year. The objectives of this workshop are as follows:
 - To report the summer co-operative cruise results.
 - To harmonise, as best as possible, all the differences in results (winter and summer cruises) from China and Republic of Korea, in order for data to be comparable and present a basin-wide picture of the Yellow Sea status. Some sampling stations from both cruises were designated as “inter-calibration” stations to allow comparison of results. It was discovered that many differences still exist, such as for some chemical concentrations and taxonomic identification.
 - To provide input and assistance to the Chief Scientists in preparing the final co-operative cruises regional reports.

DOCUMENTS FOR PROJECT PHASE 2

Project Document Preparation

5. The preparation of all documents for submission to GEF for the project's next phase entails specific qualifications and knowledge of the GEF system. As the GEF 5th replenishment will only start from 2010, it would not be possible for the project to prepare the full project document with the Project Preparation Grant (PPG). Preparing the full Project Document would be covered by the current project budget, and will require someone (or some people) who is familiar with the GEF principles and practical operations, and also someone who will be able to produce an excellent document, drawing upon his/her interviews with the countries and regional experts. It is suggested that a consultant be hired to prepare the Project Document and all other necessary final documents to apply for the project's next phase from the GEF.

Preparation of YSLME Commission Document

6. The SAP suggests creating the YSLME Commission as an institutional vehicle to continue and expand current efforts through the YSLME Project. The Commission, a soft and non-legally binding and co-operation based institution, will consist of Steering Committee, Secretariat, and Sub-Commissions. The Steering Committee will serve as a supreme decision-making body, given administrative support from the Secretariat and technical support from the Sub-Commissions. A proposed new activity will prepare necessary documents, including "Rules of Procedure" for the establishment and operation of the Commission, structure and operation of the Commission. The Rules of Procedure should describe a set of basic requirements of the Commission, including its roles and functions, membership, sessions, secretariat, and conduct of business. The new activity is expected to greatly contribute to the preparation of the Project's second phase.

SAP DEMONSTRATION ACTIVITY DISCUSSIONS

7. It is suggested that the Fisheries, Ecosystem, and Pollution Components hold "SAP demonstration activity discussions." These will be targeted discussions for each group to review the progress of their SAP demo activity implementation, provide advice on finalising activity implementation, and exchange & share knowledge gathered from each activity.
8. Fisheries Exchange experiences between demonstration activities - During the recent 5th RWG-F meeting, concern was expressed that demonstration activities would not go through a review process. This activity is designed to address those concerns to review progress and provide some constructive criticism/feedback. It will facilitate dialogue between the co-ordinators of the demonstration activities so they can share experiences on the successes and problems they have met in the implementation of demonstration activities.
9. Biodiversity Assessment of demonstration site activities - Demonstration activities will be initiated this year at the two demonstration sites. Most of these activities will be implemented by local NGO's or other parties that are not familiar with the projects objectives. This activity is designed to provide "on the ground" direction and guidance for the demonstration activities. Invited experts will visit the sites, establish dialogue with the contractors, review the activities and listen to the problems and constraints experienced and provide advice on how to improve the effectiveness of those activities.

10. The Wadden Sea experience for senior local government - The conclusions of the recent "International Symposium on East Asian Coastal Wetlands" adopted as an annex to Resolution 22 of the Ramsar COP10 meeting suggested that East Asia could learn from the experiences and collaborative management of Wadden Sea. It specifically recommended co-operation and exchange of experience between wetland managers in the Yellow Sea and Wadden Sea. This activity will provide seed funding to set up an exchange programme so that government officials involved in management of the Yellow Sea can benefit from the experience gained in the successful management of the Wadden Sea. Participants will visit the Common Wadden Sea Secretariat and learn the methods and importance of generating a shared conservation vision among stakeholders, promotion of wise-use principles, and other management tools.
11. Jellyfish network - This activity aims to assist the contractor in bringing together scientists from within and beyond the region to establish the jellyfish monitoring network. The event will also inform participants on the various ways to monitor jellyfish. The activity is expected to proceed with an operational jellyfish monitoring network, and to increase capacity in the region on monitoring jellyfish.
12. Inter-linkage of impacts to the environment - This activity concerns the Pollution and Ecosystem SAP demo activities, minus jellyfish bloom. The Ecosystem SAP demo activities on N:P:Si change and impacts of climate change affect and are affected by pollutants. This discussion will bring together consultants from Ecosystem and Pollution demo activities to examine the linkages between the various activities. Information exchange and data sharing will occur to assist each other in examining the impacts to the biological and chemical environment from various sources of pollution.
13. The above discussions might be held together wherever possible. For example, the jellyfish networking discussion might be held with the fisheries SAP demo contractors, jellyfish affect management of fisheries.

MACROALGAE BLOOM

14. Shortly before the Beijing Olympics this summer, the macroalgae, *Enteromorpha*, suddenly bloomed off the coast of Qingdao. During the 5th RWG-E Meeting, members began discussing how to collaborate on this issue, as the cause of the algal bloom is not known. It is likely that China and ROK scientists will be able to obtain research funds nationally; however, this activity is suggested to provide a forum where the scientists may meet to share their research results and plan for future work.

EAS CONGRESS 2009

15. The project has been approached by PEMSEA to consider hosting an event during the EAS Congress 2009 (23-27 November 2009). As a member of the EAS Partnership, the project contributed to the EAS Congress 2006 by organising an exhibition and side event on the "Yellow Sea Partnership."
16. *The RSTP is requested to consider whether the project should participate in EAS Congress 2009, and the means of participation.*

2nd REGIONAL SCIENCE CONFERENCE

17. This is not a new activity, as it is already listed in the project's workplan and budget has been allocated. The RWGs agreed to implement this event in place of another round of RWG Meetings next year. Planning for the organisation of this event should be discussed by the RSTP, and some guidance given to the PMO.
18. The RSTP is also requested to review the workplans, suggest any necessary changes, and submit the "2009 to June 2010 Workplan" to the Project Steering Committee for approval at its fifth meeting.

Fisheries Component Workplan for 2009 (Condensed)

Activity	<u>Action</u>	<u>Timeline / Deadline</u>
<u>Joint Regional Stock Assessment</u>		
	Mid term report	√ 12 Sept 2008
	Final report	8 May 2009
<u>Boat buy-back</u>		
	Mid term report	√ 12 Sept 2008
	final report	14 August 2009
<u>Effectiveness of Stock Enhancement</u>		
	Progress Report	30-1-09
	Final Report	30 September 2009
<u>Effectiveness of Closed Seasons/Areas</u>		
	Progress Report	30-1-09
	Final Report	30 September 2009
<u>Heterotrophic Shrimp Culture</u>		
	Progress Report	1 October 2008
	Final Report	30 September 2009
<u>IMTA demo</u>		
	Progress Report	1 October 2008
	Final Report	30 September 2009
<u>Mariculture Conference</u>		
	Held	June 2009
<u>NYSAP</u>		
drafting NYSAP	NPC and national members	2008
govt approval of NYSAP	govt	
<u>Project Phase 2 preparations</u>		
Working Session #2		Oct. 2008
Supporting services inputs to PIF <i>others actions to be added</i>		Oct/Nov. 22008
<u>6th RWG-F Meeting/2nd RSC</u>		
	PMO will arrange	autumn 2009

ID	Task Name	Start	Finish	1st Half		2nd Half		1st Half		2nd Half		1st Half		2nd Half		1st Half		2nd Half					
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
1	OBJECTIVE 1: FISHERIES COMPONENT	Mon 05-04-11	Fri 09-10-30																				
2	IA: STOCK ASSESSMENT	Mon 05-04-11	Wed 09-09-23																				
3	ACT 1: Review of existing data	Mon 05-04-11	Thu 06-11-09																				
4	Regional Working Group (WG) Meeting 1	Mon 05-04-11	Thu 05-04-14																				
5	Contract to relevant national institutions (contract)	Tue 05-10-04	Mon 06-02-20																				
6	Revise national data and info (contract)-NFRDI-YSFRI	Tue 05-10-04	Thu 06-11-09																				
7	ACT 2: Diagnosis of Stock Conditions	Fri 06-11-10	Tue 06-11-21																				
8	Finalisation of data and info at WG Meeting 3	Fri 06-11-10	Wed 06-11-15																				
9	Inputs to final TDA	Thu 06-11-16	Tue 06-11-21																				
10	ACT 3: Develop Common methodology of regional stock as	Tue 06-01-03	Thu 07-08-23																				
11	Gathering existing methods, prepare suggested methods (c	Tue 06-01-03	Tue 06-08-01																				
12	Discuss the methods (WG Meeting 3)	Tue 06-08-01	Fri 06-08-04																				
13	Revise regional methods (consultant)	Mon 06-08-07	Fri 06-12-15																				
14	Discuss and modify the methods (WG Meeting 4)	Mon 07-08-20	Thu 07-08-23																				
15	Finalise the method (WG Meeting 4)	Mon 07-08-20	Thu 07-08-23																				
16	ACT 4: Perform Demonstration of Joint-Regional Survey	Wed 05-10-19	Wed 07-12-12																				
17	Winter Survey	Wed 05-10-19	Wed 07-12-12																				
18	Prepare guidelines for survey (consultant)	Thu 07-08-23	Wed 07-12-12																				
19	Accept guidelines (Technical Meeting 1 - Qingdao)	Wed 07-10-17	Thu 07-10-18																				
20	Obtain and Assemble Equipment	Wed 05-10-19	Fri 05-12-30																				
21	Ship Rental for first Joint Survey	Wed 06-01-04	Wed 06-01-25																				
22	Analyse survey result (participants of survey)	Fri 06-01-27	Sun 06-04-30																				
23	Publish survey result (printing)(PMO)	Mon 06-05-01	Fri 06-07-28																				
24	Spring Survey	Thu 06-01-26	Fri 06-09-29																				
25	Prepare guidelines for survey (consultant)	Thu 06-01-26	Thu 06-01-26																				
26	Accept guidelines (Technical Meeting 2 - ?)	Mon 06-03-27	Tue 06-03-28																				
27	Obtain and Assemble Equipment	Wed 06-03-29	Mon 06-05-01																				
28	Ship Rental for Second Joint Survey	Mon 06-05-01	Sat 06-06-10																				
29	Analyse survey result (participants)	Mon 06-06-12	Fri 06-09-29																				
30	Publish survey result (printing)	Mon 06-10-02	Tue 06-10-31																				
31	ACT 5: Perform Initial Joint Regional Stock Assessment	Tue 06-10-10	Wed 09-09-23																				
32	Prepare a plan for stock assessment (Consultant)	Tue 06-10-10	Thu 07-03-15																				
33	Technical discussion on the plan (WG Meeting 4)	Wed 07-08-01	Tue 07-10-23																				
34	Implement regional stock assessment	Tue 07-08-07	Mon 08-03-10																				
35	Discuss results of assessment (WG Meeting 5)	Fri 08-08-01	Wed 08-08-06																				
36	Additional assessment if necessary (contracts)	Thu 08-08-07	Thu 09-08-06																				
37	Accept the assessment result (WG Meeting 6)??	Fri 09-08-07	Wed 09-08-12																				
38	Publication of assessment results (printing)	Thu 09-08-13	Wed 09-09-23																				
39	ACT 6: Create mechanism for regional multispecies stock a	Thu 05-11-17	Mon 07-08-06																				
40	Identify major barriers in stock assessment (WG Meeting 2)	Thu 05-11-17	Mon 05-11-21																				
41	Identify the species to be assessed (WG Meeting 2)	Thu 05-11-17	Mon 05-11-21																				
42	Prepare draft mechanism for annual assessment (Consultan	Mon 06-01-02	Fri 06-06-30																				
43	Discuss the draft mechanism (WG Meeting 3)	Tue 06-08-01	Fri 06-10-27																				
44	Revise the draft mechanism (consultant)	Tue 06-08-08	Thu 07-03-15																				
45	Finalisation of the mechanism (WG Meeting 4)	Wed 07-08-01	Mon 07-08-06																				
46	IB: CARRYING CAPACITY	Thu 05-09-01	Mon 08-10-27																				
47	ACT 1: Review of existing state of knowledge	Thu 05-09-01	Fri 06-08-04																				
48	Contract to relevant national institutions for assessing infor	Mon 05-10-03	Fri 06-02-17																				
49	Present at WG Meeting 2	Thu 05-11-17	Mon 05-11-21																				
50	Revise national state of knowledge	Sat 05-11-19	Tue 06-08-01																				
51	Finalisation of report (WG Meeting 3)	Tue 06-08-01	Fri 06-08-04																				
52	Inputs to final TDA	Thu 05-09-01	Tue 05-10-11																				
53	ACT 2: Fill in knowledge gaps for carrying capacity analysi	Mon 06-01-02	Fri 06-06-30																				
54	Prepare guidelines for carrying capacity (consultant)	Mon 06-01-02	Fri 06-06-30																				
55	ACT 3: Perform iterative series of analysis of carrying capac	Mon 06-08-07	Tue 07-09-04																				
56	Prepare workplan for the analysis (consultant)	Mon 06-08-07	Fri 06-09-08																				
57	Discuss and agree on the workplan (WG Meeting 4)	Wed 07-08-01	Mon 07-08-06																				
58	Implement the workplan (contracts to national focal points)	Tue 07-08-07	Tue 07-09-04																				
59	ACT 4: Annual carrying capacity determination	Wed 07-09-05	Mon 08-10-27																				

Biodiversity Component Workplan for 2009 (Condensed)

Activity	<u>Action</u>	<u>Timeline / Deadline</u>
<u>Implementation of Demonstration activities</u>		
	Contract or to start	early Dec. 2008
	Mid term report	
	Final report	Nov 2009
<u>Training of managers at Demonstration sites</u>		
	Activity	June 2009
	final report	August 2009
<u>Public Awareness at Demonstration sites</u>		
	Activities	2009
	Report	Nov 2009
<u>Ramsar COP 10 and the Conservation of Wetlands Meeting</u>		
	Meeting	Oct-Nov 2008
	Booth	Oct-Nov 2009
<u>NYSAP</u>		
drafting NYSAP	NPC and national members	2008
govt approval of NYSAP	govt	
<u>Project Phase 2 preparations</u>		
Working Session #2		Oct. 2008
Supporting services inputs to PIF		Oct/Nov. 22008
<i>others actions to be added</i>		
<u>6th RWG-E Meeting/2nd RSC</u>		
	PMO will arrange	autumn 2009

ID	Task Name	Start	Finish	2005				2006				2007				2008				2009			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	OBJECTIVE II: BIODIVERSITY PROTECTION COMPONENT	Tue 05-04-19	Mon 09-12-14	[Gantt bar]																			
2	IIA: HABITAT CONSERVATION AND VULNERABLE SP	Tue 05-04-19	Wed 08-12-31	[Gantt bar]																			
3	ACT 1: Review existing national practices of coastal habitat use, conservation, restoration, status of vulnerable species and trophic linkages (including keystone species), and analyse and	Tue 05-04-19	Mon 07-10-01	[Gantt bar]																			
4	WG Meeting 1 (Qingdao)	Tue 05-04-19	Fri 05-04-22	[Gantt bar]																			
5	Contract to relevant national institution(s) (Contract	Tue 05-08-30	Fri 06-03-31	[Gantt bar]																			
6	WG Meeting 2	Wed 05-11-09	Sat 05-11-12	[Gantt bar]																			
7	Finalise national outputs and synthesis	Tue 05-08-30	Fri 06-03-31	[Gantt bar]																			
8	Consider cross- component meeting with other WGs to discuss trophic linkage outcomes relevant	Sun 06-10-15	Mon 06-10-16	[Gantt bar]																			
9	Prepare a regional synthesis (consultant C2)	Fri 06-02-10	Tue 07-07-31	[Gantt bar]																			
10	Present outcomes of national assessment in WG M	Fri 06-10-20	Mon 06-10-23	[Gantt bar]																			
11	Publish the outcomes (printing)	Wed 07-08-01	Mon 07-10-01	[Gantt bar]																			
12	Inputs to final TDA	Tue 06-10-24	Sun 06-12-31	[Gantt bar]																			
13	ACT 2: Develop regionally coordinated strategies of conservation and restoration of habitats and for	Fri 06-02-10	Wed 08-12-31	[Gantt bar]																			
14	Prepare draft regional strategy (Consultant C2)	Fri 06-02-10	Tue 07-07-31	[Gantt bar]																			
15	Discuss and modify the draft (WG Meeting 3)	Fri 06-10-20	Mon 06-10-23	[Gantt bar]																			
16	Revise the draft accordingly (C2)	Tue 06-10-24	Tue 07-07-31	[Gantt bar]																			
17	Finalise strategy (WG Meeting 4)	Mon 07-09-03	Thu 07-09-06	[Gantt bar]																			
18	Inputs to regional SAP	Fri 07-03-02	Wed 08-12-31	[Gantt bar]																			
19	ACT 3: Implement regional strategy for conservation areas and the protection of	Fri 06-02-10	Tue 07-07-31	[Gantt bar]																			
20	Prepare draft implementation plan (consultant C2)	Fri 06-02-10	Tue 07-07-31	[Gantt bar]																			
21	ACT 4: Implement regional strategy for conservatic	Fri 08-08-01	Wed 08-08-06	[Gantt bar]																			
22	Adopt implementation plan (WG Meeting 5)	Fri 08-08-01	Wed 08-08-06	[Gantt bar]																			
23	ACT 5: Implementation of regionally coordinated strategies for protection of vulnerable species	Wed 07-08-01	Fri 08-06-20	[Gantt bar]																			
24	Implement the strategy (contract to national focal p	Wed 07-08-01	Fri 08-06-20	[Gantt bar]																			
25	IIB: GENETIC DIVERSITY - low priority activity, no bud	Wed 05-11-09	Wed 09-07-15	[Gantt bar]																			
26	ACT 1: Determine situations of genetic degradator	Mon 06-05-08	Thu 07-09-06	[Gantt bar]																			
27	Meeting to discuss Genetic Diversity at end of RWI	Tue 06-10-24	Tue 06-10-24	[Gantt bar]																			
28	Prepare draft of current status of genetic degradation of important bioresources, including a list of species and current activities which address 'genetic degradation' and identify and prioritise	Mon 06-05-08	Fri 06-08-11	[Gantt bar]																			
29	Discuss and finalise current status (WG Meeting 4)	Mon 07-09-03	Thu 07-09-06	[Gantt bar]																			
30	Inputs to TDA	Tue 06-10-24	Sun 06-12-31	[Gantt bar]																			
31	ACT 2: Develop regional concensus on the requirements for conservation of genetic diversity	Wed 05-11-09	Wed 09-07-15	[Gantt bar]																			
32	Prepare draft list on conservation of genetic divers	Mon 06-05-01	Wed 06-05-31	[Gantt bar]																			
33	Training course on genetic techniques [delete this]	Mon 06-02-20	Thu 06-04-20	[Gantt bar]																			
34	Agree list on genes (WG Meeting 2 delete) (during addition working group meeting)	Wed 05-11-09	Sat 05-11-12	[Gantt bar]																			
35	Prepare a plan for the conservation (consultant)	Thu 09-01-01	Wed 09-07-15	[Gantt bar]																			
36	Finalise the plan (WG Meeting 3)	Fri 06-10-20	Mon 06-10-23	[Gantt bar]																			
37	Input to SAP	Thu 07-03-01	Tue 08-12-30	[Gantt bar]																			
38	ACT 3: Prepare recommendations for conservation	Mon 05-12-19	Fri 06-01-20	[Gantt bar]																			
39	The activities will be incorporated into activity 2	Mon 05-12-19	Fri 06-01-20	[Gantt bar]																			
40	IIC: EXOTIC (INTRODUCED) SPECIES	Tue 05-04-19	Wed 09-06-17	[Gantt bar]																			
41	ACT 1: Document introduced exotic species and their pathways, assess impacts and risks	Tue 05-04-19	Wed 09-04-22	[Gantt bar]																			
42	WG Meeting 1	Tue 05-04-19	Fri 05-04-22	[Gantt bar]																			
43	Contract to relevant national institution(s) (Contract	Tue 05-08-30	Fri 06-03-31	[Gantt bar]																			
44	Discuss and modify the draft (WG Meeting 2)	Wed 05-11-09	Sat 05-11-12	[Gantt bar]																			
45	Revise the draft accordingly	Thu 09-01-01	Wed 09-04-22	[Gantt bar]																			
46	Finalise the strategy (WG Meeting 3)	Fri 06-10-20	Mon 06-10-23	[Gantt bar]																			
47	Inputs to TDA	Tue 06-10-24	Fri 06-12-29	[Gantt bar]																			

**Ecosystem Component
Workplan for 2009 (Condensed)**

UNDP/GEF/YS/RSP.5/9

Activity	Action	Timeline / Deadline
<u>OC 2008</u>	Final meeting and results delivery	mid Jan. 2009
<u>Primary productivity estimation</u>	progress report	Sept. 2008
	final report	15 Feb. 2009
<u>Co-operative cruises</u>		
Component reports - summer	each team	end Jan. 2009
Regional report	Chief Scientists	end Apr. 2009
Winter cruise data available to the public through project DB	each team & CKJORC	before 2nd RSC, Nov. 2009
Summer cruise data available to the public through project DB	each team & CKJORC	before project ends
<u>SAP Demonstration Activities</u>		2008 - 2009 (results to be reported at 2nd RSC)
Jellyfish bloom	consultants	Dec. 2009
N:P:Si changes	consultants	Dec. 2009
climate change impacts	consultants	Dec. 2009
<u>NSAP</u>		
drafting NSAP	NPC and national members	before end 2008
govt approval of NSAP	govt	before end 2008
<u>Project Phase 2 preparations</u>		
Working Session #2		5-6 Oct. 2008
Supporting services inputs to PIF		completed at 5th RWG-E Meeting
<u>6th RWG-E Meeting/2nd RSC</u>	PMO will arrange	Nov. 2009, TBD

ID	Task Name	Start	Finish	2005				2006				2007				2008				2009			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	OBJECTIVE III: ECOSYSTEM	Mon 05-01-03	Thu 09-12-31																				
2	IIIA: STATUS OF ECOSYSTEM	Mon 05-01-03	Mon 07-12-31																				
3	ACT 1: Prepare state-of-ecosystem reviews and reports (incl. long-term and recent changes)	Mon 05-01-03	Thu 06-09-21																				
4	Contract (1) to relevant national institution(s) - collect data & info	Mon 05-10-03	Fri 06-03-31																				
5	Processing existing raw data	Mon 06-01-02	Fri 06-03-31																				
6	Establish a regional editorial group /or use the WG	Tue 05-11-29	Fri 05-12-02																				
7	Prepare a draft report (consultant 1)	Mon 06-01-02	Mon 06-07-31																				
8	Discuss the draft (WG meeting 2)	Tue 05-11-29	Fri 05-12-02																				
9	Revise the draft report (consultant 1)	Mon 06-01-02	Mon 06-07-31																				
10	Finalise the draft report (WG meeting 3)	Mon 06-09-18	Thu 06-09-21																				
11	ACT 2: Identify data and information gaps and develop strategies for monitoring changing status of ecosystem and its transboundary impacts	Wed 06-02-01	Mon 07-06-04																				
12	Prepare synthesis of the national assessment, and identify the info gaps (consultant 1)	Wed 06-02-01	Thu 06-08-31																				
13	Prepare draft strategy, including: parameters, analysis, intercalibration, data exchange etc. (consultant 1)	Wed 06-02-01	Thu 06-08-31																				
14	Discuss the draft (WG meeting 3)	Mon 06-09-18	Thu 06-09-21																				
15	Revise the draft	Mon 06-10-02	Tue 06-10-31																				
16	Finalise the strategy (WG meeting 4)	Fri 07-06-01	Mon 07-06-04																				
17	ACT 3: Demonstration of new and innovative technologies for monitoring	Mon 05-01-03	Mon 07-12-31																				
18	Contract (2) to relevant national institution(s)	Wed 07-01-03	Mon 07-12-31																				
19	Application of remote sensing	Mon 07-01-01	Thu 07-12-27																				
20	Ship-of-opportunities monitoring.	Mon 07-01-01	Thu 07-12-27																				
21	Molecular probes - low priority	Mon 05-01-03	Mon 05-01-03																				
22	IIIB: CARRYING CAPACITY OF ECOSYSTEM	Mon 07-01-01	Sun 09-02-15																				
23	ACT 1: Establish the logistical and data requirements of estimating carrying capacity	Tue 07-09-04	Sun 09-02-15																				
24	Contract (1) to relevant national institution(s)	Sat 07-12-01	Sun 09-02-15																				
25	Discuss and coordinate with fisheries WG (joint workshop) - N/A	Tue 07-09-04	Thu 07-09-06																				
26	Decide on the assessment methods of carrying capacity	Sat 07-12-01	Sun 09-02-15																				
27	Training on carrying capacity (Estimation of carrying capacity)	Sat 07-12-01	Sun 09-02-15																				
28	ACT 2: Conduct a basin-scale survey on lower-trophic level ecosystem	Mon 07-01-15	Sun 07-08-19																				
29	Conduct a basin-scale survey on lower-trophic level ecosystem (contract 4)	Mon 07-01-15	Sun 07-08-19																				
30	ACT 3: Assess the carrying capacities of the ecosystem under changing human-induced and natural variability	Mon 07-01-01	Thu 07-12-27																				
31	Prepare a regional synthesis (consultant 2)	Mon 07-01-01	Thu 07-12-27																				
32	Finalisation national outputs and synthesis	Mon 07-01-01	Thu 07-12-27																				
33	IIIC: STRESSORS TO THE ECOSYSTEM	Mon 05-10-03	Thu 09-12-31																				
34	ACT 1: Identify and rank stresses on the ecosystem; identify data and information gaps	Mon 05-10-03	Mon 07-12-31																				
35	Contract (1) to relevant national institution(s)	Mon 05-10-03	Fri 06-03-31																				
36	Present outcomes of ranking, data and info in WG meeting 2	Tue 05-11-29	Fri 05-12-02																				
37	Prepare a regional synthesis (consultant 3)	Wed 06-02-01	Thu 06-08-31																				
38	Finalization of national outputs and synthesis (WG Meeting 3)	Mon 06-09-18	Thu 06-09-21																				
39	Publish the outcomes (printing)	Tue 07-10-02	Mon 07-12-31																				
40	Inputs to final TDA	Mon 06-07-31	Fri 06-12-29																				
41	ACT 2: Identify corrective measures to minimize human-induced stress	Wed 06-02-01	Fri 06-12-29																				
42	Identify major human induced stresses (contract)	Wed 06-02-01	Thu 06-08-31																				
43	Causal chain analysis (contract 1)	Mon 06-07-31	Fri 06-12-29																				
44	Identify measures to address the root causes (WG meeting 3)	Mon 06-09-18	Thu 06-09-21																				
45	Inputs to final TDA	Mon 06-07-31	Fri 06-12-29																				
46	ACT 3: Develop strategy for intercalibration and data exchange	Mon 07-01-01	Fri 07-08-31																				
47	Prepare draft strategy, including: parameters, analysis, intercalibration, data exchange etc.	Mon 07-01-01	Sat 07-06-30																				
48	Discussion the draft (WG meeting 4)	Fri 07-06-01	Mon 07-06-04																				
49	Revise the draft	Tue 07-07-03	Fri 07-08-31																				
50	Finalise the strategy (WG meeting4)	Fri 07-06-01	Mon 07-06-04																				
51	ACT 4: Develop strategy to identify long-term sustainable investments to improve the YSLME	Thu 07-02-01	Thu 09-12-31																				
52	Prepare a format for nat'l strategy-PMO	Thu 07-02-01	Sun 07-08-19																				
53	Prepare national strategy (contract 3)	Thu 07-02-01	Sun 07-08-19																				
54	Discussing national strategy (WG Meeting 5)	Thu 07-02-01	Sun 07-08-19																				
55	Revise national strategy (contract 3)	Thu 07-02-01	Sun 07-08-19																				
56	Prepare regional draft strategy (consultant 3)	Thu 07-02-01	Sun 07-08-19																				
57	Finalise nat'l strategy (WG mtg 5)	Thu 07-02-01	Thu 07-10-04																				
58	Discuss reg. strategy (WG mtg 5)	Fri 07-02-02	Fri 07-10-05																				
59	Finalise reg strategy (WG meeting 6)	Thu 07-02-01	Thu 07-10-04																				
60	Inputs to nat'l & reg SAP	Thu 07-02-01	Mon 08-12-29																				
61	Implement SAP (PILOT PROJECTS)	Fri 08-08-01	Thu 09-12-31																				
62																							
63	Ongoing Activities	Thu 08-01-03	#####																				
64	<u>YOC 2008</u>	Tue 08-04-01	Wed 08-12-31																				
65	<u>Primary productivity estimation - extension</u>	Sat 07-12-01	Fri 09-02-13																				
66	<u>SAP demo - jellyfish monitoring</u>	Fri 08-08-01	Thu 09-12-31																				
67	<u>SAP demo - N:P:Si changes</u>	Fri 08-08-01	Thu 09-12-31																				
68	<u>SAP demo - climate change impacts</u>	Fri 08-08-01	Thu 09-12-31																				

**Pollution Component
Workplan for 2009 (Condensed)**

UNDP/GEF/YS/RSP.5/9

Activity	Action	Timeline / Deadline
<u>Inter-calibration exercises</u>		
Nutrients Round 3	on-going	before end 2009
Metals & Organics Round 2	on-going	before end 2009
IC Summary Workshop #2 (2days)	PMO and labs	mid-Feb 2009 before or after cruise summary wkshp
<u>Co-operative cruises</u>		
Cruise summary workshop (2days)	PMO and cruise scientists	mid-Feb 2009
Regional report	Chief Scientists	
Winter cruise data submitted to project database	cruise scientists	before 2RSC in late 2009
Summer cruise data submitted to project	cruise scientists	before project ends
<u>SAP Demonstration Activities</u>		
		2008 - 2009
nutrient loading in hot spots	consultant	Dec. 09
atmospheric deposition	consultant	Nov. 09
sea-based sources	consultant	Nov. 09
recreational waters management	consultant	Dec. 09
cross-component poll-bio	consultant	Dec. 09
<u>NSAP</u>		
drafting NSAP	NPC and national members	2008
govt approval of NSAP	govts	end 2008/early 2009
<u>Project Phase 2 preparations</u>		
Working Session #2		Oct. 2008
Regulating and cultural services inputs to PIF		Oct/Nov. 2008
<u>6th RWG-P Meeting/2nd RSC</u>	PMO will arrange	mid Oct 2009

ID	Task Name	Start	Finish	2005				2006				2007				2008				2009			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	OBJECTIVE IV: POLLUTION	Mon 05-04-11	Tue 09-09-15																				
2	IVA: CRITICAL SPOTS	Thu 05-09-01	Sun 06-12-31																				
3	ACT 1: Determine and rank critical spot sources of water quality degradation	Thu 05-09-01	Sun 06-12-31																				
4	Review previous and ongoing monitoring system and assess methodologies and/or technical guidelines (including target contaminants, QA/QC, intercalibration exercises, data exchange, etc.) (contract 1)	Thu 05-09-01	Fri 06-03-31																				
5	Develop technologies for monitoring contaminants and nutrients (contract 1)	Thu 05-09-01	Fri 06-03-31																				
6	Present outcomes of ranking, data and info in WG meeting 2	Tue 05-10-25	Fri 05-10-28																				
7	Prepare a regional synthesis (consultant 1)	Thu 05-12-01	Wed 06-05-17																				
8	Finalise national outputs and synthesis (WG meeting 3)	Mon 06-09-04	Thu 06-09-07																				
9	Publish the outcomes (printing)	Fri 06-09-08	Mon 06-10-09																				
10	Inputs to final TDA	Thu 05-12-01	Sun 06-12-31																				
11	IVB: CONTAMINANT LEVELS	Mon 05-04-11	Wed 08-12-31																				
12	ACT 1: Develop baseline data and summarize contaminant and nutrient levels in the YSLME	Thu 05-09-01	Sat 07-02-03																				
13	Review existing data & info on contaminant levels (contract 1)	Thu 05-09-01	Fri 06-03-31																				
14	Data quality control for baseline data WG meeting 2	Tue 05-10-25	Fri 05-10-28																				
15	Present outcomes of ranking, data and info in WG meeting 2	Tue 05-10-25	Wed 06-09-13																				
16	Environmental Survey with other working groups (if not, need ship time)	Fri 06-09-01	Sat 06-09-30																				
17	Environmental Survey with other working groups - winter	Thu 07-01-04	Sat 07-02-03																				
18	Prepare a regional synthesis (consultant 1)	Thu 05-12-01	Wed 06-05-17																				
19	Finalise national outputs and synthesis (WG meeting 3)	Mon 06-09-04	Thu 06-09-07																				
20	Inputs to final TDA	Mon 05-10-03	Fri 06-12-29																				
21	ACT 2: Develop regional monitoring network strategy	Mon 05-04-11	Wed 08-12-31																				
22	Establish a monitoring network / or use the existing ones (PMO)	Mon 05-04-11	Wed 05-08-31																				
23	Draft monitoring guidelines / standards (consultant 2)	Wed 05-08-31	Sat 05-12-31																				
24	Agree on the guidelines / standards (WG Meeting 3)	Mon 06-09-04	Thu 06-09-07																				
25	Intercalibration exercise of participating labs (Contract 3)	Thu 05-12-01	Wed 08-12-31																				
26	Development of indicators to assess the implementation of relevant international conventions (consultant 2)	Mon 07-01-01	Tue 07-07-31																				
27	ACT 3: Develop funding mechanism to implement the monitoring strategy	Mon 05-08-01	Fri 06-12-29																				
28	Prepare format for data & info collection (PMO), no need to rank the spots	Mon 05-08-01	Sat 05-10-15																				
29	Identification of hot spots (contract 1)	Thu 05-09-01	Fri 06-03-31																				
30	Contract to relevant national institution(s) to collect hot spots data and information (contract 1)	Thu 05-09-01	Fri 06-03-31																				
31	Discussion & further requirements (WG meeting 2)	Tue 05-10-25	Thu 06-04-06																				
32	Revise the hot spots data & info (contract 1)	Thu 05-09-01	Fri 06-03-31																				
33	Inputs to final TDA	Mon 05-10-03	Fri 06-12-29																				
34	IVC: Analysis of the Fate and Transport of Contaminants to Facilitate	Mon 05-10-03	Mon 07-12-31																				
35	ACT 1: Review existing understanding of fate and transport of contaminants and nutrients	Mon 05-10-03	Sat 07-08-04																				
36	Review existing understanding (contract 1) (workshop)	Thu 06-08-31	Sat 06-09-02																				
37	Present outcomes of reviewing from national outputs in WG meeting 3	Mon 06-09-04	Thu 06-09-07																				
38	Prepare a regional synthesis (consultant 3) - TBD	Mon 06-01-02	Fri 06-04-28																				
39	Finalise national outputs and synthesis (WG meeting 4)	Wed 07-08-01	Sat 07-08-04																				
40	Practice & intercalibration of the procedure (contract 4) - TBD	Mon 06-05-01	Sat 06-09-30																				
41	Publish the outcomes (printing)	Mon 06-10-02	Tue 06-10-31																				

ID	Task Name	Duration	Start	Finish	2005 Qtr	2005 Qtr	2005 Qtr	2005 Qtr	2006 Qtr	2006 Qtr	2006 Qtr	2006 Qtr	2007 Qtr	2007 Qtr	2007 Qtr	2007 Qtr	2008 Qtr	2008 Qtr	2008 Qtr	2008 Qtr	2009 Qtr	2009 Qtr	2009 Qtr	2009 Qtr				
					Jan e	a Apr	a Jun	Jul u	e Oct	o e	Jan e	a Apr	a Jun	Jul u	e Oct	o e	Jan e	a Apr	a Jun	Jul u	e Oct	o e	Jan e	a Apr	a Jun	Jul u	e Oct	o e
1	OBJECTIVE V: DEVELOPMENT OF REGIONAL INSTITUTIONS AND CAPACITIES	1320 days?	Fri 04-12-31	Thu 09-12-31	[Gantt bar]																							
2	VA. Stakeholders	1305 days?	Mon 05-01-03	Fri 09-12-11	[Gantt bar]																							
3	ACT 1: Identify stakeholders and assess their capacities for contributing to environmental management and decision-making	137 days?	Wed 06-03-01	Thu 06-09-07	[Gantt bar]																							
4	Contract to institutions(experts)(Contract)--Governance Analy	132 days?	Wed 06-03-01	Thu 06-08-31	[Task bar]																							
5	Produce a regional list (PMO)	5 days?	Fri 06-09-01	Thu 06-09-07	[Task bar]																							
6	ACT 2: Strengthen stakeholder capacities	1009 days?	Mon 06-02-20	Fri 09-12-11	[Gantt bar]																							
7	Prepare training materials for all stakeholders (contract)	761 days?	Mon 06-02-20	Wed 08-12-31	[Task bar]																							
8	Training for decision makers (Training 1)--Local Government	3 days?	Tue 07-07-10	Thu 07-07-12	[Task bar]																							
9	Training for community trainers (Training 2)--Small grants	2 days?	Mon 07-09-03	Tue 07-09-04	[Task bar]																							
10	Training for local governmental officers (Training 3)--Local G	3 days?	Mon 06-09-25	Wed 06-09-27	[Task bar]																							
11	Intern programme--Full time & voluntary	1002 days?	Wed 06-03-01	Fri 09-12-11	[Task bar]																							
12	Site visits by government officials--Local Government Training	1 day	Wed 06-09-27	Wed 06-09-27	[Task bar]																							
13	"The Yellow Sea and Youth"--Youth Programme	15 days	Thu 06-09-14	Wed 09-08-19	[Task bar]																							
14	ACT 3: Encourage routine and effective involvement of stakeholders in environmental and resource management and decision-making	1305 days?	Mon 05-01-03	Fri 09-12-11	[Gantt bar]																							
15	Publish newsletters of the project	1305 days?	Mon 05-01-03	Fri 09-12-11	[Task bar]																							
16	Printing newsletters	1305 days?	Mon 05-01-03	Fri 09-12-11	[Task bar]																							
17	Regular stakeholders conference (1/yr)--YSP regular meeting	5 days?	Wed 06-03-15	Tue 09-09-29	[Task bar]																							
18	VB. Regional Coordination	1319 days?	Mon 05-01-03	Thu 09-12-31	[Gantt bar]																							
19	ACT 1: Create a functioning regional coordination mechanism to carry out the YSLME Project	65 days?	Mon 05-01-03	Fri 05-04-01	[Gantt bar]																							
20	Programme Coordinator	65 days?	Mon 05-01-03	Fri 05-04-01	[Task bar]																							
21	Economist	65 days?	Mon 05-01-03	Fri 05-04-01	[Task bar]																							
22	Scientific Officer	65 days?	Mon 05-01-03	Fri 05-04-01	[Task bar]																							
23	Public Advisor	65 days?	Mon 05-01-03	Fri 05-04-01	[Task bar]																							
24	Local Staff at PMO:	65 days?	Mon 05-01-03	Fri 05-04-01	[Task bar]																							
25	Secretary	65 days?	Mon 05-01-03	Fri 05-04-01	[Task bar]																							
26	Driver	65 days?	Mon 05-01-03	Fri 05-04-01	[Task bar]																							
27	Administrative Assistant	65 days?	Mon 05-01-03	Fri 05-04-01	[Task bar]																							
28	Administrative Officer	65 days?	Mon 05-01-03	Fri 05-04-01	[Task bar]																							
29	IT Supporting staff	65 days?	Mon 05-01-03	Fri 05-04-01	[Task bar]																							
30	ACT 2: Prepare TDA	136 days?	Tue 06-08-01	Wed 07-01-31	[Gantt bar]																							
31	Review preliminary TDA, and suggest improvements (consult	4 days?	Tue 06-08-01	Fri 06-08-04	[Task bar]																							
32	Discuss draft, and decide new format (WG meeting 3)	3 days?	Sat 06-09-09	Tue 06-09-12	[Task bar]																							
33	Gathering data & info from national review report on the project components (PMO)	13 days?	Thu 06-09-14	Sat 06-09-30	[Task bar]																							
34	Second draft of TDA (consultant)	21 days?	Tue 06-10-03	Tue 06-10-31	[Task bar]																							
35	2nd discussion on the draft (RSTP, PSC)	4 days?	Thu 06-11-16	Tue 06-11-21	[Task bar]																							
36	Revise the TDA	16 days?	Fri 06-11-24	Fri 06-12-15	[Task bar]																							
37	Finalise TDA	16 days?	Mon 06-12-18	Thu 07-01-04	[Task bar]																							
38	Printing the final TDA	19 days?	Fri 07-01-05	Wed 07-01-31	[Task bar]																							
39	Act 3: Prepare Regional SAP	487 days?	Mon 07-03-05	Wed 08-12-31	[Gantt bar]																							
40	Guideline for cost-benefit analysis	200 days	Mon 07-03-05	Fri 07-11-30	[Task bar]																							
41	Prepare a draft regional SAP (consultant)	26 days	Mon 07-12-03	Sat 08-01-05	[Task bar]																							
42	Discuss the draft at the WG meeting-Drafting group 1st	25 days	Mon 08-01-07	Fri 08-02-08	[Task bar]																							
43	Revise the draft SAP & prepare version #2	45 days?	Mon 08-01-21	Fri 08-03-21	[Task bar]																							
44	Discuss version #2-Drafting group 2nd, special PSC	40 days	Mon 08-03-24	Fri 08-05-30	[Task bar]																							
45	Revise the draft SAP, & prepare version #3	41 days?	Sat 08-05-31	Fri 08-07-25	[Task bar]																							
46	Discuss version #3, & finalise the regional SAP (RSTP, PSC)-	87 days	Mon 08-07-28	Fri 08-11-21	[Task bar]																							
47	Printing regional SAP	25 days?	Thu 08-11-27	Wed 08-12-31	[Task bar]																							
48	Act 4: Prepare nat'l SAP	397 days?	Mon 07-12-31	Tue 09-06-30	[Gantt bar]																							
49	Assess all national information & prepare for a framework of	109 days?	Wed 08-01-02	Fri 08-05-30	[Task bar]																							
50	National meetings-1 on NYSAP	54 days?	Mon 07-12-31	Wed 08-03-12	[Task bar]																							
51	Revise NYSAP	123 days?	Mon 08-05-12	Fri 08-10-24	[Task bar]																							
52	Finalise NYSAP	228 days?	Mon 08-04-14	Fri 09-02-20	[Task bar]																							
53	Print NYSAP	71 days?	Tue 09-03-24	Tue 09-06-30	[Task bar]																							
54	Act 5: Partners of the Yellow Sea	1305 days?	Fri 05-01-21	Thu 09-12-31	[Gantt bar]																							
55	Create partnerships with other organisations and projects--YS	1305 days?	Fri 05-01-21	Thu 09-12-31	[Task bar]																							
56	VC: NATIONAL INSTITUTIONS	1305 days?	Mon 05-01-03	Fri 09-12-11	[Gantt bar]																							
57	ACT 1: Review and assess national institutions to support	127 days?	Fri 05-07-01	Fri 05-12-23	[Gantt bar]																							
58	Contract to nat'l focal points (Contract)	87 days?	Fri 05-07-01	Mon 05-10-31	[Task bar]																							
59	Finalise the review report (WG meeting)	39 days	Wed 05-11-02	Fri 05-12-23	[Task bar]																							
60	ACT 2: Facilitate national institutions to be effective stewards of the YSLME	1305 days?	Mon 05-01-03	Fri 09-12-11	[Gantt bar]																							

ID	Task Name	Duration	Start	Finish	2005 Qtr	2005 Qtr	2005 Qtr	2005 Qtr	2006 Qtr	2006 Qtr	2006 Qtr	2006 Qtr	2007 Qtr	2007 Qtr	2007 Qtr	2007 Qtr	2008 Qtr	2008 Qtr	2008 Qtr	2008 Qtr	2009 Qtr	2009 Qtr	2009 Qtr	2009 Qtr				
					Jan e	a Apr	a Jun	Jul u	e Oct	o e	Jan e	a Apr	a Jun	Jul u	e Oct	o e	Jan e	a Apr	a Jun	Jul u	e Oct	o e	Jan e	a Apr	a Jun	Jul u	e Oct	o e
61	Local project office, Provision of necessary equipment	520 days?	Mon 05-01-03	Tue 06-12-26	[Gantt bar]																							
62	Enhance communications	1305 days?	Mon 05-01-03	Fri 09-12-11	[Gantt bar]																							
63	Provide technical trainings	125 days?	Mon 06-07-03	Mon 09-07-27	[Gantt bar]																							
64	Seminars for research community	1305 days?	Mon 05-01-03	Fri 09-12-11	[Gantt bar]																							
65	Study tours for govt officials 1/yr (local govt)--Local Governm	3 days?	Mon 06-09-25	Wed 06-09-27	[Gantt bar]																							
66	Act 3: Establish National Coordination Unit within existing framework to assure intersectoral coordination	495 days?	Mon 05-02-14	Sun 06-12-31	[Gantt bar]																							
67	Establish IMCC (meeting to decide)	65 days?	Wed 06-10-04	Sun 06-12-31	[Gantt bar]																							
68	Appoint NPC	65 days?	Mon 05-02-14	Fri 05-05-13	[Gantt bar]																							
69	Establish NCU (need equipment, staff)	65 days?	Mon 05-10-03	Thu 05-12-29	[Gantt bar]																							
70	Establish NWGs	65 days?	Mon 05-10-03	Thu 05-12-29	[Gantt bar]																							
71	Act 4: Develop proposals to strengthen national institutions to enhance their ability to contribute to environmental management and decision-making	548 days?	Mon 05-01-03	Wed 07-01-31	[Gantt bar]																							
72	Together with Activity 2, Strengthen national institutions to be part of TDA development	548 days?	Mon 05-01-03	Wed 07-01-31	[Gantt bar]																							
73	VD: FINANCIAL INSTRUMENTS	992 days?	Mon 06-01-02	Wed 09-09-30	[Gantt bar]																							
74	ACT 1: Review status and potential for financial sustainability of YSLME regional institutional framework	141 days?	Wed 06-03-01	Tue 06-09-12	[Gantt bar]																							
75	Contract to institution (contract to national focal point)--Gove	132 days?	Wed 06-03-01	Thu 06-08-31	[Gantt bar]																							
76	Discuss & finalise the review report (WG meeting 3)	3 days?	Sat 06-09-09	Tue 06-09-12	[Gantt bar]																							
77	ACT 2: Provide training in environmental project identification and preparation	746 days?	Sat 06-09-09	Tue 09-06-30	[Gantt bar]																							
78	Identify the training needs (WG meeting 3)	3 days	Sat 06-09-09	Tue 06-09-12	[Gantt bar]																							
79	Training #1 Project document preparation	2 days?	Mon 07-10-22	Tue 07-10-23	[Gantt bar]																							
80	Training #2 Fund raising	22 days	Mon 09-06-01	Tue 09-06-30	[Gantt bar]																							
81	ACT 3: Assist and encourage the continuation of project preparation and feasibility studies for long-term environmental investment to implement the SAP and	203 days?	Mon 08-02-04	Fri 08-11-07	[Gantt bar]																							
82	Prepare draft proposal (consultant)--Financial Sustainability,	86 days?	Mon 08-02-04	Sat 08-05-31	[Gantt bar]																							
83	PSC to discuss	5 days	Mon 08-11-03	Fri 08-11-07	[Gantt bar]																							
84	ACT 4: Provide matched fund for small grant project	794 days?	Mon 06-01-02	Mon 08-12-29	[Gantt bar]																							
85	Identify the topics of small grant project (PMO)	66 days?	Mon 06-01-02	Wed 08-01-30	[Gantt bar]																							
86	Provide matched funds for the approved projects (contracts)	725 days?	Wed 06-02-01	Mon 08-12-29	[Gantt bar]																							
87	Matched grants	725 days?	Wed 06-02-01	Mon 08-12-29	[Gantt bar]																							
88	ACT 5: Provide funding for pre-feasibility studies of promising technologies and industries to help achieve the goals of the YSLME, to create an investment portfolio	549 days?	Mon 07-09-03	Wed 09-09-30	[Gantt bar]																							
89	Prepare pre-feasibility studies (consultant)--Technical F/S	66 days?	Mon 07-09-03	Fri 07-11-30	[Gantt bar]																							
90	Discuss & finalise pre-feasibility study(WG meeting, RSTP)	54 days?	Mon 07-09-17	Wed 07-11-28	[Gantt bar]																							
91	Submit to PSC for approval	2 days?	Thu 07-11-29	Fri 07-11-30	[Gantt bar]																							
92	Demonstration projects (contracts)--CBA of Demo projects	410 days	Wed 08-03-12	Wed 09-09-30	[Gantt bar]																							
93	VE: DATA AND INFORMATION MANAGEMENT	1320 days?	Fri 04-12-31	Thu 09-12-31	[Gantt bar]																							
94	ACT 1: Determine regional data and information management capabilities	216 days?	Mon 05-01-03	Mon 05-10-31	[Gantt bar]																							
95	Review regional data & info systems, i.e. regional data centre, NEAR-GOOS, NOWPAP DINRAC, (consultant)	129 days?	Mon 05-01-03	Thu 05-06-30	[Gantt bar]																							
96	Prepare a proposal for DIM (consultant)	87 days?	Fri 05-07-01	Mon 05-10-31	[Gantt bar]																							
97	ACT 2: Develop an effective regional DIM strategy to help achieve the goals of the YSLME	1320 days?	Fri 04-12-31	Thu 09-12-31	[Gantt bar]																							
98	Decide where database should be hosted	130 days?	Fri 04-12-31	Thu 05-06-30	[Gantt bar]																							
99	Discuss and approve DIM proposal, including guidelines (WG	25 days	Tue 05-11-15	Sat 05-12-17	[Gantt bar]																							
100	Equipment (GIS software, hardware)	109 days?	Mon 06-04-03	Thu 06-08-31	[Gantt bar]																							
101	Training on DIM-- Technical workshop	1 day?	Sun 08-08-24	Sun 08-08-24	[Gantt bar]																							
102	Operation of DIM	875 days	Wed 06-09-13	Thu 09-12-31	[Gantt bar]																							
103	ACT 3: Implement the regional DIM strategy, including equipment, facilities, and communications	79 days?	Fri 06-09-15	Sun 06-12-31	[Gantt bar]																							
104	To identify sustainable means for the DIM	79 days?	Fri 06-09-15	Sun 06-12-31	[Gantt bar]																							
105	VF: Public Awareness and Participation	1319 days?	Mon 05-01-03	Thu 09-12-31	[Gantt bar]																							
106	ACT 1: Develop a public awareness campaign	444 days?	Mon 05-01-03	Tue 06-09-12	[Gantt bar]																							
107	Preparation of public awareness campaign (PMO)--Public Awz	326 days?	Mon 05-01-03	Fri 06-03-31	[Gantt bar]																							
108	Agree on the campaign (WG meeting 3)	3 days	Sat 06-09-09	Tue 06-09-12	[Gantt bar]																							
109	ACT 2: Demonstrate regional public awareness/participati	517 days?	Wed 05-11-02	Sat 07-10-13	[Gantt bar]																							
110	Organise public awareness conferences (contracts)--Parliame	5 days	Tue 06-03-28	Sat 07-10-13	[Gantt bar]																							
111	Prepare public awareness materials (Contracts)	174 days?	Wed 05-11-02	Fri 06-06-30	[Gantt bar]																							
112	Produce multi-media, e.g. project pins, mouse pads, posters,	174 days	Wed 05-11-02	Fri 06-06-30	[Gantt bar]																							
113	Public awareness training-twice	1 day	Mon 07-01-01	Mon 07-01-01	[Gantt bar]																							
114	ACT 3: Encourage ongoing public awareness and participation activities to help achieve the goals of the	1305 days?	Fri 05-01-21	Thu 09-12-31	[Gantt bar]																							
115		1305 days?	Fri 05-01-21	Thu 09-12-31	[Gantt bar]																							