

Vietnam: Coastal Resources for Sustainable Development Project (Cr. 5113-VN)
Third Implementation Support Mission: April 22 – 26, 2013
Aide-memoire

Original IDA Amount:	USD 100,000,000 (SDR 64,600,000)
Co-financing (GEF AF)	US\$6,500,000
Total original costs	US\$117,900,000
Total Revised Costs	US\$124,400,000
Board Approval Date:	May 10, 2012
Effectiveness Date:	November 2, 2012
Closing Date:	January 31, 2018
Restructuring/ Extensions:	None
Environmental Category:	B

I. INTRODUCTION

1. An implementation support mission (ISM)¹ visited Vietnam from April 22 – 26, 2013 for the Vietnam Coastal Resources for Sustainable Development Project (CRSD, the Project). The main objectives of the mission, as articulated in the mission announcement letter dated April 11, 2013 were to (a) review implementation progress of the CRSD at the central level (PCU) and in all eight project provinces including procurement and disbursement aspects; (b) provide guidance to the PCU and PPMUs in implementing the 2013 work plans and procurement plans; (c) assist the PCU and PPMUs in developing and implementing plans for rigorous Impact Evaluation (IE); and (d) accelerate the signing of the GEF Grant Agreement to start implementation of GEF-financed activities in 2013.
2. The mission wishes to express its sincere thanks to the Directorate of Fisheries (DOF), the Project Coordination Unit (PCU) of the Ministry of Agriculture and Rural Development (MARD), and the Provincial Project Management Units (PPMUs) of the project provinces. A special thank is given to the PPMU of Binh Dinh for their cooperation and assistance in hosting the technical review workshop and organizing the field visit for the mission and all PPMUs.
3. This aide-memoire was presented on April 26, 2013 at the wrap-up meeting in Hanoi, chaired by Mr. Nguyen Huu Khuong, General Director of the Agricultural Projects Management Board (APMB) of MARD, with participation of representatives from MARD Departments, the PCU, and the PPMUs. It summarizes the mission's key findings, recommendations and agreements, which are subject to Bank management endorsement.

¹ The mission included Binh Thang Cao (Task Team Leader, TTL), Toru Konishi (co-TTL), Tuan Anh Le (Social Development Specialist), Pham Van Khang (Environmental Management Specialist), Hoai Van Nguyen (Procurement Specialist), Ha Thuy Tran (Financial Management Specialist), Vincenzo Di Maro and Dan Stein (DIME), and Joseph Sciotino (Fisheries Port Specialist, FAO Consultant). During the course of the mission, the mission was accompanied by the PCU Director and PCU's key staff.

II. SUMMARY OF ISSUES AND KEY DECISIONS

Summary of Progress

4. With project effectiveness in November, 2012, implementation has only recently started and is focused on preparation of field activities. The PPMUs have led comprehensive planning exercises with key stakeholders. Key achievements in the past six months include: (a) completion of the additional financing (AF) for a US\$6.5 million grant from GEF; (b) finalization of the preliminary designs of all 16 fishing ports and landing sites which are now ready for bidding; (c) finalization of the technical plans for supporting selected “Good Aquaculture Practices” (GAP) areas; (d) completion of the research plans by Research for Aquaculture Institutes No.1, 2, and 3; (e) collection of basic socio-economic data for all fishing communities in the project areas; and (f) preparation of the plan for the project impact evaluation. With the completion of these technical steps, it is expected that field activities will start imminently.
5. Unsurprisingly, disbursement remains low (around 4.5%). Implementation is slower than expected and procurement progress remains about 6 months behind the original plan. However, it is expected that some major civil works packages will be awarded in the next 6 months (i.e. December 2013), which would accelerate disbursement in 2014 and the following years.

Key Issues

6. A number of recommendations from the previous ISM remain outstanding. Of particular concern are the following:
 - Organizing training of trainers (TOT) and for ISP teams on ISP concept, tools and necessary skills, environmental assessments, planning and monitoring to start ISP activities in pilot districts.
 - Preparing TOR for selecting consultants for upgrading the fisheries database (*Vnfishbase*).
 - Developing and introducing a hatchery standardization program in the project provinces.
 - Organizing M&E training workshop for PPMUs.
7. Key issues emerging from the current mission that warrant immediate attention:
 - Completing recruitment of ISP consultants; preparing materials and conducting training for PPMUs and provincial ISP teams, followed by field work for pilot districts.
 - Completing recruitment of local consultants; preparing procurement plans for GAP areas.
 - Finalizing lists of equipment for Sub-DAHs and DONREs; organizing a workshop to review the past experience of disease outbreaks.
 - Improving progress reports in both quality and timeliness.

8. **Table 1** summarizes the key agreed actions for the period through December 31, 2013.

Table 1: Key Decisions/ Actions

No	Task	Responsibility	Agreed Dates
1	<p><u>Component A</u> Complete the recruitment of ISP consultants, then start preparing materials and conducting training for PPMUs and provincial ISP teams, followed by field work for pilot districts. Send draft TORs for upgrading the fisheries database software to the Bank; complete the selection of a consulting firm. Send the policy research proposals (including the draft TORs) endorsed by DOF to the Bank. Assist PPMUs in shortlisting policy research proposals to be conducted at the provincial level for submission to the Bank.</p>	<p>PCU</p> <p>PCU</p> <p>PCU</p> <p>PCU</p>	<p>Jul 31, 2013 Oct 31, 2013 Dec 31, 2013</p> <p>Jul 31, 2013 Dec 31, 2013</p> <p>Jul 31, 2013</p> <p>Oct 31, 2013</p>
2	<p><u>Component B</u> Complete recruitment of local consultants; prepare procurement plans for GAP areas. Finalize the lists of equipment for Sub-DAHs and DONREs; organize a workshop to review the past experience of disease outbreaks. Accelerate detailed technical designs and preparation of technical specifications for equipment; send procurement plans to the Bank. Collect additional comments to finalize the general layout drawing for Ninh Van SPF hatchery area; prepare draft criteria for selecting hatcheries to invest in the area. Conduct assessments of existing hatcheries; forward assessment reports including recommendations for improvement of seed quality to the Bank.</p>	<p>PPMUs</p> <p>PCU</p> <p>PCU</p> <p>Khanh Hoa PPMU</p> <p>PPMUs</p>	<p>Jul 31, 2013</p> <p>Aug 31, 2013</p> <p>Nov 30, 2013</p> <p>Sep 30, 2013</p> <p>Nov 30, 2013</p>
3	<p><u>Component C</u> Complete recruitment of local consultants to assist them in implementation of co-management activities. Prepare and submit bidding documents to the Bank for the upgrades of fishing ports/land sites.</p>	<p>PPMUs</p> <p>PPMUs</p>	<p>Jul 31, 2013</p> <p>Jul 31, 2013</p>
4	<p><u>Component D</u> Accelerate the procurement processes for the main TA package to support implementation at local levels. Improve progress reports in both quality and timeliness.</p>	<p>PCU</p> <p>PCU</p>	<p>Oct 31, 2013</p> <p>Immediately</p>
5	<p><u>Impact Evaluation</u> Implement recommendations in para # 16&17</p>	PCU/PPMUs	Immediately
6	<p><u>Procurement and Financial Management</u> Implement recommendations in paras # 20&22</p>	PCU/PPMUs	Immediately
8	<p><u>Safeguards:</u> Implement recommendations in paras # 24&25</p>	PCU/PPMUs	Immediately

9. The next supervision is tentatively scheduled for October/November 2013.

III. DETAILED IMPLEMENTATION PROGRESS

10. CRSD has four components: (A) institutional capacity strengthening for sustainable fisheries management; (B) good practices for sustainable aquaculture; and (C) sustainable management of near-shore capture fisheries; and (D) project management, monitoring and evaluation. Total original project costs were around US\$117.9 million equivalent, including an IDA Credit of approximately US\$ 100 million, public funds from central and provincial government amounting to around US\$ 11.7 million, and private sector funding of around US\$6.2 million. Originally conceived as an IDA-GEF co-financed operation, delays in securing GEF funding necessitated the processing of Additional Financing (AF) of GEF resources in the amount of US\$6.5 million in March, 2013. Total project costs were revised to US\$124.4 million.
11. Project Development Objective (PDO) is to improve the sustainable management of coastal fisheries in the Project Provinces. The PDO level indicators include: (i) increase in the proportion of farms meeting national standards for water effluent following the adoption of good aquaculture practices (GAP); (ii) reduction in shrimp disease losses in the production areas applying GAP; and (iii) increase in the proportion of areas in which sustainable near-shore fisheries resource management systems are applied. The project's closing date is December 31, 2017.

(A) Institutional capacity strengthening for sustainable fisheries management

12. This component comprises three sub-components: (a) inter-sectoral spatial planning for coastal areas; (b) upgrading of Vietnam fisheries database; and (c) conducting selected policy research. Below is the summary of implementation progress under each subcomponent.
13. (A1) Inter-sectoral spatial planning (ISP) for coastal areas. Since December, 2012, all project provinces have established their respective ISP teams, which consists of members from different relevant departments, such as Departments of Agriculture and Rural Development (DARD), Natural Resources and Environment (DONRE), Transport, Tourisms, Planning and Investment, and Finance, etc. These provincial ISP teams are supposed to assist the PPMUs in implementing ISP activities for coastal areas in their provinces. A three-day workshop will be organized by the PCU in cooperation with IUCN in early June, 2013 to provide training for the PPMUs in implementing ISP activities. The Terms of Reference (TOR) to recruit international and national technical consultants to assist the PCU in implementing ISP activities have been prepared and it is expected that field work for pilot districts will start in December, 2013 (about six months behind schedule).
14. (A2) Upgrading of Vietnam Fisheries database (Vnfishbase). In March, 2013, the PCU in cooperation with Directorate of Fisheries (DOF) organized a technical review workshop with participants from 28 coastal provinces to assess needs for upgrading the Vnfishbase system. The TOR(s) for selecting consulting firm(s) are being prepared by the PCU and will be submitted to the Bank for review.
15. (A3) Selected policy research. The Institute of Fisheries Economics and Planning of DOF submitted three research proposals: (1) development plan for fisheries services to 2020; (2) review of the development plan for brackish water shrimp farming to 2020; and (3) review of priory policies for marine aquaculture in coastal and islands

areas. The PCU has forwarded these proposals to DOF for review and onward submission to the Bank. In the next months, the PCU should also assist the PPMUs in shortlisting policy research proposals to be conducted at the provincial level for submission to the Bank for review.

Agreements/ Next Steps

- PCU to complete the recruitment of ISP consultants by July 31, 2013, then start preparing materials and conducting training for PPMUs and provincial ISP teams in October 2013, followed by field work for pilot districts in December 2013.
- PCU to send draft TORs for upgrading the fisheries database software to the Bank for review by July 31, 2013 and complete the selection of a consulting firm by December 31, 2013. After mobilization of the Consultant, the PCU will organize a technical workshop with the project provinces to: (a) share the current format of the database used in each province and develop new modules for improving collection and management of fisheries data, such as information of fishing logbooks, IUU, aquaculture database, traceability, provincial fishery profiles etc., and (b) develop a roadmap for upgrading the software and database development including key milestones.
- PCU to send the policy research proposals (including the draft TORs) endorsed by DOF to the Bank for review by July 31, 2013;
- PCU to assist the PPMUs in shortlisting policy research proposals to be conducted at the provincial level for submission to the Bank for review by October 31, 2013.

(B) Good practices for sustainable aquaculture

16. This component comprises three subcomponents; (a) improved bio-security management; (b) improved seed quality management; and (c) improved environmental management. Below is the summary of implementation progress under each subcomponent:
17. (B1) Improved bio-security management. PPMUs have prepared comprehensive plans for supporting GAP areas in the first year (2 – 3 GAP areas per province). A typical GAP plan consists of activities to support demonstration models (including training and awareness raising), upgrading of bio-security infrastructure, provision of veterinary services, monitoring of input quality (i.e. seed, feed, etc.), water quality monitoring (i.e. intake and discharge), and GAP certification. Some PPMUs' GAP plans have been finalized, which are now ready for implementation. The PPMUs have prepared TORs for selecting local consultants (provincial level) to assist PPMUs in implementing technical activities under this subcomponent and they also have submitted to the PCU the lists of equipment to be procured for strengthening disease diagnostic capacity of Sub-DAHs.
18. (B2) Improved seed quality management. The mission reviewed the research plans prepared by the Research Institute for Aquaculture (RIA) No. 1 (in Hanoi), No. 2 (in HCMC), and No. 3 (in Khanh Hoa). The PCU is assisting the RIAs in carrying out detailed technical designs for civil works (using counterpart funds) and technical specifications for equipment. With regard to the development of Ninh Van SPF hatchery area in Khanh Hoa, the PPMU has prepared a draft technical design to

provide basic infrastructure for the area. In April, 2013 the PPMU held a consultation meeting with (mostly local) private sector hatcheries and received good feedback. The mission recommends the PPMU seek additional comments from companies of good repute before finalizing the general layout drawing. Draft criteria for selecting hatcheries to invest in should be prepared in parallel. In the other project provinces, the mission reminded the PPMUs to launch a hatchery standardization program immediately through assessments of existing hatcheries to make recommendations for improving seed quality in the project provinces.

19. (B3) Improved environmental management. The PPMUs have prepared environment management plans as part of the package supporting the GAP areas (under B1). Implementation of environment management activities will start soon to support GAP activities. The PPMUs also have submitted to the PCU the lists of equipment to be procured to enhance capacity for monitoring of DONREs. The PCU will coordinate with DOF to conduct a review soon. It is expected that procurement processes would start in the next few months.

Agreements/ Next Steps

- In order to speed up implementation of GAP areas, it was agreed that: (a) PPMUs to complete recruitment of local consultants as soon as possible and to prepare procurement plans for the selected GAP areas by July 31, 2013; (b) PCU to finalize the lists of equipment for Sub-DAHs and DONREs and start procurement processes by August 31, 2013 and organize a workshop to review the past experience of disease outbreaks to draw lessons for GAP areas.
- PCU to work with RIAs to accelerate detailed technical designs for civil works and preparation of technical specifications for the proposed equipment; send procurement plans to the Bank for review by November 30, 2013.
- Khanh Hoa PPMU to collect additional comments from companies of good repute such as CP, Viet Uc, etc., to finalize the general layout drawing; prepare draft criteria for selecting hatcheries to invest in the area. These should be sent to the Bank for review by September 30, 2013.
- All PPMUs to launch hatchery standardization programs through assessments of existing hatcheries; forward the assessment reports including recommendations for improvement of seed quality in the project provinces to the Bank by November 30, 2013.

(C) Sustainable management of near-shore capture fisheries

20. This component comprises two subcomponents: (a) co-management of near-shore capture fisheries; and (b) rehabilitation of fishing ports and landing sites. Below is the summary of implementation progress under each subcomponent.
21. (C1) Co-Management of near-shore capture fisheries. Following the agreed criteria,² the PPMUs have collected basic socio-economic data for all fishing communities in their provinces and each fishing community has been scored. Respective PPMUs have also identified and selected two fishing communities to be the pilots in the first year

² Prepared by the October, 2012 ISM.

before moving to most communities in Year 2 and 3. TORs for selecting local consultants to assist the PPMUs in implementation of co-management activities and a few PPMUs' plans for upgrading MCS field stations have been prepared. The mission supported the proposal of the PCU and PPMUs to conduct study tour on co-management to learn appropriate models which may be applicable to Vietnam.

22. (C2) Rehabilitation of fishing ports and landing sites. The final layout drawings for all 16 fishing ports and landing sites in eight project provinces have been reviewed by the FAO Fishing Ports Specialist. A number of social and environmental safeguards documents also have been prepared and approved by the Bank. The PPMUs should now prepare draft bidding documents.

Agreements/ Next Steps

- PPMUs to complete recruitment of local consultants to assist them in implementation of co-management activities by July 31, 2013.
- PPMUs to prepare and submit bidding documents to the Bank for review for the upgrades of selected fishing ports/land sites by July 31, 2013.
- Upgrades of fishing ports and landing sites require the inclusion of scales and weighbridges to monitor the catches. In Song Doc fishing port, it also requires an unloading crane to reduce losses caused by manual unloading. It is suggested that DOF and the provincial authorities consider including these items in the plans financed by the project.
- PCU to facilitate a study tour on co-management, possibly to Japan, as soon as possible.

(D) Project management, monitoring and evaluation

23. This component comprises two subcomponents: (a) project management, and (b) monitoring and evaluation. Below is the summary of implementation progress under each subcomponent.
24. (D1) Project management. The PCU and PPMUs have been fully staffed. However, many technical staff at the PCU did not have adequate practical experience to provide effective support to the provinces. DOF has seconded two technical staff (one aquaculture and one fishery experts) to work full time at the PCU. Procurement of a technical assistance (TA) team to assist the PCU in project implementation and coordination is underway.
25. (D2) Monitoring and Evaluation. The PCU is planning to select consultants for baseline collection on co-management. At present, the PCU is focusing on monitoring the physical progress and inputs under each component/subcomponent. As such, the reporting does not provide sufficient management information to monitor project implementation. The absence of key project technical staff from participating in ISMs compounds the inability to accurately review project performance. A key role for the TA team is to develop a more comprehensive M&E system for the project.

Agreements/ Next Steps

- PCU to accelerate the procurement processes for the main TA package to bring the TA on-board as soon as possible, preferably before October 31, 2013 to support project implementation at local levels.
- PCU's leaders and technical staff (including the technical experts seconded from DOF) to participate fully in Bank's missions and meetings to follow up with PPMUs on implementation.
- PCU to improve progress reports in both quality and timeliness. The progress reports should highlight the key achievements in the reporting period, technical aspects and quality of implementation, lessons learned as well as success which can be replicated in other provinces, and potential bottlenecks and the areas which needs Bank's attention and support.

IV. GEF AF AND PROJECT IMPACT EVALUATION

26. An AF from GEF in the amount of US\$6.5 million was approved by the Bank's Board in March, 2013 and the Grant Agreement (GA) was signed with SBV on May 2, 2013. The Grant became effective immediately and GEF funds will partially replace IDA funding for Activity A(a) Inter-sectoral planning for coastal areas, and parts of Activity C(a) Co-management of near-shore capture fisheries in the Financing Agreement of the Original Credit.
27. The savings from the IDA Credit will be used for: (a) consolidating and further strengthening of sustainable fisheries co-management through additional support for the establishment of locally-managed marine areas and fisheries improvement plan(s) for the near-shore fisheries sector, with functional zoning for biodiversity conservation, fisheries resource protection and recovery, and the equitable sharing of benefits; (b) further strengthening of the monitoring, control, and surveillance systems in the project provinces; and (c) further improving local livelihood, including incentives to support local ethnic minority and/or poor fishing communities in changing their fishing behaviors towards sustainable fishing practices. A final decision will be made based on the CRSD Mid-Term Review, scheduled for 2015.
28. CRSD is a pilot for impact evaluation (IE) under GEF funding. In consultation with stakeholders, the mission finalized the overall design of the IE and several implementation agreements were reached. The IE activity will have the following two main components: (a) an assessment of the overall impact of the project; and (b) it will test two alternative mechanisms for co-management. The two mechanisms are (i) increasing external surveillance, and (ii) providing incentives for community enforcement. Additional details are presented in Annex 2.

Agreements/ Next Steps

29. To assist the PPMUs in selecting fisheries communities for the impact evaluation, along with the sampling for the baseline survey, it was agreed that the PPMUs will compile the following documents and forward them to Bank by June 30, 2013:
 - List of all communes in the provinces.
 - Scores of suitability/eligibility for all fishing communities in the provinces.

- The list of selected fishing communities proposed to participate in CRSD. This list should contain notes indicating communities that already have had previous experience in co-management (under other projects/programs) or those should be ineligible for the impact evaluation for other reasons.
- List of all patrol stations (or port of patrol boats) in the provinces and their locations.
- List of all registered boat owners (and information on boat registration from local records) in the provinces that are selected for the impact evaluation.

30. Specific arrangements were discussed and agreed for the baseline survey as follows:

- The consulting services for the baseline survey will be procured by the PCU as part of the M&E package to be financed by the IDA, and the procurement would start by June 15 2013. The Bank will assist the PCU in developing the TORs and provide technical guidance.
- As a complement to the main baseline survey, a short follow-up concentrating on fishing catch and methods will be collected by the PPMUs monthly. This activity is separated from the baseline survey, starting from July 2013. The Bank will provide the survey instrument for the monthly data collection to the PPMUs.

31. The Bank's IE team will recruit a national field coordinator to coordinate all the activities related to the IE under the supervision of the Bank. In the coming months, the Bank will continue providing technical support in designing the IE plan for the project until the project's consultants have come on-board.

Fiduciary Issues

Procurement

32. Some progress has been made in implementing the procurement plans (PPs) for the first 18 months. At the central level, the PCU has submitted the following to the Bank for review: (a) the shortlist for the main TA package, (b) bidding documents for procurement of vehicles; (c) a bid evaluation report for the first shopping goods packages. At the provincial level, the PPMUs have received no objection from the Bank for (a) the TORs for most individual consultant packages; (b) the final detail design for most of the major civil works packages for upgrading fishing ports and landing sites. Despite that, procurement activities were assessed to be about 6 months behind the original plan.

Agreements/ Next Steps

33. The following actions have been discussed and agreed with the PCU and PPMUs:

- Promptly issuing the Request for Quotations (RFQs) of the first shopping goods/ works packages and submitting evaluation reports to the Bank for review before June 30, 2013.
- Promptly updating the 18 month PPs to reflect the changes: adding new packages, changes in cost estimates, packaging arrangements, procurement methods,

procurement schedules, the Bank' prior/ post review and the new procurement thresholds; submitting them to the Bank for review before June 30, 2013.

- Submitting bidding documents for the prior review civil packages to the Bank for review before July 31, 2013; and bid evaluation reports (BERs) before October 31, 2013; awarding contracts of major civil works packages in November/December 2013.
- Organizing additional training for the PPMUs in the NCB method in July/August 2013.

Financial management

34. A desk review of financial management (FM) was conducted during this mission. The mission noted that Project's financial management arrangements are operational and meeting the requirements specified in the Financing Agreement. A number of training courses on the Project's FM and accounting software have been conducted during late 2012 and early 2013.

Agreements/ Next Steps

35. The following actions were discussed and agreed:

- PCU and PPMUs to complete the recruitment processes of accounting teams at both central and provincial levels. The results of selecting candidates (contracted accounting staff) to be sent to the Bank for review July 31, 2013.
- PCU to request the software provider to complete the installation of the accounting software at all project implementing units followed by training by August 31, 2013.
- PCU to develop two TORs: one for the Project's internal audit function at the PCU and PPMUs, and the other for the internal audit consultant that will be selected by Quarter 3, 2013. The Bank will provide the PCU the samples TORs for reference.
- PCU to organize additional FM training for PPMUs' accountants focusing on FM manual, financial reporting, accounting software and FM related issues; the PCU to provide opportunities for the Project's accountants to learn/ share experience with the Agriculture Competitiveness Project (ACP), which has similar FM arrangements and the same chief accountant at the PCU.

Safeguards

Social safeguards

36. The mission was pleased to note that effort has been made by the PPMUs – through considering different technical design options – to minimize the need for acquisition of private land for civil works. As such, the civil works upgrades in the first year do not require land acquisition.

37. Regarding ethnic minorities development, Soc Trang PPMU has prepared and submitted a draft Ethnic Minority Development Plan (EMDP) to the Bank for review.

In the other project provinces, there are few EMs living in the coastal areas (the EM safeguard is not triggered).

Agreements/ Next Steps

- In case there is resettlement or acquisition of private agriculture/aquaculture land (regardless of scale), PPMUs to prepare an appropriate Resettlement Action Plan or compensation and submit it to the Bank for review before implementation.
- PCU social safeguards staff to conduct regular field visit to the project provinces to check and verify issues related to land acquisition/ compensation and send a short report to the Bank by August 31, 2013.

Environmental safeguards

38. For all infrastructure subprojects, environmental reports have been prepared – in the form of environmental protection commitment report (EPC) or environmental assessment and management plan (EMP) in accordance with the Bank’s environmental safeguards and national regulations. These documents have been submitted to the Bank for review before implementation. No significant potential adverse impacts caused by the project’s planned activities have been reported so far.

Agreements/ Next Steps

- PCU environmental safeguards staff to conduct regular field visit to the provinces to check and verify issues related to the environmental safeguards and send a short report to the Bank by August 31, 2013.

V. ANNEXES

Annex 1: Implementation Status of Agreed Action Plan ending March 31, 2013. 2012

Annex 2: Project Impact Evaluation Plan

Annex 1: Implementation Status of Agreed Action Plan for period ending March 31, 2013

No.	Task	Responsibility	Agreed Dates	Status
1	<p><u>Key recommendations</u></p> <ul style="list-style-type: none"> Complete the Standard conditions of effectiveness. Open DAs and receive initial IDA funds. Approve provincial 2012 work plans. Send RFP the main TA packages 	SBV/MARD/PCU PCU/PPMUs APMB/DARDs PCU/PPMUs	Nov 9, 2012 Nov 15, 2012 Nov 15, 2012 Nov 15, 2012	Completed Completed Completed Completed
2	<p><u>A1</u></p> <ul style="list-style-type: none"> Establish an Inter-Sectoral Planning (ISP) team at the provincial level. Organize initial training of trainers (TOT) and for ISP teams on ISP concept, tools and necessary skills, environmental assessments, planning and monitoring. Select one district to pilot ISP, establish an ISP team at district level, and provide ISP training to district ISP team. 	PPCs PCU/PPMUs PPMUs	Nov 30, 2012 Dec 15, 2012 Mar 31, 2013	Completed with delay Delayed In progress
3	<p><u>A2</u></p> <ul style="list-style-type: none"> Organize a national workshop to evaluate the <i>Vnfishbase</i>. Prepare TOR for selecting consultants for upgrading the <i>Vnfishbase</i>. Prepare a list of goods and equipment for upgrading the <i>Vnfishbase</i> 	PCU/IC/DEFIREP/ PPMUs PCU/IC/DEFIREP/ PCU/IC/DEFIREP/ PPMUs	Nov 30, 2012 Dec 15, 2012 Jan 31, 2013	Completed with delay Delayed Delayed
4	<p><u>A3</u></p> <ul style="list-style-type: none"> Prepare TORs for the policy research packages to be carried out in the first year and submit them to the Bank 	PCU/DOF	Nov 30, 2012	In progress
5	<p><u>B1</u></p> <ul style="list-style-type: none"> Review and propose plans to strengthen public veterinary services and enhance disease control and outbreak containment. Review and finalize the lists of equipment proposed by the PPMUs including technical specifications. Prepare bidding documents for provinces. Select GAP areas implemented in Y1. Identify bio-security infrastructure for upgrading. Select and establish GAP demonstration sites. Prepare plans for promoting aquaculture diversification including selecting and establishing demonstration sites, upgrading necessary infrastructure. 	PCU/DAH/DA PCU/DAH/DA PCU/DAH/DA/ PPMUs PPMUs/PCU/ DARDs PPMUs PPMUs/DARDs	Nov 30, 2012 Dec 31, 2012 Jan 31, 2013 Dec 31, 2012 Dec 31, 2012 Dec 31, 2012 Dec 31, 2012	In progress In progress In progress Completed Completed In progress In progress
6	<p><u>B2</u></p> <ul style="list-style-type: none"> Review, develop, and introduce a hatchery standardization program. Prepare a plan for domestication and breeding improvement for shrimp and marine fish and submit to the Bank Consult with stakeholders to review and finalize the design for Ninh Van SPF hatchery area, send the report to the Bank. Carry out a survey and propose plan for improving local hatcheries' standards Carry out an awareness and training program on hatchery standards. 	PCU/DOF/DA PCU/RIA1,2,3 Khanh Hoa PPMU/DOF/PCU PPMUs/DARDs PPMUs/DARDs	Nov 30, 2012 Nov 30, 2012 Nov 30, 2012 Nov 30, 2012 Nov 30, 2012	Delayed Completed In progress Delayed Delayed
7	<p><u>B3</u></p> <ul style="list-style-type: none"> Review and finalize the lists of equipment proposed by DONRE including technical specifications. Prepare bidding documents to procure the equipment. Prepare and implement a risk-based water quality monitoring plan, send the plan to the Bank. 	PPMUs/PCU/ DONRE PPMUs/DONREs PPMUs/DONREs	Nov 30, 2012 Dec 31, 2012 Nov 30, 2012	In progress In progress In progress

8	<p><u>C1</u></p> <ul style="list-style-type: none"> Select fishing communities to be implemented co-management in Year 1. Conduct meetings at selected fishing communities to facilitate the preparation of co-management plans. Carry out an awareness raising campaigns. Hold a co-management workshop in Khanh Hoa Review and finalize the lists of equipment to procure for strengthening the provincial MCS. 	<p>PPMUs/DARDs</p> <p>PPMUs/Local GOV</p> <p>PPMUs/DARDs</p> <p>PCU/Khanh Hoa</p> <p>PPMUs/DARDs</p>	<p>Nov 30, 2012</p> <p>Dec 31, 2012</p> <p>Dec 31, 2012</p> <p>Nov 1, 2012</p> <p>Nov 30, 2012</p>	<p>Completed with delays</p> <p>In progress</p> <p>Delayed</p> <p>Completed</p> <p>In progress</p>
9	<p><u>C2</u></p> <ul style="list-style-type: none"> Finalize the technical design of the landing sites/fishing ports implemented in Year 1. Submit to the Bank the bidding documents and associated safeguards documents. Carry out a study tour to Japan. 	<p>PPMUs/PCU/DOF</p> <p>PPMUs</p> <p>PCU/PPMUs</p>	<p>Nov 30, 2012</p> <p>Nov 30, 2012</p> <p>Mar 31, 2013</p>	<p>Completed with delays</p> <p>In progress</p> <p>In progress</p>
10	<p><u>D1&D2</u></p> <ul style="list-style-type: none"> PCU to engage technical staff and technical departments of DOF in technical activities Assist PPMUs in a timely and provide comments/responses with 2 weeks. Hold monthly (or bi-monthly) meetings among PPMUs. Organize M&E training workshop for PPMUs. Develop and implement an Impact Evaluation 	<p>PCU/DOF</p> <p>PCU</p> <p>PCU/PPMUs</p> <p>PCU/PPMUs</p> <p>PCU/PPMU</p>	<p>Immediately</p> <p>Immediately</p> <p>Immediately</p> <p>Nov 30, 2012</p> <p>Jan 31, 2013</p>	<p>In progress</p> <p>In progress</p> <p>In progress</p> <p>Delayed</p> <p>In progress</p>
11	<p><u>Procurement:</u></p> <ul style="list-style-type: none"> Allow both options for PPMUs: (i) send the documents to PCU for review before sending to Bank for review; or (ii) send them directly to the Bank for review. 	<p>PCU/PPMUs</p>	<p>Immediately</p>	<p>In progress</p>
12	<p><u>FM</u></p> <ul style="list-style-type: none"> Advise the Bank on the authorized agencies who will assume the Internal Audit function Send TORs for consulting packages of (i) Financial Management Software Upgrade, (ii) External Audit and (iii) Internal Audit Capacity Building to the Bank. Organize disbursement training 	<p>APMB/DARDs</p> <p>PCU</p> <p>PCU/PPMUs</p>	<p>Nov 15, 2012</p> <p>Nov 15, 2012</p> <p>Nov 15, 2012</p>	<p>Completed</p> <p>Partially completed</p> <p>Completed</p>
13	<p><u>Safeguard Staffing.</u></p> <ul style="list-style-type: none"> Recruit additional staff to ensure at least one staff for environmental safeguards and one for social safeguards 	<p>PCU/PPMUs</p>	<p>Nov 30, 2012</p>	<p>Completed</p>
14	<p><u>GEF:</u></p> <ul style="list-style-type: none"> Seek endorsement from concerned ministries to process the GEF AF 	<p>MARD/SBV/MPI/MOF</p>	<p>Nov 15, 2012</p>	<p>Completed</p>

Annex 2. Project Impact Evaluation Plan

The impact evaluation will cover the overall impact of the project, and will also test two mechanisms to discover how to best implement co-management schemes. The two mechanisms are increasing external surveillance, and providing incentives for community enforcement.

The overall impact evaluation will take place in the majority of CRSD communes, excluding those which have already begun operations and others of particular difficulty which PPMUs would like to exclude. Of those communes selected, half will be randomly chosen to start co-management in 2013, while the other half will wait to begin until 2014. These communities will serve as short-term controls. Additionally, DIME will choose additional communities that are not part of CRSD as long-term controls. These communities will be chosen based on the eligibility scores calculated by the PPMUs.

Half of the communities that begin operation in 2013 will be randomly assigned to receive additional **community incentives**. Communities in this group will be ranked (by the PPMUs) on a number of factors on their success with co-management. Top-ranked communities in each province will receive prizes of additional budget for community improvements, and study tours.

Half of the communities that begin operation in 2013 will be randomly assigned to receive **enhanced surveillance** by government patrol boats. This selection will be independent from the community incentives randomization. PPMUs will ask patrol boats to give additional surveillance to selected communities, and these communities will also work closely with patrol teams to share their co-management plans.

The IE of the mechanisms will employ a **2x2 crossed randomization design** to look at both mechanisms while maximizing power with a limited sample. This involves randomly allocating each commune into treatment and control, separately for each type of incentive offered. Assuming 80 total communes, this means:

	Increased Surveillance	NO Increased Surveillance
Community Incentives	20	20
NO Community Incentives	20	20

The main outcome variables (and their method of collection) to be studied in the impact evaluation are:

- Knowledge and application sustainable fishing practices (household surveys)
- Quality of catch (household surveys)
- Conflicts (household surveys and administrative data)
- Income from fishing and other occupations (household surveys)
- Citations for illegal fishing practices (administrative data).