

Work Plan Year 2 (up to July 2011- June 2012) for SPC

Component and Activity	SPC Budget Input	Cost Esti. (Euro)	Indicative Imp. Period	Progress and Comments
Component 1. Domestic Tuna Fisheries Development				
1.1 Assist with Fishery Development Strategies: This task will continue the work of DevFish 1 focusing on implementation of three existing action plans, and the development of new plans with strong stakeholder input and a focus on environmental sustainability covering both fishing and processing.	Staff-FDO	4,000	Ongoing	This activity will be implemented by FFA.
Regional Initiatives				
1.1.1 Economic analysis of international and regional trade agreements: High level consultations with fisheries and trade officials analysing economic implications of international and regional trade agreements, with a secondary objective to strengthen ties between and within ACP fisheries and trade portfolios.			February/March 2012	Timing and agenda for meeting will be determined by progress in the Economic Partnership (EPA) negotiation.
1.1.2 Regional Investment Facilitation: Project assistance will include investment and project feasibility analysis and environmental impact and monitoring				Likely inputs are staff related. Expenditure could be at any time depending on country

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<p>assessment. These activities are designed to support investment policy and facilitation consolidation at the national level including support of REI investment transactions. The work goes hand in hand with an FFA program to enhance national level programs in support of enhanced competitive advantage in tuna fisheries and processing through the development of clear investment policies.</p>			<p>Will require consultancy and inputs from FFA staff. TOR to be developed and consultancy tendered</p>	<p>request and priorities</p>
<p>1.1.3 Regional transshipment study: FFA members have identified a priority need to review purse seine and long line transshipment arrangements, with specific consideration of how economic benefits to members from transshipment might be improved, assess compliance monitoring capacity and compliment port state measures.</p>		October/November 2011	<p>PNG request to FFA for a consultancy to undertaken this work. Budgeted as national activity in the next section below.</p>	
<p>1.1.4 Sectoral Training Need Analysis:</p> <p>The project will provide strategic assistance to members in the formulation of TNAs and associated planning for capacity building activities across the fisheries sector.</p>		October 2011 Ongoing		<p>This activity allows for</p>

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1.1.5 Catch Documentation Scheme: The project will monitor and assist existing initiatives within FFA to provide resources for technical inputs into the development of FFA members' Catch Documentation Scheme (CDS) for tuna fisheries. It will involve an initial consultative process and subsequent testing of CDS methodology. It is likely that CDS development will be further assisted in subsequent work plans and the year one input will be limited to a progress monitoring role.			July – September 2011	TNA support to other members based on receipt of requests. No expenditure envisaged until JPF money is expended. MCS Specialist will provide assistance to FFA preparations and input to members involved in the WCPFC CDS working group.
1.1.6 Participate in the Pacific Tuna Forum: In response to a request from Papua New Guinea, the project will sponsor Pacific Island Tuna Industry Association (PITIA) and fishing industry association participation in the Pacific Tuna Forum.				Cost share activity. FFA to cover event sponsorship and airfares for PITIA members. SPC to cover DSA and conference registration. PNG Official request to sponsor. TL to attend and present paper. The project will operate a display and information booth at Forum.

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<p>1.1.7 Communication Strategy for FFA Tuna Industry Intelligence Study:</p> <p>This major study assessed industry and market drivers on the global tuna supply chain. The communication strategy will assist with the publication and distribution of this study as well as work with FFA to devise methodologies for the ongoing provision of industry and market intelligence.</p>		July – September	<p>A copy of study has been supplied to EU and the project will be credited with publication. The study provides an excellent benchmark for project monitoring. A contract has been signed for publication and this work is in progress as at early August.</p> <p>Publication anticipated in September.</p> <p>Initial work will be focused in the Solomon Island in support of ongoing work being undertaken by FFA.</p>	
<p>1.1.8 Investment Planning Training and Analysis:</p> <p>Several countries have identified a need to improve capacity within Government to analyze and critique investment proposals and business plans. Project resources will be utilized in support of investment planning analysis training through the development of a workshop program.</p>	Ongoing			
<p>1.1.9 Harmonized Southern Albacore Fishery Management:</p> <p>In 2011 there has been was a consolidation of Te Vaka Moana and the Melanesian Spearhead Group (MSG) towards improved management and development of the</p>	Ongoing	No expenditure envisaged in reporting period.	<p>Actions for this activity will primarily comprise planning and consultation.</p> <p>There is a possibility of a similar study to the Te Vaka Moana value study</p>	

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Southern Albacore Fishery, this included the consolidation of onshore processing for Albacore caught in the region. The project will provide technical assistance to these agencies in consolidating approaches to the development and management of the fishery.				being conducted for MSG.
1.1.10 FFA Electronic Documents and Records Management System (eDRMS): In the Devfish 1 project, a need was identified to improve project communications and the distribution to stakeholders of project results. While this is taken into account in the project communications strategy, a need has been identified to improve the electronic record keeping system within FFA as a means to ensuring more effective information distribution to stakeholders. This study will be undertaken to examine options for the introduction of an Electronic Documents and Records Management System (eDRMS) within the agency.	No confirmed			This activity is conceptual and will be further developed in the reporting period for further implementation in the following year.

Year 1 target progress against result areas

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<ul style="list-style-type: none"> • Fisheries and Trade Officials updated on the economics of fisheries trade • Transhipment study completed and options for transhipment benefit reviewed • Two investment policies in formulation process • CDS development progressed with FFA members • Pacific Tuna Forum attended by at least five industry personnel • Supply chain study published and widely distributed • Strategy in place for investment analysis training 				
National Activities				
11.11 Solomon Islands Tuna Fisheries Management and Development Strategy: Solomon Islands has submitted a request for support in the preparation of a Tuna Fisheries Management and Development Strategy. This will include a longline development plan and a FAD management		August to October 2011		Official request from Solomon Islands MFMR for inputs from preferred consultants – Simon Tiller and Robert Lindley to undertake initial work on longline licensing and tuna

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plan. The project will provide resources for consultancy inputs to develop the plan and associated economic analysis of plan implications.				longline management plan.
1.1.12 Cook Islands Offshore Fisheries Development Plan:		September/December 2011		It is envisaged that this work will be undertaken by FFA staff.
The Cook Islands has submitted a request to the project for technical and advisory assistance in the preparation of an Offshore Fisheries Development Plan. As with the Solomon Islands, the project will provide resources for consultancy inputs for development of the plan and associated economic analysis of plan implications.		Ongoing for next 6 months		This activity will involve technical assistance from FFA staff as well as a component of in-country TA for activity coordination.
1.1.13 Samoa tuna fisheries economic performance indicators: Samoa has submitted a request to support the implementation of a project to determine economic performance indicators for the Samoa tuna longline fishery. The project will provide support for consultancy inputs for economic analysis based on a detailed data collection strategy.				
1.1.14 Tuvalu Tuna Fisheries Development and Management Plan:		February 2012		Activity will be undertaken by project and FFA staff.
As with the Solomons and Cook Islands,				

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<p>Tuvalu has requested assistance in the drafting of a tuna fisheries development and management plan.</p> <p>1.1.15 PNG Training Needs Analysis:</p> <p>PNG has submitted a request for assistance in conducting a sector wide TNA study. The project will provide consultancy and secretariat support to activity in the areas of vessel operations and MCS.</p>			August/September 2011	<p>Specific request for Grant Camie to carry out vessel operations analysis work. FFA staff to conduct MCS analysis as a component of activity 2.2.1.</p>
<p>Year 1 Target Progress Against Result Areas:</p> <ul style="list-style-type: none"> Two fisheries development plans in the process of formal adoption One fisheries sector training needs analysis study completed and reported 				
<p>1.2 Improve Transparency in Systems and Procedures:</p> <p>This task will involve strengthening industry associations and artisanal fishers' representation, and providing training and advice on fishing access agreements and licenses to national government staff.</p>	<p>Staff-FDO - 25,000</p> <p>Travel: - 21,500</p> <p>Regional TA: - 58,000</p> <p>National TA: - 9,000</p> <p>Communications- Equipment &S - 3,000</p> <p>Consumable - 13,000</p> <p>- 4,000</p>			<p>Budget for this activity will be divided between SPC and FFA based on which agency has available funds to support the activity.</p>

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Regional Initiatives				
1.2.1 Support to the Pacific Island Tuna Industry Association: A consultative meeting with representatives of National Fishing Industry Associations and the Pacific Island Tuna Industry Association (PITIA) was hosted in Nadi, Fiji during April. This meeting considered priorities and options for project support to both PITIA and to National Associations. The main issue identified for both PITIA and National Associations was financial sustainability. The meeting agreed that PITIA needed further support in its role representing industry and National Associations and regional fisheries forums and conveying information to membership. As such, it was agreed that the project should provide interim fiscal support for an initial 12 months towards the effective operation of the PITIA secretariat in the provision of services to members.		Ongoing service contract for PITIA	Cost share activity. FFA and SPC to co-fund contract with PITIA to provide services to national associations and industry members.	
1.2.2 Association sustainability study: A consultancy study on financial and organisational sustainability options for both PITIA and National Associations. This study will review funding and		September/October 2011	This will be an SPC supported consultancy.	

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organisational measures adopted by fishers representative associations in a range of developed and developing countries and provide guiding recommendations as to what strategies may be appropriate for PITIA and the National Associations.				SPC supported activity subject to outcomes of activity 1.2.2.
1.2.3 Association strategic plans: Following the publication of the sustainability study (1.2.2), the project will facilitate a workshop (or series of workshops) on the development of National Association strategic plans. It is envisaged that these plans will include the agreed strategies and actions required to work toward Association sustainability. The workshops will also assist in further defining the most appropriate strategies for further project support to National Associations.		February March 2012	SPC supported activity subject to outcomes of activity 1.2.2.	

Year 1 Target Progress Against Result Areas:

- PITIA information collection and dissemination systems in place
- Association sustainability study

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completed and distributed				
<ul style="list-style-type: none"> • Association strategic planning workshop completed and at least four national association work plans adopted or in the process of adoption 				
National Activities				
1.2.5 Strategic support for Fisheries Associations:		January to June 2012		Activities not yet planned. Budget is indicative only. Activities will be determined in strategic planning processes.
			Ongoing	Supplement to FFA Development Division budget only.
1.2.6 Access negotiations: The project will, based on country requests, provide strategic technical assistance to supplement FFA core programs to assist members in the negotiation of access agreements. This will include economic analysis and negotiation strategy.				
1.2.7 Solomon Islands Tuna Industry Association: The Solomon Islands fishing industry has indicated an interest in establishing a national association. Project technical		Ongoing		SPC supported activity. Specific support actions yet to be determined.

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<p>assistance and advice will be provided to the national steering committee charged with association development</p> <p>In response to a request from Papua New Guinea, the project will sponsor Pacific Island Tuna Industry Association (PITIA) and fishing industry association participation in the Pacific Tuna Forum.</p>			August-September 2011	<p>Cost share activity. FFA to cover event sponsorship and airfares for PITIA members. SPC to cover DSA and conference registration.</p> <p>PNG Official request to sponsor. TL to attend and present paper. The project will operate a display and information booth at Forum.</p>

Year 1 Target Progress Against Result Areas:

- Plans in place for strategic support to National Associations
- FFA supported in at least two national access arrangement consultations
- Solomon Islands Association established and officers elected

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1.3	Provide Technical Assistance to Competent Authorities: Support will be provided for meeting requirements associated with sanitary inspection and EU catch certification (anti-IUU fishing) requirements.	Staff (FDO) -	4,000	Ongoing	SPC staff inputs during internal process
Regional Initiatives					
1.3.1	Establishment of Competent Authorities: Technical services will be provided to FFA members seeking to establish a Competent Authority (CA) to meet the necessary legal and regulatory framework for CA development and associated CA operational systems and guidelines.			Ongoing	This activity will be undertaken utilising both regional TA and FFA staff inputs. Countries to be included will initially be FSM, Kiribati, Marshall Islands, Cooks, Vanuatu and Tonga
1.3.2	CA Auditor Training: A number of common themes have been identified between countries that already have an established CA (PNG, Solomon Islands, Fiji) and countries that are in the process of CA establishment (Vanuatu, Kiribati, Marshall Islands, Federated States of Micronesia, Cook Islands). One key			October to December, 2011	Requires tender for Regional TA. Some parallel inputs from SPC (non Devfish).

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<p>priority area is the development and delivery of a standardised CA Auditors training program that can be delivered on an annual or bi-annual basis with the support of project resources. The project will take already developed training resources and expand these to meet this need.</p> <p>1.3.3 Thermal processing auditing:</p> <p>Another common theme which will be addressed by the project on either a regional or sub-regional basis is the delivery of certified training in retort and thermal processing auditing. This will require the identification of suitable recognised and certified delivery agents and the subsequent delivery of an annual training program in an agreed regional location.</p> <p>1.3.4 CA quality management systems:</p> <p>A further theme in CA capacity building is the need for training and certification in CA related quality management systems. The project will explore options for the cost effective delivery of such training and undertake strategic support for training</p>			January/February 2012	Requires tender for Regional TA. Some parallel inputs from SPC (non Devfish). Activity requires prior completion of curriculum.
			April/May 2012	Requires tender for Regional TA. Some parallel inputs from SPC (non Devfish). Activity requires prior completion of curriculum.

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1.3.5 Seafood Technology Tertiary Program: There is currently no regional institution that delivers a degree level qualification in food technology with a seafood food science major. The University of Technology in PNG offers a well respected degree in food technology but this does not include seafood related studies. Currently more than 70% of the food technology degree program graduates take up employment in the seafood industry. The project will provide assistance to scope the resources and requirements to develop a seafood component of the Unitech program and link this to the existing capacity in practical and technical seafood safety training at the PNG National Fisheries College.	No expenditure envisaged in the reporting period	January 2012 ongoing	Actions in this activity during the reporting period will comprise planning and consultation. In country work undertaken will be done so in conjunction with other in country assignments. The project will work closely with SPC's seafood safety specialist.	
1.3.6 CA laboratory access: An early study will be taken to look at laboratory access options for those countries where a CA is under development to determine the most cost effective option to access laboratory services. This will build on an earlier study undertaken by		July 2011	Desktop review to be completed by the end of August. Further work in support of laboratory related capacity building will be planned based on outcomes and	

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DevFish 1. For countries where laboratories are established, efforts will be made to continue to build capacity through collaborative training activities supported by the project which may also include provision of key equipment items.				recommendations from the review.
1.3.7 CA study tours and attachments: In order to promote collective approaches to problem solving in CA development scenarios, the project will support small study tours and exchange exercises between CA's and developing CA's. This may include provision for attachment training in developed CA environments.	February 2012			This activity will be implemented based on country requests. SPC (non Devfish) will assist with this task. In the current project year, actions will focus on planning and assessing study tour and attachment opportunities
1.3.8 CA external audits: The project will provide assistance to established and developing CA's through the provision of external audits that will assist countries in preparation for full EU audit visits.	September/October 2011			SPC (non Devfish) will assist with this task. This has been notified as a priority by PNG.
Year 1 Target Progress Against Result Areas:				<ul style="list-style-type: none"> • Legal and regulatory documentation prepared for at least two countries

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<ul style="list-style-type: none"> • CA operational systems prepared for at least two countries <ul style="list-style-type: none"> • Curriculum in place for standardised Auditor and retort training and first courses delivered • Curriculum in place for standardised quality management training • Strategy in place for support to laboratories • Plans in place for at least two training attachments • At least 1 external audit completed and reported. 				
National Activities				<p>1.3.9 In country CA development:</p> <p>FFA has requests from Vanuatu, Kiribati, Marshall Islands, Federates States of Micronesia and the Cook Islands for technical and advisory support in the CA establishment process. This includes the drafting of legislation and regulation, appointment and training of CA personnel and establishment of CA operating</p> <p>Budget covered under regional activities in 1.3.1 and 1.3.2 above.</p> <p>Ongoing inputs over 12 months</p> <p>Work will progress according to the CA development process sequence of cumulative inputs.</p>

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<p>practices and procedures. These requests will be facilitated by the project on an as required and due process basis. This will include technical assistance in undertaking audits and preparing for EU CA assessment.</p> <p>1.3.10 Country specific CA capacity building:</p> <p>Specific CA capacity building requests have been received from PNG and the Solomon Islands. Much of the content in these requests will be covered in the regional and sub regional initiatives outlined above. This will be combined with selected work attachments in support of specific needs identified within the CA's. For PNG, an external audit of CA systems and procedures has been requested. This will also encompass environmental monitoring and reporting practices.</p>				<p>Budget covered in ongoing regional and sub-regional activities in 1.3.1 and 1.3.2 above.</p>
<p>1.3.11 EU IUU and flag state processes:</p> <p>Several countries (Marshall Islands, FSM, Vanuatu) have requested FFA assistance in clarifying with EU the specific and potential requirements of Flag States in providing appropriate documentation for EU endorsement of EU IUU documentation</p>				<p>September/December 2011</p> <p>Activity relates to the determination of CA roles in relation to IUU regulation. Will likely require a delegation to EU in the first instance.</p>

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as supplied by the Flag State. It is intended the project will provide technical resources to enable clarification of required documentation and processes. This may also be extended other countries on an as requested basis.				
Year 1 Target Progress Against Result Areas:				<ul style="list-style-type: none"> • Legal and organisational framework for new CA's in place in at least two countries • At least one external audit completed and reported • EU IUU Flag State documentation procedures understood and implemented in at least two countries <p>1.4 Provide Training to Industry for Expansion of Exports In parallel with support to CA's, this task will train fishing companies to improve vessels and fish handling practices to achieve sanitary standards (provided that such activities do not lead to increases of total catches).</p> <p>Activity is responsibility of SPC</p>

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Regional Initiatives				
1.4.1 Structured seafood processing training:			July 2011 – ongoing	Activity to be developed by SPC.

A comprehensive training program for industry in support of CA and EU market access compliance has been developed in Papua New Guinea over the past 10 years and is delivered by the PNG National Fisheries College (NFC), a Division of the National Fisheries Authority. The program includes teaching resources and assessment materials for courses for vessel crews, process plant workers, process plant supervisors and process plant managers. The NFC program also includes Hazard Analysis and Critical Control Point (HACCP) training at basic, intermediate and advanced levels. The project will explore options to promote the PNG courses as a more regional standard approach to industry training. This will be developed through an initial series of national level activities (see below).

Year 1 Target Progress Against Result

Areas:

- At least two training courses delivered utilising resources already

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developed in PNG				
<ul style="list-style-type: none"> • Domestic fleet upgrade requirements assessed in at least one country 				
National Activities <p>1.4.2 National Fisheries Development:</p> <p>The Solomon Islands tuna cannery operator, National Fisheries Development Ltd (NFD) has requested assistance in the delivery of HACCP training for cannery supervisors and food safety training for vessel crew. As with the Fiji initiative, it is envisaged that this work will initially be undertaken by teaching staff from the PNG NFC. It is likely that this work will also require external consultancy for program validation. This work may also include support for personnel exchanges to allow NFD personnel to become familiar with cannery operations in other locations (ie – PNG).</p> <p>1.4.3 Solomon Islands University internship program: The Solomon Islands have expressed an interest to have the project support industry work attachments for Solomon Island</p>	October 2011 February – May 2012	Meetings conducted with NFD and cannery management to determine specific needs and timing for inputs. This activity will be developed in consultation with Solomon Islands industry and the Ministry of Fisheries and Marine		

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<p>students enrolled in the Diploma/Degree in Marine Resources at the University of Natural Resources and Environment in Papua New Guinea. This would contribute to their graduate development training program.</p> <p>PNA members crewing facilitation:</p> <p>The Parties to the Nauru Agreement (PNA) countries (PNG, Solomon Islands, Palau, Marshall Islands, FSM, Kiribati, Nauru and Tuvalu) have agreed to implement a mandatory requirement of 10% PNA crewing of all purse seine vessels fishing in PNA waters commencing in January, 2012. The project will provide strategic assistance to Kiribati in establishing PNA crewing agency offices and facilities in Kiribati. In support of this initiative, the project will support the development of capacity in Kiribati to undertake purse seine vessel crew training in accordance with adopted PNA standards. This activity may also be extended to other PNA countries and will include the organisation of workshops to liaise the implementation of the new requirements with the DWFNs'.</p>			September - December 2011	The project will work in consultation with PNA members, the PNA Office and DWFNs to develop this activity.	Resources.
<p>1.4.5</p> <p>PNG processing sector training development:</p>			September 2011 ongoing		Depends on receipt of requests based on the

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<p>In Papua New Guinea there are likely to be at least 7000 new fisheries and processing related jobs coming on stream in the next two years. The project will provide assistance to PNG companies in planning for this expansion and exploring options for effective training for new employees. This will be identified in the PNG training needs analysis study that the project will support.</p> <p>1.4.7 Processing sector social accountability documentation:</p> <p>PNG cannery operators have expressed an interest to work with the project on developing social accountability practices and audits within the processing sector. This is likely to include social accountability documentation, proactive community level awareness and HIV awareness.</p>			<p>September 2011 – ongoing</p>	<p>Identified as a priority by PNG – request not yet received. Project will re-publish awareness material on HIV/AIDS.</p>

Year 1 Target Progress Against Result Areas:

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<ul style="list-style-type: none"> • HACCP course delivered in Solomon Islands • PNA crewing requirements conveyed to all DWFN's • PNG TNA completed • Social responsibility documentation in place in at least two large processing facilities 				Budget for this activity will be divided between SPC and FFA based on which agency has available funds to support the activity.
1.5 Provide Technical Assistance and Training for Fishing Companies Focusing on small and medium enterprises, work will focus on management issues and skill shortages constraining growth and profitability.		4,000	Ongoing	
Regional Initiatives				February – June 2012 Activities yet to be scheduled.
1.5.1 SME training:	The project will look to develop and offer short course training through regional institutions in key areas identified in consultation with Small and Medium Enterprises (SME's) and National Fisheries Associations. This may include aspects of business management and development and market access and fisheries value adding.			

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<p>There will also be a focus on women in fisheries business which will include both business and technical skills.</p> <p>1.5.2 Training for vessel engineers:</p> <p>For many domestic vessel operators, securing well qualified senior personnel in engineering fields (hydraulics, refrigeration and electrical systems) is an ongoing challenge. It is envisaged that the project will source options for short course training in these key technical areas as well as towards officer certification and provide support for access to such training on an as identified basis.</p>	February – June 2012	<p>Actions for this activity in the reporting year will primarily focus on planning and the assessment of training access options. A short consultancy assignment may be undertaken to consider options for the most cost effective delivery of training.</p>		<p>This activity will be coordinated with SPC through the SPC maritime program in Fiji. Actions for this activity in the reporting year will primarily focus on planning and the assessment of options to implement the review. A short consultancy assignment may be undertaken to consider</p>
<p>1.5.3 Fishing vessel crew certification review:</p> <p>Domestic fishing fleets in the Pacific Region are required to operate their vessels in accordance with the South Pacific Maritime Code (SPMC). This Code was primarily designed for the operation of merchant shipping vessels and not fishing vessels. As a result the level of qualification required for fishing vessel operation is, in many cases, not appropriate to the operating requirements of the vessels and does not take into account the fisheries</p>	November 2011 on-going			

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specific nature of fishing vessel crew qualifications. A study will be undertaken to consider process and input requirements needed to undertake a review of the SPMC. This will be proposed with a view to updating the Code to meet current international standards and reflect the real needs of fishing vessel crew training and certification.			November 2011-ongoing	Depends on country request
1.5.4 Equipment to meet CA vessel audit standards:	In order to meet CA vessel audit standards, many domestic vessels may need to upgrade systems and equipment. Consideration will be given to strategic support for vessel equipment upgrades such as refrigeration temperature monitoring.	No expenditure envisaged during the reporting period.	February – June 2012	Apart from the Marshall Islands request for publication assistance (1.5.12), actions under this activity have yet to be developed and the main inputs for the year will focus on consultation and internal planning.
1.5.5 Fishing Industry profile:	The project will focus on lifting the profile of the fishing industry among PIC's and raising public opinion of the industry both in terms of development and investment potential. This will include support for publications and fishery information fact sheets. An initial request to support the publication of an investment promotion			

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<p>portfolio has been received from the Marshall islands (see 1.5.12).</p> <p>SME development:</p> <p>The project will offer assistance to SME's in business planning and development including options for access to finance. This may include contributions towards cost shared capital items for key small scale infrastructure development.</p>	No expenditure envisaged during reporting period.	February to June 2012	Activity yet to be developed so no budget allocated at this stage. Year 1 inputs will comprise internal planning for implementation in year 2.	Activity yet to be developed so no budget allocated at this stage. Year 1 inputs will comprise internal planning for implementation in year 2.

Year 1 Target Progress Against Result Areas:

- SME training strategy established in at least one country
- Curriculum and delivery strategy for at least two technical short courses in place
- Plan in place for a review of the South Pacific Maritime Code as it relates to fishing vessels
- Domestic vessel HACCP compliance and upgrade requirements assessed for at least one domestic fleet and upgrading strategy in place
- At least two countries engaged in

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crew employment domestication strategies		March 2012		This activity is subject to receipt of a request from Samoa Ministry of Fisheries. Activity not yet planned.
National Activities				
1.5.7 Samoa Port development: Samoa have indicated an interest in establishing another port outside the main port of Apia so that their domestic fleet can land fish on the other side of the island and not have to travel the large distance back to Apia. It is anticipated this may be undertaken by a local fishing company with government assistance and technical expertise under DevFish funding. This expertise would involve the provision of pre-feasibility advice on wharf construction, on-shore processing and storage facilities as well as assisting with the identification of suitable funding sources to finance the overall project.			August 2011 Ongoing	Official request received. In country TA initial workshop completed and reported and planning for a follow up program is underway.
1.5.8 Fiji vessel crew HACCP training: The Fiji Tuna Boat Owners Association has requested the development of a flexible training program to undertake delivery of seafood safety and HACCP training to vessel crews during in port turnaround periods. It is envisaged that the project will support the development of such a program				

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in collaboration with teaching staff from the PNG NFC and subsequently linked to the Fisheries School of the Fiji National University.			September/October	Requires official request.
1.5.9 MSC assessment technical assistance: The Fiji Tuna Boat Owners Association (FTBOA) is entering into Marine Stewardship Council (MSC) certification for their Albacore longline fishery in a process that has been supported by FFA. The project will look to provide key technical assistance in the MSC process for the FTBOA and for other PIC groups adopting eco-labelling and other sustainable fisheries and branding strategies.		Ongoing	Activity yet to be developed and no budget allocated at this stage. Inputs in the project year will comprise internal planning for activity implementation in the following year.	
1.5.10 PNG SME market supply chain: In PNG there are plans to develop better market supply chains for artisanal caught tuna through newly formed cooperative arrangements and strategic business partnerships. The project will assist with the facilitation of market chain development.			October 2011 – ongoing	Requires official request.
1.5.11 PNG SME HACCP compliance: PNG has also identified a need to provide technical assistance to SME's in HACCP				

Component and Activity	SPC Budget Input	Cost Esti. (Euro)	Indicative Imp. Period	Progress and Comments
technical compliance and suggested the utilisation of a domestic consultant to conduct SME HACCP training and assessment			September, October 2011	Request received and quotations requested.
<hr/>				
<p>1.5.12 Marshall Islands Industry Promotion and Investment Publication: The project has received a request from the Marshall Islands to assist with the publication of industry promotional fact sheets designed to promote industry profile and encourage investment.</p> <p>Year 1 Target Progress Against Result Areas:</p> <ul style="list-style-type: none"> • Samoa wharf project underway and key project inputs identified • Key support provided to Fiji MSC process and documented accordingly • Market chain economic analysis for SME in Morobe, PNG reviewed and reported • SME HACCP compliance mitigation in PNG under implementation and reported 				

	Component and Activity	SPC Budget Input	Cost Esti. (Euro)	Indicative Imp. Period	Progress and Comments
1.6	Conduct Pilot Projects Introducing New Technologies Projects may include trials of palm oil as boiler fuel in processing plants the trial of other clean technologies and replacement of 2-stroke with 4-stroke engines for artisanal fisheries.	Staff (FDO) Travel: Regional TA: Pilot project: Communication: Equipment &S Consumable	8,000 4,000 4,000 5,000 2,000 7,000 1,000	January 2012 – ongoing	Budget for this activity will be divided between SPC and FFA based on which agency has available funds to support the activity.
1.6.1	Fishing and processing systems energy audits:	The project will adopt a general theme of promoting energy efficiency in fisheries. The concept of energy audits will be introduced and tested in case studies whereby fishing systems are audited to ascertain potential energy (fuel) saving efficiencies. These will then be subject to economic analysis to determine energy efficiency cost recovery scenarios. Based on the case study results the project will look to support the further promotion and implementation of energy audits, both for fishing operations and onshore processing facilities.			Tender will be advised for initial energy audit study.
1.6.2	Albacore fishery whale interaction study:				October 2011 Country request received by FFA.

Component and Activity	SPC Budget Input (Euro)	Cost Esti. (Euro)	Indicative Imp. Period	Progress and Comments
Support will be provided to a sub-regional study of whale interaction mitigation methodologies in the tuna long line fishery. Fiji reports annual loss to whales in the tuna longline fishery equating to 20 million Fijian dollars and work on depredation mitigation has been proposed as a high priority.			March 2012	Actions during the reporting period in relation to this activity will primarily comprise activity planning and no budget expenditure is envisaged in the reporting period.

1.6.3 Alternative fuels:
Under the first DevFish project, support was provided for the development and testing of coconut oil fuel for fisheries applications. The results of this initial work were encouraging. It is envisaged that technical assistance will be provided for initiatives in support of alternative fuel applications in both processing and vessel operations on an as requested basis.

1.6.3

Actions during the reporting period in relation to this activity will primarily comprise activity planning and no budget expenditure is envisaged in the reporting period.

Year 1 Target Progress Against Result Areas:

- At least one energy audit completed and reported and strategy determined for further application
- Initial whale depredation field work completed and reported

Component and Activity		SPC Budget Input	Cost Esti. (Euro)	Indicative Imp. Period	Progress and Comments
National Activities					
1.6.4	Samoa fuel use evaluation: Samoa has requested assistance in evaluating fuel efficiency options for the domestic tuna fleet. This includes the potential for vessel re-powering with more fuel efficient engines and the possibility of utilising sail systems in the small boat offshore fishery. It is intended that the results of the Samoa study will have application in other countries and may result in similar requests being submitted to the project.		May 2012		Activity in planning process.
1.6.5	PNG boiler fuel evaluation: In PNG, Frabelle PNG is conducting experimental boiler operations using coconut shells. It is envisaged that the project will provide assistance to Frabelle in the performance analysis of the alternative boiler fuel.		March 2012		Activity yet to be developed. Likely inputs for project year to be planning and early evaluation undertaken by project staff.
		Year 1 Target Progress Against Result Areas:			
		<ul style="list-style-type: none"> • Fuel efficiency options for Samoa domestic fleet evaluated and reported 			

Component and Activity	SPC Budget Input (Euro)	Cost Esti. (Euro)	Indicative Imp. Period	Progress and Comments																						
<ul style="list-style-type: none"> • Frabelle PNG boiler fuel project evaluation strategy agreed and in place 				This activity is to be implemented by SPC.																						
1.7 Support Operations <p>These activities shall not lead to increases of total catches. Working with small-scale fishers associations established or supported under DevFish, provide training and services to artisanal tuna fishers and small scale processors supplying local markets.</p>	<table> <tr> <td>Travel:</td> <td>-</td> </tr> <tr> <td>Regional TA:</td> <td>-</td> </tr> <tr> <td>Communication:</td> <td>-</td> </tr> <tr> <td>Equipment &S</td> <td>-</td> </tr> <tr> <td>Consumables</td> <td>-</td> </tr> </table>	Travel:	-	Regional TA:	-	Communication:	-	Equipment &S	-	Consumables	-	<table> <tr> <td>Staff (FDO)</td> <td>14,000</td> </tr> <tr> <td>Travel:</td> <td>11,000</td> </tr> <tr> <td>Regional TA:</td> <td>5,000</td> </tr> <tr> <td>Communication:</td> <td>2,000</td> </tr> <tr> <td>Equipment &S</td> <td>7,000</td> </tr> <tr> <td>Consumables</td> <td>1,000</td> </tr> </table>	Staff (FDO)	14,000	Travel:	11,000	Regional TA:	5,000	Communication:	2,000	Equipment &S	7,000	Consumables	1,000		
Travel:	-																									
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Regional TA:	5,000																									
Communication:	2,000																									
Equipment &S	7,000																									
Consumables	1,000																									
Regional Initiatives			October 2011- Ongoing	Actions under this activity will integrate with existing initiatives in both the SPC and FFA work program.																						
1.7.1 Small scale tuna fisheries assessment: There is strong interest in a number of countries in enhancing methods for small scale artisanal tuna fishing through the wider deployment of near shore fish aggregating devices (FADs) and trialling of alternatives to trolling such as hand line and pole and line. This goes hand in hand with an interest to test Indonesian style bait catching methods in selected locations. The project will provide technical and operational support to fishing trials and FAD deployment strategies. Activities																										

Component and Activity	SPC Budget Input (Euro)	Cost Esti. (Euro)	Indicative Imp. Period	Progress and Comments
<p>undertaken in this component will be designed to promote fishing effort transfer and will not result in increased overall catches.</p> <p>1.7.2 Sea safety and small scale tuna fisheries: There is an ongoing need to provide training to artisanal fishers in safe vessel operations including operational plans, emergency response, outboard mechanics, seafood handling, small business management and fishing methodology. Strategic assistance will be provided in support of national requests for such training. A standardised training package based on existing courses will be prepared and promoted and publicity material already prepared by SPC will be reproduced and distributed.</p>			<p>November 2011 - Ongoing</p>	<p>This work builds on existing SPC programs in support of small scale fishing operations. It is envisaged that this program will build on the Small Fishing Operations short course already established at the PNG National Fisheries College.</p>
<p>1.7.3 Small scale sports fishery development: Several countries have expressed an interest to examine opportunities for the establishment of small scale sports fisheries targeting tuna and tuna like species and develop a wider framework of established marine protected areas. This potentially provides an improved return to fishers from catching less fish. It is envisaged that one or two pilot programs may be developed</p>			<p>February 2012</p>	<p>Niue and Nauru have expressed an interest to assess options for sports fisheries development. This activity requires further consultation with stakeholders.</p>

Component and Activity	SPC Budget Input (Euro)	Cost Esti. (Euro)	Indicative Imp. Period	Progress and Comments
and tested.				
Year 1 Target Progress Against Result				
Areas:				
• Artisanal tuna development activities underway in at least two countries and progress and results documented and reported.				
• Small fishing operations course delivered in at least two locations.				
Vessel safety awareness material reprinted and distributed.				
• Sports fishing assessment conducted and reported in at least one country				
National Activities				
1.7.4 In country small scale tune fishing assessment: Solomon Island, PNG, Kiribati, Marshall Islands and Tuvalu have requested assistance with testing bait fishing methods and small scale tuna fishing methods. The project will provide technical, logistic and material assistance for these programs in association with existing SPC and FFA initiatives.	Budget covered under regional allocation in 1.7.1 above.	October 2011-ongoing		Specific request yet to be received. Activity requires coordination with existing FFA and SPC initiatives.
1.7.5 Palau small scale tuna fisheries training:		Budget covered	February 2012	Draft submission received from

Component and Activity	SPC Budget Input (Euro)	Cost Esti. (Euro)	Indicative Imp. Period	Progress and Comments
<p>Palau has requested a series of short course training programs for safe small boat operations in offshore fisheries. It is intended that these would integrate with FAD fishing method training as outlined in 1.7.1 and 1.7.2.</p> <p>PNG inshore FAD program:</p> <p>PNG has indicated a need for assistance in the coordination and implementation of a national strategy for near shore FAD deployment as a means of promoting food security. This may extend to analysis of market supply chains from rural fisheries through the expanded role of fisheries cooperatives with key support from the private sector as is currently planned for Morobe province.</p>	<p>under regional allocation above.</p> <p>Budget covered under regional allocation above.</p>	<p>under regional allocation above.</p> <p>April 2012</p>	<p>Activity yet to be developed.</p>	<p>Palau but requires further refinement in terms of scope.</p>
<p>Year 1 Target Progress Against Result Areas:</p> <ul style="list-style-type: none"> • Artisanal tuna fisheries development activities underway in at least two countries and progress reported • Short course training completed in Palau and reported • Implementation of FAD program commenced and role of project 				

Component and Activity	SPC Budget Input (Euro)	Cost Esti. (Euro)	Indicative Imp. Period	Progress and Comments
defined				

Component 2: IUU Deterrence				
2.1 Enhance Implementation of the Regional Monitoring Control and Surveillance Strategy to Combat Illegal Unreported Unregulated (IUU) Fishing	Staff (IUU)	5,000	Ongoing	Activity is responsible by FFA SPC staff input in internal planning process
<i>The Regional Monitoring Control and Surveillance Strategy 2010 – 2015 (RMCSS)</i> was adopted by Pacific Islands Fisheries Forum Leaders in May 2010. The vision of the RMCSS is:				<p><i>“An efficient and effective MCS framework in the Western and Central Pacific Ocean region which supports the sustainable management of tuna resources and maximises the economic returns and social and development benefits, while minimising adverse environmental impact”</i></p> <p>Through the RMCSS, FFA member countries have collectively identified MCS outcomes that will require regional collaboration and</p>

cooperation as well as national action. The following components support implementation of the RMCSS. Combined with activities under the SCIFISH project these components will contribute to the implementation and maintenance of a comprehensive MCS program for the prevention, deterrence and elimination of Illegal, Unregulated and Unreported fishing (IUU).

Regional Initiatives

2.1.1	National MCS Strategies: A key component of the RMCSS is the development, resourcing and implementation of National MCS strategies. Several countries have requested assistance in this regard and it is envisaged that both technical (in house) and consultancy resources will be applied to national strategy development.	October 2011 Ongoing	Template guidelines for National MCS developed within FFA, led by the MCS Specialist. The guidelines are currently subject to peer review with leading maritime academics and experts after which they will be trialled with Cook Islands ¹ and Tonga who have this as an identified priority need.
2.1.2	National Compliance Analysis Engines & the Regional Information Management Facility: This component includes the establishment of	October 2011 Ongoing	The Regional Information Management Facility builds on existing systems and is

¹ The Cook Islands has requested project assistance to develop and consolidate a National MCS plan, a national fisheries information management system and a standard MCS Operating Manual addressing all MCS agencies and actions.

'compliance analysis engines' at the national level and a Regional Information Management Facility (RIMF) within FFA. These systems will be supported by technical assistance directed towards analytical capability and is closely related to Component 2.3.1.

undergoing a process analysis to maximise integrated and compatible regional and national data holdings.

A RIMF taskforce has been established with members of FFA IT, Operations and SPC staff.

National compliance analysis engines are at the first phase of establishing systems to collect necessary information (TUFMAN). A second phase will be the analysis of such information.

2.1.3 FAO Port State Agreement:
To support the intent and further signatories to the FAO Port State Agreement and related instruments, this component offers targeted assistance to countries on implementation strategies. This may include workshops, legal drafting and in-country implementation advice.

October 2011
Ongoing

This activity will integrate with existing initiatives within the FFA Fisheries Management Division.
The MCS Specialist is a lead advisor on this issue to ACP countries attending WCPFC meetings.

Initial support in this activity has already been provided to Timor Leste and reported to EU.
In the reporting period, FAO

Port State support actions will be limited to advisory services and there is no budget expenditure envisaged.

Year 1 Target Progress Against Result Areas:
<ul style="list-style-type: none"> • Two National MCS strategies developed and operational. • RIMF enhancements for analysis and intelligence support to MCS activities • Implications of the Port State Measures agreement are considered by ACP Countries.

Component & Activity	SPC Budget Input Head	Cost Est. (euro)	Indicative Imp. Period	Progress and Comments
2.2 Identify and Remedy Technical, Legal and Capacity Shortfalls In the implementation of the RMCSS technical, legal and capacity shortfalls will be identified and addressed. This may take the form of training programmes, legislative reviews, feasibility studies trialling new technologies, and/or planning for the acquisition of new enforcement assets. The use of data provided by the Vessel Monitoring Systems (VMS) already installed under other	Staff (IUU)	5,000	Ongoing	Activity is responsible by FFA SPC Staff input internal planning process

	ongoing projects will continue to be developed.	
Regional Initiatives		
2.2.1	Regional MCS Training Needs Analysis (TNA): As part of the plan to implement the RMCSS, a detailed (TNA) has been identified as a key activity to identify priorities for MCS related training and technical assistance. The project's MCS Specialist will take a lead role in this study which will also utilise international consultants with expertise in MCS related training. The regional TNA will include a compilation of country specific TNA studies.	October – December 2011
2.2.2	Priority Training: Based on the findings of the TNA (Item 2.2.1), this component will initiate and support the delivery of short course training in priority key need areas. This may be evidence and investigation training, boarding and inspection procedures, MCS data analysis, or new technology applications.	February 2012 Ongoing
2.2.3	National Licensing Administration: Strategic support with initiatives directed towards the standardisation of National fisheries licensing policies, processes and procedures.	February 2012 Ongoing
2.2.4	Legal Assistance:	Ongoing
		Actions for this activity in the reporting year will be focused on planning and liaison. No expenditure is envisaged in the reporting year.
		Actions for this activity in the reporting year.

	This component provides strategic assistance to and complements FFA's core legal services program which provides comprehensive legal services to members for legislative review and drafting.	
2.2.5	<p>Supplement Consolidated and Coordinated Fisheries Observer Programs:</p> <p>With the WCPFC move to 100% coverage for purse seine fisheries observers in WCPO waters, FFA and SPC have been instrumental in the development and implementation of the Pacific Island Regional Fisheries Observer (PIRFO) training and development program. FFA and SPC have also been instrumental in the development of Observer Train the Trainer, Observer Debriefers and Observer Coordinator programs in both regional and national contexts. The project will supplement SPC and FFA resources to ensure resources are in place to continue with the consolidation and coordination of Fisheries Observer programs at all levels.</p> <p>Support is to be provided to Observer Program Audit Processes with a focus on compliance issues and Observer safety and operational protocols.</p>	<p>Initial Observer debrifer training consultancy already commenced. Ongoing support to consolidate regional standards for observers, debriefers and trainers required. Project resources will supplement and enhance FFA and SPC core resources for fisheries observer program development.</p>
2.2.7	<p>Surveillance Communications:</p> <p>The project will trial operational communications systems between MCS</p>	<p>August 2011 Ongoing</p> <p>Pilot phase commenced in July 2011 with FSM having a priority need for updated communication</p>

	enforcement assets with a view to ensuring that gaps are filled and appropriate systems are in place for effective communication and information management.	
2.2.8	At sea monitoring: Assistance testing new communication technology for fisheries observers and industry in a move towards electronic forms and at-sea data entry. This may include FAD tracking, and e form development and utilisation.	November 2011 Ongoing
2.2.9	GEOEYE SEASTAR: Trialing of satellite based fisheries information and environmental indicators such as GEOEYE SEASTAR technology will be undertaken in order to enhance predictive intelligence spatial fishing effort.	November 2011 Ongoing
2.2.10	Internship Program: In cooperation and collaboration with the Australian National Center for Ocean Resources and Security (ANCORS) and other appropriate institutes of higher learning, the project will explore the feasibility of funding support for PIC students interested in obtaining a Master's Degree in Fisheries Policy. As well, opportunities for supporting internships at FFA for furthering the professional development of PIC student Master's	Initial scoping discussions have taken place with a number of countries for implementation in the next project year. Negotiations commenced with the service provider, SeaStar, to implement a trial program.

candidates will be explored.

**Year 1 Target Progress Against Result
Areas:**

- MCS TNA study completed and reported
 - At least two MCS short courses delivered
- The number of certified Observer Debriefers is doubled and Observer Training audit procedures are in place
- Communications between MCS enforcement assets improved and documented
- GEOEYE SEASTAR technology evaluated and reported
- Formal arrangements advanced for FFA-sponsored internships of PIC students seeking advanced fisheries degrees.

Component & Activity	SPC Budget Input	Cost Est. (euro)	Indicative Imp.Period	Progress and Comments
2.3 Integrated Assessment of Enforcement and Fisheries Databases	This task will integrate fisheries data with the FFA's Regional Fisheries Surveillance Centre (RFSC) for the development of fused surveillance data. Analysis of integrated data will address IUU fishing issues such as unreported fishing which otherwise goes undetected, preventing accurate accounting of equipment & S	Staff (IUU) Travel: Regional MCS: Pilot project: National MCS: Communication: Equipment & S	60,000 26,000 15,000 22,000 47,000 2,000 7,000	This activity will be implemented and funded by SPC.

	actual catches for stock assessments and to inform at-sea surveillance and enforcement programs.	Consumable	<u>3,000</u>
Regional Initiatives			
2.3.1	National MCS Data Analysis: In support of the Regional Information Management Facility (RIMF) this component provides support to the development of fisheries information analytical capabilities at the national and regional level through the work of the MCS Specialist and IUU Liaison Officer.	July 2011 ongoing	This activity has commenced with a series of country visits to undertake hardware and software integration between in-country MCS agencies and provide training in TUFMAN MCS reporting.
2.3.2	Information Technology (IT): The project IUU Liaison Officer has commenced work on the integration of IT systems at the national level between MCS agencies and their connections to SPC and FFA. This includes the supply and installation of both hardware and software systems and the consolidation of the TUFMAN software as the standard regional reporting tool. This work includes the comparison of VMS data with licensing and catch databases and the identification of exception reporting routines. The project will assist with a strategy to consolidate all vessel databases (WCPFC, FFA, SPC, etc.) into one system as a component of the RIMF. This will enhance	July 2011 ongoing	

<p>capacity towards an approach for investigating patterns that identify potential IUU fishing using the regional databases.</p> <p>2.3.3</p> <p>IUU Identification and Analysis Training:</p> <p>In support of RIMF the project will support systems operation and application training at the national level as well as in sub-regional courses. This will include the operational use of TUFMAN MCS and other specifics that will be identified in the TNA study and in national level consultations.</p>	<p>October 2011 ongoing</p> <p>In country training has commenced under 2.3.2. Sub regional training currently being planned for implementation in 2012.</p>
<p>Year 1 Target Progress Against Result Areas:</p> <ul style="list-style-type: none"> • National level MCS IT systems integrated in at least 4 countries and data analysis training provided and reported • At least one sub-regional training course delivered on TUFMAN MCS <p>2.4 Integrated Enforcement Action</p> <p>Promotion of regional integration of MCS operations through real-time information exchange and joint operations with US Navy, Australian Defence Force, New Zealand Defence Force, and French Navy as well as MCS agencies operating in the region.</p>	<p>5,000</p> <p>Ongoing</p> <p>SPC Staff input in internal planning process</p>

Regional Initiatives			
2.4.1	<p>Regional Operations: The RFSC is established and operational within FFA and plays the lead role in the coordination of multilateral regional surveillance operations. Through the work of the MCS Specialist and the Director of Fisheries Operations, the project will provide strategic support to enhancement of the planning and execution of these regional MCS operations. This may include the participation of representative members in operational coordination meetings, additional new information management systems, and the evaluation of operational performance.</p>	Ongoing	<p>Actions under this activity will be integrated into the operational planning of the Fisheries Operations Division and will primarily focus on building national capacity in operations coordination.</p>
2.4.2	<p>MOU's in support of National MCS Strategies: At the national level, the project will seek to assist in building MCS cooperation between various national agencies through formalized MOU's and other cooperative instruments which will support the development and implementation of National MCS strategies and promote a "whole of government" approach to MCS operations. This will include the development of harmonized regional Standard Operating Procedures and associated training.</p>	Ongoing	<p>Work on this activity will be integrated with actions under activity 2.1.1 relation to national MCS strategies</p>

Year 1 Target Progress Against Result
Areas:

<ul style="list-style-type: none"> • Enhanced regional surveillance operations supported and documented • MCS coordination MOU's in place in at least one country 			
Component & Activity	SPC Budget Input: (euro)	Cost Est. (euro)	Indicative Imp.Period
<p>3.0 Project Communications Strategy</p> <p>Staff (FDO) Staff (IUU) Communication(Consultancy): Equipment &S Consumable</p>	<p>7,500 7,500 16,000</p>	<p>3,000 1,000</p>	<p>Ongoing</p> <p>Both agencies have project communication and visibility strategies in place</p>

Communication Strategy:

The project has adopted the communications strategy developed in phase 1. Since project commencement a range of project promotional materials have been prepared and distributed. This includes a brochure, a DVD, drop down banners, stickers, t shirts and caps which will continue. Project information has been posted on both the FFA and SPC websites. It is intended that all project reports will be

SPC have already awarded a contract for project communications specialist and FFA is in the process of tendering a contract.

available through the websites and sent directly to countries. Project activities will be reported to the media on an ongoing basis and project implementation highlights for inclusion in magazine stories will be prepared and released on at least 3 occasions during the year. In order to ensure effective implementation of the communications strategy, the project will tender a consultancy to ensure the communication strategy is delivered effectively.

Component & Activity		SPC Budget Input.	Cost Est. (euro)	Indicative Imp.Period	Progress and Comments
4.0	Project Management & Coordination	Staff (FDO) Staff (IUU) Meetings: Consumable	7,500 7,500 10,000 800	October/Nov 2012	The next half yearly project planning and coordination consultation between FFA and SPC project team and senior management staff of both agencies is schedule in second quarter.