



European Union



Secretariat of the Pacific Community

**EU EDF 9 B Scientific Support for Oceanic Fisheries Management in the Western and Central Pacific Ocean (SCIFISH)**

**Provisional 2008 Work Plan and Cost Estimate  
(1<sup>st</sup> January 2008 – 31<sup>st</sup> December 2008)**

**Implemented by: Secretariat of the Pacific Community (SPC)**

**Funded by: 9<sup>th</sup> European Development Fund B Envelope**

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## **1. PURPOSE**

This is a provisional Work Plan for 12 months and covers the period 1 January 2008 to 31 December 2008. It is provisional as further amendments in terms of targets and performance indicators are anticipated following review by the Regional Steering Committee.

The provisional Work Plan sets out the main activities to be undertaken by the Secretariat of the Pacific Community to implement the both the ACP and OCT Components of the project. This WP will close in December 2008.

## **2. BACKGROUND**

The project purpose is to provide a scientific basis for regional and national oceanic fisheries management decision-making by the Western and Central Pacific Fisheries Commission and by Pacific ACP and OCT Governments..

The overall objective is the conservation and sustainable use of oceanic fish resources of the western and central Pacific Ocean..

## **3. SUMMARY OF KEY RESULT AREAS**

The expected results of the project, which will achieve the project purpose, are enhanced oceanic fishery monitoring in Pacific ACPs, and OCTs and in the Commission Convention Area generally; enhanced assessments of the status of oceanic fish stocks and the impacts of fishing upon them; and enhanced understanding of the pelagic ecosystem that supports oceanic fish stocks, including the ecosystem impacts of fishing.

#### 4. PROJECT ACTIVITIES AND INDICATORS

Over the course of 2008 this Work Plan the focus will be on the following:

PROJECT ACTIVITY	INDICATORS ACP COMPONENT	INDICATORS OCT COMPONENT
<b>Project Administration</b>		
Recruitment	<ul style="list-style-type: none"> <li>- Port Sampling and Observer Coordinator recruited</li> <li>- Port Sampling and Observer Training Officer recruited</li> <li>- Fisheries Technician (Tuna Tagging) recruited</li> <li>- Ecosystem Modeller recruited</li> </ul>	<ul style="list-style-type: none"> <li>- Fisheries Scientist (Albacore Biologist) recruited</li> <li>- Fisheries Oceanographer recruited</li> </ul>
Finance	<ul style="list-style-type: none"> <li>- Project bank account and internal accounting systems established</li> <li>- Year 1 audit and financial reports completed</li> </ul>	
Monitoring & Evaluation	<ul style="list-style-type: none"> <li>- Establish Project Steering Committee</li> <li>- Present project and WP to PSC</li> <li>- Prepare six-monthly and annual progress reports</li> </ul>	
<b>Result 1: Enhanced Oceanic Fishery Monitoring</b>		
1.1 Observer/port sampling workshops	<ul style="list-style-type: none"> <li>- National observer training courses conducted in PNG (3) and Solomon Islands</li> <li>- Sub-regional observer training courses conducted for Micronesia and Polynesia</li> <li>- Regional Observer Coordinator's Workshop conducted</li> </ul>	<ul style="list-style-type: none"> <li>- National observer training courses in New Caledonia (NC) and French Polynesia (FP)</li> </ul>
1.2 Training attachments	<ul style="list-style-type: none"> <li>- 4 fishery monitoring attachments to SPC</li> </ul>	<ul style="list-style-type: none"> <li>- Wallis &amp; Futuna (WF) training attachment to SPC</li> </ul>
1.3 Operational support for observer/port sampling programmes	<ul style="list-style-type: none"> <li>- Review/development of fishery monitoring support MOUs with ACPs</li> <li>- Provision of operational support as per MOUs</li> </ul>	<ul style="list-style-type: none"> <li>- Port sampling &amp; observer support NC and FP</li> </ul>
1.4 Quality control of observer/port sampling data	<ul style="list-style-type: none"> <li>- Development of Competency-Based Observer Training (CBT) documentation</li> <li>- Observer debriefing and debriefing training conducted</li> </ul>	<ul style="list-style-type: none"> <li>- Development of French version of CBT documentation</li> <li>- Observer debriefing and debriefing training conducted</li> </ul>
1.5 Develop and trial new technologies for enhancing quality of data and timeliness of data collection		
1.6 Develop harmonised fisheries monitoring / data sharing protocols		
1.7 Undertake compliance audits and IUU risk assessments	<ul style="list-style-type: none"> <li>- Assessments undertaken for 8 ACPs (FFA)</li> </ul>	
1.8 Develop and implement methodologies to verify fisheries data		
1.9 Develop and trial new technologies, including satellite based technologies for the detection of IUU fishing activities	<ul style="list-style-type: none"> <li>- Pilot study prepared and contracting completed</li> <li>- Acquisition, interpretation of satellite images</li> <li>- Analysis of targets against VMS and other reports</li> <li>- Written report documenting pilot results</li> </ul>	<ul style="list-style-type: none"> <li>- Pilot study prepared and contracting completed</li> <li>- Acquisition and interpretation of satellite images</li> <li>- Analysis of targets against VMS and other reports</li> <li>- Written report documenting pilot results</li> </ul>
<b>Result 2: Enhanced Stock Assessments</b>		

2.1 Large-scale conventional and electronic tagging / biological studies	<ul style="list-style-type: none"> <li>- Preliminary tagging cruise Solomon Islands completed</li> <li>- Operational plan for regional tag-release programme in 2008 established</li> <li>- Regional tagging preparation – vessel charter, equipment purchase, fishing approvals, short-term staff contracting completed</li> <li>- Regional tagging cruise #1 completed</li> <li>- Tag recovery procedures implemented</li> <li>- Data processing conducted</li> </ul>	<ul style="list-style-type: none"> <li>- Feasibility desk study and operational plan for albacore tagging completed</li> <li>- Possible trail albacore tagging in PNG pump boat fishery</li> <li>- Planning and preparation for sub-tropical albacore tagging (NZ, eastern subtropical convergence zone) completed</li> <li>- Sampling design established for age/growth, reproductive biology and vertical habitat utilization studies</li> <li>- Sampling programmes, data processing commenced</li> </ul>
2.2 Analysis of tagging, biological and fishery oceanographic data		
2.3 Incorporate data / analytical results into stock assessment models		
<b>Result 3: Enhanced Understanding of the Pelagic Ecosystem</b>		
3.1 Ecosystem model development and enhancement	<ul style="list-style-type: none"> <li>- Modelling services provider contracted</li> <li>- SEAPODYM model development documented</li> <li>- Parameterised SEAPODYM models completed for skipjack, yellowfin and bigeye tuna</li> </ul>	<ul style="list-style-type: none"> <li>- Parameterised SEAPODYM model completed for South Pacific albacore</li> </ul>
3.2 Use of models for research / management applications		

## 5. 2008 RESULTS

The results projected for 2008 are:

1. All administrative requirements of the project, including recruitment, financial and reporting arrangements, are in place.
2. Progress as detailed above in enhancing oceanic fishery monitoring through the delivery of observer & port sampling training, operational support and data quality control procedures.
3. Progress in combating IUU fishing through the completion of national IUU risk assessments and the conduct of two pilot studies (ACP and OCT) to investigate the application of satellite-based technologies for the detection and deterrence of IUU fishing.
4. Progress as detailed above in enhancing stock assessments through the collection of new data through tagging and other biological studies.
5. Progress as detailed above in enhancing understanding of the pelagic ecosystem and the impacts of fishing thereon, through the development and enhancement of large-scale ecosystem models.

## 6. BUDGET

The budget for this Work Plan from January 2008 to December 2008 is estimated at €1,290,000 for the ACP component and €710,500 for the OCT component (Total €2,000,500).

A breakdown of this overall cost in terms of is set out below.

2008 Project Activities (as per Contribution Agreement)	Cost (€) ACP	Cost (€) OCT
1. Technical Assistance	240,000	213,500
2. MCS Activities	210,000	60,000
3. Travel	29,000	38,000
4. Equipment	45,000	64,000
5. Tagging Operations	475,000	0
6. Training	15,000	8,000
7. Observer and Port Sampling Operations	30,000	238,000
8. Data Processing and IT Support	110,000	20,000
9. Administrative Support	42,000	13,000
10. SPC Overhead	84,000	46,000
11. Contingencies	10,000	10,000
12. Evaluation	0	0
<b>Total</b>	<b>1,290,000</b>	<b>710,500</b>

### 1. *Technical Assistance*

A sum of **€453,500** is provided to support positions recruited by the project – Port Sampling and Observer Coordinator, Port Sampling and Observer Training Officer, Ecosystem Modeller, Fisheries Technician (Tuna Tagging) (**ACP Component**), Fisheries Scientist (Albacore Biology) and Fisheries Oceanographer (**OCT Component**).

### 2. *MCS Activities*

A sum of **€270,000** is provided to fund a series of activities in Monitoring, Control and Surveillance, to be implemented by FFA (**ACP Component**) and the Government of New Caledonia (**OCT Component**).

### 3. *Travel*

A sum of **€67,000** is budgeted to facilitate travel related to project activities.

### 4. *Equipment*

A total of **€109,000** is allocated for the purchase of necessary items of equipment required by the project, primarily for the conduct of tuna tagging and biological sampling activities.

### 5. *Tagging Operations*

A total of **€475,000** is allocated for tagging operations, including vessel charter and operations, tag rewards, publicity, etc.

#### 6. *Training*

A total of **€23,000** is allocated towards miscellaneous costs associated with the delivery of port sampling and observer training.

#### 7. *Observer and Port Sampling Operations*

A total of **€268,000** is allocated to the operational support of port sampling and observer programmes in the region. Such funding is spent in-country to support primarily local manpower costs associated with these activities.

#### 8. *Data Processing and IT Support*

A total of **€130,000** is allocated to data processing and IT support, primarily for the costs related to data entry, scientific computer programming support and website development and maintenance.

#### 9. *Administrative Support*

A total of **€55,000** is allocated for project administrative support, primarily office consumables, part-costs of employment of a Project Administrator and the costs of independent audit.

#### 10. *SPC Overhead*

A total of **€130,000** is budgeted for SPC project management fees, calculated at 7% of total direct costs.

#### 11. *Contingencies*

An amount of **€20,000** has been allocated for contingency costs.

#### 12. *Evaluation*

Evaluation for the project by the European Commission is scheduled in the second year of the project.

### 7. COST ESTIMATE

This project duration is approximately four years (2008-2011) to be implemented with a total budget of **€6,610,000** broken down as follows:

	DIRECT COSTS	€ - ACP	€ - OCT
1	Technical Assistance	1,080,000	853,000
2	MCS activities	480,000	100,000
3	Travel	150,000	112,000
4	Equipment	134,000	138,000
5	Tagging Operations	1,200,000	350,000
6	Training	90,000	24,000

7	Observer and Port Sampling Operations	90,000	714,000
8	Data Processing and IT Support	330,000	60,000
9	Administrative Support/Audit	129,000	42,000
	<b>TOTAL DIRECT COSTS</b>	<b>3,683,000</b>	<b>2,393,000</b>
	<b>INDIRECT COSTS</b>		
10	Indirect Costs (7% of Direct costs)	258,000	167,000
11	CONTINGENCIES	26,000	30,000
12	EVALUATION	33,000	20,000
	<b>TOTAL COST ESTIMATE</b>	<b>4,000,000</b>	<b>2,610,000</b>

## 8. PROJECT IMPLEMENTATION

The implementation of the Project will be undertaken by the Oceanic Fisheries Programme (OFP) of the SPC. The OFP will provide overall project support through the OFP Manager and the respective OFP section heads (Statistics & Monitoring, Stock Assessment & Modelling and Ecosystem Assessment & Monitoring Sections). Project activities will be integrated into annual OFP work plans.

A Project Steering Committee (PSC) will be set up to decide and approve the orientation and the course of the Project. The Directors of Fisheries (or equivalent) from each of the participating countries and territories (or their delegated representatives) will form the PSC and will meet at least once per year, or on an ad hoc basis whenever necessary. The European Commission and the RAOs will be invited to attend as observers. SPC will act as Secretariat for the PSC.

Over the course of Project implementation, SPC will maintain accurate records of all administrative and financial transactions (with the support of SPC Corporate Services) and will incorporate this data/information into an appropriate reporting format consistent with the requirements of the Contribution Agreement.

## 9. MONITORING AND EVALUATION

### 9.1 Performance Monitoring

SPC will undertake regular monitoring of the project indicators and will report to the Project Steering Committee in accordance with the requirements of the Contribution Agreement. Monitoring will include the financial and technical aspects of the project. An annual audit of the project will be undertaken by independent auditors. Project staff contracted by SPC will also be subject to performance appraisals as part of SPC's Performance Management System.

## **9.2 Monitoring Indicators and Milestones**

The table contained in Section 4 of this Work Plan identifies indicators against which progress will be monitored.

## **9.3 Audit and Evaluation**

Audit and evaluation will be undertaken in accordance with the relevant provisions of the Contribution Agreement.

10. SIGNATURES

Agreed by:

  
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**Dr. Jimmie Rodgers**  
Director General  
Secretariat Of the Pacific Community

  
SECRETARIAT  
GÉNÉRAL DE LA  
COMMUNAUTÉ  
DU PACIFIQUE

.....  
Date

Approved by:

  
.....  
**Feleti P. Teo**  
Deputy Secretary General and  
Deputy Regional Authorising Officer  
Pacific Islands Forum Secretariat

  
FORUM SECRETARIAT

05/02/08  
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Date

Endorsed by:

  
.....  
**Wiepke Van Der Goot**  
Head of Delegation\*  
European Union, Suva

  
DELEGATION OF THE EUROPEAN COMMISSION  
FOR THE  
PACIFIC  
EUROPEAN  
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Date