



IMPROVED MANAGEMENT AND CONSERVATION OF CRITICAL WATERSHEDS PROJECT

QUARTERLY REPORT
(April 1 – June 30, 2010)



IMPROVED MANAGEMENT
AND CONSERVATION OF CRITICAL WATERSHEDS PROJECT

QUARTERLY REPORT

April 1– June 30, 2010

CONTRACT NO. EPP-I-00-04-00023-0

This report is made possible by the support of the American People through the United States Agency for International Development (USAID). The contents of this report are the sole responsibility of DAI and do not necessarily reflect the views of USAID or the United States Government.

Title: FY 2010 Q3 QUARTERLY REPORT (April 1- June 30, 2010)

Program, activity, or project name and number: USAID Improved Management and Conservation of Critical Watersheds

Contract No. EPP-I-00-04-00023-00

Strategic objective number: 519-022

Contractor name: DAI

Implemented by

Development Alternatives (DAI)

Christopher Kernan

Project Director

Improved Management and Conservation of Critical Watersheds

Avenida Dr. José Zablah, 4-6 Col. Utila

Sta. Tecla, La Libertad, El Salvador

Phone (503) 2288-4198, (503) 2288-4318

Cell (503) 7468-1125

Email: kit_kernan@DAI.com

CONTENTS

CONTENTS	3
TABLES	5
FIGURES	5
ACRONYMS	6
A. EXECUTIVE SUMMARY	7
B. INTRODUCTION	10
C. IMPROVED MANAGEMENT OF MONTECRISTO NATIONAL PARK	10
INTRODUCTION.....	10
INFRASTRUCTURE REHABILITATION.....	11
MNP ZONING AND CARRYING CAPACITY	11
MNP EDUCATION, COMMUNICATION, AND TECHNICAL TRAINING	11
<i>Communication</i>	11
<i>Technical Training</i>	11
ECONOMIC ALTERNATIVES AND MITIGATION	12
<i>Tourism</i>	12
<i>Cypress and pine harvest</i>	12
<i>Microenterprises – Bamboo artisanry</i>	13
<i>Microenterprises – Tourism guide group</i>	14
<i>Microenterprises – Cocina de Montecristo</i>	14
<i>Microenterprises – Trail-building and landscape restoration</i>	14
FINANCIAL SUSTAINABILITY	14
<i>MNP Business Plan</i>	14
<i>MNP Concessions Plan</i>	14
D. SPECIES-BASED CONSERVATION ON LOWER WATERSHEDS NARRATIVE	15
INTRODUCTION.....	15
ENVIRONMENTAL EDUCATION, COMMUNICATION, AND TECHNICAL TRAINING	15
<i>Environmental education</i>	16
<i>Sea turtle conservation publicity campaign</i>	16
<i>Technical training</i>	16
ECONOMIC ALTERNATIVES AND MITIGATION	16
<i>Tourism-based economic alternatives</i>	17
<i>Shellfish culture</i>	19
<i>Improved fishing</i>	19
<i>Agriculture & horticulture</i>	20
<i>Vocational training</i>	20
RESEARCH.....	21
<i>Conservation socio-economic survey of coastal communities</i>	21
<i>Sea turtle beach habitat characterization</i>	21
<i>Survey and mapping of sea turtle foraging areas</i>	22
<i>Survey of the sources of adult sea turtle mortality in El Salvador</i>	22
FINANCIAL SUSTAINABILITY	22

INSTITUTIONAL SUSTAINABILITY	26
NATURAL RESOURCE USE MAPPING IN THE BAHÍA DE JIQUILISCO	28
E. DELIVERABLE AND INDICATOR DATA: IMPROVED MANAGEMENT OF MONTECRISTO NATIONAL PARK	32
F. DELIVERABLE AND INDICATOR COMMENTS, CALCULATIONS, AND TIMELINE: IMPROVED MANAGEMENT OF MONTECRISTO NATIONAL PARK.....	34
G. DELIVERABLE AND INDICATOR DATA: SPECIES-BASED CONSERVATION OF LOWER WATERSHEDS	53
H. DELIVERABLE AND INDICATOR COMMENTS, CALCULATIONS, AND TIMELINE: SPECIES-BASED CONSERVATION OF LOWER WATERSHEDS.....	55
I. COMPONENT 2 FOLLOW-UP ACTIVITIES	73
LOS CÓBANOS BUOYS.....	73
TECHNICAL REVIEW AND REVISION OF FY 2006-2009 IMCCW INDICATORS	73
J. ENVIRONMENTAL SCREENING OF IMCCW FY 2010 ACTIVITIES	76
K. ADMINISTRATION	79
STTA VISITS	80
L. REFERENCES	81
M. FINANCIAL REPORT	81
N. ANNEX 1: ENVIRONMENTAL REVIEW REPORTS	82
IMCCW FY 2010 WORKPLAN TASK E.2.1.2: TRAIL BUILDING IN MONTECRISTO NATIONAL PARK. ...	82
IMCCW FY 2010 WORKPLAN TASK E.2.1.2: INFRASTRUCTURE REHABILITATION IN MONTECRISTO NATIONAL PARK.	87
IMCCW FY 2010 WORKPLAN TASK F.4.4.3: ECONOMIC MITIGATION AND ALTERNATIVES IN TORTUGUERO COMMUNITIES.....	93

TABLES

Table 1. Summary of infrastructure rehabilitation progress	11
Table 2. Technical Training Events in Montecristo National Park during FY 2010 Q2	12
Table 3. Revised timeline to develop a cypress harvesting plan and strategy for Montecristo NP and present it to MARN.....	12
Table 4. Summary of IMCCW education and technical training in Q3.....	16
Table 5. Summary of IMCCW investment in economic alternatives and mitigation activities in <i>tortuguero</i> communities.	17
Table 6. Sea turtle eggs collected, hatchlings released, and payments made in Q3.....	17
Table 7. FY 2010 Q3 status of IMCCW support to tourism microenterprises as economic alternatives.	18
Table 8. FY 2010 Q3 status of IMCCW support to <i>Cultivo de conchas</i> as an economic alternative.	19
Table 9. FY 2010 Q3 status of IMCCW support to <i>Pesca mejorada</i> as an economic alternative.	19
Table 10. FY 2010 Q3 status of IMCCW support to agriculture and horticulture as an economic alternative.	20
Table 11. FY 2010 Q3 status of IMCCW support to vocational training as an economic alternative.....	20
Table 12. 2010 baseline measurement of sea turtle beach habitat conditions.....	21
Table 13. Public-private alliances for sustainable sea turtle conservation financing in FY 2010 Q2.....	23
Table 14. Factors and weights in a GIS model of hawksbill range in the Bahía de Jiquilisco.	30
Table 15. Subcomponent E deliverable and indicator status	32
Table 16. Subcomponent F deliverable and indicator status.....	53
Table 17. Improved sea turtle beach management activities	62
Table 18. Current status of FY 2006-2009 indicator achievement. Percents in parentheses are as in IMCCW 2009 Annual Report.	73
Table 19. Environmental screening of IMCCW FY 2010 activities.....	76
Table 20. Administration activities in FY 2010 Q3.....	79

FIGURES

Figure 1. MNP cypress harvesting blocks, area, current value, and proposed harvesting years.....	13
Figure 2. Institutional structure proposed for a National Sea Turtle Conservation Program under FIAES.....	27
Figure 3. Bahía de Jiquilisco.	28
Figure 4. Threats to the ecosystems and natural resources in Bahía de Jiquilisco identified and mapped by Jiquilisco residents.....	29
Figure 5. Probabilistic hawksbill range within the Bahía de Jiquilisco.	30
Figure 6. Areas under improved natural resource management in the Bahía de Jiquilisco.	31
Figure 7. Deliverable and indicator achievement status of Subcomponent E: Improved Management of Montecristo National Park.....	33
Figure 8. Deliverable and indicator achievement status of Subcomponent F: Species-based Conservation of Lower Watersheds	54
Figure 9. Sea turtle beaches on the Salvadoran coast	61
Figure 10. Calendar of FY 2010 Q3 STTA visits.....	80

ACRONYMS

ADESCO	Asociación para el Desarrollo Comunitario
ANDA	Administración Nacional de Acueductos y Alcantarillados
ASPAGUA	Asociación de Profesionales en Agua
CENDEPESCA	Fishing and Agricultural Development Center (part of MAG)
CEPRODE	Centro de Protección para los Desastres
CESSA	Cemento de El Salvador SA
CITES	Convention on International Trade in Endangered Species
CONAMYPE	Comisión Nacional de la Mediana y Pequeña Empresa
DAI	Development Alternatives Inc.
DOI – ITAP	Department of Interior – International Technical Assistance Program
EAM	Economic Alternatives and Mitigation
EECT	Environmental Education, Communication, and Training
ETI	Inter-institutional Technical Team
FIAES	Initiative for the Americas Fund/ El Salvador
FUNZEL	Fundación Zoológica de El Salvador
FS	Financial Sustainability
GIS	Geographic Information System
GOES	Government of El Salvador
IMCCW	Improved Management and Conservation of Critical Watersheds
INSAFORP	Instituto Salvadoreño de Formación Profesional
IUCN	The International Union for the Conservation of Nature
ISTA	Instituto Salvadoreño de Transformación Agraria
LAC	Limits of Acceptable Change
MAG	Ministerio de Agricultura y Ganadería
MARN	Ministerio de Medio Ambiente y Recursos Naturales
MNP	Montecristo National Park
NFWF	National Fish and Wildlife Foundation
NGO	Non-Governmental Organization
PES	Payment for Environmental Services
RSS	Research Stewardship Strategy
SOW	Scope of Work
STTA	Short-term Technical Assistance
SWOT	Strengths, Weaknesses, Opportunities, Threats analysis
TNC	The Nature Conservancy
TOR	Terms of Reference
UAC	Unidad para la Atención a las Comunidades
USAID	United States Agency for International Development
WSPA	World Society for the Protection of Animals

A. EXECUTIVE SUMMARY

The USAID Improved Management and Conservation of Critical Watersheds (IMCCW) project provides technical services to improve natural resource management in areas of high biodiversity priority in El Salvador while also promoting responsible economic growth within those areas as a means to sustain better management. IMCCW started in November 2006 and is scheduled to end September 30, 2010. IMCCW Component 1, Conservation of Biodiversity in Critical Watersheds, improves landscape-scale natural resource management by creating biological corridors linking isolated elements of El Salvador's protected areas system. IMCCW Component 2, Increased Income from Environmentally Sustainable Activities and Services, reinforced the sustainability of improved natural resource management by promoting compatible economic activities within these corridors. Component 2 ended on September 30, 2009.

In FY 2010, IMCCW implements two new Subcomponents of Component 1 that apply the IMCCW signature combination of improved landscape-scale natural resource management and compatible economic development northward to Montecristo National Park and its periphery (Subcomponent E) and southward to El Salvador's coastal ecosystems (Subcomponent F). Both extension areas adjoin and integrate ecologically with the original IMCCW landscape in western El Salvador.

This report describes FY 2010 Q3 progress achieving E and F deliverable and indicator goals.

Component E: SUSTAINABLE MANAGEMENT OF MONTECRISTO NATIONAL PARK						
DESCRIPTION	LOP	Percent achieved				
		Q1	Q2	Q3	Q4	
DELIVERABLES					(Estimated)	
1. Park Business Plan	1 draft	60%	50%	70%	100%	
2. Park Decentralization Plan	1 draft	15%	40%	56%	100%	
3. Payment for Environmental Services Scheme	1 draft	12.5%	37.5%	62.5%	100%	
4. Research Stewardship Strategy for 20 years	1 draft	72%	80%	100%	100%	
5. Biodiversity research joint venture program with at least one academic institution from the U.S.	1 draft	60%	80%	100%	100%	
6. Concessions Management Plan	1 draft	30%	55%	77%	100%	
7. Standardized pay schedules for all park positions	1 schedule	21.5%	45%	54%	100%	
8. Visitor use carrying capacity assessment	1 assessment	40%	55%	90%	100%	
9. Top-of-the-line Park Website	1 website	50%	62.5%	100%	100%	
10. Assessment / feasibility study to determine actions with current park residents	1 assessment/feasibility study	40%	65%	75%	100%	
INDICATORS						
11. Number of hectares of biological significance under improved management.	1,450 ha.	34%	58%	91%	100%	
12. Park administration and financial system strengthened through sustainable increase of park income and complement of investments for long-term results.	100% of process leading to strengthening MNP administration and financial systems	65%	89%	152%	100%	
13. Visitation experience improved measured by increase in visitors and complement of investments.	100% of process leading to improved visitation experience	57%	94%	182%	100%	
14. Working relationship between MNP and 2 communities improved.	100% of process leading to MOU	55%	60%	87%	100%	
15. Number of key park personnel and local inhabitants trained in natural resource management and biodiversity conservation	75 MNP staff & local residents	Men	0	9	7	
		Women	0	17	22	
		Total	0%	37%	78.6%	100%
16. Number of local inhabitants and park personnel trained in solid waste management	30 park personnel	Men	0	0	0	
		Women	0	0	3	
		Total	0%	0%	10%	100%
	60 local	Men	0	0	37	

	inhabitants	Women	0	0	20	
		Total	0%	0%	100%	100%
17. Number of local volunteer park guides trained on orienting and educating tourists on park resources, activities and opportunities.	18 local residents	Men	0	16	16	
		Women	0	11	11	
		Total	0%	150%	150%	100%
18. Number of MNP brochures distributed	30,000 brochures		0%	76.6%	76.6%	100%
Average			35%	60.5%	82%	100%

*Average calculated setting all percentages over 100% to 100%.

Achievement of Subcomponent E deliverables and indicators is on schedule. Average achievement is 82% with a range from 56% for a MNP decentralization plan to 100% for Deliverables 4, 5, & 9 and Indicators 12, 13, & 17.

Particularly notable Subcomponent E successes in FY 2010 Q3 include:

1. Limits of Acceptable Change methodology applied to MNP carrying capacity completed and validated with MARN;
2. MNP re-zoning completed and validated with MARN;
3. Revised MNP regulations completed and submitted to MARN;
4. MNP infrastructure rehabilitation construction drawings and specifications completed;
5. MNP research stewardship strategy completed and approved by MARN;
6. MNP web site completed;
7. MNP biodiversity research collaboration signed between MARN and the College of Charleston under which graduate student Keith Hanson started field research on the reptile and amphibian ecological communities in the MNP cloud forest;
8. A socio-economic census of all households in Majaditas and San José Ingenio completed;
9. A complete survey of environmental issues knowledge, attitudes, and practices in Majaditas and San José Ingenio households completed with recommendations for an environmental education strategy;
10. Training and equipping of MNP guides completed;
11. Field work on the preparation of a harvesting plan for MNP cypress plantations completed;

Component F: Species-based Conservation of Lower Watersheds						
DESCRIPTION	LOP	Percent achieved				
		Q1	Q2	Q3	Q4	
DELIVERABLES					(estimate)	
19. Business and institutional development plan	1 plan	64%	90%	100%	100%	
20. Clear legislation for sea turtle conservation	1 draft	25%	100%	100%	100%	
21. Management Plans for protected beaches	2 draft management plans	36%	57.5%	85%	100%	
22. Manual on hatchery operation	1 manual	70%	100%	100%	100%	
23. Technical report on biological aspects of sea turtles and priority geographic areas for sea turtle conservation	1 technical report	30%	60%	64%	300%	
24. Nationwide marine turtle stranding network protocol	1 plan	52%	52%	100%	100%	
INDICATORS						
25. Number of kilometers of coastline under improved sea turtle management.	100 km	58%	124%	161%	161.5%	
26. Capacity of institutions to manage nationwide sea turtle research and conservation program increased.	1 organizational structure with 1 strategic plan	44%	71%	87.5%	100%	
27. Sea turtle egg consumption by San Salvador residents reduced.	25% reduction	355%	272%	272%	272%	
28. Protected beaches established through Executive Decree or equivalent	2 protected beaches	47%	75%	85%	100%	
29. Number of sea turtle hatchlings released through public and private partnerships increased.	300% increase	102%	112.8%	112.8%	130%	
30. A nationwide national marine turtle stranding network implemented.	1 network	12%	35%	70%	100%	
31. Number of public outreach campaigns	1 campaign	100%	100%	200%	200%	

implemented.						
32. Clear legislation or regulation that supports sea turtle breeding season bans on turtle egg consumption drafted	1 draft		25%	40%	70%	100%
33. Number of people trained from various institutions on sea turtle law enforcement and management.	150 people trained	Men	584	270%	465%	465%
		Women	131			
		Total	697			
34. Public and private hatchery network established with at least 20 ongoing and newly established hatcheries.	1 private and public hatchery network		32%	67.5%	100%	100%
Average*			61%	82%	94%	100%

*Average calculated setting all percentages over 100% to 100%.

Subcomponent F deliverables and indicators are also on schedule. Average achievement is 94% with a range from 70% for Indicator 32 (draft clear legislation or regulation that supports sea turtle conservation) to 100% for nine deliverables or indicators. IMCCW has prepared draft sea turtle conservation legislation in the form of model municipal ordinances and in Q4 will work to modify the model as needed for adoption by local municipalities. Deliverable 23 (Technical report on biological aspects of sea turtles and priority geographic areas for sea turtle conservation), at 64% complete, is on schedule to complete three technical reports, with at least two of these as papers ready to submit for peer-reviewed publication.

Particularly notable Subcomponent F successes in FY 2010 Q3 include:

1. An institutional structure for a national sea turtle conservation as a program within FIAES defined and approved by the FIAES board;
2. A financial mechanism to receive, manage, and distribute PPP funds and donations for sea turtle conservation established within FIAES and functioning;
3. PPP alliances signed or with a signature pending have committed \$1,606,870 over five years to sea turtle conservation;
4. PPP alliances signed or with a signature pending have committed \$135,750 to sea turtle conservation in the 2010 nesting season;
5. FUNZEL completed and submitted to the government an application to renew its non-profit NGO status;
6. Each of the regional *tortuguero* networks held two meetings (8 total) to define network objectives and develop the network structure;
7. Agreements between USAID/IMCCW and local organizations to operate 31 sea turtle hatcheries for the 2010 nesting season negotiated and signed;
8. Sea turtle hatcheries constructed on 30 beaches and 2 *viveristas* per hatchery hired to operate the hatcheries;
9. Three *pagadores* hired to implement sea turtle egg collection payments;
10. MARN has issued permits for 34 sea turtle hatcheries for the 2010 nesting season;
11. A national sea turtle stranding protocol developed, validated, and operating on at least 34 beaches;
12. A publicity campaign supporting the ban on commercialization of sea turtles begun;
13. A legal analysis of sea turtle protection legislation completed and a draft sea turtle protection ordinance for adoption by municipalities prepared;
14. An adaptive management baseline of habitat conditions on 34 beaches completed;
15. Beach management recommendations for 34 individual beaches prepared based on a baseline survey of current beach conditions;
16. A community-based mapping and GIS analysis of the distribution of natural resource uses in the Bahía de Jiquilisco was completed;

B. Introduction

This is the FY 2010 Quarter 3 report of the USAID Improved Management and Conservation of Critical Watersheds Project (IMCCW). It describes IMCCW progress from April 1, 2010 through June 30, 2010 in accomplishing deliverables, indicators, activities, and products described in the IMCCW FY 2010 Workplan that USAID approved on December 18, 2009 (IMCCW 2009b).

In response to USAID COTAR's request, this quarterly report is shorter than Q1 and Q2 reports. Only outstanding project issues receive a narrative and there are no project success stories.

This report will:

1. provide a brief narrative on key accomplishments or issues in FY 2010 Q3;
2. comment on the FY 2010 Q3 status of individual deliverables and indicators;
3. present two success stories; and
4. provide a IMCCW financial report for FY 2010 Q3 under a separate cover.

C. IMPROVED MANAGEMENT OF MONTECRISTO NATIONAL PARK

INTRODUCTION

The objective of IMCCW's Improved Management of Montecristo National Park (MNP) component is to protect and sustain MNP's contributions to El Salvador's economy and human well being. MNP's poor ecological viability, its weak territorial integrity, its limited capacity to generate and administer funds, and its inadequate visitor infrastructure now threaten these contributions. A particular challenge is the presence of Majaditas and San José Ingenio, two long-established communities with almost 600 residents in a park of only 1,973 hectares.



IMCCW focuses on improving MNP in three aspects: 1) MNP administration and finances; 2) visitors' experience of MNP; and 3) relations between MNP and Majaditas and San José Ingenio.

The IMCCW FY 2010 Workplan (IMCCW 2009b) specifies 10 project deliverables and 8 performance indicators. At the end of Q3 average achievement of these deliverables and indicators was 82% with a range from 56% for a MNP decentralization plan to 100% for Deliverables 4, 5, & 9 and Indicators 12, 13, & 17. IMCCW believes Subcomponent E is on schedule to achieve all deliverables and indicators by the end of Q4. Most of the remaining steps are assembling and editing final documents and results for presentation to USAID and MARN.

Particularly notable Subcomponent E successes in FY 2010 Q3 include:

1. LAC methodology applied to MNP carrying capacity completed and validated with MARN;
2. MNP re-zoning completed and validated with MARN;
3. Revised MNP regulations completed and submitted to MARN;
4. MNP infrastructure rehabilitation construction drawings and specifications completed;
5. MNP research stewardship strategy completed and approved by MARN;
6. MNP web site completed;
7. MNP biodiversity research collaboration signed between MARN and the College of Charleston under which graduate student Keith Hanson started field research on the lizard ecological community in the MNP cloud forest;
8. A socio-economic census of all households in Majaditas and San José Ingenio completed;

9. A complete survey of environmental issues knowledge, attitudes, and practices in Majaditas and San José Ingenio households completed with recommendations for an environmental education strategy;
10. Training and equipping of MNP guides completed;
11. Field work on the preparation of a harvesting plan for MNP cypress plantations completed;
12. Two MNP employees, Raúl Gutierrez and Gloria Nohemy López, began their participation in the CSU Protected Areas Management course in Ft. Collins, CO.

INFRASTRUCTURE REHABILITATION

Table 1. Summary of infrastructure rehabilitation progress

	Design completed	Construction drawings	Construction specifications	Architectural rendering	MARN design approval	Construction begun	Construction completed
Improvement of technicians house	X	X	X	NA	X	X	X
Analyze the support wall in "Cárcava No. 1"	X	X	NA	NA	X	NA	NA
Improve existing trails	X	NA	NA	NA	X	X	Q4
Build toilets for public use	X	X	NA	NA	X	X	Q4
Improve campsites	X	X	NA	X	X	X	Q4
Improve picnic areas	X	X	NA	X	X	X	Q4
Estación de monitoreo en Carcarva #1	X	X	X	X	X	X	Q4
Caseta de información cerca del Casco Colonial	X	X	NA	X	NA	NA	NA
Caseta de información Jardín de los Cien Años	X	X	NA	X	NA	NA	NA
Carpintería	X	X	NA	X	NA	NA	NA
Cafetería cerca del Casco Colonial	X	X	NA	X	NA	NA	NA
Tienda conveniencia y cafetería Los Planes	X	X	NA	X	NA	NA	NA
Administration building	X	X	NA	X	NA	NA	NA
Improve Park entrance	X	X	NA	X	NA	NA	NA
Information distribution booths	X	X	NA	X	NA	NA	NA
Improve signs	X	NA	NA	NA	X	X	Q4
Install radio communication system	X	NA	NA	NA	X	X	X

MNP ZONING AND CARRYING CAPACITY

In FY 2010 Q3:

- 1) MNP LAC and re-zoning was completed in Q3 and validated by MARN;
- 2) Craig MacFarland completed his final LAC report;
- 3) Craig MacFarland and Juan Pablo Dominguez taught a workshop in LAC methodology to 29 participants from MARN, PA co-management NGOs, and other stakeholders;
- 4) The final report is being edited for Spanish and will be presented to USAID and MARN in Q4;

MNP EDUCATION, COMMUNICATION, AND TECHNICAL TRAINING

COMMUNICATION

In FY 2010 Q3:

- 1) MNP species identification guide brochures are in final draft after having been reviewed by MARN;
- 2) A final draft of the MNP visitor's guide was prepared and submitted to MARN for comment and approval;

TECHNICAL TRAINING

In FY 2010 Q3:

- 1) Two MARN technicians began Protected Areas Management training at CSU, Ft. Collins, CO;

Table 2. Technical Training Events in Montecristo National Park during FY 2010 Q2

Date	Instructors	Topic	Participants	Female	Male	Total	Person-days
1-4 April	Eduardo Galicia	Practica supervisada con grupos de turistas	MNP park guides	8	14	22	110
2-4 June	Craig MacFarland	ROVAP and LAC	Technical staff from MARN, PA co-management NGOs, park guards, and MNP tourism guides	7	22	29	87
Totals				15	36	51	197

ECONOMIC ALTERNATIVES AND MITIGATION

Tourism

In FY 2010 Q3:

- 1) Final draft of tourism value chain analysis was completed and will be submitted to USAID and MARN for comments in Q4;
- 2) Four tourism itineraries including MNP were developed and will be submitted to MARN for approval to market through the EcoExperiencia website;
- 3) MARN did not encourage further MNP tourism development activities and rejected permission to implement the MNP website;

Cypress and pine harvest

In FY 2010 Q3:

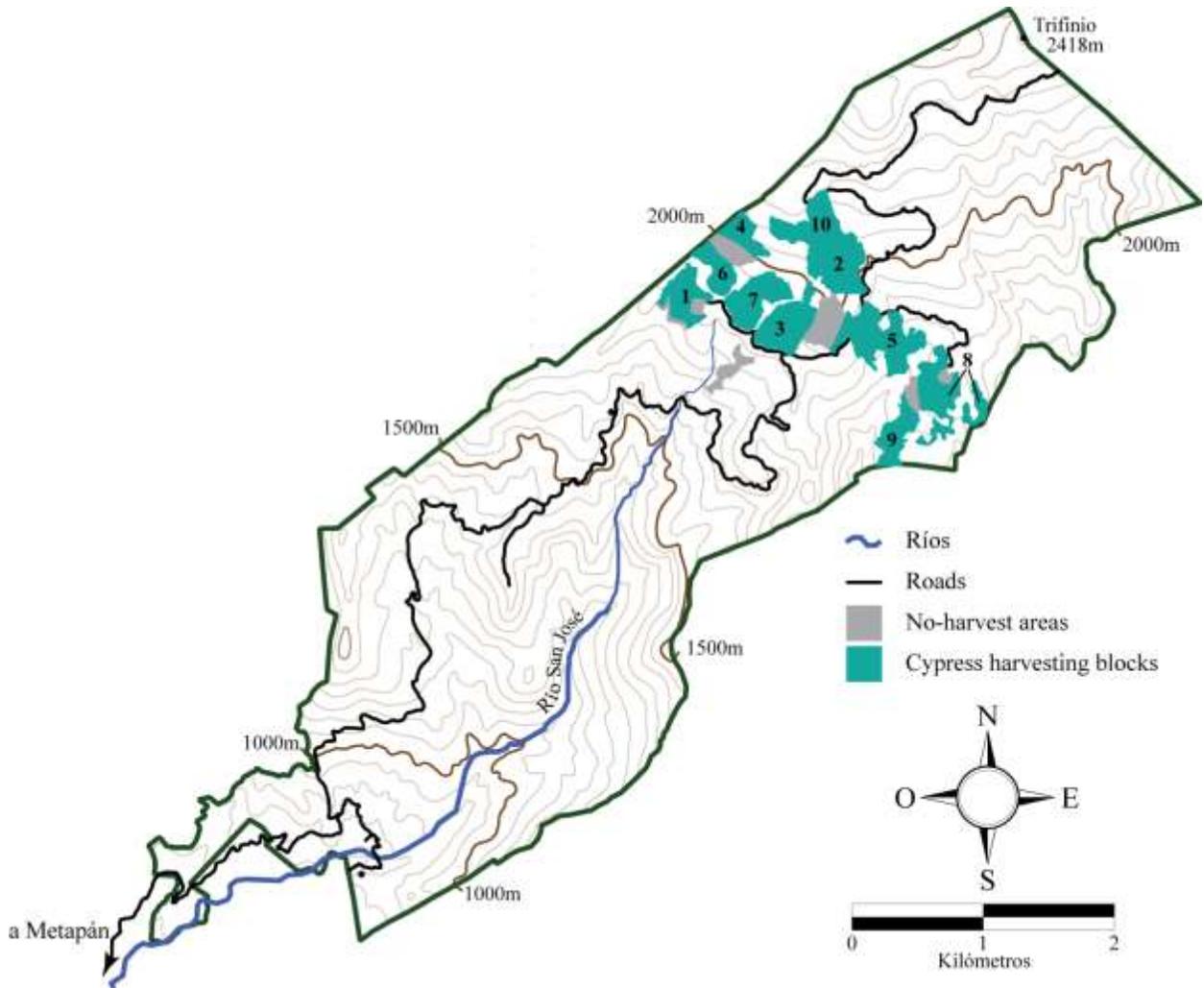
- 1) Consultant forester Eric Stonaker completed field work to estimate the marketable volume of cypress in MNP and collect information for a harvesting plan;
- 2) Stonaker delivered a preliminary report;
- 3) The revised timeline below allows the development of a harvesting plan and strategy;

Table 3. Revised timeline to develop a cypress harvesting plan and strategy for Montecristo NP and present it to MARN.

	May				June				July				August				September			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
IMCCW contracts international forestry consultant	■																			
IMCCW team estimates MNP cypress volumes		■	■	■	■	■	■													
Forestry consultant field work							■	■	■	■										
Preparation of cypress harvesting plan									■	■	■									
Harvesting plan draft finished										■	■	■	■	■						
Preparation of a long-term strategy												■	■	■	■	■				
Presentation of harvesting plan and strategy to MARN to MARN																	■	■	■	■
Harvesting plan revisions																			■	■

	May				June				July				August				September			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Final harvesting plan report completed																				

Figure 1. MNP cypress harvesting blocks, area, current value, and proposed harvesting years.



Microenterprises – Bamboo artisanry

In FY 2010 Q3:

- 1) Training continued with a new instructor having different skills;
- 2) Group participated in the Metapan Fair where they sold some products and received orders for more;
- 3) Process to organize the artisan group as a legal cooperative progressed and IMCCW expects to complete this in Q4;

Microenterprises – Tourism guide group

In FY 2010 Q3:

- 1) Training completed;
- 2) Application to be recognized as a legal entity is submitted;
- 3) Equipment was purchased and will be distributed when the guide group finalizes its legal status;

Microenterprises – Cocina de Montecristo

In FY 2010 Q3:

- 1) IMCCW has stopped this activity because there is not enough time before the MNP component ends in September to reach a useful and sustainable result;
- 2) IMCCW prepared architectural designs and construction drawings for cafeterias near the MNP Casco Colonial and in Los Planes;

Microenterprises – Trail-building and landscape restoration

In FY 2010 Q3:

- 1) IMCCW trained trail construction group continued with new construction and rehabilitation of MNP hiking trails, reaching the workplan goal;
- 2) IMCCW is providing the trail construction group support to organize formally as a cooperative;
- 3) IMCCW has provided the trail construction group trail building equipment;

FINANCIAL SUSTAINABILITY

MNP Business Plan

In FY 2010 Q3:

- 1) Claudia Hasfura has prepared and delivered a Business Plan for MNP;
- 2) IMCCW is reviewing the MNP Business Plan and will circulate it to MARN and USAID for comment in Q4;

MNP Concessions Plan

In FY 2010 Q3:

- 1) Claudia Hasfura has prepared and delivered a Concession Plan for the Casco Colonial in MNP;
- 2) IMCCW is reviewing the Concessions Plan and will circulate it to MARN and USAID for comment in Q4;

D. SPECIES-BASED CONSERVATION ON LOWER WATERSHEDS NARRATIVE

INTRODUCTION

Subcomponent F's general objective is to improve long-term management of El Salvador's coastal natural resources by strengthening existing elements of a national sea turtle conservation program.

IMCCW FY 2010 Workplan activities to achieve this general Subcomponent F objective group in four strategic areas:

1. achieve institutional development for sustainability;
2. reduce demand for egg consumption and educate the public;
3. enhance policy and regulations; and
4. improve hatchery management.



Subcomponent F deliverables and indicators are on schedule. Average achievement is 94% with a range from 70% for Indicator 32 (draft clear legislation or regulation that supports sea turtle conservation) to 100% for nine deliverables or indicators. IMCCW has prepared draft sea turtle conservation legislation in the form of model municipal ordinances and in Q4 will work to modify the model as needed for adoption by local municipalities. Deliverable 23 (Technical report on biological aspects of sea turtles and priority geographic areas for sea turtle conservation), at 64% complete, is on schedule to complete three technical reports, with at least two of these as papers ready to submit for peer-reviewed publication.

Particularly notable Subcomponent F successes in FY 2010 Q3 include:

- 1) An institutional structure for a national sea turtle conservation as a program within FIAES defined and approved by the FIAES board;
- 2) A financial mechanism to receive, manage, and distribute PPP funds and donations for sea turtle conservation established within FIAES and functioning;
- 3) PPP alliances signed or with a signature pending have committed \$1,606,870 over five years to sea turtle conservation;
- 4) PPP alliances signed or with a signature pending have committed \$135,750 to sea turtle conservation in the 2010 nesting season;
- 5) FUNZEL completed and submitted to the government an application to renew its non-profit NGO status;
- 6) Each of the regional *tortuguero* networks held two meetings (8 total) to define network objectives and develop the network structure;
- 7) Agreements between USAID/IMCCW and local organizations to operate 31 sea turtle hatcheries for the 2010 nesting season negotiated and signed;
- 8) Sea turtle hatcheries constructed on 30 beaches and 2 *viveristas* per hatchery hired to operate the hatcheries;
- 9) Three *pagadores* hired to implement sea turtle egg collection payments;
- 10) MARN has issued permits for 34 sea turtle hatcheries for the 2010 nesting season;
- 11) A national sea turtle stranding protocol developed, validated, and operating on at least 34 beaches;
- 12) A publicity campaign supporting the ban on commercialization of sea turtles begun;
- 13) A legal analysis of sea turtle protection legislation completed and a draft sea turtle protection ordinance for adoption by municipalities prepared;
- 14) An adaptive management baseline of habitat conditions on 34 beaches completed;
- 15) Beach management recommendations for 34 individual beaches prepared based on a baseline survey of current beach conditions;

ENVIRONMENTAL EDUCATION, COMMUNICATION, AND TECHNICAL TRAINING

Environmental education

In FY 2010 Q3:

- 1) 30 school presentations using the video “Luchando por la vida, una historia del mar” in Q3;
- 2) 1141 girls and 972 boys participated in these school presentations;
- 3) In Q4 IMCCW will follow up on evident interest among the students in participating in sea turtle conservation such as turtle releases, volunteering, school “adoption” of individual hatcheries, etc.;
- 4) 10 presentations oriented towards adult audiences in various venues were held;
- 5) 390 women and 543 men participated in these presentations;

Sea turtle conservation publicity campaign

In FY 2010 Q3:

- 1) Sea turtle conservation publicity campaign was initiated with a public event that included Vice-minister of the Environment Lina Pohl;
- 2) Campaign includes outdoor signs and billboards, radio spots, publicity materials, and television reporting of events;
- 3) IMCCW will begin measuring the effects on public knowledge and attitudes towards sea turtle conservation in Q4;

Technical training

In FY 2010 Q3:

- 1) IMCCW organized and facilitated 2 meetings each for each of the 4 regional *tortuguero* networks;
- 2) Focus was on defining for each beach and collectively the function, organization, and operations of the networks;
- 3) FUNZEL presented and trained participants in the sea turtle stranding protocol and organized the stranding network;
- 4) Preliminary results of the socio-economic study were presented and validated;

Table 4. Summary of IMCCW education and technical training in Q3.

	Events	Female	Male	Total
Special events	7	364	506	870
Private companies	1	26	37	63
Schools	30	1141	972	2113
Total	38	1531	1515	3,046

ECONOMIC ALTERNATIVES AND MITIGATION

In FY 2010 Q3:

- 1) IMCCW continued to work with coastal communities with *tortuguero* residents to develop economic alternatives to the commercialization of sea turtle eggs: improved fishing, sustainable shellfish and crab harvesting, agriculture and horticulture activity, tourism microenterprises, a vocational training center in collaboration with the San Luís Talpa Municipality, as well as sea turtle conservation hatcheries;
- 2) IMCCW support is based on signed agreements with variously organized local groups with the understanding that it is contingent on these groups participating in protecting sea turtle nesting;
- 3) IMCCW has established a quantitative baseline of beach conditions to enable adaptive management and to measure community compliance with their commitment to improve beach management and protection;

- 4) IMCCW has proposed that its economic alternatives and mitigation activities continue as a component of a national sea turtle conservation program within FIAES;

Table 5. Summary of IMCCW investment in economic alternatives and mitigation activities in *tortuguero* communities.

	Beach	Men*	Women*	Total*	Fishing	Shellfish culture	Agr. & Hort.	Tourism kiosks	Tourism	Vocational training	Sea turtle egg collection (budgeted)	Hatchery manager Salaries (budgeted)	Total
1	Bola de Monte	16	0	16			\$2,000				\$12,000	\$3,150	\$17,150
2	Brisas del Mar										\$10,000	\$3,150	\$13,150
3	Barra de Santiago	45	40	85		\$2,368			\$8,790		\$14,000	\$3,150	\$28,308
4	Los Cóbanos	7	8	15				\$361	\$9,668		\$14,000	\$3,150	\$27,179
5	Barra Ciega										\$12,000	\$3,150	\$15,150
6	Playa Azul	25	30	55							\$18,000	\$3,150	\$21,150
7	Playa Dorada	21	0	21					\$5,081		\$28,000	\$3,150	\$36,231
8	El Zonte										\$5,000	\$3,150	\$8,150
9	Majahual										\$5,000	\$3,150	\$8,150
10	San Blas	3	1	4				\$803	\$2,339		\$0	\$0	\$3,142
11	San Diego	20	20	40				\$4,598	\$9,853		\$30,000	\$3,150	\$47,601
12	El Amatal										\$10,000	\$3,150	\$13,150
13	Toluca										\$12,000	\$3,150	\$15,150
14	Bocapoza										\$5,000	\$3,150	\$8,150
15	Cangrejera										\$25,000	\$3,150	\$28,150
16	Las Bocanitas	38	30	68			\$2,000				\$0	\$0	\$0
17	Amatecampo										\$6,000	\$3,150	\$12,650
18	La Zunganera	213	71	284						\$10,500	\$5,000	\$3,150	\$8,150
19	El Pimental										\$6,000	\$3,150	\$9,150
20	Costa del Sol Km 71										\$8,000	\$3,150	\$11,150
21	Costa del Sol Km 78										\$12,000	\$3,150	\$15,150
22	Isla Tasajera	37	13	50				\$4,098	\$9,332		\$16,000	\$3,150	\$33,080
23	Isla Montecristo	32	0	32		\$3,200		\$1,409	\$3,552		\$18,000	\$3,150	\$33,409
24	San Juan del Gozo	18	13	31		\$1,900			\$1,653		\$18,000	\$3,150	\$26,112
25	Isla de Méndez	34	0	34	\$3,500			\$3,714	\$7,691		\$0	\$0	\$14,905
26	El Icacó	26	7	33	\$2,500						\$12,000	\$3,150	\$17,650
27	Corral de Mulas	19	9	28	\$3,500						\$0	\$0	\$3,500
28	Isla San Sebastián/ La Pirraya	35	3	38	\$3,798			\$2,063	\$11,169		\$9,000	\$3,150	\$29,180
29	Isla San Sebastián/ El Cojollon	32	0	32	\$3,818						\$9,000	\$3,150	\$15,968
30	El Espino										\$6,000	\$3,150	\$9,150
31	Salamar										\$12,000	\$3,150	\$15,150
32	El Icacal										\$12,000	\$3,150	\$15,150
33	El Cuco										\$10,000	\$3,150	\$13,150
34	Las Tunas										\$9,000	\$3,150	\$12,150
35	Maculis										\$9,000	\$3,150	\$12,150
36	El Tamarindo										\$4,000	\$3,150	\$7,150
37	Isla Martín Pérez												\$0
	Total	621	245	866	\$17,611	\$7,468	\$4,000	\$17,546	\$69,128	\$10,500	\$381,000	\$100,800	\$604,065

* Only those benefiting from economic alternatives other than egg collection services and hatchery operations.

Payments for sea turtle egg collection services

Table 6. Sea turtle eggs collected, hatchlings released, and payments made in Q3.

	Beach	Eggs collected	Hatchlings released	Total of payments	Principal Source of Funding
1	Bola de Monte	231		41.25	USAID/IMCCW
2	Brisas del Mar	182	0	32.50	USAID/IMCCW
3	La Barra de Santiago	1,470	0	262.50	USAID/IMCCW
4	Los Cóbanos	322	0	57.50	USAID/IMCCW, NFWF
5	Barra Ciega	0	0	0	USAID/IMCCW, NFWF
6	Playa Azul	0	0	0	USAID/IMCCW
7	Playa Dorada	1,694	0	302.50	USAID/IMCCW
8	El Zonte	84	0	15.00	USAID/IMCCW
9	Majahual	0	0	0	USAID/IMCCW

	Beach	Eggs collected	Hatchlings released	Total of payments	Principal Source of Funding
10	San Blas	160	0	28.75	FPSM, FUNZEL
11	San Diego	1,085	0	166.25	USAID/IMCCW, HSBC
12	El Amatal	609	0	108.75	USAID/IMCCW
13	Toluca	665	0	118.75	USAID/IMCCW
14	Bocapoza	210	0	37.50	USAID/IMCCW
15	Los Pinos / Cangrejera	0	0	0	USAID/IMCCW
16	Las Bocanitas	0	0	0	Arenas del Pacífico
17	Amatecampo	952	0	170	USAID/IMCCW
18	La Zunganera	399	0	71.25	USAID/IMCCW
19	El Pimental	700	0	125	USAID/IMCCW
20	Costa del Sol Km 71	0	0	0	Grupo de vecinos
21	Costa del Sol Km 78	0	0	0	Termoencogibles
22	Isla Tasajera/La Colorada	791	0	141.25	USAID/IMCCW
23	Isla Montecristo	238	0	42.50	USAID/IMCCW
24	San Juan del Gozo	0	0	0	USAID/IMCCW
25	Isla de Méndez	0	0	0	Ayuda en Acción
26	El Icaco	0	0	0	Ayuda en Acción
27	Corral de Mulas	0	0	0	USAID/IMCCW
28	Isla San Sebastián/ La Pirraya	1,993	0	353.75	USAID/IMCCW
29	Isla San Sebastián/ El Cojollon	0	0	0	USAID/IMCCW
30	El Espino	651	0	116.50	USAID/IMCCW
31	Salamar	0	0	0	ACTISA
32	El Cuco	0	0	0	USAID/IMCCW
33	El Icacal	0	0	0	DTP
34	Las Tunas	744	0	123.50	USAID/IMCCW
35	Maculiz	1,278	0	227.50	USAID/IMCCW
36	El Tamarindo	0	0	0	USAID/IMCCW
37	Isla Martín Pérez	0	0	0	USAID/IMCCW
	Total	14,458	0	\$2,551.25	

Tourism-based economic alternatives

Table 7. FY 2010 Q3 status of IMCCW support to tourism microenterprises as economic alternatives.

Beach	Men	Women	Total	USAID/IMCCW Investment	Community Investment	Total Investment	Project steps*												
							1	2	3	4	5	6	7	8	9	10			
Tasajera	57	13	70	\$3,000	\$5,200	\$8,200	X	X	X	X	X	X							
San Diego	20	20	40	\$3,358	\$2,524	\$5,882	X	X	X	X	X	X							
Los Cóbanos	7	8	15	\$5,500	\$33,000	\$38,500	X	X	X	X	X	X							
Total	84	41	125	\$11,858	\$40,724	\$52,582													

*Generalized project steps:

1. Initial community meetings to identify tourism infrastructure as a favored and feasible economic alternative;
2. Development of tourism infrastructure profile describing the enterprise for each community;
3. Preparation of a written agreement between IMCCW and the *tortuguero* community specifying objectives and commitments each side;
4. Agreement signed on both sides;
5. Technical training completed (CENDEPESCA);
6. Field implementation begun;
7. Business training completed (Q4);
8. Field implementation completed (Q4);
9. First revenues recorded (Q4);
10. Technical follow-up and final report (Q4);

Shellfish culture

Table 8. FY 2010 Q3 status of IMCCW support to *Cultivo de conchas* as an economic alternative.

Beach	Men	Women	Total	USAID/ IMCCW Investment	Community Investment	Total Investment	Project steps*													
							1	2	3	4	5	6	7	8	9	10				
La Barra de Santiago	10	7	17	\$2,368	\$4,211	\$6,578	X	X	X	X	X	X								
Isla Montecristo	32	0	32	\$3,200	\$3,200	\$6,400	X	X	X	X	X	X								
San Juan del Gozo	15	5	20	\$1,900	\$1,900	\$3,800	X	X												
Total	57	12	69	\$7,468	\$9,311	\$6,578														

*Generalized project steps:

1. Initial community meetings to identify *Cultivo de conchas* as a favored and feasible economic alternative;
2. Development of a *Cultivo de conchas* profile describing the enterprise for each community;
3. Preparation of a written agreement between IMCCW and the *tortuguero* community specifying objectives and commitments each side;
4. Agreement signed on both sides;
5. Technical training completed;
6. Field implementation begun;
7. Business training completed (Q4);
8. Field implementation completed (Q4);
9. First revenues recorded (Q4);
10. Technical follow-up and final report (Q4);

Improved fishing

In FY 2010 Q3:

- 1) Much of the technical support for improved fishing is in the construction and placement of artificial reefs which provide shelter for fish and create identifiable ownership rights for fisher groups giving them an incentive to use better fishing practices;
- 2) IMCCW surveys and interviews suggest that introducing to shark fishers circle hooks that are more easily removed from turtles would reduce what is now a source of adult sea turtle mortality as important as drowning in nets;
- 3) Explosive fishing continues to cause sea turtle deaths in the Bahía de Jiquilisco;

Table 9. FY 2010 Q3 status of IMCCW support to *Pesca mejorada* as an economic alternative.

Beach	Men	Women	Total	USAID/ IMCCW Investment	Community Investment	Total Investment	Project steps*													
							1	2	3	4	5	6	7	8	9	10				
El Icaco	26	7	33	\$2,500	\$2,500	\$5,000	X	X	X	X	X	X								
Isla de Méndez	34	0	34	\$3,500	\$2,000	\$5,500	X	X	X	X	X	X								
Corral de Mulas	19	9	28	\$3,500	\$3,059	\$6,559	X	X	X	X	X	X								
Isla San Sebastian/ La Pirraya	35	3	38	\$3,798	\$3,299	\$7,097	X	X	X	X	X	X								
Isla San Sebastian/ El Cojollon	32	0	32	\$3,818	\$3,299	\$7,117	X	X	X	X	X	X								
Totals	85	7	92	\$16,816	\$14,157	\$31,273														

*Generalized project steps:

1. Initial community meetings to identify improved fishing as a favored and feasible economic alternative;
2. Development of a improved fishing profile describing the enterprise for each community;
3. Preparation of a written agreement between IMCCW and the *tortuguero* community specifying objectives and commitments each side;
4. Agreement signed on both sides;
5. Technical training completed;
6. Field implementation begun;
7. Business training completed (Q4);
8. Field implementation completed (Q4);
9. First revenues recorded (Q4);
10. Technical follow-up and final report (Q4);

Agriculture & horticulture

In FY 2010 Q3:

- 1) IMCCW is working with agriculture economic alternatives only with the Bola de Monte *tortugueros* all of whom practice agriculture and for whom marine resources are not available;

Table 10. FY 2010 Q3 status of IMCCW support to agriculture and horticulture as an economic alternative.

Beach	Men	Women	Total	USAID/ IMCCW Investment	Community Investment	Total Investment	Project steps*												
							1	2	3	4	5	6	7	8	9	10			
Bola de Monte	16	0	16	\$2,000	\$720	\$2,376	X	X	X	X	X	X							
Bocanitas	38	30	68	\$2,000	\$720	\$2,376	X	X	X	X	X	X							
Total	54	30	84	\$4,000	\$1,440	\$5,880													

*Generalized project steps:

1. Initial community meetings identify agriculture as a favored and feasible economic alternative;
2. Development of an agriculture project profile describing the enterprise for each community;
3. Preparation of a written agreement between IMCCW and the *tortuguero* community specifying objectives and commitments each side;
4. Agreement signed on both sides;
5. Technical training completed;
6. Field implementation begun;
7. Business training completed (Q4);
8. Field implementation completed (Q4);
9. First revenues recorded (Q4);
10. Technical follow-up and final report (Q4);

Vocational training

In FY 2010 Q3:

- 1) These IMCCW economic alternative activities are based on an agreement with the Alcalde of San Luís Talpa Municipality as well as the three beach communities;
- 2) San Luís Talpa is investing \$3,000 in the vocational training center;

Table 11. FY 2010 Q3 status of IMCCW support to vocational training as an economic alternative.

Beach	Men	Women	Total	USAID/ IMCCW Investment	Alcaldia & Community Investment	Total Investment	Project steps*															
							1	2	3	4	5	6	7	8	9	10						
El Pimental	213	71	284	\$10,500	\$10,300	\$20,800	X	X	X	X	X	X										
Amatecampo																						
La Zunganera																						
Total	213	71	284	\$10,500	\$10,300	\$20,800																

*Generalized project steps:

1. Initial community meetings to identify vocational training as a favored and feasible economic alternative;
2. Development of a vocational training profile describing the enterprise for each community;
3. Preparation of a written agreement between IMCCW and the *tortuguero* community specifying objectives and commitments each side;
4. Agreement signed on both sides;
5. Field implementation begun;
6. Business/legal entity established;
7. Business training completed (Q4);
8. Field implementation completed (Q4);
9. Vocational training begun (Q4);
10. Technical follow-up and final report (Q4);

RESEARCH

Conservation socio-economic survey of coastal communities

In FY 2010 Q3:

- 1) Study of socio-economic condition of 22 coastal communities complete;
- 2) Study gathered and analyzed data on: demography, education, health, security, household services, migration, mortality, employment, agriculture, sea turtle egg collection, community problems, natural resources, and sea turtle conservation issues and solutions;
- 3) Data derived from 830 household interviews, and individual interviews with community leaders;
- 4) The study provides eight conclusions that characterize the socio-economic context that shape individual and collective decisions, especially with respect to the use and protection of natural resources;
- 5) The study provides nine recommendations derived from its conclusions on how to design conservation actions that will be more effective in improving the management and protection of sea turtles and other coastal natural resources.

Sea turtle beach habitat characterization

In FY 2010 Q3:

- 1) Beach habitat conditions reanalyzed with more data;
- 2) IMCCW has prepared a prioritized list of actions for each beach to enable the community to improve beach management and their average score;
- 3) A commitment to maintaining or improving the beach management score is now being written in to all IMCCW agreements to provide communities economic alternative support;
- 4) Sea turtle beach habitat baseline characterization is intended to enable adaptive management;
- 5) IMCCW is preparing a formal report on the study;

Table 12. 2010 baseline measurement of sea turtle beach habitat conditions.

Rank	Beach	Beach condition category*							Value	Priority category to improve beach management
		A	B	C	D	E	F	G		
1	La Barra de Santiago	3.50	1.50	3.67	4.00	2.00	4.00	3.00	3.26	G, C, B
2	Isla Tasajera/La Colorada	3.50	2.33	2.33	4.00	1.00	4.00	4.00	3.22	E, B, C
3	Bola de Monte	3.50	0.83	2.67	4.00	4.00	3.00	2.00	3.12	B, G, C
4	San Blas	3.00	2.33	3.00	4.00	3.00	4.00	3.00	3.11	B, C
5	Salamar	4.00	1.17	0.00	4.00	1.00	4.00	3.00	3.10	B, E
6	Isla de Méndez	3.50	2.67	2.33	4.00	1.00	4.00	2.00	3.08	E, G, C
7	Garita Palmera	3.50	1.33	2.00	4.00	4.00	2.00	2.00	3.03	B, C, F, G
8	El Icacal	3.50	1.67	0.67	4.00	2.00	4.00	2.00	2.94	C, B, E, G
9	La Zunganera	3.00	2.67	3.00	4.00	4.00	2.00	2.00	2.93	F, G, B, C
10	Los Cóbanos	3.00	1.17	3.33	4.00	0.00	4.00	4.00	2.87	E, B, A
11	Amatecampo	3.00	0.67	2.33	4.00	4.00	3.00	1.00	2.75	B, G, C
12	Playa Dorada	3.00	1.83	1.00	4.00	4.00	3.00	1.00	2.74	C, G, B
13	Cangrejera – Los Pinos	3.50	0.33	2.00	0.00	4.00	3.00	2.00	2.69	D, B, C, G
14	Las Bocanitas	3.50	na	1.33	0.00	2.00	4.00	4.00	2.69	D, C, E
15	San Diego	2.50	0.67	2.67	4.00	3.00	4.00	1.00	2.53	G, B, A, C
16	El Pimental	2.00	2.33	3.00	4.00	4.00	2.00	3.00	2.53	A, F, B
17	Isla Montecristo	2.50	3.67	3.00	4.00	1.00	2.00	1.00	2.47	E, G, F
18	Isla San Sebastián	2.00	3.83	3.00	4.00	1.00	2.00	3.00	2.40	E, A, F
19	San Juan del Gozo	2.50	3.17	1.67	4.00	0.00	2.00	2.00	2.32	E, F, G
20	El Icaico	2.00	3.33	1.33	4.00	1.00	4.00	2.00	2.31	E, C, A, G
21	Majahual	3.50	0.83	0.67	0.00	4.00	0.00	0.00	2.21	D, F, G, C, B
22	El Espino	3.00	1.83	0.00	0.00	1.00	3.00	2.00	2.15	C, D, E, B
23	Maculiz	2.00	0.50	2.33	4.00	1.00	4.00	2.00	2.15	B, E, A&G
24	Barra Ciega	3.00	na	na	na	1.00	4.00	na	1.92	E
25	El Amatal	2.00	0.17	1.67	0.00	3.00	4.00	1.00	1.82	D, B, G, C, A
26	El Zonte	1.00	0.33	1.67	4.00	4.00	3.00	2.00	1.75	B, A, C, G

Rank	Beach	Beach condition category*							Value	Priority category to improve beach management
		A	B	C	D	E	F	G		
27	Toluca	1.50	0.67	na	0.00	3.00	1.00	na	1.14	D, B, F, A
28	Boca Poza	1.00	2.00	1.33	0.00	1.00	2.00	na	1.03	D, A, E, C
29	Tamarindo	0.00	1.33	2.33	4.00	0.00	0.00	3.00	0.89	All
30	Costa Azul	0.00	0.50	3.00	4.00	0.00	0.00	1.00	0.71	All
31	El Cuco	0.00	1.00	1.67	0.00	0.00	0.00	3.00	0.47	All
32	Corral de Mulas	0.00	1.50	2.00	0.00	0.00	0.00	2.00	0.46	All
33	Isla Martín Pérez	0.00	2.00	0.00	0.00	0.00	0.00	2.00	0.33	All
34	Las Tunas	0.00	0.00	1.67	0.00	0.00	0.00	2.00	0.31	All
Averages		2.28	1.59	1.96	2.67	1.88	2.50	2.16	2.16	

*A - Nest management; B - Beach habitat conditions; C - Level of local community organization; D - Knowledge of local communities about sea turtles and their habitats; E - Information management; F - Financial capacity of local communities; G - Ecotourism capacity of local communities.

Survey and mapping of sea turtle foraging areas

In FY 2010 Q3:

- 1) Field work of interviews with local sources on schedule;
- 2) Foraging areas identified by local sources mapped with GPS;
- 3) IMCCW will prepare final report in Q4;

Survey of the sources of adult sea turtle mortality in El Salvador

In FY 2010 Q3:

- 1) Research field work on schedule;
- 2) Main source of information is interviews with local sources;
- 3) IMCCW will prepare final report in Q4;

FINANCIAL SUSTAINABILITY

In FY 2010 Q3:

- 1) PPP alliances signed or with a signature pending have committed \$1,606,870 over five years to sea turtle conservation;
- 2) Signed alliances will generate \$51,050 for sea turtle conservation in the 2010 nesting season;
- 3) These alliances will benefit approximately 2,100 *tortugueros*;
- 4) Pending PPP alliances IMCCW expects to sign in Q4 will commit over \$1,048,120 over five years in support to sea turtle conservation;
- 5) IMCCW expects that pending alliances will generate an additional \$84,700 for sea turtle conservation in the 2010 nesting season.
- 6) These pending alliances will benefit an additional 2,700 *tortugueros*;
- 7) The value of these alliances includes match funds that is not secure or identified after IMCCW ends;
- 8) IMCCW is negotiating a structure within FIAES to continue seeking PPP alliances as part of fund-raising for sea turtle conservation program;

Table 13. Public-private alliances for sustainable sea turtle conservation financing in FY 2010 Q2

Completed Alliances										
Beach	Private sector partner	Private sector investment in 2010	USAID/IMCCW investment FY 2010¹	Community investment (mostly in kind)	Annual investment	Alliance term	5-year alliance value	Beneficiaries	Progress towards signing	Description of negotiation status
San Diego	HSBC	\$8,000	\$15,450	\$8,134	\$31,584	5	\$157,920	500	100%	Alliance signed. Project on implementation
Costa del Sol	Termo-encogibles	\$12,000	\$12,630	\$8,134	\$32,764	5	\$163,820	500	100%	Alliance signed. Project on implementation
El Icacal	DTP	\$15,326	\$13,110	\$9,148	\$37,584	5	\$187,920	500	100%	Alliance signed. Project on implementation
El Salamar	ACTISA	\$7,724	\$9,310	\$1,200	\$18,234	5	\$91,170	100	100%	Alliance signed. Project on implementation
Costa del Sol	KM 71	\$8,000	\$15,450	\$8,134	\$31,584	5	\$157,920	500	100%	Funds received, project in implementation. Alliance signing pending final determination of the number of private participants.
TOTAL		\$51,050	\$65,950	\$34,750	\$151,750		\$758,750	2,100		
Pending Alliances										
Beach	Private sector partner	Private sector investment in 2010	USAID/IMCCW investment FY 2010¹	Community investment (mostly in kind)	Annual investment	Alliance term	5-year alliance value	Beneficiaries	Progress towards signing	Description of negotiation status
Playa Dorada	Casa Tortuga	\$3,125	\$3,205	\$1,896	\$8,596	5	\$42,980	100	95%	The alliance proposal has been accepted. The private sector partner will send the funds from the US when US tax-deduction mechanism established.
Barra de Santiago	Two beach property owners group.	\$12,000	\$12,630	\$8,134	\$32,764	5	\$163,820	500	80%	Two beach property owners with a long-established interest in environmental issues and community projects at Barra de Santiago have agreed to provide financial support for sea turtle conservation on this beach. An additional incentive for these private sector investors is to maintain or increase the value of their properties for which the presence of sea turtles and the quality of the beach habitat is an important element.
El Maculis	Banco Promerica	\$12,000	\$12,630	\$8,134	\$32,764	5	\$163,820	500	75%	This private sector partner has a history of interest and support for sea turtle conservation. The alliance proposal has been presented and received a positive response. IMCCW expects to sign the alliance

El Tamarindo	Textuflil	\$18,700	\$11,750	\$9,184	\$39,634	5	\$198,170	350	75%	in Q4. The private sector partner has a long-standing record of support and interest in marine conservation and has independently set up and financed a sea turtle hatchery. The alliance proposal has been presented with a positive response. IMCCW expects to sign the alliance in Q4.
Playa Dorada	Ingenio Central Izalco	\$18,000	\$11,750	\$9,184	\$38,934	5	\$194,670	350	50%	The private sector partner has a long-standing record of community support in Sonsonate Department and an interest in environmental projects. The alliance proposal has been presented with positive response. IMCCW expects to sign the alliance in Q4.
Costa Azul	Beach property owners group	\$12,000	\$12,630	\$8,134	\$32,764	5	\$163,820	500	15%	This alliance would be with a group of beach house property owners. The group's principal leader has agreed with most alliance details. IMCCW expects to sign the alliance in Q4.
Salinitas, Los Cobanos	Fertilize industry with Beach property in the area	\$12,000	\$12,630	\$8,134	\$32,764	5	\$163,820	500	15%	This private sector partner has a history of interest and support environmental and social projects in the area. The alliance has been presented in general terms. Negotiations will continue and IMCCW expects to in Q4.
TOTAL		\$84,700	\$74,020	\$50,904	\$209,624		\$1,048,120	2,700		
Potential Alliances										
Beach	Private sector partner	Private sector investment in 2010	USAID/IMCCW investment FY 2010¹	Community investment (mostly in kind)	Annual investment	Alliance term	5-year alliance value	Beneficiaries	Progress towards signing	Description of negotiation status
All	El Diario de Hoy	\$30,000	\$10,000	\$4,000	\$44,000	5	\$220,000	NA	60%	<i>El Diario de Hoy</i> will donate advertising space to the sea turtle conservation publicity campaign and will collaborate in providing coverage of sea turtle conservation issues. IMCCW will provide the graphic designs of the <i>La Clinica</i> agency, background information for <i>El Diario de Hoy</i> journalists, and facilitate interviews with international visitors such as J Nichols and Fabien Cousteau. During Q3 <i>El Diario de Hoy</i> approved 6 full color pages for sea turtle publicity and published 4 pages about the visit of Fabien Cousteau to promote sea turtle conservation.
Tasajera, Barra de Santiago,	Hanes Brands & Camara de	\$6,000	\$1,500	\$12,000	\$19,500	5	\$97,500		30%	Hanes Brands and the Camera de Textiles will provide in FY 2010 6,000 tee-shirts, IMCCW or another

and other beaches	Textileros									alliance partner will provide the graphic printing, and the tee-shirts will go to economic alternative tourism kiosks IMCCW is supporting on various <i>tortuguero</i> beaches. The income from their sale will create seed money for the microenterprises of which part (\$12,000 of an estimated \$36,000 in gross sales) will return to Hanes Brands through the purchase of more tee-shirts. Hanes Brands CEO participated in the business breakfast with Fabien Cousteau and has agreed verbally to donate tee-shirts to economic alternative micro-enterprises. IMCCW expects to sign an alliance in Q4.
TOTAL		\$36,000	\$11,500	\$16,000	\$63,500	5	\$317,500	255		
GRAND TOTAL		\$171,750	\$151,470	\$101,654	\$424,874	5	\$2,124,370	5,055		

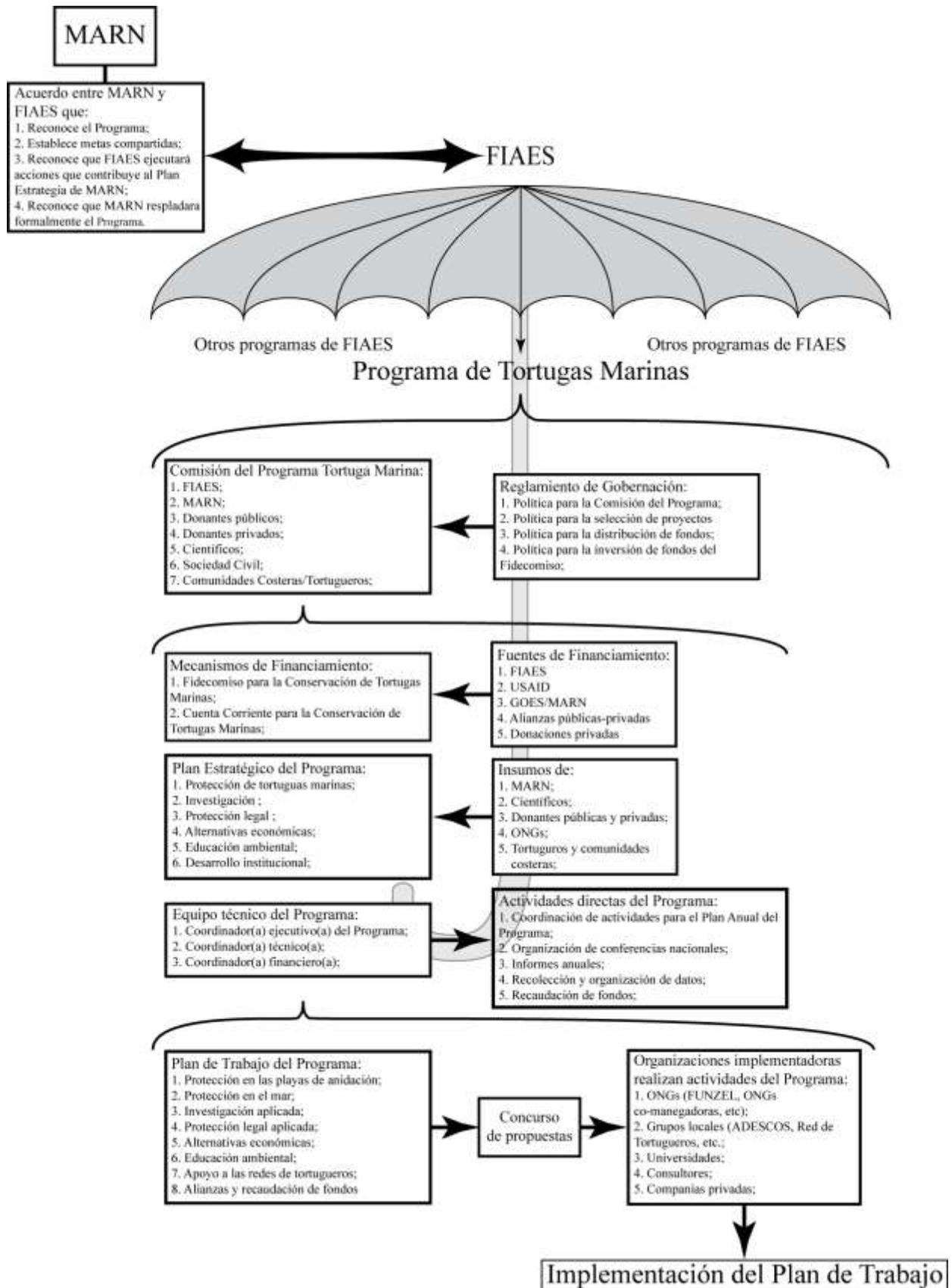
¹After IMCCW ends, its financial and technical support is expected to shift to Salvadoran institutions and other international funding sources.

INSTITUTIONAL SUSTAINABILITY

In FY 2010 Q3:

- 1) IMCCW concluded that FUNZEL did not have the institutional strength or stability to bear the burden of a national sea turtle conservation program without the risk of destroying FUNZEL;
- 2) IMCCW initiated discussions with FIAES to create a sea turtle program under its institutional structure that would inherit some IMCCW activities;
- 3) IMCCW drafted an institutional structure and funding mechanism for this FIAES sea turtle program;
- 4) IMCCW drafted a FIAES sea turtle program 5-year workplan based on MARN's sea turtle strategy and *Plan de Acción*;
- 5) IMCCW presented the institutional structure proposal and workplan to FIAES and MARN and they were accepted by both;
- 6) Under this structure FUNZEL would be an implementing organization receiving grants from FIAES to accomplish specific elements of the FIAES workplan;
- 7) Other organizations and individuals would receive similar grants to accomplish work appropriate to their skills and capacities;
- 8) In Q4, IMCCW will work with FIAES to detail this institutional structure, implement it through the needed and appropriate documents, and plan a transition of IMCCW activities to a FIAES sea turtle program.

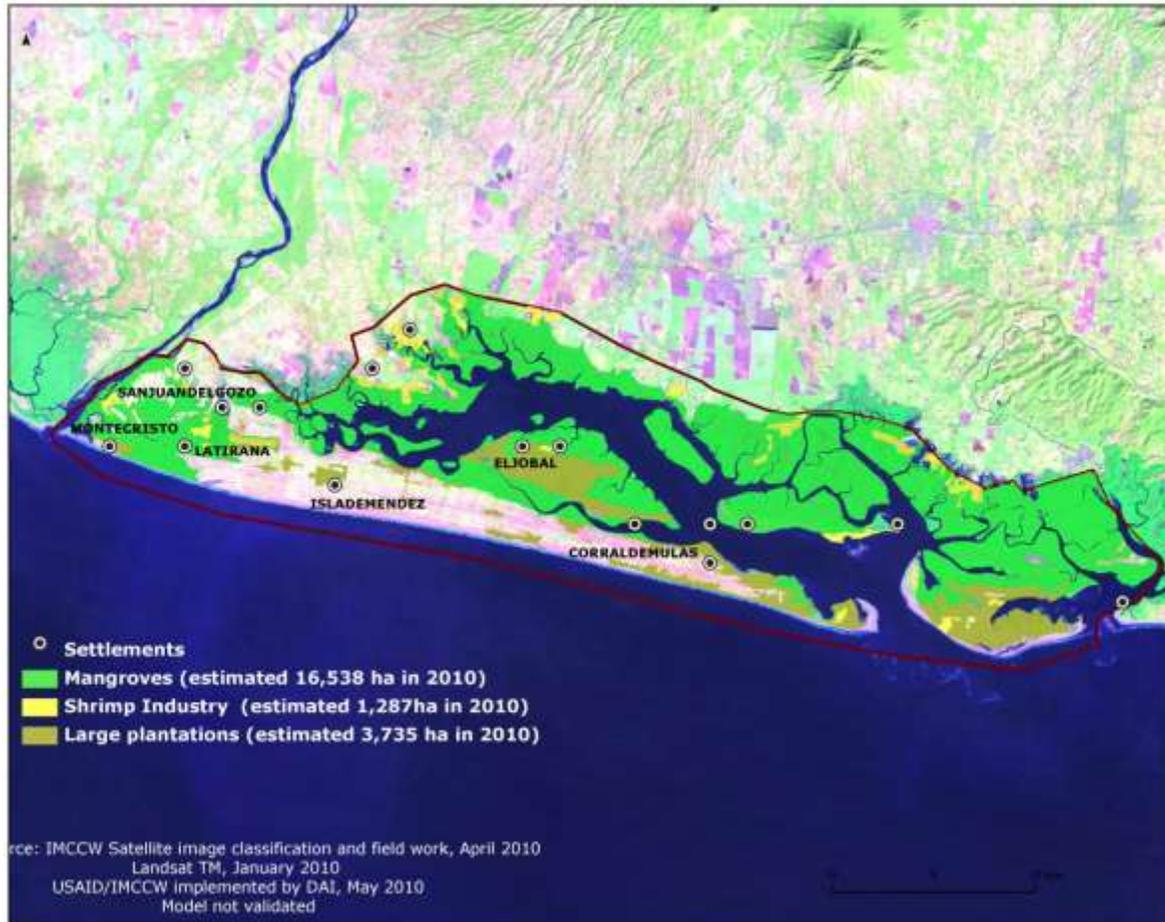
Figure 2. Institutional structure proposed for a National Sea Turtle Conservation Program under FIAES.



NATURAL RESOURCE USE MAPPING IN THE BAHÍA DE JIQUILISCO

The Bahía de Jiquilisco is a 48,480 ha mangrove estuary lying between the Río Lempa and the Río Grande de San Miguel in Usulután Province. It is a critical foraging area for hawksbills that feed on crustaceans and sponges growing on the roots of its extensive mangrove forests. Jiquilisco natural resources are economically important for its 24,000 residents many of whom depend on harvesting its fish, shrimp, and shellfish.

Figure 3. Bahía de Jiquilisco.



IMCCW organized and facilitated a participatory workshop April 22, 2010 in Isla de Méndez with 54 participants from Isla de Méndez, Corral de Mulas, and San Juan del Gozo. These three communities include 665 households with an estimated population of 3,400. IMCCW led a discussion and mapping of natural resource use and management, and the threats to these resources in Bahía de Jiquilisco.

The most important economic activities identified by the workshop participants include:

- 1) Fishing in the bay waters, including extraction of shellfish and shrimp;
- 2) Agriculture, with several community members working on large cashew plantations in the area;
- 3) Livestock;
- 4) Timber extraction; and,
- 5) Small-scale tourism.

According to workshop participants the main threats to the ecosystems in the bay are flooding, timber extraction and deforestation, particularly of mangroves, water pollution originating from upper watershed agriculture and from shrimp farming and salt operations within the bay, and unsustainable fishing, particularly

with explosives. The threats specifically affecting hawksbills inside the bay are fishing with explosives, sea turtle egg commercialization, and water pollution.

Figure 4. Threats to the ecosystems and natural resources in Bahía de Jiquilisco identified and mapped by Jiquilisco residents.

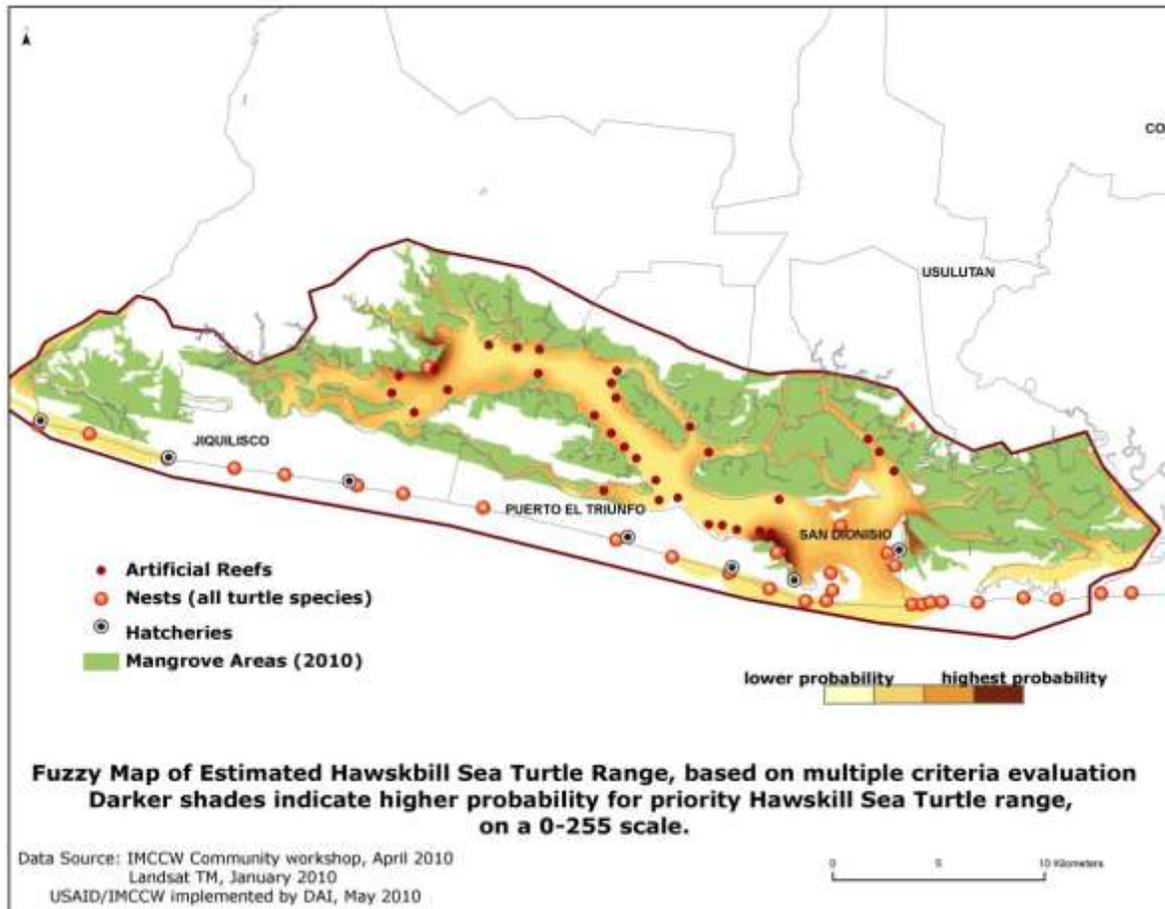


Hawksbills feed and nest inside the Bahía de Jiquilisco. Workshop participants familiar with their feeding areas and nesting beaches mapped them for IMCCW. Recent results from hawksbill monitoring and satellite tracking reveal that this species forages throughout the mangroves, moving deep into the forest along the numerous narrow channels to forage on crustaceans. Workshop participants, many of whom harvest shellfish as part of their livelihoods, mapped the abundance of crustaceans in the Bahía for IMCCW. Based on these three pieces of spatial information weighted as in Table 14, IMCCW developed a GIS model of likely hawksbill range in the Bahía de Jiquilisco (Figure 5) and validated it with the workshop participants.

Table 14. Factors and weights in a GIS model of hawksbill range in the Bahía de Jiquilisco.

Factor	Assigned Weight
Proximity to mangroves	.2
Proximity to known nest sites	.5
Proximity to known areas of shellfish abundance	.3
Constraint	Water areas inside the Bay of Jiquilisco

Figure 5. Hawksbill range within the Bahía de Jiquilisco.



The objective of IMCCW activities in the Bahía de Jiquilisco is to improve watershed scale management of ecosystems and natural resources using sea turtles as a charismatic species to catch and focus public attention. IMCCW is working with Jiquilisco communities to establish sea turtle egg conservation hatcheries, establish ecotourism as an economic alternative, improve the sustainability of fishing and shellfish and to increase environmental knowledge and awareness. IMCCW is also working with government agencies to improve enforcement of existing protection laws. IMCCW research is establishing a baseline of nesting beach habitat conditions to enable adaptive management, the foraging areas of adult sea turtles in the bay, and the sources of mortality of adult sea turtles. IMCCW has developed agreements with Jiquilisco communities to carry out priority activities to improve habitat conditions on their local sea turtle nesting beaches.

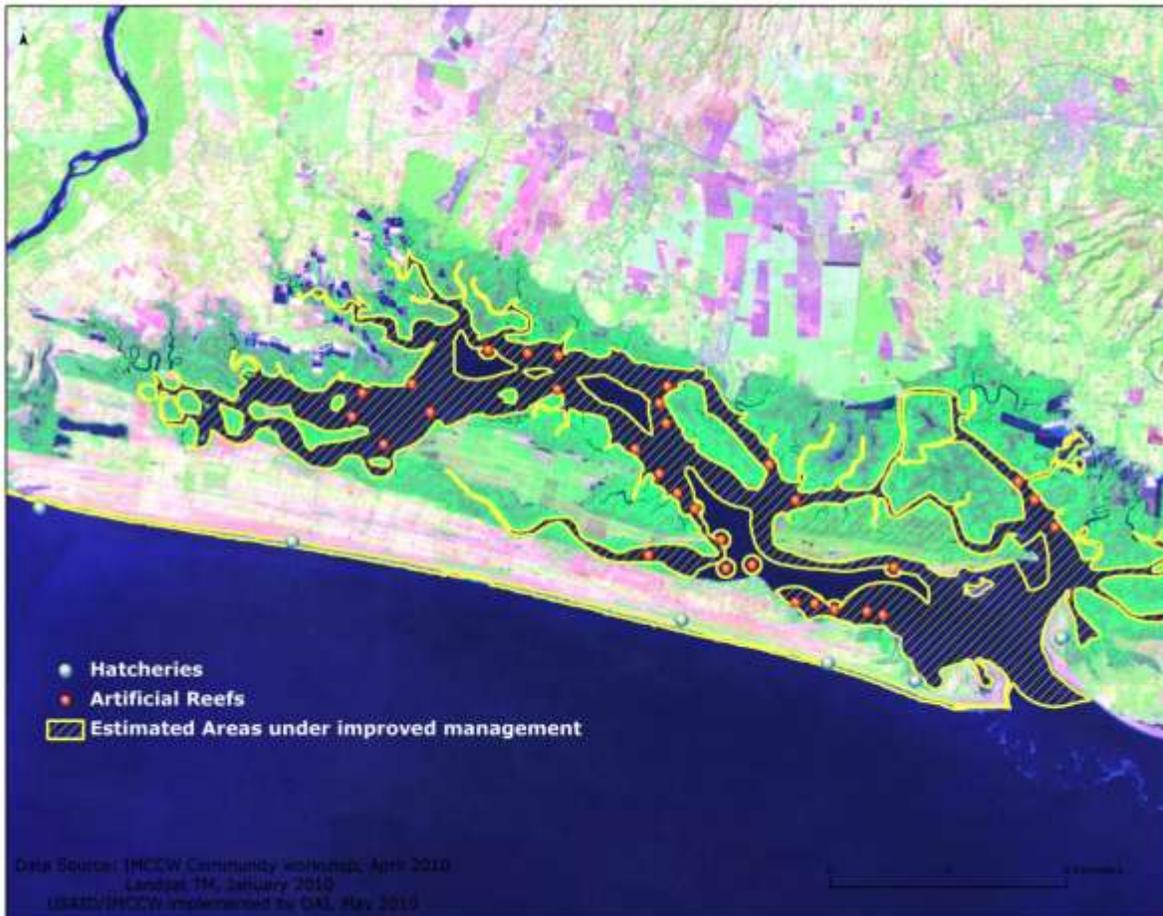
This set of IMCCW activities directly improves the management of natural resources and sea turtles in the

Bahía de Jiquilisco. IMCCW has estimated the area of improved management through a GIS model based on a non-overlapping union of:

- 1) 9,050 ha of open-water hawksbill range inside the bay;
- 2) 1,440 ha in a 300 m buffer around community-managed artificial reefs installed with IMCCW support;
- 3) 596 ha of coastal areas and beaches; and
- 4) 15,538 ha of mangroves some of which is hawksbill range, all of which is fish and shellfish habitat.

Under this model, IMCCW activities have improved management of 26,624 ha of biologically significant area in the Bahía de Jiquilisco (Figure 6).

Figure 6. Areas under improved natural resource management in the Bahía de Jiquilisco.

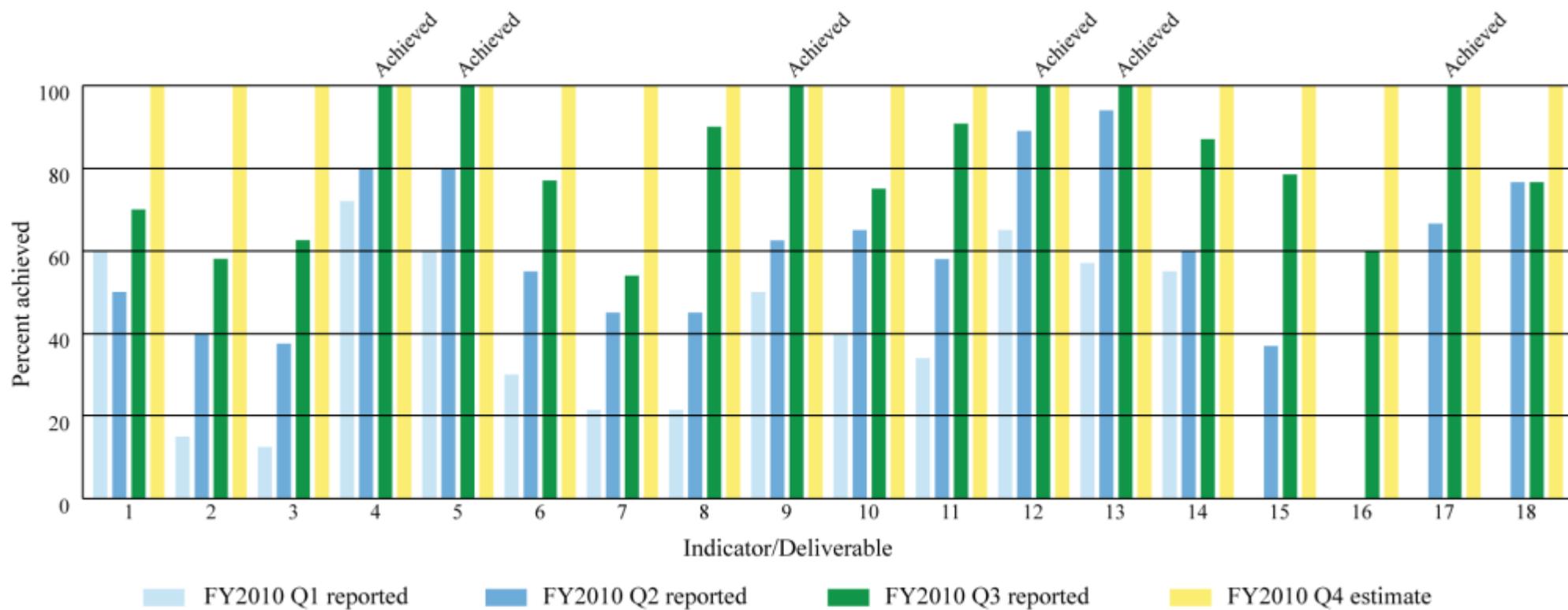


E. DELIVERABLE AND INDICATOR DATA: IMPROVED MANAGEMENT OF MONTECRISTO NATIONAL PARK

Table 15. Subcomponent E deliverable and indicator status

Component E: SUSTAINABLE MANAGEMENT OF MONTECRISTO NATIONAL PARK						
DESCRIPTION	LOP	Percent achieved				
		Q1	Q2	Q3	Q4	
DELIVERABLES						(Estimated)
1. Park Business Plan	1 draft	60%	50%	70%		100%
2. Park Decentralization Plan	1 draft	15%	40%	56%		100%
3. Payment for Environmental Services Scheme	1 draft	12.5%	37.5%	62.5%		100%
4. Research Stewardship Strategy for 20 years	1 draft	72%	80%	100%		100%
5. Biodiversity research joint venture program with at least one academic institution from the U.S.	1 draft	60%	80%	100%		100%
6. Concessions Management Plan	1 draft	30%	55%	77%		100%
7. Standardized pay schedules for all park positions	1 schedule	21.5%	45%	54%		100%
8. Visitor use carrying capacity assessment	1 assessment	40%	55%	90%		100%
9. Top-of-the-line Park Website	1 website	50%	62.5%	100%		100%
10. Assessment / feasibility study to determine actions with current park residents	1 assessment/feasibility study	40%	65%	75%		100%
INDICATORS						
11. Number of hectares of biological significance under improved management.	1,450 ha.	34%	58%	91%		100%
12. Park administration and financial system strengthened through sustainable increase of park income and complement of investments for long-term results.	100% of process leading to strengthening MNP administration and financial systems	65%	89%	152%		100%
13. Visitation experience improved measured by increase in visitors and complement of investments.	100% of process leading to improved visitation experience	57%	94%	182%		100%
14. Working relationship between MNP and 2 communities improved.	100% of process leading to MOU	55%	60%	87%		100%
15. Number of key park personnel and local inhabitants trained in natural resource management and biodiversity conservation	75 MNP staff & local residents	Men	0	9	7	
		Women	0	17	22	
		Total	0%	37%	78.6%	100%
16. Number of local inhabitants and park personnel trained in solid waste management	30 park personnel	Men	0	0	0	
		Women	0	0	3	
		Total	0%	0%	10%	100%
	60 local inhabitants	Men	0	0	37	
		Women	0	0	20	
		Total	0%	0%	95%	100%
17. Number of local volunteer park guides trained on orienting and educating tourists on park resources, activities and opportunities.	18 local residents	Men	0	16	16	
		Women	0	11	11	
		Total	0%	150%	150%	100%
18. Number of MNP brochures distributed	30,000 brochures	0%	76.6%	76.6%		100%
		Average	35%	60.5%	82%	100%

Figure 7. Deliverable and indicator achievement status of Subcomponent E: Improved Management of Montecristo National Park



F. DELIVERABLE AND INDICATOR COMMENTS, CALCULATIONS, AND TIMELINE: IMPROVED MANAGEMENT OF MONTECRISTO NATIONAL PARK

Deliverable 1: Draft of a Park Business Plan

Baseline: 0

LOP Target: 1 draft plan

FY 2010 Q1 status: 60%

FY 2010 Q2 status: 50%

FY 2010 Q3 status: 70%

Estimated FY 2010 Q4 status: 100%

LOP technical documentation:

- TOR for business plan consultant;
- consultancy contract;
- current draft of business plan;
- documentation of MNP business plan presentation to MARN;
- documentation of business plan implementation;
- USAID receipt of final business plan;

Deliverable 1 comments: 1) this deliverable was contracted to consultant Claudia Hasfura; 2) it was delayed by the need to obtain financial information from MARN and for results from the cypress harvesting study; 3) IMCCW has received a first and second draft from Hasfura and is preparing it for presentation to USAID and MARN;

Deliverable 1 achievement				
Action		Percentage contribution of action to deliverable	Percentage of action achieved	Percentage of deliverable achieved
1	Terms of reference written	10%	100%	10%
2	Budget established	10%	100%	10%
3	Consultant identified	10%	100%	10%
4	Consultant contracted	10%	100%	10%
5	Analysis 50% complete	10%	100%	10%
6	First draft prepared	10%	100%	10%
7	Draft presented to USAID and MARN	10%	50%	5%
8	Comments incorporated in final draft	10%	50%	5%
9	Final draft accepted by USAID	10%	0%	0%
10	Actions to implement recommendations initiated	10%	0%	0%
Current status				70%

Deliverable 1 timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												

Deliverable 2: Draft of a Park Decentralization Plan

Baseline: 0

LOP Target: 1 draft plan

FY 2010 Q1 status: 15%

FY 2010 Q2 status: 40%

FY 2010 Q3 status: 56%

Estimated FY 2010 Q4 status: 100%

LOP technical documentation:

- decentralization workplan;
- decentralization workplan;
- documentation of USAID and MARN comments;
- current draft of decentralization plan;
- documented USAID receipt of final decentralization plan;
- documentation of MARN receipt of final decentralization plan;

Deliverable 2 comments: 1) this deliverable is in its final stages of preparation;

Deliverable 2 achievement				
Action		Percentage contribution of action to deliverable	Percentage of action achieved	Percentage of deliverable achieved
1	IMCCW staff team identified	10%	100%	10%
2	Work plan prepared	10%	100%	10%
3	Existing institutional arrangements, regulations and responsibilities analyzed	15%	100%	10%
4	Draft decentralization plan prepared	20%	80%	16%
5	Draft decentralization plan presented to MARN and USAID	10%	50%	10%
6	MARN and USAID comments incorporated into decentralization plan	15%	0%	0%
7	Final decentralization plan presented to MARN	10%	0%	0%
8	Implementation of decentralization plan begun	10%	0%	0%
Current status				56%

Deliverable 2 timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8												

Deliverable 3: Draft of a Payment for Environmental Services Scheme provided by the San José River to the municipality of Metapan

Baseline: 0

LOP Target: 1 draft plan

FY 2010 Q1 status: 12.5%

FY 2010 Q2 status: 37.5%

FY 2010 Q3 status: 62.5%

Estimated FY 2010 Q4 status: 100%

LOP technical documentation:

- final hydrological study;
- documentation of presentation of hydrological study to implementing stakeholders;
- signed contract to develop a PES scheme;
- current draft of PES scheme;
- documented presentation of PES scheme to stakeholders, MARN, and USAID;
- documented presentation of final PES scheme to implementing stakeholders, MARN, and USAID;
- documentation of PES scheme acceptance by implementing stakeholders;
- documentation PES scheme implementation

Deliverable 3 comments: 1) IMCCW has contracted consultant José Roberto Duarte to produce this deliverable; 2) Duarte has completed the hydrological study that quantifies the volume and market value of water production from MNP and surrounding watersheds; 3) Duarte has developed a draft PES in part through discussion with stakeholders; 4) water user stakeholders such as ANDA, Holsim, etc. have verbally agreed to sign a statement recognizing the value of environmental services; 5) Duarte is coordinating the final workshop in Q4 to present and agree on a final PES scheme;

Deliverable 3 achievement				
Action		Percentage contribution of action to deliverable	Percentage of action achieved	Percentage of deliverable achieved
1	Hydrological study completed	12.5	100%	12.5%
2	Hydrological study presented to stakeholders	12.5	75%	9.38%
3	Consulting contract prepared and signed to develop PES	12.5	100%	12.5%
4	First draft PES scheme developed	12.5	100%	12.5%
5	PES scheme presented to stakeholders, MARN, and USAID	12.5	75%	9.4%
6	Comments incorporated in revised PES scheme	12.5	50%	6.25%
7	Final PES scheme presented to implementing stakeholders	12.5	0%	0%
8	Final PES scheme acceptance by implementing stakeholders	12.5	0%	0%
Current status				62.5%

Deliverable 3 timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8												

Deliverable 4: Draft of a Research Stewardship Strategy for 20 years

Baseline: 0

LOP Target: 1 draft plan

FY 2010 Q1 status: 72%

FY 2010 Q2 status: 80%

FY 2010 Q3 status: 100%

Estimated FY 2010 Q4 status: 100%

LOP technical documentation:

- RSS TOR;
- Signed contract to develop a RSS with SalvaNatura;
- Current draft of RSS;
- Documented MARN receipt of final RSS;
- Documented USAID receipt of final RSS

Deliverable 4 comments: 1) IMCCW considers that this deliverable is achieved;

Deliverable 4 achievement				
Action	Percentage contribution of action to deliverable	Percentage of action achieved	Percentage of deliverable achieved	
1	Terms of reference agreed upon	10%	100%	10%
2	STTA identified	10%	100%	10%
3	Consultant Contracted	10%	100%	10%
4	Analysis of existing research stewardships begun	10%	100%	10%
5	Analysis of existing research stewardships completed	10%	100%	10%
6	Draft complete	10%	100%	10%
7	Results presented USAID and MARN	10%	100%	10%
8	Comments incorporated	10%	100%	10%
9	Report presented to MARN	10%	100%	10%
10	Report presented to USAID	10%	100%	10%
Current status				100%

Deliverable 4 timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												

Deliverable 5: Draft of biodiversity research joint venture program with at least one academic institution from the United States of America

Baseline: 0

LOP Target: 1 draft plan

FY 2010 Q1 status: 60%

FY 2010 Q2 status: 80%

FY 2010 Q3 status: 100%

Estimated FY 2010 Q4 status: 100%

LOP technical documentation:

- Research MOU TOR;
- Signed contract to develop a research MOU with SalvaNatura;
- Current draft of research MOU;
- MOU signed by US research institution;
- MOU signed by MARN;
- Documentation of MOU implementation;
- Documented USAID receipt of final report on a MNP research MOU;

Deliverable 5 comments: 1) Both MARN and the College of Charleston have agreed to the text of an agreement; 2) Coordinating a signing by both institutions will occur in Q4;

Deliverable 5 achievement				
Action		Percentage contribution of action to deliverable	Percentage of action achieved	Percentage of deliverable achieved
1	Terms of reference agreed upon	10%	100%	10%
2	STTA identified	10%	100%	10%
3	Consultant contracted	10%	100%	10%
4	Analysis of existing joint ventures begun	10%	100%	10%
5	Analysis of existing joint ventures completed	10%	100%	10%
6	MOU draft complete	10%	100%	10%
7	Research MOU draft presented to MARN	10%	100%	10%
8	Research MOU draft presented to US institutions	10%	100%	10%
9	MOU signed by research institution and MARN	10%	100%	10%
10	Report received by USAID	10%	100%	10%
Current status				100%

Deliverable 5 timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												

Deliverable 6: Draft of a Concessions Management Plan based on Concessions Management Training/Workshop held at park to help the park with its own financial sustainability

Baseline: 0

LOP Target: 1 draft plan

FY 2010 Q1 status: 30%

FY 2010 Q2 status: 55%

FY 2010 Q3 status: 77%

Estimated FY 2010 Q4 status: 100%

LOP technical documentation:

- Concessions best practices study;
- Concessions development workplan;
- Signed consultant contract to prepare a Casco Viejo concession feasibility study;
- Signed consultant contract to prepare legal recommendations to allow concessions within MNP;
- Current draft of concessions business plan;
- Current draft of concessions legal analysis;
- Documented MARN receipt of final Casco Viejo concession feasibility study;
- Documented MARN receipt of final legal recommendations to allow concessions within MNP;
- Documented USAID receipt of final Casco Viejo concession feasibility study;
- Documented USAID receipt of final legal recommendations to allow concessions within MNP;

Deliverable 6 comments: 1) IMCCW has contracted Claudia Hasfura to prepare a feasibility analysis of a concession (restaurant or hotel) that uses the Casco Viejo, pays fees to MNP, and employs local staff; 2) IMCCW considers that this deliverable will be achieved in Q4; 2) MARN and Vice-minister Pohl have expressed support in principle for private sector involvement in developing the potential of MNP; 3) IMCCW does not expect to be able to implement a concession in MNP;

Deliverable 6 achievement				
Action		Percentage contribution of action to deliverable	Percentage of action achieved	Percentage of deliverable achieved
1	Concessions best practices study completed	11%	100%	11%
2	Develop a concessions development workplan	11%	100%	11%
3	Identify and contract a business planner to work on concessions business plan	11%	100%	11%
4	Identify and contract a legal advisor to work on concessions legal plan	11%	100%	11%
5	Develop first draft concessions legal plan	11%	100%	11%
6	Develop first draft concessions business plan	11%	100%	11%
7	MNP concessions legal proposal completed	11%	50%	5.5%

Deliverable 6 achievement				
Action		Percentage contribution of action to deliverable	Percentage of action achieved	Percentage of deliverable achieved
8	MNP concessions business proposal completed	11%	50%	5.5%
9	MNP concessions legal and business plans presented to USAID and MARN	12%	0%	0%
Current status				77%

Deliverable 6 timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												

Deliverable 7: Standardized pay schedules for all park positions

Baseline: 0

LOP Target: 1 schedule

FY 2010 Q1 status: 21.5%

FY 2010 Q2 status: 45%

FY 2010 Q3 status: 54%

Estimated FY 2010 Q4 status: 100%

LOP technical documentation:

- Written analysis of current structure;
- Current draft of pay schedule proposal;
- Documented MARN receipt of final pay schedule proposal;
- Documented USAID receipt of final pay schedule proposal;

Deliverable 7 comments: 1) IMCCW considers that the achievement of this deliverable is on schedule and sees no significant risk of delays;

Deliverable 7 achievement				
Action		Percentage contribution of action to deliverable	Percentage of action achieved	Percentage of deliverable achieved
1	Analysis of current structure completed	15%	100%	15%
2	Develop minimum and ideal functional structures	15%	100%	15%
3	Draft schedule completed	15%	90%	14%
4	Draft pay schedule presented to USAID and MARN	20%	50%	10%
5	USAID and MARN comments incorporated in a draft revision	15%	0%	0%
6	Final pay schedule presented to USAID and MARN	20%	0%	0%
Current status				54%

Deliverable 7 timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												

Deliverable 8: Draft of a Visitor Use Carrying Capacity assessment

Baseline: 0

LOP Target: 1 LAC assessment

FY 2010 Q1 status: 40%

FY 2010 Q2 status: 55%

FY 2010 Q3 status: 90%

Estimated FY 2010 Q2 status: 100%

LOP technical documentation:

- STTA SOW;
- Current draft of LAC assessment;
- Documentation of validation with MNP staff and local stakeholders;
- Documentation of validation with MARN;
- Documented MARN receipt of final LAC proposal;
- Documented USAID receipt of final LAC proposal;

Deliverable 8 comments: 1) IMCCW sees no risk that it will not achieve this deliverable; 2) developing a LAC assessment has taken longer than expected with the delays due to the need to coordinate closely with MARN and MNP staff and a long, many times re-scheduled process of validation; 3) the LAC proposal document needed extensive Spanish editing which was another source of delays; 4) the final document is being edited for final presentation to MARN and USAID in Q4;

Deliverable 8 achievement				
Action		Percentage contribution of action to deliverable	Percentage of action achieved	Percentage of deliverable achieved
1	Selection of STTA to execute assessment	10%	100%	10%
2	Analysis of current capacity proposed by existing mgmt. plan	10%	100%	10%
3	Develop first draft new carrying capacity proposal	10%	100%	10%
4	Develop indicators and standards for monitoring	10%	100%	10%
5	Validation of LAC proposal draft among MNP staff and local stakeholders	10%	100%	10%
6	Validation of LAC proposal draft with MARN	10%	100%	10%
7	LAC proposal draft presented to MARN	10%	100%	10%
8	MARN comments incorporated in final LAC proposal	10%	100%	10%
9	Final LAC proposal document presented to MARN	10%	50%	5%
10	Final LAC proposal document presented to USAID	10%	50%	5%
Current status				90%

Deliverable 8 timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												

Deliverable 9: A top-of-the-line Park Website to promote, inform, educate, and prepare visitors designed and developed.

Baseline: 0

LOP Target: 1 MNP website

FY 2010 Q1 status: 50%

FY 2010 Q2 status: 62.5%

FY 2010 Q3 status: 100%

Estimated FY 2010 Q4 status: 100%

LOP technical documentation:

- MNP website design TOR;
- Website designer contract;
- Documentation of current website design;
- Documentation of presentation of website to MARN;
- Documentation of website functionality and links to EcoExperiencias marketing website;
- Documentation of final MNP website report to USAID;

Deliverable 9 comments: 1) IMCCW considers this deliverable achieved; 2) The website design was developed with the participation of MARN’s communications director and reflects her comments and those of other MARN staff; 3) MARN Vice-minister Lina Pohl rejected the final design because it did not conform to standard GOES information websites; 4)

Deliverable 9 achievement				
Action		Percentage contribution of action to deliverable	Percentage of action achieved	Percentage of deliverable achieved
1	Terms of reference written	12.5%	100%	12.5%
2	STTA identified	12.5%	100%	12.5%
3	Website development workplan prepared	12.5%	100%	12.5%
4	Website designer contract signed	12.5%	100%	12.5%
5	Website design	12.5%	100%	12.5%
6	Draft website design presented to USAID and MARN	12.5%	100%	12.5%
7	USAID and MARN comments incorporated into website update	12.5%	100%	12.5%
8	Final website design presented to MARN and USAID	12.5%	100%	12.5%
Current status				100%

Deliverable 9 timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8												

Deliverable 10: Draft of an assessment/feasibility study to determine what actions should be taken to either manage the two communities, San José Ingenio/Majaditas, within the park in a sustainable manner or take steps to relocate these populations out of the park.

Baseline: 0

LOP Target: 1 assessment/feasibility study

FY 2010 Q1 status: 40%

FY 2010 Q2 status: 65%

FY 2010 Q3 status: 75%

Estimated FY 2010 Q4 status: 100%

LOP technical documentation:

- Final Phase I report;
- Documentation of Phase I report presentation to MARN;
- Documentation of Phase I report presentation to MARN;
- Documentation of Phase II fieldwork;
- Final assessment report;
- Documentation of assessment report presentation to MARN;
- Documentation of assessment report presentation to USAID;

Deliverable 10 comments: 1) IMCCW considers that progress achieving this indicator is acceptable; 2) Phase II field work is done and the technical reports are in final revision; 3) IMCCW will circulate these reports to MARN and USAID in Q4; 4) the final assessment report will summarize the conclusions of these technical reports and provide implementable recommendations to MARN on how to manage and improve relations with the MNP communities;

Deliverable 10 achievement				
Action		Percentage contribution of action to deliverable	Percentage of action achieved	Percentage of deliverable achieved
1	Phase I field work begun	10%	100%	10%
2	Phase I field work completed	10%	100%	10%
3	Phase I report presented to MARN	10%	100%	10%
4	Phase I report presented to USAID	10%	100%	10%
5	Phase II field work begun	10%	100%	10%
6	Phase II field work completed	10%	100%	10%
7	Draft assessment report prepared and circulated for comments	10%	100%	10%
8	Final assessment report prepared	10%	50%	5%
9	Assessment report presented to MARN and USAID	10%	0%	0%
10	Assessment report recommendations presented to communities	10%	0%	0%
Current status				75%

Deliverable 10 timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												

Indicator 11. Number of hectares of biological significance under improved management.

LOP target: 1,450 hectares

Baseline: 0

LOP Target: 1,450 hectares

FY 2010 Q1 status: 34%; 572 ha

FY 2010 Q2 status: 58%; 842 ha

FY 2010 Q3 status: 91%; 1,316 ha

Estimated FY 2010 Q3 status: 100%; 1450 ha

LOP technical documentation:

- BSA zones mapped into GIS;
- Final BSA zonation;
- Final BSA carrying capacity;
- Documentation of trails through BSA;
- Documentation of guide training in BSA natural history and ecological significance;
- Final MNP park regulation recommendations;
- Documentation of landscape restoration training;
- Documentation of MNP resident training in BSA natural history and ecological significance;
- Documentation of MNP staff training in BSA natural history and ecological significance;

Deliverable 11 comments: 1) IMCCW considers progress on Deliverable 11 acceptable;

Deliverable 11 achievement					
Action	Percentage value of action towards achieving indicator	BSA affected by action (ha)	Percentage of action achieved	Percentage of indicator achieved	
1	Map BSA zones into a GIS	10%	1450	100%	145
2	Propose park BSA zoning	10%	1450	100%	145
3	Propose appropriate carrying capacity for all BSA	10%	1450	100%	145
4	Propose park regulations covering BSA	10%	1450	100%	145
5	Develop 3km of trails through BSA	10%	1450	67%	91.2
6	Train tourism guides in the natural history and ecological significance of BSA	10%	1450	100%	145
7	Improved interpretative signage in BSA	10%	1450	60%	87
8	Landscape restoration training in BSA	10%	1450	100%	145
9	Provide resident community environmental education and training in BSA	10%	1450	100%	145
10	Provide park personnel training environmental education and training in BSA	10%	1450	85%	123
CURRENT STATUS			95%	1,266ha	

Deliverable 11 timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												

Indicator 12: Park administration and financial systems strengthened.

Baseline: \$36,200;

LOP target: Park revenue increased by 150% = \$90,500/year

FY 2010 Q1 status: 65%; \$58,884

FY 2010 Q2 status: 89%; \$80,884

FY 2010 Q3 status: 152%; \$137,525

Estimated FY 2010 Q4 status: 160%; \$144,800

LOP technical documentation:

- Documentation of total FY 2010 entrance fees to date;
- Documentation of any authorization fees to date;
- Documentation of any PES payments to date;
- Documentation of goods and services payments to date;
- Documentation of other income to date;
- Final signage plan and documentation of implementation;
- Final MNP website design;
- Final brochure designs and documentation of distribution;
- Documentation of guides training;
- Final MNP carrying capacity proposal;
- Final MNP re-zoning plan and map;
- Documentation of infrastructure rehabilitation;
- Final authorization business plan;
- Final authorization legal plan;
- Signed MOU with research institution;
- Final plan for future MNP improvements;

Deliverable 12 comments: 1) method of measuring Deliverable 12 achievement is based on the FY 2010 workplan; 2) MNP entrance fee and sales income for Q3 are official MARN records; 3) the contributions of individual actions to long-term income in Part B are IMCCW estimates;

Indicator 12 achievement								
PART A: Short-term, recorded income improvement (50% OF LOP target)								
		Recorded MNP income FY 2010 Q1	Recorded MNP income FY 2010 Q2	Estimated MNP income FY 2010 Q3	Recorded MNP income FY 2010 Q4	Total recorded MNP revenue (\$)	Percentage of Part A target (\$45,250) achieved	Percentage contribution to indicator target (\$90,500) achieved
1	Entrance Fees	\$13,166	\$20,000	\$9,190	0	\$42,356	94%	47%
2	Tourism Authorizations (concessions)	0	0	0	0	0	0%	0%
3	Payment for Environmental Services	0	0	0	0	0	0%	0%
4	Sales of Goods and Services	\$468	\$2,000	\$601	0	\$3,069	7%	3%
5	Other Income Resulting from Project Efforts	0	0	0	0	0	0%	0%
Part A subtotal		\$13,634	\$22,000	\$9,791	0	\$45,425	100%	50%

Indicator 12 achievement								
PART B: investments for long-term income improvement (50% OF LOP target)								
		Estimated contribution of action to long-term income	Value of action towards achieving Part B	Percentage of action achieved	Percentage of Part B achieved	Estimated future MNP income achieved	Percentage of Part B target (\$45,250) achieved	Percentage contribution to indicator target (\$90,500) achieved
1	Website designed	\$10,000	22%	100%	22%	\$10,000	22%	11%
2	Facilities used by visitors enhanced (trails, camping and picnic sites)	\$15,000	33%	90%	30%	\$13,500	30%	15%
3	Concession plan completed	\$30,000	66%	77%	51%	\$23,100	51%	26%
4	Research agreement(s) achieved with US academic institution(s)	\$10,000	22%	85%	19%	\$8,500	19%	9%
5	Signage plan completed	\$2,000	4%	100%	4%	\$2,000	4%	2%
6	30,000 brochures distributed	\$10,000	22%	40%	9%	\$4,000	9%	4%
7	Guides trained	\$10,000	22%	100%	22%	\$10,000	22%	11%
8	Carrying capacity reviewed and adjusted	\$10,000	22%	80%	18%	\$8,000	18%	9%

Indicator 12 achievement								
PART B: investments for long-term income improvement (50% OF LOP target)								
9	Park zoning reviewed and adjusted	\$5,000	11%	100%	11%	\$5,000	11%	6%
10	Plans for future improvements developed	\$10,000	22%	80%	18%	\$8,000	18%	9%
Part B subtotal		\$112,000	\$112,000			\$92,100	204%	50%
MNP income recorded and estimated from investments							\$137,525	
Percentage of indicator achieved through short term and long term results							152%	

Indicator 12 part B timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												

Indicator 13: Visitation experience improved

Baseline: 12,000 visitors

LOP target: Level of park visitors increased by 75% = 21,000 visitors/FY 2010

FY 2010 Q1 status: target 57% achieved = 11,982

FY 2010 Q2 status: target 94% achieved = 19,832

FY 2010 Q3 status: target 182% achieved = 39,912

Estimated FY 2010 Q4 status: target 200% achieved = 42,000 visitors

LOP technical documentation:

- Documentation of total FY 2010 entrance fees to date;
- Documentation of any authorization fees to date;
- Documentation of any PES payments to date;
- Documentation of goods and services payments to date;
- Documentation of other income to date;
- Final signage plan and documentation of implementation;
- Final MNP website design;
- Final brochure designs and documentation of distribution;
- Documentation of guides training;
- Final MNP carrying capacity proposal;
- Final MNP re-zoning plan and map;
- Documentation of infrastructure rehabilitation;
- Final authorization business plan;
- Final authorization legal plan;
- Signed MOU with research institution;
- Final plan for future MNP improvements;

Deliverable 13 comments: 1) MARN withheld approval of some planned infrastructure improvements; 2) IMCCW will continue with trail-building, camping area improvements, and interpretive signage in Q4; 3) MNP administration has asked that IMCCW help rebuild the entrance bridge in Q4; IMCCW will provide this support dependent on timely MARN approval;

Indicator 13 achievement								
PART A: Sustainable increase in visitors to MNP (= 50% of indicator target)								
		Total number of visitors FY 2010 Q1	Total number of visitors FY 2010 Q2	Total number of visitors FY 2010 Q3	Total number of visitors FY 2010 Q4	Total number of visitors FY 2010	Percentage of Part A target achieved	Part A percentage contribution to indicator achieved
1	Number of visitors to MNP	4332	5000	3318		12650	120%	60%
Part A Total		4,332	4,332	3,318		12,650	120%	50%

Indicator 13 achievement						
PART B: Actions to achieve long-term results (= 50% of indicator target = 10,500)						
	Action	Value of action towards achieving Part B	Percentage of action achieved	Percentage contribution of action to indicator	Estimate of action's contribution to future visitation	Part B achieved (future visitation)
1	Signage plan completed	10%	100%	10%	1,500	1500
2	MNP website designed	10%	100%	10%	6,000	6000
3	Percentage of 30,000 brochures distributed	10%	40%	4%	1,000	400
4	Guides trained	10%	100%	10%	2,000	2000
5	Carrying capacity reviewed and adjusted	10%	100%	10%	3,000	3000
6	Park zoning reviewed and adjusted	10%	100%	10%	1,000	1000
7	Visitor facilities enhanced (trails, camping and picnic sites)	10%	90%	9%	6,000	5400
8	Concession plan completed	10%	90%	9%	5,000	4500
9	Research agreement(s) signed with US academic institution(s)	10%	90%	9%	200	180
10	Plans for future improvements developed	10%	80%	8%	2,000	1600
Part B Total		100%	89%	89%	27,700	25,580
Percent of Part B target (10,500) achieved						244%
Sum of visitors (Part A recorded) and visitor-equivalents (Part B estimated)						38,230
Achievement status						182%

Indicator 13 part B timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												

Indicator 14: Working relationship between MNP and two communities improved

Baseline: Zero

LOP target: 1 MOU signed between San José Ingenio, Majaditas and MARN

FY 2010 Q1 status: 55%

FY 2010 Q2 status: 60%

FY 2010 Q3 status: 87%

Estimated FY 2010 Q4 status: 100%

LOP technical documentation:

- Phase 1 MNP community study report
- Written list of rights and responsibilities and pilot mitigation activities agreed upon between MARN and MNP communities
- Conflict resolution action plan
- Contract with a consultant to lead conflict resolution process
- Documentation of mitigation measures with MNP communities
- Documentation of environmental education with MNP communities
- Written report on household survey of MNP communities
- Documentation of conflict resolution workshops with MARN and MNP communities
- MOU signed by MARN and MNP communities

Indicator 14 comments: 1) IMCCW continues to follow a conflict resolution process working with residents of the MNP communities and MARN in frequent meetings; 2) part of this process has been to collect accurate socio-economic statistics about the communities; 3) IMCCW has worked closely with MARN to develop updated and appropriate park regulations, but MARN's internal approval process has been slow; 4) IMCCW expects to conclude this lengthy process in Q4 with a agreement signed by MARN and legitimate community representatives;

Indicator 14 Progress				
Action		Percentage value of action towards achieving indicator	Percentage of action achieved	Percentage of indicator achieved
1	Phase 1 MNP community study	10%	100%	10%
2	Phase 2 MNP community study	10%	100%	10%
3	Written list of rights and responsibilities and pilot mitigation activities agreed upon between MARN and MNP communities	10%	100%	10%
4	Implement mitigation measures with MNP communities	10%	100%	10%
5	Develop a conflict resolution action plan	10%	100%	10%
6	Contract a consultant to lead conflict resolution process	10%	100%	10%
7	Implement environmental education with MNP communities	10%	100%	10%
8	Design and implement household survey of MNP communities	10%	100%	10%
9	Implement conflict resolution workshops with MARN and MNP communities	10%	70%	7%
10	Memorandum of Understanding signed by MARN and MNP communities	10%	0%	0%
CURRENT STATUS				87%

Indicator 14 timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												

6											
7											
8											
9											
10											

Indicator 15: Number of key park personnel and local inhabitants trained in Natural Resource Management and biodiversity conservation

Baseline: 0

LOP target: 75 persons (gender disaggregated)

FY 2010 Q1 status: 0%

FY 2010 Q2 status: 35%

FY 2010 Q3 status: 85%

Estimated FY 2010 Q4 status: 100%

LOP technical documentation:

- Documentation of NR management and biodiversity conservation training

Indicator 15 comments: 1) IMCCW considers that the achievement of this deliverable is on schedule and sees no significant risk of delays; 2) there are some duplicate participants resulting in the LOP target not yet being fully achieved; 3) more training will take place in Q4 with a different set of local community participants;

Indicator 15 Progress							
Date	Instructors	Topic	Participants	Female	Male	Total	Person-days
1 Feb	Craig MacFarland; Juan Pablo Dominguez	MNP Zoning	MNP staff, MNP administration	9	17	26	26
2 Feb	Craig MacFarland; Juan Pablo Dominguez	MNP Limits of Acceptable Change, Carrying Capacity	MNP staff, MNP administration; MARN; San Diego de la Barra NP; Plan Trifinio staff from El Salvador, Guatemala, & Honduras	9	17	26	26
1-4 April	Craig MacFarland	ROVAP and LAC	Technical staff from MARN, MNP staff, PA co-management NGOs, and local community	7	22	29	87
Totals				25	56	81	139

Indicator 16: Number of local inhabitants and park personnel trained in solid waste management

Baseline: 0

LOP target: 60 local inhabitants 30 park personnel (both gender disaggregated)

FY 2010 Q1 status: 0%

FY 2010 Q2 status: 0%

FY 2010 Q3 status: 60%

Estimated FY 2010 Q4 status: 100% achieved

LOP technical documentation:

- Solid waste study of MNP
- Solid waste management plan for MNP
- Documentation of solid waste management training

Indicator 16 comments: 1) IMCCW considers that the achievement of this deliverable is on schedule and sees no significant risk of delays; 2) both park personnel and local residents have received training in solid waste management as components of other training given by IMCCW; 3) to supplement this, formal training focused on solid waste management is planned for FY 2010 Q4;

Indicator 16 Progress							
Date	Solid Waste Management Training Description	Key Park Personnel		Local Inhabitants		Total	
		Male	Female	Male	Female	Male	Female
April 15	Majaditas community			37	20	0	0
April 18	San José Ingenio community			40	18		
April 26	Unidad de Desechos Sólidos de MARN		3				
Total			3	77	38	77	41

Indicator 17: Number of local volunteer park guides trained on orienting and educating tourists on park resources, activities, and opportunities

Baseline: 0

LOP target: 18 volunteer guides (gender disaggregated)

FY 2010 Q1 status: 0%

FY 2010 Q2 status: 150%

FY 2010 Q3 status: >100%

Estimated FY 2010 Q4 status: >100%

LOP technical documentation:

Documentation of guide training

Indicator 17 comments: 1) IMCCW considers this deliverable achieved;

Indicator 17 Progress						
Date	Instructors	Topic	Female	Male	Total	Person-days
15 – 18 Feb	Marta Lilian Quezada; Julieta Castillo	Basic knowledge of Ecology and the Environment	11	16	27	54
19 & 26 Feb	Vladlen Henríquez; Marta Lilian Quezada; Julieta Castillo	Field identification of Montecristo reptiles and amphibians – classroom training and field trips	11	16	27	54
22 & 23 Feb	Luis Girón; Melisa Rodríguez; Marta Lilian Quezada; Julieta Castillo	Field identification of Montecristo mammals and their tracks – classroom training and field trips	11	16	27	54
24 & 25 Feb	José Linares, Marta Lilian Quezada; Julieta Castillo	Field identification of Montecristo plants – classroom training and field trips	11	16	27	54
1-5 Mar	Clyde Stonaker; Metapan Red Cross	Search and Rescue	11	16	27	135
10-12 Mar	Clyde Stonaker; Metapan Red Cross	First Aid; Cartography/Maps/Compass/GPS	11	16	27	81
15-19 Mar	Eduardo Galicia; Julieta Castillo	Tourism in protected areas	11	16	27	54
22 Mar	Roselvy Juárez; Julieta Castillo	Field identification of Montecristo birds – classroom training and field trips	8	14	22	22
23-24 Mar	José Linares; Marta Lilian Quezada; Julieta Castillo	Field identification of Montecristo plants – classroom training and field trips	8	14	22	66
25-26 Mar	Eduardo Galicia; Julieta Castillo	Environmental interpretation	8	14	22	44
29-31 Mar	Eduardo Galicia; Julieta Castillo	Environmental interpretation: Group management in natural protected areas	8	14	22	66
1-4 Apr	Eduardo Galicia; Julieta Castillo	Supervised practice managing groups	8	14	22	88
Totals			11	16	27	772

Indicator 18: Number of MNP brochures distributed

Baseline: 0

LOP target: 30,000 copies

FY 2010 Q1 status: 0%

FY 2010 Q2 status: 76.6%

FY 2010 Q3 status: 76.6%

Estimated FY 2010 Q4 status: 100%

LOP technical documentation:

- Final insert design;
- Final promotional bookmark design;
- Final MNP field pamphlet designs;
- Documentation of brochure distribution

Indicator 18 comments: 1) Achievement of this deliverable was delayed because the designs of the MNP materials, although reviewed and approved by MARN's communications director, was not reviewed by MARN's Vice-minister and she stopped any further distribution; 2) IMCCW is nearing final review and approval (including of the Vice-Minister) of five species identification brochures on MNP birds, common trees, common wildflowers, mammals, and reptiles, and a MNP visitor guide; 3) Once the species identification brochure designs are fully approved by MARN, IMCCW will provide them to MNP for sale to visitors in Q4; 4) Once the visitor guide brochure design is fully approved by MARN, IMCCW will distribute at least 7,000 copies as a newspaper insert and through other means;

Indicator 18 achievement					
Brochure description	Recipient	Probable Distribution Site/ Public	No. Printed	No. Distributed	Percentage of target
Montecristo promotional newspaper insert	General public	Newspapers	20,000	20,000	66.6%
Montecristo promotional bookmark	General public	AgroExpo 2010	3,000	3,000	10%
Total			23,000	23,000	76.6%

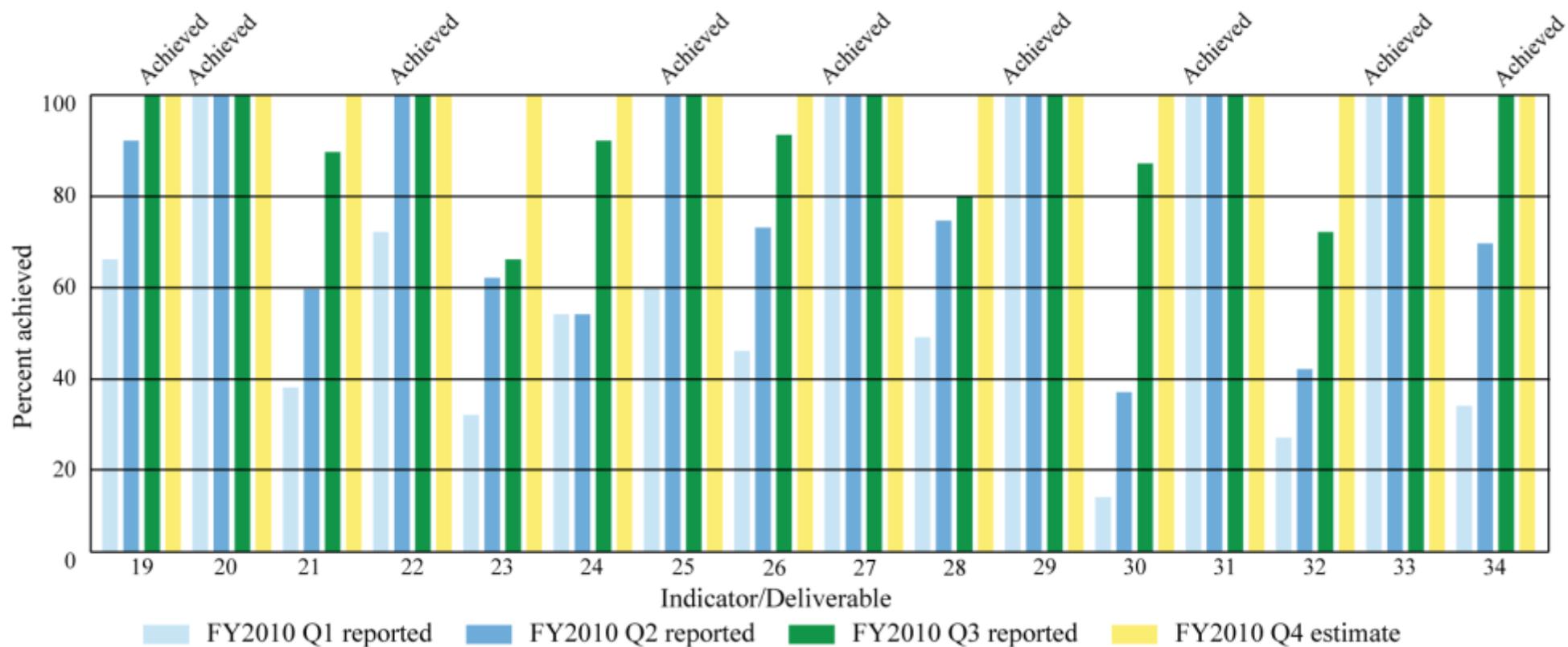
G. DELIVERABLE AND INDICATOR DATA: SPECIES-BASED CONSERVATION OF LOWER WATERSHEDS

Table 16. Subcomponent F deliverable and indicator status

Component F: Species-based Conservation of Lower Watersheds							
DESCRIPTION	LOP	Percent achieved					
		Q1	Q2	Q3	Q4		
DELIVERABLES					(estimate)		
19. Business and institutional development plan	1 plan	64%	90%	100%	100%		
20. Clear legislation for sea turtle conservation	1 draft	25%	100%	100%	100%		
21. Management Plans for protected beaches	2 draft management plans	36%	57.5%	85%	100%		
22. Manual on hatchery operation	1 manual	70%	100%	100%	100%		
23. Technical report on biological aspects of sea turtles and priority geographic areas for sea turtle conservation	1 technical report	30%	60%	64%	300%		
24. Nationwide marine turtle stranding network protocol	1 plan	52%	52%	100%	100%		
INDICATORS							
25. Number of kilometers of coastline under improved sea turtle management.	100 km	58%	124%	161%	161.5%		
26. Capacity of institutions to manage nationwide sea turtle research and conservation program increased.	1 organizational structure with 1 strategic plan	44%	71%	87.5%	100%		
27. Sea turtle egg consumption by San Salvador residents reduced.	25% reduction	355%	272%	272%	272%		
28. Protected beaches established through Executive Decree or equivalent	2 protected beaches	47%	75%	85%	100%		
29. Number of sea turtle hatchlings released through public and private partnerships increased.	300% increase	102%	112.8%	112.8%	130%		
30. A nationwide national marine turtle stranding network implemented.	1 network	12%	35%	70%	100%		
31. Number of public outreach campaigns implemented.	1 campaign	100%	100%	200%	200%		
32. Clear legislation or regulation that supports sea turtle breeding season bans on turtle egg consumption drafted	1 draft	25%	40%	70%	100%		
33. Number of people trained from various institutions on sea turtle law enforcement and management.	150 people trained	Men	584	270%	465%	465%	>465%
		Women	131				
		Total	697				
34. Public and private hatchery network established with at least 20 ongoing and newly established hatcheries.	1 private and public hatchery network	32%	67.5%	100%	100%		
Average*		61%	82%	94%	100%		

*Average calculated setting all percentages over 100% to 100%.

Figure 8. Deliverable and indicator achievement status of Subcomponent F: Species-based Conservation of Lower Watersheds



H. DELIVERABLE AND INDICATOR COMMENTS, CALCULATIONS, AND TIMELINE: SPECIES-BASED CONSERVATION OF LOWER WATERSHEDS

Deliverable 19: Business and institutional development plan for the institution which implements the national sea turtle research and conservation program, including sustainable mechanisms for long-term conservation of endangered marine species.

Baseline: 0

LOP Target: 1 business plan; 1 institutional development plan

FY 2010 Q1 status: 64%

FY 2010 Q2 status: 90%

FY 2010 Q3 status: 100%

Estimated FY 2010 Q4 status: 100%

LOP technical documentation:

- FUNZEL institutional development TOR;
- Documentation of FUNZEL institutional analysis workshops;
- Final FUNZEL institutional development plan;
- Documentation of FUNZEL institutional development plan implementation;
- FUNZEL business plan TOR;
- Final FUNZEL business plan;
- Documentation of FUNZEL business plan implementation;

Deliverable 19 comments: 1) FUNZEL status summary; 2) institutional structure has changed to focus on a sea turtle conservation program under FIAES;

Deliverable 19 achievement				
Action		Percentage contribution of action to deliverable	Percentage of action achieved	Percentage of deliverable achieved
1	Institutional development plan TOR written	10%	100%	10%
2	Institutional analysis workshops held	10%	100%	10%
3	Institutional development plan written	10%	100%	10%
4	Institutional development plan presented and adopted	10%	100%	10%
5	Institutional development plan implementation initiated	10%	100%	10%
6	Business plan TOR written	10%	100%	10%
7	Business plan information gathered and analyzed	10%	100%	10%
8	Business plan draft prepared	10%	100%	10%
9	Business plan draft presented and adopted by institution	10%	100%	10%
10	Business plan implementation initiated	10%	100%	10%
Current status				100%

Deliverable 19 timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												

Deliverable 20: Clear legislation or regulation that supports sea turtle breeding season bans on turtle egg consumption drafted

Baseline: 0

LOP: 1 Draft legislation or regulation

FY 2010 Q1 status: 100%

FY 2010 Q2 status: 100%

FY 2010 Q3 status: 100%

Estimated FY 2010 Q4 status: 100%

LOP technical documentation:

- Text of El Salvador government ban on commerce and consumption of sea turtle eggs;

Indicator 20 comments: 1) IMCCW considers that the achievement of this indicator has been met;

Indicator 20 Progress	
In 2009 the Government of El Salvador instituted a complete ban on the commerce and consumption of sea turtle eggs. The new government has reaffirmed the ban and it is being enforced. These actions, unforeseen when the IMCCW Subcomponent F was designed, have obviated this indicator. IMCCW is concentrating its efforts on supporting with local legislation and ordinances (Indicator 33) the successful application of the existing ban.	
Current status	100%

Deliverable 21: Draft management plans for two protected beaches

Baseline: 0

LOP Target: 2 draft management plans

FY 2010 Q1 status: 36%

FY 2010 Q2 status: 57.5%

FY 2010 Q3 status: 87.5%

Estimated FY 2010 Q4 status: 100%

LOP technical documentation:

- Los Cóbano Management Plan with sea turtle beach management actions incorporated;
- Signed contract to prepare management plans for at least one other sea turtle beach;
- MARN and USAID comments on draft sea turtle beach management plans;
- Final sea turtle beach management plans;
- Documentation of presentation of beach management plans to appropriate authorities;
- Documentation of beach management plan implementation;

Deliverable 21 comments: IMCCW prepared a new section for the draft Los Cóbano Management Plan that provides a protection plan for the Los Cóbano sea turtle beaches; 2) the baseline survey of conservation conditions on El Salvador's sea turtle nesting beaches includes for each of 34 beaches a prioritized list of

recommendations that function as abbreviated management plans appropriate for implementation by the local community; 3) IMCCW and FUNZEL have developed draft management plans for six priority beaches and will complete these in Q4;

Deliverable 21 achievement				
Action		Percentage contribution of action to deliverable	Percentage of action achieved	Percentage of deliverable achieved
1	Los Cóbanos Management Plan with sea turtle beach management actions incorporated	10%	100%	10%
2	Signed contract to prepare management plans for at least one other sea turtle beach	10%	100%	10%
3	Methodology identified	10%	100%	10%
4	Information gathering begun	10%	100%	10%
5	Draft plans prepared	10%	100%	10%
6	Drafts reviewed by USAID and MARN	10%	50%	5%
7	Drafts presented to local stakeholders	10%	100%	10%
8	Draft plan adopted	15%	50%	7.5%
9	Management plan implementation begun	15%	100%	15%
Current status				87.5%

Deliverable 21 timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8												
9												

Deliverable 22: Manual on hatchery operation.

Baseline: 0

LOP Target: 1 hatchery management manual

FY 2010 Q1 status: 70%

FY 2010 Q2 status: 100%

FY 2010 Q3 status: 100%

Estimated FY 2010 Q4 status: 100%

LOP technical documentation:

- Hatchery manual TOR;
- MARN comments on draft hatchery manual;
- Final printed hatchery manual;
- Documentation of hatchery manual distribution;

Deliverable 22 comments: 1) IMCCW considers that this deliverable has been achieved;

Deliverable 22 Progress				
Action		Percentage contribution of action to deliverable	Percentage of action achieved	Percentage of deliverable achieved
1	Terms of reference written	10%	100%	10%
2	Staff lead and team identified	10%	100%	10%
3	Methodology identified	10%	100%	10%
4	Information gathering begun	10%	100%	10%
5	Draft manual prepared	10%	100%	10%
6	Draft manual reviewed by MARN	10%	100%	10%
7	MARN comments incorporated into revised draft	10%	100%	10%
8	Final approval by MARN	15%	100%	15%
9	Manual printed	15%	100%	15%
Current status				100%

Deliverable 22 timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8												
9												

Deliverable 23: One technical report on biological aspects of sea turtles and priority geographic areas for sea turtle conservation.

Baseline: 0

LOP Target: 1 technical report

FY 2010 Q1 status: 30%

FY 2010 Q2 status: 60%

FY 2010 Q3 status: 64%

Estimated FY 2010 Q4 status: 100%

LOP technical documentation:

- Sea turtle research TOR;
- Signed contract(s) with sea turtle researcher(s);
- Comments on draft technical report(s);
- Final technical report(s);
- USAID approval of final technical report(s);

Deliverable 23 comments: 1) IMCCW considers that the achievement of this deliverable is on schedule and sees no significant risk of delays; 2) field work is proceeding on as planned; 3) IMCCW expects draft and final reports in Q4;

Deliverable 23 Progress				
Action		Percentage contribution of action to deliverable	Percentage of action achieved	Percentage of deliverable achieved
1	Terms of reference written	10%	100%	10%
2	Research team identified	10%	100%	10%
3	Methodology identified	10%	100%	10%
4	Fieldwork begun	10%	100%	10%
5	Data analysis 50% complete	10%	100%	10%
6	Data analysis complete	10%	70%	7%
7	Draft report prepared	10%	70%	7%
8	Draft report circulated for comment	10%	0%	0%
9	Revised report prepared	10%	0%	0%
10	Report approved by USAID	10%	0%	0%
Current status				64%

Deliverable 23 timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												

Deliverable 24: A nationwide marine turtle stranding network protocol

Baseline: 0

LOP Target: 1 written protocol

FY 2010 Q1 status: 52%

FY 2010 Q2 status: 52%

FY 2010 Q3 status: 90%

Estimated FY 2010 Q4 status: 100%

LOP technical documentation:

- Sea turtle stranding protocol TOR;
- Written draft stranding protocol;
- Comments on draft stranding protocol;
- Documentation of stranding protocol implementation;
- Stranding protocol field validation report;
- Final stranding protocol;
- MARN approval of final stranding protocol;
- Documentation of USAID receipt of final stranding protocol;

Deliverable 24 comments: 1) IMCCW considers that the achievement of this deliverable is on schedule and sees no significant risk of delays; 2) FUNZEL veterinarian Patti Martínez developed the stranding protocol technical protocol with a review and revision from Celina Duenas of MARN; 3) IMCCW has published the guide for distribution to members of the stranding network; 4) field validation will occur during the 2010 season working with the *tortuguero* networks;

Deliverable 24 Progress				
Action		Percentage contribution of action to deliverable	Percentage of action achieved	Percentage of deliverable achieved
1	Terms of reference written	10%	100%	10%
2	Staff team identified	10%	100%	10%
3	Work plan prepared	10%	100%	10%
4	Written protocol developed and circulated for comment	10%	100%	10%
5	Written protocol revised as needed	10%	100%	10%
6	Field validation of protocol begun	10%	100%	10%
7	Protocol adjusted as needed based on field experience	10%	100%	10%
8	Revised protocol circulated for comment	10%	100%	10%
9	Final protocol approved by MARN	10%	100%	10%
10	Final protocol report presented to USAID	10%	0%	0%
Current status				90%

Deliverable 24 timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												

Indicator 25. Number of km of coastline under improved sea turtle management

Baseline: Zero

LOP target: 100 km

FY 2010 Q1 status: 58%

FY 2010 Q2 status: 124%

FY 2010 Q3 status: 161%

Estimated FY 2010 Q4 status: 161.5%

LOP technical documentation:

- Documented environmental education;
- Documented economic alternatives;
- Documented hatchery activities;
- Documented research activity;
- Documented fund-raising/ P-P alliances activity

Deliverable 25 comments: 1) IMCCW considers this indicator has been achieved; 2) calculation of beach km follows the method presented in the IMCCW FY 2010 Workplan (IMCCW 2009b): the length of individual beaches is included in the total if IMCCW has provided to the beach any three of the following five IMCCW activities:

1. Conservation training and environmental education
2. Hatchery management technical assistance
3. Project developed maps and GIS information
4. Municipal government assistance related to beach management;
5. Any other beach management related activity

Figure 9. Sea turtle beaches on the Salvadoran coast

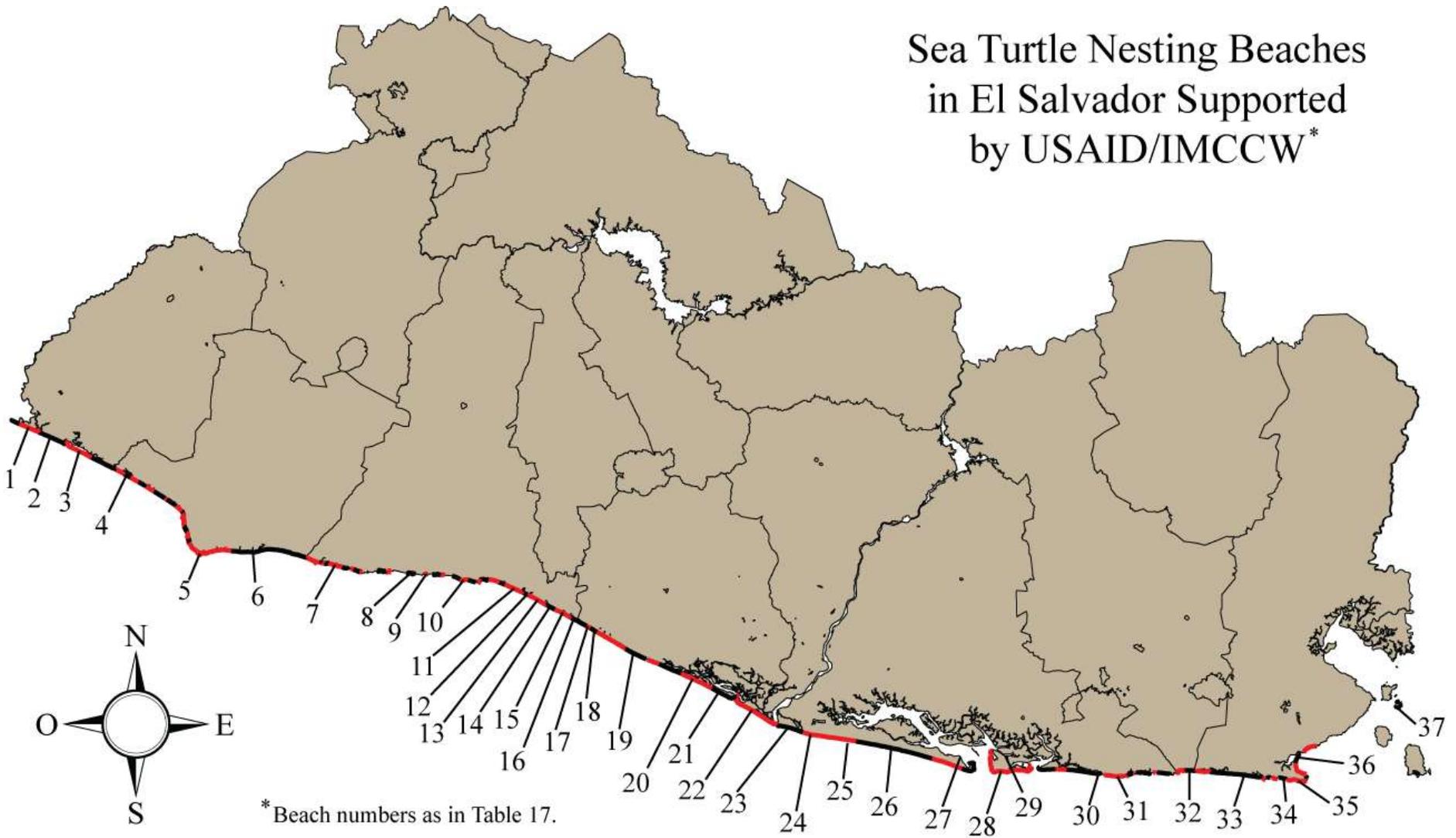


Table 17. Improved sea turtle beach management activities

				Qualifying IMCCW activities											
Beach	Beach length (km)	Managed beach length (km)													
			Sea turtle conservation hatchery	Sea turtle conservation research	Public-private alliance	Environmental education	Technical assistance to hatcheries	Beach management technical assistance	Marine resources based economic alternatives	Vocational training	Agriculture based economic alternatives	Institutional development	Community-based tourism		
1	Bola de Monte	4	4		X		X		X			X	X		5/11
2	Brisas del Mar	5	5				X		X				X		3/11
3	Barra de Santiago	9	9	X	X	X	X	X	X	X			X	X	9/11
4	Los Cobanos	5	5	X	X	X	X	X	X				X	X	8/11
5	Barra Ciega	2	7		X		X	X	X				X		5/11
6	Costa Azul	2	2	X	X	X	X	X	X				X		6/11
7	Playa Dorada	7	7	X	X	X	X	X	X				X	X	8/11
8	El Palmarcito/El Zonte	1	1	X	X		X	X	X				X		6/11
9	El Majahual	1	1	X	X		X	X	X				X		6/11
10	San Blas	1	1	X	X		X	X	X				X	X	7/11
11	San Diego	5	5	X	X	X	X	X	X				X	X	8/11
12	El Amatal	2	2	X	X		X	X	X				X		6/11
13	Toluca	3	3	X	X		X	X	X				X		6/11
14	Boca Poza	1	1	X	X		X	X	X				X		6/11
15	Los Pinos/Cangrejera	4	4	X	X			X	X				X		5/11
16	Bocanitas	2	2	X	X		X	X	X				X		6/11
17	Amatecampo	2	2	X	X	X	X	X	X		X		X		8/11
18	Zunganera	5	5	X	X	X	X	X	X		X		X		8/11
19	El Pimental	3	3	X	X	X	X	X	X		X		X		8/11
20	Costa del Sol Km 71	5	5	X		X		X							3/11
21	Costa del Sol Km 78	7	7	X		X		X							3/11
22	Tasajera/Colorada	10	10	X	X	X	X	X	X				X	X	8/11
23	San Juan del Gozo	7	7	X	X		X	X	X	X			X	X	8/11
24	El Icaço	2	2	X	X	X	X	X	X	X			X		8/11
25	Isla de Méndez	12	12	X	X		X	X	X	X			X	X	8/11
26	Isla Montecristo	5	5	X	X		X	X	X	X			X	X	8/11
27	Corral de Mulas	10	10		X		X			X			X		4/11
28	San Sebastian/La Pirraya	6	6	X	X		X	X	X	X			X	X	8/11
29	San Sebastian/El Cojollon	6	6	X	X		X	X	X	X			X	X	8/11
30	El Espino	6	6	X	X		X	X	X				X		6/11
31	Salamar	4	4	X	X		X	X	X				X		6/11
32	El Cuco	4	4	X	X		X	X	X				X		6/11
33	El Icacal	9	9	X	X		X	X	X				X		6/11
34	Las Tunas	1	1	X			X	X	X				X		5/11
35	El Maculiz	1	1	X	X	X	X	X	X				X		7/11
36	Tamarindo	2	2	X	X	X	X	X	X				X		7/11
37	Isla Martín Pérez	0.5	0		X										1/11
Totals		161.5	161	<u>32</u> 37	<u>33</u> 37	<u>14</u> 37	<u>33</u> 37	<u>33</u> 37	<u>32</u> 37	<u>8</u> 37	<u>3</u> 37	<u>1</u> 37	<u>34</u> 37	<u>11</u> 37	

Indicator 26: Capacity of institutions to manage nationwide sea turtle research and conservation program increased

Baseline: 0

LOP Target: 1 organizational structure with established strategic plan

FY 2010 Q1 status: 44%

FY 2010 Q2 status: 71%

FY 2010 Q3 status: 93.8%

Estimated FY 2010 Q4 status: 100%

LOP technical documentation:

- Revised national sea turtle conservation strategy;
- National sea turtle conservation strategy action plan;
- A written proposal for a national sea turtle conservation program;
- Documentation of an established mechanism for long-term funding for sea turtle conservation program;
- Draft co-management agreement between MARN and FIAES;
- Signed co-management agreement between MARN and FIAES;
- Documentation of national and regional meetings taking place as part of a national sea turtle conservation program;

Deliverable 26 comments: 1) IMCCW considers that the achievement of this indicator is on schedule; 2) IMCCW has decided, in discussion with various stakeholders including USAID and FUNZEL, that FUNZEL does not have the institutional strength to bear the burden of a national sea turtle conservation program and would not be accepted in such a role by many other key stakeholders and NGOs; 3) in Q3 IMCCW has been pursuing the alternative of a national sea turtle conservation program within FIAES; 4) this alternative has been presented to USAID and MARN and accepted in principle; 5) this alternative has also been proposed to and accepted by the FIAES board; 5) in Q3 IMCCW has worked with FIAES to develop written descriptions of a sea turtle program structure, establish financial mechanisms, and develop a program strategic plan and work plan; 6) in this alternative FUNZEL would remain the leading NGO implementing organization for sea turtle conservation in El Salvador, funded in part through grant funds from the FIAES program;

Indicator 26 Progress				
Action	Percentage contribution of action to indicator	Percentage of action achieved	Percentage of indicator achieved	
1	Components of nationwide sea turtle program drafted	25%	100%	25%
2	Role of private sector institutional champion established	25%	100%	25%
3	Sea turtle network enhanced: a) National meetings of sea turtle network (2X15%) 50% of 30% = 15% b) Regional meetings of network (2X15%) 100% of 30% = 30% c) Admin meetings of sea turtle network (4X10%) 75% of 40% = 30%	25%	75%	18.8%
4	Institutional business /strategic plan for champion drafted	25%	100%	25%
Current status				93.8%

Indicator 26 timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												

Indicator 27: Sea turtle egg consumption by San Salvador residents reduced

Baseline: 0

LOP target: 25% reduction in turtle egg consumption in San Salvador bars and restaurants from 2008 season = 1,313,900 eggs consumed to 2009 season = 985,425 eggs consumed

FY 2010 Q1 status: 272%

FY 2010 Q2 status: 272%

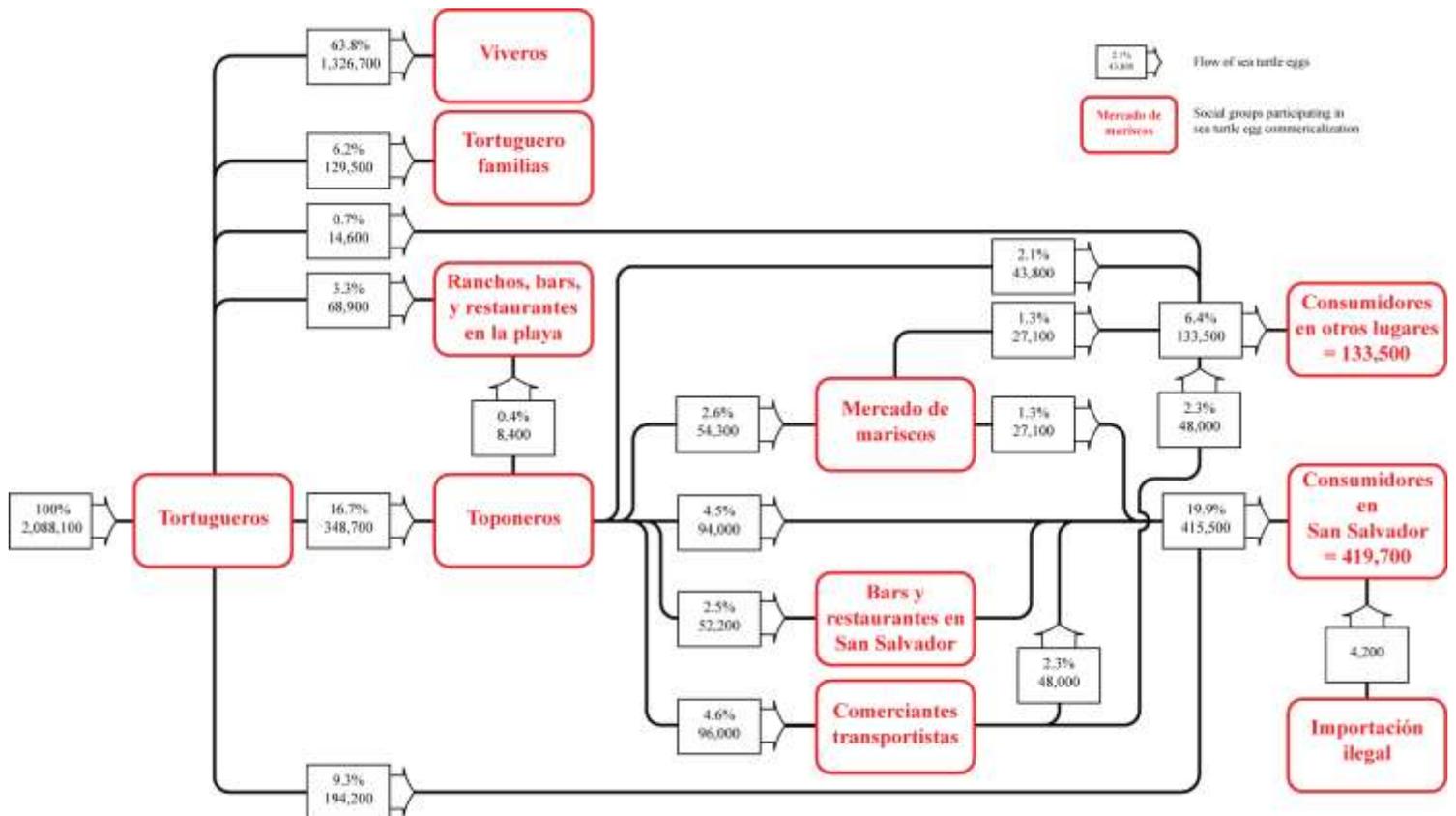
FY 2010 Q3 status: >272%

Estimated FY 2010 Q4 status: >272%

LOP technical documentation:

- Hatchery data;
- Interview records;
- Analysis report;

Deliverable 27 comments: 1) IMCCW considers that this indicator has been achieved; 2) IMCCW reanalyzed the data and prepared a final report (Romanoff and Chanchan 2010); 3) the reanalysis estimated that the reduction in consumption in San Salvador between 2008 and 2009 was 68%; 4) This still far surpasses the indicator goal but is less than the 88.4% reduction previously estimated; 5) direct estimates of San Salvador consumption remained difficult and physically dangerous;



Indicator 28: Protected beaches established through Executive Decree or equivalent

Baseline: 0

LOP target: 2 protected beaches

FY 2010 Q1 status: 47%

FY 2010 Q2 status: 72.5%

FY 2010 Q3 status: 78%

Estimated FY 2010 Q4 status: 100%

LOP technical documentation:

- Current draft of Los Cóbano management plan with sea turtle beach protection incorporated;
- Documentation of MARN acceptance of final Los Cóbano management plan;
- Signed consultant contract to develop sea turtle beach protection plan(s) for municipal authorities;
- Municipal sea turtle beach protection agreements and plans;
- Sea turtle beach protection plan for MARN/San Sebastian;

Deliverable 28 comments: 1) IMCCW considers that the achievement of this indicator is on schedule; 2) on September 30, 2009 IMCCW, the Alcalde de San Luís Talpa, representatives of the communities of Amatecampo, Zunganera, and El Pimental, and FUNZEL signed an agreement to protect 10 km of sea turtle nesting beaches within the municipality of San Luís Talpa; 3) MARN review of the Los Cóbano Management Plan has taken much longer than expected: MARN requested revisions that required new consultations with experts and additional community workshops; 4) IMCCW expects MARN approval in Q4 of the Los Cóbano Management Plan with sea turtle beach protection included; 5) IMCCW has been facilitating negotiations leading to signed agreements between local communities and MARN to protect the sea turtle beaches of Isla San Sebastian and Isla Tasajera and expects to sign both in Q4; 6) IMCCW has completed negotiations for an agreement between the Fuerza Naval, IMCCW, and FUNZEL to protect and manage the sea turtle beaches of Isla Martín Pérez; 7) The final copy of this Fuerza Naval agreement has been signed by IMCCW and FUNZEL and is waiting signature from the Ministry of Defense;

Indicator 28 Progress				
Action		Percentage contribution of action to indicator	Percentage of action achieved	Percentage of indicator achieved
Los Cóbano National Park:				
1	Los Cóbano NP staff team identified	10%	100%	10%
2	Staff team incorporate sea turtle beach protection into management plan	10%	100%	10%
3	Los Cóbano management plan accepted by MARN	10%	80%	8%
Other protected beaches:				
4	Staff team to develop sea turtle beach protection plan(s) identified	10%	100%	10%
5	Work plan developed	10%	100%	10%
6	Methodology defined	10%	100%	10%
7	Field work begun on priority beaches	10%	100%	10%
8	Draft protection plans prepared for priority beaches	10%	80%	8%
9	Protection plan(s) reviewed by MARN, USAID, and local sponsor	10%	0%	0%
10	Final protection plan(s) signed by local sponsor	10%	0%	0%
Current status				78%

Indicator 28 timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												

Indicator 29: Number of sea turtle hatchlings released through public and private partnerships increased

Baseline: 286,000

LOP target: 300% increase in annual sea turtle hatchling releases (release of at least 858,000 hatchlings)

FY 2010 Q1 status: >100%

FY 2010 Q2 status: 112.8%

FY 2010 Q3 status: >112.8%

Estimated FY 2010 Q4 status: >125%

LOP technical documentation:

Individual beach hatchery records of turtle releases;

Indicator 29 comments: 1) IMCCW considers that this indicator was achieved in the 2009 sea turtle nesting season; 2) IMCCW will track similar data during the 2010 nesting season and provide the first release data in its Q4 report;

Indicator 29 Progress					
	Beach	Released in 2008	Released in 2009	Released in 2010	Principal Source of Funding
1	Bola de Monte	0	29,618		USAID/IMCCW
2	Brisas del Mar	0	26,566		USAID/IMCCW
3	La Barra de Santiago	7,925	53,916		USAID/IMCCW
4	Los C6banos	0	60,628		USAID/IMCCW, NFWF
5	Barra Ciega	0	6,020		USAID/IMCCW, NFWF
6	Playa Azul				USAID/IMCCW
7	Playa Dorada	0	104,444		USAID/IMCCW
8	El Zonte	0	1,250		USAID/IMCCW
9	Majahual	2,000	18,565		USAID/IMCCW
10	San Blas	2,400	11,662		FPSM, FUNZEL
11	San Diego	4,365	97,200		USAID/IMCCW, HSBC
12	El Amatal	0	7,570		USAID/IMCCW
13	Toluca	15,529	12,447		USAID/IMCCW
14	Bocapoza	0	2,939		USAID/IMCCW
15	Los Pinos / Cangrejera	25,000	96,835		USAID/IMCCW
16	Las Bocanitas	60,000	40,000		Arenas del Pac6fico
17	Amatecampo	7,743	15,375		USAID/IMCCW
18	La Zunganera	0	11,177		USAID/IMCCW
19	El Pimental	0	12,181		USAID/IMCCW
20	Costa del Sol Km 71				Grupo de vecinos
21	Costa del Sol Km 78				Termoencogibles
22	Isla Tasajera/La Colorada	8,136	69,179		USAID/IMCCW
23	Isla Montecristo	36,251	52,804		USAID/IMCCW
24	San Juan del Gozo	5,842	58,553		USAID/IMCCW
25	Isla de M6ndez	0	53,544		Ayuda en Acci6n
26	El Icaco	0	3,000		Ayuda en Acci6n
27	Corral de Mulas				USAID/IMCCW
28	Isla San Sebasti6n/ La Pirraya	7,594	63,736		USAID/IMCCW
29	Isla San Sebasti6n/ El Cojollon				USAID/IMCCW
30	El Espino	0	26,745		USAID/IMCCW
31	Salamar	0	9,013		ACTISA
32	El Cuco				USAID/IMCCW
33	El Icacal	0	19,760		DTP
34	Las Tunas				USAID/IMCCW
35	Maculiz	2,000	3,200		USAID/IMCCW
36	El Tamarindo				USAID/IMCCW
37	Isla Mart6n P6rez	0	0		USAID/IMCCW
	Total	184,785	967,927		

Indicator 30: A nationwide marine turtle-stranding network implemented

Baseline: 0

LOP target: 1 network

FY 2010 Q1 status: 12%

FY 2010 Q2 status: 35%

FY 2010 Q3 status: 85%

Estimated FY 2010 Q4 status: 100%

LOP technical documentation:

- Sea turtle stranding network TOR;
- Written proposal for stranding network organization;
- Documentation of stranding network presentation at national meeting;
- Documentation of stranding protocol training at regional network meetings;
- Final turtle stranding network report;
- Documentation of MARN approval of final stranding protocol network structure;
- Documentation of USAID receipt of final report on stranding protocol network;

Indicator 30 comments: 1) IMCCW considers that the achievement of this indicator is on schedule and sees no significant risk of delays; 2) the stranding network is essentially synonymous with the *tortuguero* network and has been organized in the series of regional and national *tortuguero* meetings IMCCW has facilitated in Q2 and Q3; 3) FUNZEL veterinarian Patti Martínez taught *tortuguero* network members stranding protocol methods during these meetings; 4) IMCCW will prepare a final report on the stranding network operations n Q4;

Indicator 30 achievement				
Action		Percentage contribution of action to indicator	Percentage of action achieved	Percentage of indicator achieved
1	Turtle-stranding network staff team TOR	10%	100%	10%
2	Development of stranding network organization	10%	100%	10%
3	Presentation of stranding network at national meeting	10%	100%	10%
4	Presentation/training of protocol at regional network meetings	10%	100%	10%
5	Implementation of network through field validation of stranding protocol	10%	100%	10%
6	Final adjustments to stranding network organization	10%	100%	10%
7	Field implementation of protocol functioning through network	10%	100%	10%
8	Turtle-stranding protocol network report prepared	10%	50%	5%
9	Turtle-stranding protocol network structure approved by MARN	10%	100%	10%
10	Turtle-stranding protocol network report presented to USAID	10%	0%	0%
Current status				85%

Indicator 30 timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												

Indicator 31: Number of public outreach campaigns implemented

Baseline: 0

LOP target: 1 campaign

FY 2010 Q1 status: 100%

FY 2010 Q2 status: 100%

FY 2010 Q3 status: 100%

Estimated FY 2010 Q4 status: 100%

LOP technical documentation:

- Documentation of public outreach campaign events;
- Attendance records of campaign events;
- Design of media based publicity campaign;
- Estimates of media campaign audience size;
- Documentation of MARN approval of campaign;
- Documentation of USAID approval of campaign;

Indicator 31 comments: 1) IMCCW considers that this indicator has been achieved in the sense that a campaign of public outreach workshops in coastal communities was implemented in previous quarters and achieved the LOP targets; 2) In Q3 the *Agencia de Publicidad La Clínica* designed campaign focused on supporting the ban on sea turtle egg consumption and commercialization began; 3) IMCCW will begin field surveys in Q4 to measure the impact of the *La Clinica* campaign;

Indicator 31 achievement				
Action		Percentage contribution of action to indicator	Percentage of action achieved	Percentage of indicator achieved
1	Audience and focus of publicity campaign defined	10%	100%	10%
2	TOR and agreement signed with publicity agency	10%	100%	10%
3	Publicity agency develops campaign design, messages, media tools	10%	100%	10%
4	Campaign design reviewed by MARN and USAID	10%	100%	10%
5	MARN and USAID comments incorporated in a revised campaign design	10%	100%	10%
6	Final campaign materials and tools produced	10%	100%	10%
7	Campaign implementation started	10%	100%	10%
8	Campaign impact measured	10%	50%	5%
9	Report on campaign impact prepared	10%	0%	0%
10	Campaign report presented to MARN and USAID	10%	0%	0%
Current status				75%

Indicator 31 timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												

Indicator 32: Clear legislation or regulation that supports sea turtle breeding season bans on turtle egg consumption drafted

Baseline: 0

LOP Target: 1 draft legislation

FY 2010 Q1 status: 25%

FY 2010 Q2 status: 40%

FY 2010 Q3 status: 70%

Estimated FY 2010 Q4 status: 100%

LOP technical documentation:

- Sea turtle conservation legislation TOR;
- Legal consultant contract;
- MARN and USAID comments on legal consultant report;
- Model municipal ordinances to protect sea turtles;
- Final legal consultant report;
- Documentation of presentation of legislation proposals to appropriate authorities;

Deliverable 32 comments: 1) IMCCW considers that the achievement of this deliverable is on schedule and sees no significant risk of delays; 2) the IMCCW consultant has prepared a model municipal ordinances that can be used as a pattern for specific municipalities; 3) in Q4 IMCCW will contract a legal consultant to present this model ordinance to coastal municipalities; 4) this consultant will work with interested municipalities to prepare local ordinances to protect sea turtle nesting beaches;

Deliverable 32 achievement				
Action		Percentage contribution of action to deliverable	Percentage of action achieved	Percentage of deliverable achieved
1	Terms of reference written	10%	100%	10%
2	Legal consultant identified and contracted	10%	100%	10%
3	Legal analysis begun	10%	100%	10%
4	Draft report prepared including draft legislation	10%	100%	10%
5	Drafts presented to MARN for comment	10%	100%	10%
6	Drafts revised	10%	100%	10%
7	Final drafts presented to USAID and MARN	20%	50%	10%
8	Drafts presented to appropriate authorities	20%	0%	0%
Current status				70%

Deliverable 20 timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8												

Indicator 33: Number of people trained from various institutions on sea turtle law enforcement and management

Baseline: 0

LOP target: 150 people (gender disaggregated)

FY 2010 Q1 status: >100%

FY 2010 Q2 status: 465%

FY 2010 Q3 status: 465%

Estimated FY 2010 Q4 status: >465%

LOP technical documentation:

- Contract with legal consultant to prepare legal analysis of sea turtle protection laws;
- Contract with legal expert to teach law enforcement agencies about sea turtle protection laws;
- El Nuevo Rol del Tortuguero* training materials;
- El Nuevo Rol del Tortuguero* attendance documentation;
- Report on legal analysis of sea turtle protection laws of El Salvador;
- Law enforcement agency training materials;
- Documentation of training events with law enforcement agencies;

Indicator 33 comments: 1) IMCCW considers that this indicator has been achieved; 2) the trainings to date have included a review and explanation of the existing sea turtle conservation laws and their enforcement including the recent ban on commercialization; 3) in addition, an IMCCW contracted legal consultant has delivered a comprehensive analysis of sea turtle protection laws in El Salvador; 3) the same IMCCW legal consultant will implement in Q4 a series of trainings specifically for participants from law enforcement and regulatory institutions to explain the laws and how they can be correctly enforced;

Indicator 33 Progress								
	Date	Location	Topic	Female	Male	Total	% of target	Cumulative % of target
1	10-Nov-09	San Blas. La Libertad	Taller de sensibilización: El Nuevo Rol del Tortuguero	5	12	17	11%	11%
2	12-Nov-09	San Diego. La Libertad	Taller de sensibilización: El Nuevo Rol del Tortuguero	16	25	41	27%	38%
3	17-Nov-09	El Zonte - Palmarcito	Taller de sensibilización: El Nuevo Rol del Tortuguero	4	25	29	19%	58%
4	18-Nov-09	El Majahual	Taller de sensibilización: El Nuevo Rol del Tortuguero	0	30	30	20%	78%
5	19-Nov-09	Playa Dorada	Taller de sensibilización: El Nuevo Rol del Tortuguero	3	27	30	20%	98%
6	24-Nov-09	El Espino	Taller de sensibilización: El Nuevo Rol del Tortuguero	2	18	20	13%	111%
7	1-Dec-09	Los Pinos	Taller de sensibilización: El Nuevo Rol del Tortuguero	5	42	47	31%	142%
8	2-Dec-09	Bola de Monte	Taller de sensibilización: El Nuevo Rol del Tortuguero	2	26	28	19%	161%
9	4-Dec-09	Brisas del Mar	Taller de sensibilización: El Nuevo Rol del Tortuguero	4	37	41	27%	188%
10	8-Dec-09	Salamar	Taller de sensibilización: El Nuevo Rol del Tortuguero	5	23	28	19%	207%
11	10-Dec-09	El Pimental	Taller de sensibilización: El Nuevo Rol del Tortuguero	6	10	16	11%	218%
12	15-Dec-09	Amatecampo	Taller de sensibilización: El Nuevo Rol del Tortuguero	3	24	27	18%	236%
13	16-Dec-09	La Sunganera.	Taller de sensibilización: El Nuevo Rol del Tortuguero	11	7	18	12%	248%
14	18-Dec-09	El Amatal	Taller de sensibilización: El Nuevo Rol del Tortuguero	4	29	33	22%	270%
15	7-Jan	Boca Poza	Taller de sensibilización El Nuevo Rol del Tortuguero	4	27	31	21%	290%
16	8-Jan	Playa Los Blancos (Costa del Sol)	Taller de sensibilización El Nuevo Rol del Tortuguero	0	26	26	17%	308%
17	12-Jan	El Icaal	Taller de sensibilización El Nuevo Rol del Tortuguero	4	25	29	19%	327%

Indicator 33 Progress								
	Date	Location	Topic	Female	Male	Total	% of target	Cumulative % of target
18	13-Jan	Isla Tasajera/La Colorada	Taller de sensibilización El Nuevo Rol del Tortuguero	8	27	35	23%	350%
19	27-Jan	Isla San Sebastián/ La Pirraya	Taller de sensibilización El Nuevo Rol del Tortuguero	3	16	19	13%	363%
20	3-Feb	San Juan del Gozo	Taller de sensibilización El Nuevo Rol del Tortuguero	2	31	33	22%	385%
21	17-Feb	Playa Maculis	Taller de sensibilización El Nuevo Rol del Tortuguero	2	23	25	17%	402%
22	24-Feb	Isla de Méndez	Taller de sensibilización El Nuevo Rol del Tortuguero	11	29	40	27%	428%
23	2-Mar	Barra de Santiago	Taller de sensibilización El Nuevo Rol del Tortuguero	1	19	20	13%	441%
24	11-Mar	Playa Costa Azul	Taller de sensibilización El Nuevo Rol del Tortuguero	8	26	34	23%	464%
Total				113	584	697		465%

Indicator 34: A public and private hatchery network established with at least 20 ongoing and newly established hatcheries

Baseline: Informal network preexisting →

LOP target: 1 private and public hatchery network

FY 2010 Q1 status: 32%

FY 2010 Q2 status: 67.5%

FY 2010 Q3 status: 155%

Estimated FY 2010 Q4 status: 170%

LOP technical documentation:

- Documentation of at least 20 sea turtle hatcheries;
- Documentation of hatchery network meetings;
- Documentation of hatchery network coordinating meetings;
- Documentation of hatchery network implementation activities;

Indicator 34 comments: 1) IMCCW considers this indicator has been achieved; 2) in the 2009 nesting season 33 hatcheries were active compared to 11 in 2008; 3) in 2010 IMCCW alone is supporting 31 hatcheries and providing technical support to several privately supported hatcheries; 4) these hatcheries are linked through regional and national *tortuguero* networks that are incorporated into the planning for a national sea turtle conservation program;

Indicator 34 achievement				
Action		Percentage contribution of action to indicator	Percentage of action achieved	Percentage of indicator achieved
1	Staff team and leader identified	10%	100%	10%
2	Work plan prepared	10%	100%	10%
3	Role of hatchery network clarified within national sea turtle strategy	10%	100%	10%
4	Field contacts with local organizations initiated	10%	100%	10%
5	Network participants/structure developed through participatory workshops	10%	100%	10%
6	Network administrative and coordinating mechanism established	10%	100%	10%
7	Network coordinating mechanism holds 4 meetings	10%	100%	10%
8	Network workplan/scheduled activities established	10%	100%	10%
9	Network activities implemented	20%	100%	20%
Current status				100%

Indicator 34 timeline												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7												
8												
9												

I. COMPONENT 2 FOLLOW-UP ACTIVITIES

LOS CÓBANOS BUOYS

In FY 2009 IMCCW imported and installed four buoys to mark the boundaries of Los Cóbános Marine Protected Area. Since their installation one buoy has been damaged and on March 13, 2010 one broke free of its moorings.

After a field visit to assess the situation, IMCCW solicited bids to repair the buoys and re-install them at their moorings to mark the Los Cóbános Marine Area boundaries and Oceanica was selected as the contractor to complete the work.

In Q3 Oceanica began the work including the complete repair of one of the damaged buoys. There have been long delays, however, due to poor weather and rough seas. To date it has proved impossible to tow the loose buoy back to its location or to retrieve the buoy still needing repair because waves have been too high. Similarly, rough weather and strong currents have stirred up sediments so that finding and retrieving the loose buoy mooring has not been possible so far.

Oceanica will proceed as rapidly as possible dependent on sea and weather conditions.

TECHNICAL REVIEW AND REVISION OF FY 2006-2009 IMCCW INDICATORS

During FY2010 Q1, Q2, and Q3, IMCCW reviewed supporting data for IMCCW Component 1 and Component 2 Indicators 1-27 as reported to USAID in the IMCCW FY 2009 Annual Report (IMCCW 2009a). As appropriate, based on re-analysis or additional data, the totals and percent achievement status of these indicators were revised and are presented in Table 16. The most significant changes are in Component 1c (Expansion of Areas Under Improved Biodiversity Management), Indicator 14, Component 2a (Develop Profitable and Environmentally Sustainable Farming Practices) Indicators 17-21, and the additional Indicators 26 and 27. Indicator 14 now includes Montecristo NP and the areas affected by IMCCW sea turtle conservation activities. Indicators 17-21 are slightly different due to a check and re-analysis of data on improved coffee and conservation-compatible agriculture. Indicators 26 and 27 now reflect planning achieved for Montecristo NP including PES, and the creation and political recognition of the *tortuguero* network. The new numbers do not change the achievement status of Indicators 14 or 17-21. Indicators 26 and 27 are now 100% achieved. USAID approval is pending for Indicators 6 and 7b.

Table 18. Current status of FY 2006-2009 indicator achievement. Percents in parentheses are as in the IMCCW 2009 Annual Report.

Indicator	Indicator description	LOP goal	Current status	% of LOP achieved
Component 1a Indicators				
1	Rapid assessment to determine the principal threats to the area's biological resources	1 report	1 report	100% (100%)
2	Preliminary biodiversity inventory for six targeted watersheds	1 report	1 report	100% (100%)
3	Initial mapping of land use and land ownership patterns within the six prioritized watersheds	1 report	1 report	100% (100%)
4	Supply and demand water balance of the six prioritized watersheds	1 report	1 report	100% (100%)
5	Comprehensive biodiversity inventories in the six prioritized watersheds	1 report	1 report	100% (100%)
6	Comprehensive analysis of land use and land ownership (pending USAID approval)	1 report	1 report	100% (100%)
7	Analysis of shade coffee as component of biological corridors.	a) 1 report	a) 1 report	a) 100% (100%)
	a) Analysis of certifying shade coffee farms to document investments in conservation compatible with biological corridor status. b) Geographic analysis of shade coffee cover in the biological corridors of the project area (pending USAID approval)	b) 1 report	b) 1 report	b) 100% (100%)
8	Gender baseline	1 report	1 report	100%

Indicator	Indicator description					LOP goal	Current status	% of LOP achieved	
9	Knowledge, attitudes, practices baseline survey					1 report	1 report	(100%) 100% (100%)	
10	Monitoring reports of key indicator species within corridors					1 report	1 report	100% (100%)	
11	Mid-term gender report					1 report	1 report	100% (100%)	
Component 1b Indicator									
12	Public protected areas within the six, targeted watersheds delineated.					33,000 ha	33,229 ha	100.7% (100.7%)	
Component 1c Expansion of Areas Under Improved Biodiversity Management									
13	Expansion in size of formal protected areas through establishment of biological corridors and buffer zones and preparation of sustainable management plans.					60,000 ha	137,669 ha	229.4% (229.4%)	
14	Area of natural resources with improved management					115,000 ha	137,697 ha	115.9% (119.7%)	
	Disaggregation codes					All categories	115,000ha	137,697ha	119.7%
1	TA		SA	FA	BSA	Certified coffee with improved management	17,446		
2	TA		SA			Conservation production land less included forest	628		
3	TA			FA	BSA	Forests within coffee plantations	1,237		
4	TA			FA	BSA	Forests within conservation production land	151		
5	TA			FA	BSA	Area of 57 properties declared NPA less marine are of Los C6banos	12,496		
6	TA			FA	BSA	BSA area of Montecristo NP	1,378		
7	TA			FA	BSA	Terrestrial area of Los C6banos NP less sea turtle beaches	545		
8	TA			FA		Forest area of San Pedro micro-watershed	24		
9	TA			FA		Non-BSA area of Montecristo NP	475		
10	TA					Non-forest areas within coffee plantations under management plans	970		
11	TA					Non-forest area of San Pedro micro-watershed	2,379		
12	TA					Non-coffee area under new management plans	51,095		
13	TA				BSA	Land area of sea turtle nesting beaches under improved management (70m width)	896		
14		MA			BSA	Marine area of sea turtle nesting beaches under improved management (50m width)	640		
15		MA			BSA	Non-mangrove area of sea turtle range in Bahía de Jiquilisco less artificial reef areas	9,050		
16		MA			BSA	Flooded mangrove area of sea turtle range in Bahía de Jiquilisco	15,538		
17		MA			BSA	300m buffer area surrounding artificial reefs in Bahía de Jiquilisco	1,440		
18		MA			BSA	Marine area of Los C6banos NP	20,733		
19	TA			FA		Area newly planted with trees	577		
						Biologically significant areas (BSA)	60,000ha	81,550ha	135.9%
1	TA		SA	FA	BSA	Certified coffee with improved management	17,446		
2	TA			FA	BSA	Forests within coffee plantations	1,237		
3	TA			FA	BSA	Forests within conservation production land	151		
4	TA			FA	BSA	Area of 57 properties declared NPA less marine are of Los C6banos	12,496		
5	TA			FA	BSA	BSA area of Montecristo NP	1,378		
6	TA			FA	BSA	Terrestrial area of Los C6banos NP less sea turtle beaches	545		
7	TA				BSA	Land area of sea turtle nesting beaches under improved management (70m width)	896		
8		MA		FA	BSA	Flooded mangrove area of sea turtle range in Bahía de Jiquilisco	15,538		
9		MA			BSA	Marine area of sea turtle nesting beaches under improved management (50m width)	640		
10		MA			BSA	Non-mangrove area of sea turtle range in Bahía de Jiquilisco less artificial reef areas	9,050		
11		MA			BSA	300m buffer area surrounding artificial reefs in Bahía de Jiquilisco	1,440		
12		MA			BSA	Marine area of Los C6banos	20,733		
						Forest area (FA)	16,000ha	49,867ha	311.7%
1	TA		SA	FA	BSA	Certified coffee with improved management	17,446		
2	TA			FA	BSA	Forests within coffee plantations	1,237		
3	TA			FA	BSA	Forests within conservation production land	151		
4	TA			FA	BSA	Area of 57 properties declared NPA less marine are of Los C6banos	12,496		
5	TA			FA	BSA	BSA area of Montecristo NP	1,378		
6	TA			FA	BSA	Terrestrial area of Los C6banos NP less sea turtle beaches	545		
7	TA			FA		Forest area of San Pedro micro-watershed	24		
8	TA			FA		Non-BSA area of Montecristo NP	475		
9	TA			FA		Area newly planted with trees	577		
10		MA		FA	BSA	Flooded mangrove area of sea turtle range in Bahía de Jiquilisco	15,538		
						Sustainable agriculture (SA)	8,000 ha	18,074 ha	225.9%
1	TA		SA	FA		Certified coffee with improved management	17,446		

Indicator	Indicator description						LOP goal	Current status	% of LOP achieved
2	TA		SA			Conservation production land less included forest		628	
Terrestrial area (TA)							NA	90,296 ha	NA
1	TA		SA	FA	BSA	Certified coffee with improved management		17,446	
2	TA		SA			Conservation production land less included forest		628	
3	TA			FA	BSA	Forests within coffee plantations		1,237	
4	TA			FA	BSA	Forests within conservation production land		151	
5	TA			FA	BSA	Area of 57 properties declared NPA less marine are of Los C6banos		12,496	
6	TA			FA	BSA	BSA area of Montecristo NP		1,378	
7	TA			FA	BSA	Terrestrial area of Los C6banos NP less sea turtle beaches		545	
8	TA			FA		Forest area of San Pedro micro-watershed		24	
9	TA			FA		Non-BSA area of Montecristo NP		475	
10	TA					Non-forest areas within coffee plantations under management plans		970	
11	TA					Non-forest area of San Pedro micro-watershed		2,379	
12	TA					Non-coffee area under new management plans		51,095	
13	TA				BSA	Land area of sea turtle nesting beaches under improved management (70m width)		896	
14	TA			FA		Area newly planted with trees		577	
Marine area (MA)							NA	47,401ha	NA
1		MA			BSA	Marine area of sea turtle nesting beaches under improved management (50m width)		640	
2		MA			BSA	Non-mangrove area of sea turtle range in Bahía de Jiquilisco less artificial reef areas		9,050	
3		MA			BSA	Flooded mangrove area of sea turtle range in Bahía de Jiquilisco		15,538	
4		MA			BSA	300m buffer area surrounding artificial reefs in Bahía de Jiquilisco		1,440	
5		MA			BSA	Marine area of Los C6banos NP		20,733	
Component 1d Increased Resident Knowledge, Attitudes, and Practices of Biodiversity and Conservation									
15	Percentage of adult population in targeted watersheds with increased awareness of biodiversity and natural resource threats and needed conservation measures, resulting in measurable improvements in attitudes and practices towards environmental conservation.						75%	77%	102.7% (102.7%)
16	Number of people trained under IMCCW in environmental issues and awareness.					Men	7,500	11,208	149.4% (149.4%)
						Women	3,500	10,966	213.3% (213.3%)
						Total	11,000	22,174	201.6% (201.6%)
Component 2a Develop Profitable and Environmentally Sustainable Farming Practices									
17	Number of coffee producers and selected coffee plants in the targeted watersheds that IMCCW helps achieve increased sales of certified specialty coffees.					Men	450	722	160.4% (160.4%)
						Women	250	265	106.0% (106.0%)
						Total	600	987	164.5% (164.5%)
18	Additional sales of certified specialty coffee achieved by IMCW in targeted watersheds (value).					\$3,000,000	\$6,817,570	227.3% (227.3%)	
19	Additional sales of certified specialty coffee achieved by IMCW in targeted watersheds (volume)					300,000 qq	331,607 qq	110.5% (110.5%)	
20	Number of smaller-scale farmers IMCCW helps to expand conservation sensitive production of fruits and vegetables for the domestic market					Men	850	916	107.8% (107.8%)
						Women	150	288	192.0% (192.2%)
						Total	1,000	1,204	120.4% (120.4%)
21	Additional sales generated from expanded conservation sensitive production of fruits and vegetables for domestic market and smaller-scale farmers assisted by IMCCW.					Men	\$4,250,000	\$4,559,253	107.3% (107.3%)
						Women	\$ 750,000	\$1,682,900	224.4% (224.4%)
						Total	\$5,000,000	\$6,242,153	124.8% (124.8%)
Component 2b Promote New and Emerging Non-Agricultural Income Sources									
22	Additional revenues generated by sustainable tourism in the targeted watersheds attributable to IMCCW's support for strengthening tourism service value chains.					\$2,000,000	\$2,298,106	114.9% (114.9%)	
Component 2c Develop New Incentives for Conservation Through "Payment for Environmental Services"									
23	Additional annual payments (in cash or related investments) generated by sustainable PES mechanisms developed by IMCCW by the end of FY '09.					\$100,000	\$831,514	831.5% (831.5%)	
24	Additional revenues generated from sales of products or services by rural residents that can be directly attributed to IMCCW interventions and support conservation efforts.					\$10,000,000	\$16,189,343	161.9% (161.9%)	
25	Number of people with increased economic benefits derived from sustainable natural resources and conservation management.					50,000	52,116	104.2% (104.2%)	

Indicator	Indicator description	LOP goal	Current status	% of LOP achieved
Additional Indicators				
26	Number of new, sustainable watershed management plans (developed, adapted, implemented) in target areas.	6	6	100% (83.3%)
27	Cumulative number of politically endorsed stakeholder governance groups convened and supported to undertake ongoing basin scale, integrated resource decision making.	6	6	100% (83.3%)

J. ENVIRONMENTAL SCREENING OF IMCCW FY 2010 ACTIVITIES

IMCCW completed an environmental screening of its FY 2010 activities (Table 17). The results identified three activities that required an environmental review. These reviews are included in Annex 1.

Table 19. Environmental screening of IMCCW FY 2010 activities.

Task #	IMCCW FY 2010 workplan activities	Screening result			Recommended Determinations		
		Very low risk	Moderate or unknown risk	High risk	No significant adverse impact with specified mitigation,	no significant adverse impact	Significant Adverse impact
E.1	Strengthen Park Administration and financial systems						
1	E.1.1.2 Develop strategic plan for decentralization of MNP management	X					
2	E.1.1.3 Train and build park staff's financial management skills	X					
3	E.1.2.1 Conduct a market demand study of visitors to the region	X					
4	E.1.2.2 Determine gaps in tourism value chain	X					
5	E.1.2.3 Develop business plan for MNP and start implementation	X					
6	E.1.2.4 Implement a marketing campaign for MNP and surrounding region	X					
7	E.1.3.1 Increase tourism payments and other revenues for MNP	X					
8	E.1.3.2 Develop a legal mechanism that allows establishment of local micro-enterprises and other private ventures	X					
9	E.1.3.3 Promote PES model for Metapan Municipality	X					
10	E.1.3.4 Establish biodiversity and social research, protected areas management, ecotourism and conservation planning joint ventures with academic institutions, oriented to improve the park management	X					
11	E.1.3.5 Explore the possibility to use the cypress plantations as a sources of incomes to the Park and local communities	X					
E.2	Improve Visitation Experience						
12	E.2.1.1 Select key small scale infrastructure needs for rehabilitation or construction	X					
13	E.2.1.2 Rehabilitate Infrastructure Identified by MARN		X			X	
14	E.2.2 Improve Tourism Information and Management	X					
15	E.2.2.2 Development of visitor carrying capacity study (Limits of Acceptable Change).	X					
16	E.2.2.3 Propose improvements to actualized current Management Plan	X					
17	E.2.2.4 Support creation of local communities eco-guiding group	X					
18	E.2.2.5 Implement training program for members of eco-guiding group	X					
19	E.3.1.1 Produce technical studies to best manage communities currently located in Park	X					
20	E.3.2 Work with local communities to improve relations	X					
21	E.3.2.1 Design job and microenterprises training program for local communities within MNP	X					
22	E.3.2.2 Design natural resource management, biodiversity conservation, and conflict resolution training, education and outreach	X					
23	E.3.2.3 Implement Proper Wastes Management	X					
F.1	Alcanzar el desarrollo institucional para la sostenibilidad						
24	F.1.1.1 Convocar un taller de todos los actores individuos y institucionales para desarrollar una visión de consenso para la conservación de tortugas marinas en El Salvador.	X					
25	F.1.1.2 Preparar un documento escrito que especifica una estructura institucional optima entre el gobierno, ONGs nacionales y locales, municipios, asociaciones comunales,	X					

Task #	IMCCW FY 2010 workplan activities	Screening result			Recommended Determinations		
		Very low risk	Moderate or unknown risk	High risk	No significant adverse impact with specified mitigation	no significant adverse impact	Significant Adverse impact
		y otras organizaciones para alcanzar las metas del la estrategia nacional para la conservación de las tortugas marinas.					
26	F.1.2.1	Diagnóstico y evaluación de FUNZEL, incluyendo su sistema financiero y administrativo.	X				
27	F.1.2.2	Un Plan de Desarrollo Institucional para el fortalecimiento de FUNZEL	X				
28	F.1.2.3	Implementación del Plan de Desarrollo Institucional FUNZEL: formación de equipo de trabajo de FUNZEL	X				
29	F.1.2.4	Implementación del Plan de Desarrollo Institucional FUNZEL: capacitación administrativa y fortalecimiento financiero	X				
30	F.1.2.5	Implementación del Plan de Desarrollo Institucional FUNZEL: Plan de Negocios para operación estratégicas de largo plazo	X				
31	F.1.2.6	Implementación del Plan de Desarrollo Institucional FUNZEL: Planes para mejorar sistemas de monitoreo de FUNZEL para observación y rescate de tortugas marinas	X				
32	F.1.2.7	Implementación del Plan de Desarrollo Institucional FUNZEL: Implementación de la estrategia de financiamiento de largo plazo	X				
33	F.1.3.1	Desarrollar un plan de levantamiento de fondos a largo plazo	X				
34	F.1.3.2	Conseguir por lo menos 5 PPPs para dar apoyo financiero a la conservación de tortugas marinas	X				
35	F.1.3.3	Conseguir por lo menos 1 GDA para dar apoyo financiero a la conservación de tortugas marinas	X				
36	F.1.3.4	Proveer capacitación y asistencia técnica para palanquear alianzas públicos privados	X				
37	F.1.3.5	Establecer nexos con operadores de turismo como oportunidad para alianzas publico-privadas	X				
38	F.1.3.6	Realización de visitas relacionadas a tortugas como producto/destino	X				
39	F.1.4.1	Conceptualización de la red de comunidades tortugueras y actores claves	X				
40	F.1.4.2	Establecimiento de un comité de coordinación de la red.	X				
41	F.1.4.3	Fortalecimiento del comité inter-institucional sobre manejo y conservación de tortugas marinas	X				
42	F.1.4.4	Reuniones regulares de la red y alianzas	X				
43	F.1.4.5	Participación de la red en las reuniones del ETI	X				
	F.2	Reducir la demanda y educación publica					
44	F.2.1.1	Actualización de lista de establecimientos que comercializan huevos de tortuga	X				
45	F.2.1.2	Establecer los equipos de monitoreo del consumo de huevos de tortuga marina	X				
46	F.2.1.3	Establecer línea base actualizada del consumo de huevos de tortuga marina	X				
47	F.2.1.4	Monitoreo y/o sondeo in situ (mercados, restaurantes, bares, puntos de venta).	X				
48	F.2.1.5	Procesamiento de datos, análisis y elaboración de informes sobre el nivel de venta.	X				
49	F.2.2.1	Primera Campaña de comunicación educativa de Radio	X				
50	F.2.2.2	Segunda Campaña de comunicación educativa de Radio	X				
51	F.2.2.3	Establecimiento de rotulación en calles y carreteras	X				
52	F.2.2.4	Producción y distribución de materiales impresos	X				
53	F.2.2.5	Producción de Video promocional / educativo sobre conservación de tortuga marina dirigido al sector privado	X				
54	F.2.2.6	Presentaciones de Video Conservación de tortuga marina.	X				
55	F.2.2.7	Producción de banners en estructuras roll up, con mensajes conservación tortuga marina y difusión de Veda	X				
56	F.2.2.8	Exhibición de banners en estructuras roll up con mensajes sobre conservación de tortuga marina y turismo en cinco puntos del Aeropuerto de Comalapa	X				
57	F.2.2.9	Producción de artículos promocionales con mensajes sobre conservación de tortuga marina	X				
58	F.2.2.10	Incidencia en medios de comunicación	X				
59	F.2.2.11	Monitoreo de campaña de radio mediante grupos focales	X				
60	F.2.2.12	Apoyo al manejo de comunicación para divulgación de logros y concienciación ambiental	X				
	F.3	Mejorar las políticas y regulaciones					
61	F.3.1.1	Asegurar la participación de oficiales claves	X				
62	F.3.1.2	Realizar reuniones periódicas de planificación y coordinación	X				
63	F.3.1.3	Facilitar propuestas paso a paso sobre cambios regulatorios	X				

Task #	IMCCW FY 2010 workplan activities	Screening result			Recommended Determinations		
		Very low risk	Moderate or unknown risk	High risk	No significant adverse impact with specified mitigation	no significant adverse impact	Significant Adverse impact
64	F.3.1.4	Coordinaciones entre ETI y la red de playas	X				
65	F.3.2.1	Consultaría para un análisis de legislación y reglamentos existentes para la conservación de tortugas marinas e identificación de vacíos	X				
66	F.3.2.2	Informe de Análisis	X				
67	F.3.2.3	Presentar borradores de ordenanzas municipales que apoyen a la protección de las tortugas marinas	X				
68	F.3.3.1	Identificación y selección de instituciones y personal clave para el cumplimiento de la legislación para la conservación de las tortugas marinas.	X				
69	F.3.3.2	Diseño de programa de capacitación de personal clave en el cumplimiento de la legislación para la conservación de la tortuga marina	X				
70	F.3.3.3	Producción de material didáctico de apoyo.	X				
71	F.3.3.4	Jornadas de capacitación de personal clave en el cumplimiento de la legislación para la conservación de la tortuga marina	X				
72	F.3.4.1	Definición del concepto de playa protegida y mecanismos legales para el establecimiento de playas protegidas	X				
73	F.3.4.2	Definición de criterios para selección de playas protegidas.	X				
74	F.3.4.3	Caracterización de las playas bajo criterios y enfoque para playa protegida	X				
75	F.3.4.4	Validación de playas seleccionadas	X				
76	F.3.4.5	Borrador de mecanismo legal	X				
77	F.3.4.6	Planes de Manejo para Playas Protegidas escogidas	X				
78	F.3.4.7	Gestiones ante el MARN para lograr los acuerdos ejecutivos para protección de dos playas.	X				
	F.4	Mejorar acciones de conservación para las tortugas marinas					
79	F.4.1.1	Diagnóstico de playas principales, incluyendo necesidades, acciones de mitigación, confirmación de la línea base, y georeferencias basado en diagnósticos y datos existentes así como nueva información.	X				
80	F.4.1.2	Mapas y datos geográficos para playas seleccionadas	X				
81	F.4.2.1	Re-impresión y diagramación del manual de operaciones	X				
82	F.4.2.2	Validación de versión popular con actores locales (usuarios)	X				
83	F.4.3.1	Capacitación a viveristas y operadores de viveros en cada playa: mejores practicas para viveros exitosos.	X				
84	F.4.3.2	Conducción de taller de sensibilización sobre el nuevo rol de los tortugueros.	X				
85	F.4.3.3	Conducción de jornadas de concienciación a comunidades, sobre conservación de playas.	X				
86	F.4.3.4	Adaptar la guía básica a cada playa con participación comunitaria (comunidad, ranchos, empresas, municipalidades, ADESCOS, etc.)	X				
87	F.4.3.5	Implementación de practicas de la guía básica por parte de las comunidades tortugueras	X				
88	F.4.3.6	Ejecución de acciones en cada playa, con participación de lideres locales, ONGs, instituciones y otros actores locales.	X				
89	F.4.3.7	Evaluación de asistencia técnica provista por Proyecto (Mayo - Nov 2009)	X				
90	F.4.3.8	Evaluación de asistencia técnica provista por Proyecto (Ene - Ago 2010)	X				
91	F.4.3.9	Desarrollar un guía básica sobre manejo de playa que se pueda modificar según las condiciones de cada playa.	X				
92	F.4.3.10	Adaptar la guía básica a cada playa con participación comunitaria (comunidad, ranchos, empresas, municipalidades, ADESCOS, etc.)	X				
93	F.4.3.11	Implementación de practicas de la guía básica por parte de las comunidades tortugueras	X				
94	F.4.4.1	Realizar un análisis del contexto socio-económico en cinco playas representativas para entender las necesidades de las comunidades locales y mejorar las acciones de la conservación	X				
95	F.4.4.2	Plan de Asistencia Técnica (PAT) en cada playa con lideres locales, ONGs, instituciones y otros actores locales.	X				
96	F.4.4.3	Promoción de medidas de mitigación económicas y generación de ingresos entre tortugueros natos		X			X
97	F.4.4.4	Dinámica de comunidades costeras-Uso de recursos	X				
98	F.4.5.1	Revisión de protocolos sobre "varamiento" de tortugas marinas existentes y propuesta adaptada a realidad nacional.	X				

Task #	IMCCW FY 2010 workplan activities	Screening result			Recommended Determinations		
		Very low risk	Moderate or unknown risk	High risk	No significant adverse impact with specified mitigation	no significant adverse impact	Significant Adverse impact
99	1.4.5.2	Validación técnica de protocolo elaborado por medio de un Taller de consulta con actores clave	X				
100	F.4.5.3	Presentación y validación de protocolo adaptado, a nivel local	X				
101	F.4.5.5	Atención veterinaria a tortugas heridas varadas	X				
102	F.4.6.1	Estrategia de Implementación de Plan Nacional de Tortugas Marinas en apoyo a MARN	X				
103	F.4.6.2	Selección y monitoreo de playas prioritarias para conservación de la tortugas marinas	X				
104	F.4.6.3	Estudio de aspectos biológicos (hábitos de forrajeo, etc.) de las tortugas marinas para identificar recursos marinos-costeros críticos y amenazas críticas para la conservación de las tortugas.	X				

*An Environmental Review Report for these activities provided in Annex 1

K. ADMINISTRATION

The IMCCW administrative team continued to ensure efficient financial management, IT and communications support, monitoring and evaluation, data management and project documentation, contracting and procurement, vehicles and logistics management, and operation of the IMCCW project office.

Table 20. Administration activities in FY 2010 Q3.

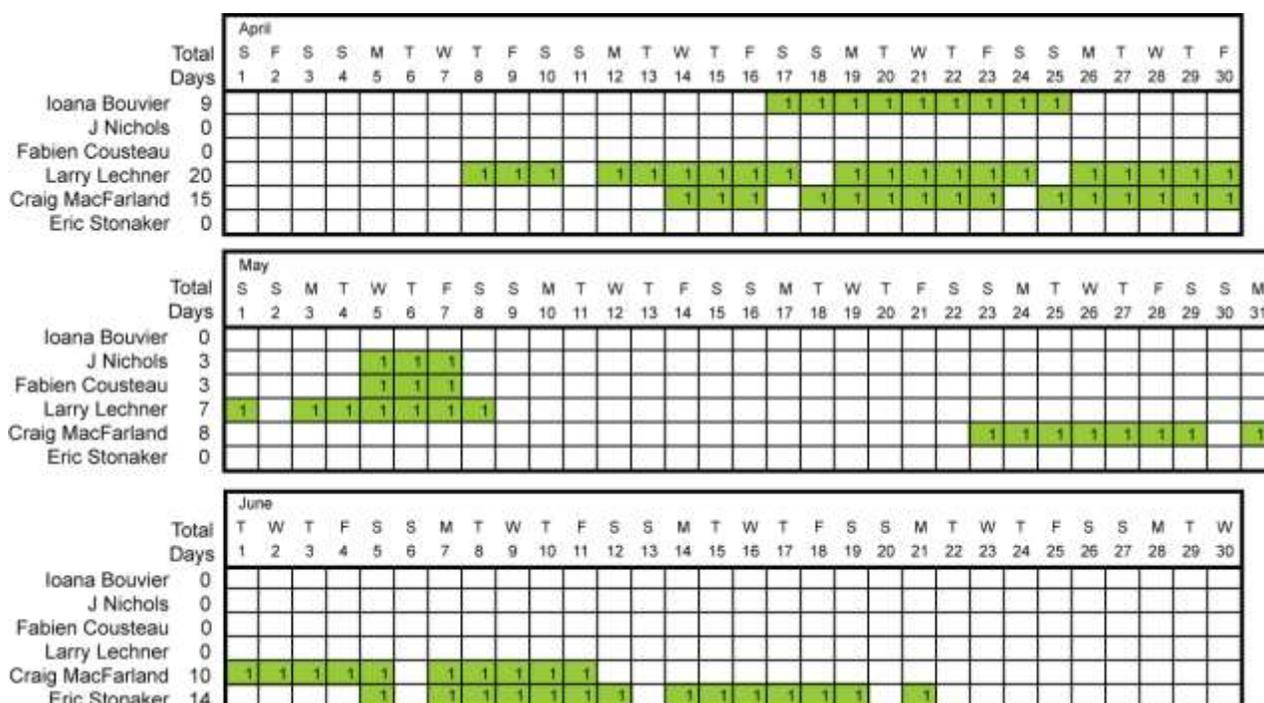
Objective	Actions accomplished
1 Financial management	<ol style="list-style-type: none"> 1. Prepared FY 2010 Q3 Financial Report; 2. Prepared a financial proposal for a IMCCW extension through March 2011; 3. Coordinated with technical component directors to track component budgets and manage expenditures; 4. Procured a scanner to scan all project supporting documents; 5. Provided logistical support to the publicity campaign to reduce the consumption of sea turtle eggs; 6. Supported FUNZEL in the process to update its financial and administrative records and apply to the Interior and Treasury ministries to renew its status as a legal non-profit organization; 7. Supervised the selection of hatchery managers; 8. Supervised the selection and work of sea turtle egg payment managers;
3 Monitoring and Evaluation; Data management	<ol style="list-style-type: none"> 1. Completed an internal technical audit of IMCCW through 30 September 2009; 2. Over-counting of hectares of improved management discovered in previous technical documentation; 3. Reviewed data quality for number of sea turtle eggs collected and hatchlings released and made appropriate adjustments; 4. Data update and re-analysis of sea turtle egg commercialization and value chain; 5. Completed follow-up survey of continued economic impact of EcoExperiencias web site; 6. Began follow-up survey of continued economic impact of IMCCW activities to create economic incentives for improved natural resource management; 7. Coordinated an internal financial and administrative audit of IMCCW;

Objective		Actions accomplished
4	Staffing and contracting	<ol style="list-style-type: none"> 1. Numa Hernandez hired to replace Karla Evangelista as FUNZEL Field Team Coordinator; 2. James Linares was hired to supervise the maintenance and repair works of the four marine buoys in Los Cóbano; 3. Three sea turtle egg payment managers hired: Gloria Galvez, Jorge Urbina, and Pedro Henriquez.
5	Direct participation in IMCCW project activities	<ol style="list-style-type: none"> 1. Provided daily administrative and financial support to FUNZEL operations; 2. Attended meetings with FIAES to establish an institutional structure and financial mechanism to sustain sea turtle conservation in El Salvador; 3. Participated in signing strategic alliances with various private donors, and supervised oversight procedures for bank accounts for donated funds; 4. Supported the process of obtaining clearance and student visas for two MARN employees to attend the CSU course in Protected Areas Management; 5. Provide logistic support to various activities, investors breakfast, inauguration of sea turtle harvest season and several press conferences to launch the awareness campaign to avoid consumption of sea turtle eggs;

STTA VISITS

Seven STTA consultants completed 89 days of technical support to IMCCW in El Salvador between April 1 and June 30, 2010.

Figure 10. Calendar of FY 2010 Q3 STTA visits.



L. REFERENCES

1. IMCCW 2009a. Annual Report FY 2009 (October 2008 to September 2009) USAID Improved Management and Conservation of Critical Watersheds. IMCCW Project Document.
2. IMCCW 2009b. Annual Work Plan FY 2010 (October 2009 to September 2010) USAID Improved Management and Conservation of Critical Watersheds. IMCCW Project Document.

M. FINANCIAL REPORT

IMCCW provides USAID a FY 2010 Q2 financial report under a separate cover.

N. ANNEX 1: ENVIRONMENTAL REVIEW REPORTS

IMCCW FY 2010 WORKPLAN TASK E.2.1.2: TRAIL BUILDING IN MONTECRISTO NATIONAL PARK.

GUÍA PARA VERIFICACIÓN DE CAMPO – ANÁLISIS AMBIENTAL

“HABILITACIÓN DE INFRAESTRUCTURA COMUNAL”

Guía Ambiental No: 1

Espacio reservado para USAID		
- Convenio de cooperación		Observaciones:
- Código de aprobación		
- Fecha inicio del proyecto		
- Fecha de finalización		

- Fecha de elaboración de la Guía	11 de noviembre de 2009
- Fecha de presentación	
- Fecha visita de CTO al Campo	
- Fecha de visita de MEO al campo	

A. Información de la organización y del especialista evaluador que implementará la obra

1	Nombre de la organización	Actividad USAID Mejor Manejo y Conservación de Cuencas Hidrográficas Críticas
2	Dirección	Avenida Dr. José Zablah 4-6 Colonia Utila, Santa Tecla
3	Teléfono / Fax	2288-4198 2228-1459 (fax)
4	Nombre y título del especialista que completa la guía	Larry Lechner Especialista en infraestructura en áreas protegidas Con Kit Kernan, COP
5	Nombre y cargo de la (s) personas de la comunidad que participaron con el especialista	Juan Pablo Domínguez Director del Componente Mejoramiento del Parque Nacional Montecristo
6	Breve descripción de las actividades de habilitación de infraestructura que realizará el proyecto	Mejoramiento de los senderos en PN Montecristo

B. Información general del proyecto

7	Nombre	Mejor Manejo y Conservación de Cuencas Hidrográficas Críticas, componente mejoramiento de PN Montecristo
8	Departamento	Santa Ana
9	Municipio	Metapán
10	Cantón	San José Ingenio
11	Nombre caserío o comunidad	Parque Nacional Montecristo, San José Ingenio
12	Inversión de contrapartida	

13	Inversión de USAID	\$12,500
14	Otras instituciones involucradas: Participación y contacto	MARN
15	Duración del Proyecto	6 meses

C. Información de la comunidad beneficiaria del proyecto

Preguntas Claves	Si		No
	Impacto adverso importante esperado si no se aplican medidas de mitigación	Impacto adverso moderado esperado si no se aplican medidas de mitigación	
Medio Ambiente General			
¿El proyecto tendrá impactos razonables previsible para las especies en vía de extinción o endémicas?			XX
¿Existe alguna actividad peligrosa o altamente contaminante que se esté llevando a cabo o que se pueda predecir en áreas aledañas?			XX
¿La utilización del terreno en el pasado podría poner en peligro a la población futura?			XX
¿El sitio se encuentra en riesgo moderado o alto con relación a peligros naturales?			XX
¿La encuesta sobre el medio ambiente identificó algún otro aspecto importante? En caso afirmativo, especifique			XX
Infraestructura Asociada			
Habrá necesidad de crear o rehabilitar una vía de acceso adecuada?	Sí, nuevos senderos en algunos sitios o modificación de rutas en otros		
Habrá necesidad de construir infraestructura de transmisión eléctrica / generación?	No		
Habrá necesidad de construir un suministro de agua e infraestructura de tratamiento?	No		
Existen fuentes de agua disponibles?	Si		
¿El sistema de agua potable propuesto proporciona los requerimientos para la población estimada actual y la futura?	no aplica		
¿La calidad del agua potable cumple con las normas de la agencia nacional o patrocinadora?	Sí, donde hay		
¿Se ha tenido en cuenta en el diseño y trazado del proyecto la fuente del alumbrado?	Si		
¿la disponibilidad del combustible para	no aplica		

Preguntas Claves	Si		No
	Impacto adverso importante esperado si no se aplican medidas de mitigación	Impacto adverso moderado esperado si no se aplican medidas de mitigación	
cocinar es proporcional a la demanda de la comunidad?			
¿El sistema de eliminación de desechos sólidos cumple con las normas pertinentes y se diseñará teniendo en mente el crecimiento futuro?	Si		
¿Existe un sistema de eliminación de aguas negras /grises incluido en el diseño?	no aplica		
¿El sistema de eliminación de efluentes de agua cumple con las normas de agencias nacionales o de los patrocinadores?	no aplica		
El Plan de Construcción			
¿Los materiales para la construcción son adecuados para las condiciones climáticas promedio?	Si		
¿El ocupante estará cómodo en las estaciones de verano e invierno?	Si		
¿La pendiente del sitio sobrepasa el 20%?	Sí, en algunos lugares pero los senderos no van a tener más del 15% excepto en tramos cortos (menos de 10 m.) y nunca más que la mitad de la pendiente natural		
¿Se ha tenido en cuenta la dirección predominante del viento en el diseño	Si		
¿El diseño y el trazado incluyen áreas verdes áreas sociales y de recreación	Si		
¿Se ha diseñado un sistema de recolección de basura?	Si		
¿El diseño contempla una futura ampliación? (incluye el crecimiento de la población, ampliación de las casas individuales, y conexiones a servicios futuros)	Si		
Las actividades de construcción			
Producen Erosión	No, al contrario, reduzcan erosión que esta ocurriendo en los senderos		
Contaminación del agua	No, al contrario, reduzcan sedimentación y contaminación de cuerpos de agua que está ocurriendo por mal diseño de los senderos existentes		

Preguntas Claves	Si		No
	Impacto adverso importante esperado si no se aplican medidas de mitigación	Impacto adverso moderado esperado si no se aplican medidas de mitigación	
Contaminación del aire	no		
Deforestación	no		
Pérdida de hábitat o de biodiversidad	no		
Efectos sobre las especies amenazadas o en peligro	no		
Inestabilidad de las laderas	no		
Derrumbes	no		
¿Habrán un impacto debido a los desechos de construcción?	Poco, sobra de tierra sacado para hacer los senderos		
¿Se utilizarán los recursos de agua del sitio para satisfacer las necesidades de la construcción?	no		

16	Nombre y cargo de la persona contacto de la Junta Directiva				
17	Número de familias en la comunidad				
18	Número de beneficiarios	Total	Mujeres	Hombres	Niños
19	Servicios con los que cuenta la comunidad				

20	Actividades productivas que actualmente se realizan	Mejor manejo y gerencia del Parque Nacional Montecristo Mejorar la experiencia del visitante Bajos impactos negativos de erosión Nuevas oportunidades para visitantes Nuevas oportunidades para educación ambiental Posible capacitación de gente de las comunidades locales
21	Servicios que facilitará o brindará la obra	Mejor manejo de visitantes y disminuir la presión en las áreas de camping existentes Posibles nuevas capacidades dependiendo de su participación en las actividades
22	Cuenta el proyecto con adjudicación previa del Estudio de impacto ambiental?	Sí ___ No ___X_

D. Preguntas clave: sitio y diseño

Estos listados de verificación deben contestarse utilizando la información tomada de las encuestas de la línea de base y del perfil del proyecto. Se pueden indicar los impactos adversos como importantes o moderados. Para cada uno de los impactos adversos **importantes** se debe considerar como obligatoria una medida atenuante. Para cada impacto adverso moderado, se debe tener en cuenta la mitigación. Al final de esta sección se presentan las medidas de mitigación para este sector de información.

E. Medidas de mitigación de impactos ambientales y reducción de riesgo identificados

	Impacto o riesgo potencial identificado	Medida de mitigación o reducción de riesgo
a.	pendientes fuertes	Todos los senderos van a ser construidos con normas de mejores prácticas que no permiten grados no sostenibles en cuanto al tipo de suelos, pendiente, lluvias, usuarios, etc.
b.	posible sobra de tierra debido a actividades de construcción	Cuando sea posible, reutilizarlo para relleno y ubicarlo en lugares aceptables para colocar tierra, dispersarlo para minimizar actividades,
c.	perturbación de hábitat	La gran mayoría de los senderos va a tener lugar donde ya hay senderos con nuevos tramos cortos para evitar áreas de pendientes fuertes; cada sitio y sendero va a contar con un estudio de sitio que identifica en más detalle las condiciones locales.
d.		
e.		

Nombre del especialista que completó la guía:

Larry Lechner

Fecha: 11 de noviembre de 2009

Firma:



GUÍA PARA VERIFICACIÓN DE CAMPO – ANÁLISIS AMBIENTAL

“HABILITACIÓN DE INFRAESTRUCTURA COMUNAL”

Guía Ambiental No: 2

Espacio reservado para USAID		
- Convenio de cooperación		Observaciones:
- Código de aprobación		
- Fecha inicio del proyecto		
- Fecha de finalización		

- Fecha de elaboración de la Guía	11 de noviembre de 2009
- Fecha de presentación	
- Fecha visita de CTO al Campo	
- Fecha de visita de MEO al campo	

B. Información de la organización y del especialista evaluador que implementará la obra

1	Nombre de la organización	Actividad USAID Mejor Manejo y Conservación de Cuencas Hidrográficas Críticas
2	Dirección	Avenida Dr. José Zablah 4-6 Colonia Utila, Santa Tecla
3	Teléfono / Fax	2288-4198 2228-1459 (fax)
4	Nombre y título del especialista que completa la guía	Larry Lechner Especialista en infraestructura en áreas protegidas Con Kit Kernan, COP
5	Nombre y cargo de la (s) personas de la comunidad que participaron con el especialista	Juan Pablo Domínguez Director del Componente Mejoramiento del Parque Nacional Montecristo
6	Breve descripción de las actividades de habilitación de infraestructura que realizará el proyecto	1. Mejorar las 3 áreas de camping existentes con nuevos servicios sanitarios, duchas, sitios 2. Cerrar y rehabilitar un camino erosionado y reemplazarlo con un sendero con 1 refugio y una plataforma de observación. 3. Desarrollar un área de picnic y estacionamiento relacionado al sendero mencionado en el numeral 2 4. Hacer una nueva área para acampar con 10 lugares en la zona baja para gente que no llegue hasta Los Planes. 5. Construir una plataforma para hacer monitoreo del muro en Cárcava 1.

B. Información general del proyecto

7	Nombre	Mejor Manejo y Conservación de Cuencas Hidrográficas Críticas, componente mejoramiento de PN Montecristo
8	Departamento	Santa Ana
9	Municipio	Metapán
10	Cantón	San José Ingenio
11	Nombre caserío o comunidad	Parque Nacional Montecristo, San José Ingenio

12	Inversión de contrapartida	
13	Inversión de USAID	\$17,500.00
14	Otras instituciones involucradas: Participación y contacto	MARN
15	Duración del Proyecto	12 semanas

C. Información de la comunidad beneficiaria del proyecto

16	Nombre y cargo de la persona contacto de la Junta Directiva	
17	Número de familias en la comunidad	
18	Número de beneficiarios	Total Mujeres Hombres Niños
19	Servicios con los que cuenta la comunidad	
20	Actividades productivas que actualmente se realizan	Mejor manejo y gerencia del parque nacional Montecristo Mejor la experiencia del visitante Bajo impactos negativos de erosión Nuevas oportunidades para visitantes Nuevas oportunidades para educación ambiental
21	Servicios que facilitará o brindará la obra	Mejor manejo de visitantes y disminuir la presión en las áreas de camping existentes
22	Cuenta el proyecto con adjudicación previa del Estudio de impacto ambiental?	Sí ___ No <u>X</u>

D. Preguntas clave: sitio y diseño

Estos listados de verificación deben contestarse utilizando la información tomada de las encuestas de la línea de base y del perfil del proyecto. Se pueden indicar los impactos adversos como importantes o moderados. Para cada uno de los impactos adversos **importantes** se debe considerar como obligatoria una medida atenuante. Para cada impacto adverso moderado, se debe tener en cuenta la mitigación. Al final de esta sección se presentan las medidas de mitigación para este sector de información.

Preguntas Clave	Si		No
	Impacto adverso importante esperado si no se aplican medidas de mitigación	Impacto adverso moderado esperado si no se aplican medidas de mitigación	
Medio Ambiente General			
¿El proyecto tendrá impactos razonables previsible para las especies en vía de extinción o endémicas?			XXX
¿Existe alguna actividad peligrosa o altamente contaminante que se esté llevando a cabo o que se pueda predecir en áreas aledañas?			XXX
¿La utilización del terreno en el pasado podría poner en peligro a la población futura?			XXX
¿el sitio se encuentra en riesgo moderado o alto con relación a peligros naturales?		En el caso de la plataforma de monitoreo, si pero	

	Si		No
Preguntas Clave	Impacto adverso importante esperado si no se aplican medidas de mitigación	Impacto adverso moderado esperado si no se aplican medidas de mitigación	
		los diseños y el nuevo sendero de acceso bajan los riesgos	
¿La encuesta sobre el medio ambiente identificó algún otro aspecto importante? En caso afirmativo, especifique			XXX
Infraestructura Asociada			
Habrá necesidad de crear o rehabilitar una vía de acceso adecuada?		1. en la plataforma de monitoreo del Muro de Cárcava 1 un sendero será construido de forma suave para eliminar problemas de erosión y peligro a personal	
Habrá necesidad de construir infraestructura de transmisión eléctrica / generación?	no		
Habrá necesidad de construir un suministro de agua e infraestructura de tratamiento?	no		
Existen fuentes de agua disponibles?	si		
¿El sistema de agua potable propuesto proporciona los requerimientos para la población estimada actual y la futura?	si		
¿La calidad del agua potable cumple con las normas de la agencia nacional o patrocinadora?	si		
¿Se ha tenido en cuenta en el diseño y trazado del proyecto la fuente del alumbrado?	si, alumbrado natural		
¿la disponibilidad del combustible para cocinar es proporcional a la demanda de la comunidad?	si		
¿El sistema de eliminación de desechos sólidos cumple con las normas pertinentes y se diseñará teniendo en mente el crecimiento futuro?	si, en los lugares de camping y el nuevo lugar de picnic, todas las áreas de camping ya tienen facilidades pero propone mejorar con fosa séptica de plástico y diseño adecuado para evitar contaminación		

Preguntas Clave	Si		No
	Impacto adverso importante esperado si no se aplican medidas de mitigación	Impacto adverso moderado esperado si no se aplican medidas de mitigación	
¿Existe un sistema de eliminación de aguas negras /grises incluido en el diseño?	si		
¿El sistema de eliminación de efluentes de agua cumple con las normas de agencias nacionales o de los patrocinadores?	si		
El Plan de Construcción			
¿Los materiales para la construcción son adecuados para las condiciones climáticas promedio?	si		
¿El ocupante estará cómodo en las estaciones de verano e invierno?	si		
¿La pendiente del sitio sobrepasa el 20%?	Sí, en el lugar del nuevo sendero pero las pendientes del nuevo sendero no sobrepasarán el 15% y será menos en la mayoría de los tramos.		
¿Se ha tenido en cuenta la dirección predominante del viento en el diseño	Si		
¿El diseño y el trazado incluyen áreas verdes áreas sociales y de recreación	Si		
¿Se ha diseñado un sistema de recolección de basura?	Si		
¿El diseño contempla una futura ampliación? (incluye el crecimiento de la población, ampliación de las casas individuales, y conexiones a servicios futuros)	Si		
Las actividades de construcción			
Producen Erosión	No, al contrario, especialmente en la eliminación del camino a la torre de observación.		
Contaminación del agua	No		
Contaminación del aire	No		
Deforestación	no		
Pérdida de hábitat o de biodiversidad	no		
Efectos sobre las especies amenazadas o en peligro	no		
Inestabilidad de las laderas	no, al contrario		
Derrumbes	No		
¿Habrá un impacto debido a los desechos de construcción?	tenemos un plan de manejo de desechos de construcción que incluye traslado de desechos al basurero de		

	Si		No
Preguntas Clave	Impacto adverso importante esperado si no se aplican medidas de mitigación	Impacto adverso moderado esperado si no se aplican medidas de mitigación	
	Metapan cuando sea necesario		
¿Se utilizarán los recursos de agua del sitio para satisfacer las necesidades de la construcción?	Si		

E. Medidas de mitigación de impactos ambientales y reducción de riesgo identificados

	Impacto o riesgo potencial identificado	Medida de mitigación o reducción de riesgo
a.	plataforma de monitoreo: <ol style="list-style-type: none"> 1. peligro de acceso del personal 2. erosión del sendero 3. peligro de caída de la plataforma 	<ol style="list-style-type: none"> 1. Se va a construir un nuevo sendero bien trazado según las normas de seguridad del muro hasta la plataforma, con escalones si es necesario 2. el sendero será trazado e implementado con normas de diseño que disminuye el nivel de erosión 3. la plataforma será construida con materiales de estructura fuerte y diseño arquitectónico, y con medidas de seguridad como pasamanos
b.	áreas de camping existentes: <ol style="list-style-type: none"> 1. potencial por la acumulación de basura y desechos durante construcción. 2. potencial por contaminación de aguas por aguas negras de los baños 3. potencial por erosión en los sitios de acampar y el camino que llega al sitio 4. potencial de incendios causados por los visitantes. 	<ol style="list-style-type: none"> 1. llevar los desechos al basurero en Metapan cada semana o con más frecuencia si sea necesario. 2. diseño correcto según normas establecidas de construcción de fosa séptica – mejora considerablemente la situación actual 3. nuevo control de drenaje superficial y arreglos al camino de acceso 4. normas de comportamiento de visitantes, mejor vigilancia.
c.	Cerrar camino a torre de observación y reemplazar con sendero con refugio y mirador. <ol style="list-style-type: none"> 1. potencial de erosión del nuevo sendero 2. potencial de perturbar vida silvestre 3. incendios causados por visitantes fumando. 	<ol style="list-style-type: none"> 1. construir los senderos de normas establecidas para minimizar erosión. 2. identificar lugares con presencia de vida silvestre sensible a la presencia de seres humanos y evitar estos lugares 3. prohibir fumar y mejor vigilancia.
d.	Desarrollar un área de picnic y estacionamiento relacionado al sendero mencionado en c. <ol style="list-style-type: none"> 1. pérdida de vegetación 2. desechos de los vehículos estacionados 3. erosión de suelos 4. perturbación de vida silvestre 	<ol style="list-style-type: none"> 1. utilizar áreas ya degradadas lo máximo posible 2. planificar el lote de estacionamiento de manera que hay buen drenaje y tener basureros y educación ambiental 3. hacer todos los diseños en una manera que controla bien el drenaje y flujos de aguas superficiales

	Impacto o riesgo potencial identificado	Medida de mitigación o reducción de riesgo
		4. identificar lugares con presencia de vida silvestre sensible a la presencia de seres humanos y evitar estos lugares
e.	<p>hacer un nuevo área de acampar con 10 lugares en la zona baja para gente que no alcance los planes</p> <ol style="list-style-type: none"> 1. pérdida de vegetación 2. perturbación de vida silvestre 3. desechos 4. erosión 5. incendios causados por visitantes 	<ol style="list-style-type: none"> 1. utilizar áreas ya degradadas lo máximo posible y planificar el lote de estacionamiento de manera que hay buen drenaje 2. tener basureros y educación ambiental 3. hacer todos los diseños en una manera que controla bien el drenaje y flujos de aguas superficiales 4. identificar lugares con presencia de vida silvestre sensible a la presencia de seres humanos y evitar estos lugares 5. control estricto de fuego con normas y vigilancia

Nombre del especialista que completó la guía:

Larry Lechner

Fecha: 11 noviembre 2009

Firma:

GUÍA PARA VERIFICACIÓN DE CAMPO – ANÁLISIS AMBIENTAL

“Promoción de medidas de mitigación económicas y generación de ingresos entre tortugueros natos”

Guía Ambiental No: 3

Espacio reservado para USAID	
- Convenio de cooperación	Observaciones:
- Código de aprobación	
- Fecha inicio del proyecto	
- Fecha de finalización	
- Fecha de elaboración de la Guía	20 de junio de 2010
- Fecha de presentación	
- Fecha visita de CTO al Campo	
- Fecha de visita de MEO al campo	

C. Información de la organización y del especialista evaluador que implementará la obra

1	Nombre de la organización	Actividad USAID Mejor Manejo y Conservación de Cuencas Hidrográficas Críticas
2	Dirección	Avenida Dr. José Zablah 4-6 Colonia Utila, Santa Tecla
3	Teléfono / Fax	2288-4198 2228-1459 (fax)
4	Nombre y título del especialista que completa la guía	Christopher Kernan COP y especialista in conservación y biodiversidad
5	Nombre y cargo de la (s) personas de la comunidad que participaron con el especialista	Enriqueta Ramírez, Director del Componente Tortugas Marinas del IMCCW; Edgardo Molina, Director Actividades de Mitigación y Alternativas Económicas;
6	Breve descripción de las actividades que se revisa;	1. Promover actividades con las comunidades de tortugueros que mitigan el impacto económico de la veda de comercialización de tortugas marinas y brindan alternativas económicas a la recolección de huevos de tortugas marinas: a. pesca mejorada que tiene que incluya la construcción y instalación de arrecifes artificiales en la Bahía de Jiquilisco; b. cultivo de conchas en los manglares de la Bahía de Jiquilisco; c. agricultura y horticultura orgánica y sostenible;

B. Información general del proyecto

7	Nombre	Mejor Manejo y Conservación de Cuencas Hidrográficas Críticas
8	Departamento	Ahuachapan, Usulután
9	Municipio	
10	Cantón	

11	Nombre caserío o comunidad	Bola de Monte, San Juan del Gozo, El Icacó, Isla de Méndez, Isla Montecristo, Corral de Mulas, San Sebastián,
12	Inversión de contrapartida	\$7,500
13	Inversión de USAID	\$11,935
14	Otras instituciones involucradas: Participación y contacto	ADESCOS de las comunidades costeras y otros grupos comunitarias
15	Duración del Proyecto	10 meses

C. Información de la comunidad beneficiaria del proyecto

16	Nombre y cargo de la persona contacto de la Junta Directiva	NA			
17	Número de familias en la comunidad				
18	Número de beneficiarios	Total 167	Mujeres 22	Hombres 156	Niños
19	Servicios con los que cuenta la comunidad				
20	Actividades productivas que actualmente se realizan	<ol style="list-style-type: none"> 1. Operaciones de corrales de incubación para huevos de tortugas marinas; 2. Educación ambiental; 3. Alternativas y mitigación económicas; 4. Desarrollo institucional; 5. Investigación; 6. Apoyo legal; 			
21	Servicios que facilitará o brindará la obra	La sostenibilidad y estabilidad de conservación y mejor manejo de tortugas marinas			
22	Cuenta el proyecto con adjudicación previa del Estudio de impacto ambiental?	Sí ___ No <u>X</u> __			

D. Preguntas clave: sitio y diseño

Estos listados de verificación deben contestarse utilizando la información tomada de las encuestas de la línea de base y del perfil del proyecto. Se pueden indicar los impactos adversos como importantes o moderados. Para cada uno de los impactos adversos **importantes** se debe considerar como obligatoria una medida atenuante. Para cada impacto adverso moderado, se debe tener en cuenta la mitigación. Al final de esta sección se presentan las medidas de mitigación para este sector de información.

Preguntas Clave	Si		No
	Impacto adverso importante esperado si no se aplican medidas de mitigación	Impacto adverso moderado esperado si no se aplican medidas de mitigación	
Medio Ambiente General			
¿El proyecto tendrá impactos razonables previsibles para las especies en vía de extinción o endémicas?	Sí, pero impactos positivos a las especies de tortugas marinas y varios especies de peces ya afectado por el uso de explosivos para pescar		
¿Existe alguna actividad peligrosa o altamente contaminante que se esté llevando a cabo o que se pueda predecir en áreas aledañas?			XXX
¿La utilización del terreno en el			XXX

	Si		No
Preguntas Clave	Impacto adverso importante esperado si no se aplican medidas de mitigación	Impacto adverso moderado esperado si no se aplican medidas de mitigación	
pasado podría poner en peligro a la población futura?			
¿El sitio se encuentra en riesgo moderado o alto con relación a peligros naturales?			XXX
¿La encuesta sobre el medio ambiente identificó algún otro aspecto importante? En caso afirmativo, especifique			XXX

E. Medidas de mitigación de impactos ambientales y reducción de riesgo identificados

	Impacto o riesgo potencial identificado	Medida de mitigación o reducción de riesgo
a.	Arrecifes artificiales: 1. La introducción de arrecifes artificiales en la Bahía de Jiquilisco pueda concentrar las poblaciones de peces en lugares donde son más vulnerables a los pescadores. 2. La introducción de estructuras de concreto y hierro en las aguas de la Bahía pueda tener impactos ecológicos imprevisibles.	1. Arrecifes artificiales es una técnica introducida por CENDEPESCA hace años en la Bahía. Estudios hechos hasta la fecha en la Bahía y en otros lugares del mundo no han detectado ningún impacto negativos ni a las poblaciones de peces ni a otros aspectos ecosistémicos. El monitoreo de poblaciones de peces debe ser parte del manejo de la Bahía. 2. El monitoreo del ecosistema de la Bahía debe ser parte del manejo de los recursos naturales de la Bahía.
b.	Cultivo de conchas: 1. La introducción de semillas de curiles y cangrejos azules en los manglares de la Bahía de Jiquilisco pueda causar impactos al balance ecológico o funcionamiento del ecosistema.	1. Este riesgo es especulativo. Simplemente no hay información suficiente de decir si el riesgo sea significativo. Sin embargo, ambas especies introducidos son nativos a la Bahía y la cantidad introducida es poca y muy concentrada en lugares pequeños.
c.	Agricultura y horticultura. 1. Que los beneficiarios talarán bosques o limpiarán áreas de importancia para la biodiversidad. 2. Que las actividades agrícolas causarán erosión, contaminación química, o otros daños al medio ambiente.	1. El acuerdo firmado entre los beneficiarios y IMCCW obliga a la comunidad de Bola de Monte cuidar el medio ambiente y mejorar el manejo las playas de anidación. 2. Las técnicas agrícolas que IMCCW introducirá son orgánicas y muy compatibles con la conservación de suelos y el medio ambiente. Estas técnicas son iguales con las que IMCCW introdujo a los agricultores en los años anteriores del proyecto IMCCW.

Nombre del especialista que completó la guía:

Christopher Kernan

Fecha: 20 junio 2010

Firma: