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COASTAL COMMUNITY ADAPTATION PROJECT (C-CAP): YEAR TWO WORK PLAN

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Acronym list

C-CAP	Coastal Community Adaptation Project (USAID)
DAI	Development Alternatives Inc.
DRR	Disaster Risk Reduction
EU-GCCA	European Union - Global Climate Change Alliance
IPI	Infrastructure Prioritization Index
O&M	Operations and Maintenance
PACE-SD	Pacific Center for Environment - Sustainable Development (USP)
PNG	Papua New Guinea
QA/QC	Quality Assurance / Quality Control
SM	Social Mobilizer (USAID/C-CAP)
SMS	Short Message Service
ToT	Train the Trainer
USAID	United States Agency for International Development
USG	United States Government
USP	University of the South Pacific
V&A	Vulnerability and Adaptation

Introduction

The five-year (2012-17) Coastal Community Adaptation Project (C-CAP) is funded by USAID/Philippines and implemented by DAI in partnership with the University of the South Pacific's (USP) Pacific Center for Environment and Sustainable Development (PACE-SD). The project works directly with coastal communities across the Pacific region to: rehabilitate or construct new, small-scale community infrastructure that is resilient to the impacts of climate change; build capacity for disaster prevention and preparedness; and integrate climate resilient policies and practices into long-term land use plans and building standards.

The Pacific Island countries comprise the most vulnerable region in the world to climate change. The nature-based livelihoods and diverse cultures that have risen from these island nations, some of which stand only meters above sea level, are being challenged, and in some cases overwhelmed—such as in low lying areas of Fiji's Rewa Delta, in coastal communities in Papua New Guinea (PNG) and in unplanned development in Tonga's Popua—by sea level rise, changing ocean temperatures and acidity, increasing air temperatures, shifting rainfall and storm patterns, and other impacts of climate change that are projected to increase over the next 100 years. National adaptation strategies and policies are being put in place in many C-CAP countries, but implementation lags at the community level across the region as there is often a disconnect between national planning and community level needs and support for implementation. The impetus for this program stems from the critical importance of building vulnerable coastal communities' capacity to apply climate-smart decision making to improve coastal zone and water resource management and strengthen disaster management.

Through C-CAP, USAID will strengthen community resilience to climate change in 12 Pacific Island countries—the Federated States of Micronesia, Fiji, Kiribati, Nauru, Palau, PNG, Republic of Marshall Islands, Samoa, Solomon Islands, Tonga, Tuvalu, and Vanuatu. In 90 communities across the region, USAID builds local knowledge through community-based trainings and participatory risk mapping and analysis; cultivate adaptive capacity by helping local leaders to factor climate change projections into traditional decision-making processes; and strengthen resilience to disasters and climate change impacts through implementation of built and natural infrastructure, disaster prevention and preparedness training, and land-use planning.

From C-CAP headquarters in PNG and a sub-office in Fiji, **USAID champions the primary objective to build the resilience of vulnerable coastal communities in the Pacific region to withstand**

more intense and frequent weather events and ecosystem degradation in the short term, and sea level rise in the long term.

In the second year of operation, C-CAP adds four (4) new countries (Kiribati, Nauru, Tuvalu and the Solomon Islands) and initiates a second round of Component 1 activities in the Year One countries to promote climate resilience in 53 additional communities. In addition, C-CAP will commence Component 2 and 3 activities in fifteen (15) Year One communities. C-CAP recognizes that, owing to the slower than anticipated contract start up in Year One, the focus in the current year will be to build on established methodologies and implementation experience to accelerate technical implementation and commensurate budget execution. The aggressive schedule outlined in this Work Plan aims to close the technical and budget gap to position C-CAP to enter the third year of the Base Contract fully on schedule.

C-CAP Technical Components

C-CAP is comprised of three major technical components—each with multiple component tasks—in addition to overarching program management. These are:

Component 1: Coastal Zone Management Improved/Water Resource Management Capacity Improved

- Task 1.1: Identify and prioritize districts and coastal communities for participation and activities for implementation
- Task 1.2: Develop a network of Social Mobilizers from participating districts/communities
- Task 1.3: Develop and apply criteria to identify and prioritize community-specific social and economic infrastructure activities
- Task 1.4: Develop specifications, advertise, negotiate, and award and monitor subcontracts for infrastructure rehabilitation, repair or upgrading and new construction activities.
- Task 1.5: Conduct activity management.

Component 2: Disaster Management Strengthened

- Task 2.1: Risk identification – develop or update locally tailored assessments to improve understanding of current and future risks
- Task 2.2: Options identification – identify gaps and opportunities to reduce vulnerability and risk over both short and long time scales
- Task 2.3: Risk reduction – support for implementation of risk reducing adaptation activities at community level.

Component 3: Resilience in Communities Strengthened – Climate Resilient Land Use Planning and Building Standards

- Task 3.1: Develop plan of action to integrate climate adaptation into land-use planning and building standards
- Task 3.2: From Year 2, facilitate integration of climate adaptation policies and practices into community land-use and/or development planning.

Coastal Community Adaptation Project (C-CAP) – Year Two Work Plan Summary

The C-CAP Year Two Implementation Schedule and Detailed Year Two Work Plan outlines the C-CAP Team’s temporal strategy for continuing implementation in the 22 communities across Fiji (5), PNG (5), Samoa (5), Tonga (5) and Vanuatu (2) in which the project is currently engaged and launching programming in an additional 53 communities:

- Twenty (20) new communities (five per country) across Fiji, PNG, Samoa, and Tonga;
- Eight (8) new communities in Vanuatu;
- Fifteen (15) communities (five per country) across Kiribati, Solomon Islands and Tuvalu;
and
- Six (6) communities in Nauru.

The C-CAP team’s engagement in these four new countries—Kiribati, Nauru, Solomon Islands and Tuvalu—will extend the program reach to nine Pacific Island Countries—each country earmarked for infrastructure activity support. It should be noted that the Year Two Work Plan and Approach draws significantly on the experience learned during the initial year of C-CAP operations and implementation for both work approaches and planned accomplishment dates. For instance, C-CAP experience to date working with local capacity has indicated that the Component 1 infrastructure process involves additional steps, to identify, tender and award subcontracts for small infrastructure projects that has been factored into the accomplishment timeline. These steps include working with potential bidders to understand USG contracting rules and requirements, sources and opportunities to obtain performance bonds, detailed explanation of subcontract terms and conditions and additional effort to clarify requirements for insurances, health and safety plans and contraction monitoring and quality assurance plans

Year 2 marks the progression of C-CAP technical activities into Component 2 to assist coastal communities to strengthen disaster management through considering risk reduction opportunities, developing disaster management plans and engaging with local governments to implement disaster management strategies. The Year 2 Work Plan puts in place the specific activities that build on C-CAP’s engagement at the community level and on risk mapping (initiated during Component 1) to use participatory methodologies to assess vulnerably, identify risk reduction options and balance socioeconomic conditions with risk reduction measures.

C-CAP activities target programming in Year 1 and Year 2 countries / communities to accomplish:

- Completing vulnerability gap analyses and vulnerability mapping in 55 communities;
- Gathering Socioeconomic data in 55 communities;
- Prioritizing risk reduction measures in 75 communities; and
- Developing disaster risk reduction and management plans in 15 communities.

This Work Plan reflects examples of adjusted and enhanced work approaches such as leveraging initial products such as risk mapping in Component 1 to support Component 2 and 3 activities to inform planning in collaboration with local governance structures. Changes to the work planning activities are consistent with the overall contract milestone and delivery agreement and are intended to bring C-CAP into full compliance with the activity accomplishment and budget execution by the conclusion of Year 2.

The C-CAP Year Two Implementation Schedule (Gantt Chart) should be used as a sequential “table of contents” when reading the more robust Detailed Year Two Work Plan.

Year Two Summary Gantt Chart

C-CAP Year Two Implementation Schedule (Gantt Chart)												
<div style="border: 1px solid black; padding: 2px; display: inline-block;"> ▲ Deliverables ● Activities </div>	C-CAP Year Two – Sequence & Deliverables											
	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12
CROSS-CUTTING ACTIVITIES												
Recruit and deploy remaining long-term personnel		—————▲										
Conduct training for project staff on gender/disabled-awareness, analysis and responsive planning	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Promote visibility of USAID Climate Change Initiatives through communication products and activities					▲	▲	▲	▲	▲	▲	▲	▲
Access C-CAP Special Activities Fund to support regional climate change issues and events	<i>TBD</i>											
COMPONENT 1: Coastal Zone Management Improved / Water Resource Management Capacity Improved												
Task 1.1: Identify and prioritize districts and coastal communities for participation and activities for implementation												
Activity 1: Identify three priority C-CAP districts per year two country			▲									
Activity 2: Rank five priority communities in each selected district for USAID approval			▲									
Activity 3: Investigate possibility of office-share with district/provincial government					●							
Task 1.2: Develop a network of Social Mobilizers from participating districts/communities												
Activity 1: Identify Social Mobilizer in selected communities						▲						
Activity 2: Facilitate Training of Trainers (ToT) for Country Mobilizers					▲							
Activity 3: Facilitate group training and action planning seminar for Social Mobilizers and extension agents						▲						
Task 1.3: Develop and apply criteria to identify and prioritize community-specific social and economic infrastructure activities												
Activity 1: Establish Community Committees to govern activities and community decision making						●						
Activity 2: Conduct community outreach to set expectations						●						
Activity 3: Implement the Infrastructure Prioritization Index (IPI) in C-CAP communities									▲			
Activity 4: Establish formal Community Agreements with C-CAP communities												▲
Task 1.4: Develop specifications, advertise, negotiate and award and monitor subcontracts for infrastructure rehabilitation, repair or upgrading and new construction activities												
Activity 1: Develop infrastructure plans, specs for approved projects (includes deliverable: Environmentally Sound Design Manual)											▲	
Activity 2: Hold a pre-tender subcontractor information session for local small construction companies											●	
Activity 3: Conduct tender process for fast-track infrastructure activities											▲	
Activity 4: Complete 25 infrastructure activities												▲
Task 1.5: Conduct activity management												
Activity 1: Provide technical oversight and QA/QC for infrastructure projects												▲
Activity 2: "Self-perform" on construction where local firm capacity is weak												●
Activity 3: Conduct O&M training												●

Year Two Summary Gantt Chart (continued)

C-CAP Year Two Implementation Schedule (Gantt Chart)												
	C-CAP Year Two – Sequence & Deliverables											
	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12
COMPONENT 2: Disaster Management Strengthened												
Task 2.1: Risk identification—develop or update locally tailored assessments to improve understanding of current and future risks												
Activity 1: <i>Conduct gap analysis of existing vulnerability assessments</i>						▲						
Activity 2: <i>Lead participatory risk mapping exercise across priority C-CAP communities</i>						▲						
Activity 3: <i>Update community hazard, risk, and/or vulnerability maps</i>						●						
Task 2.2: Options identification—identify gaps and opportunities to reduce vulnerability and risk over both short and long time scales												
Activity 1: <i>Identify risk reduction options through collaborative process</i>								▲				
Activity 2: <i>Create C-CAP Prioritization Index for risk reduction measures</i>								▲				
Task 2.3: Risk reduction: support for implementation of risk reducing adaptation activities at community level												
Activity 1: <i>Gather baseline socioeconomic data in advance of activity implementation</i>								▲				
Activity 2: <i>Support implementation of prioritized risk reduction and prevention activities</i>								▲				
Activity 3: <i>With government counterparts, explore methods to communicate disaster related information and the use of other DRR tools and strategies, negotiate public-private partnerships with mobile service providers for SMS –based DRR tools</i>												▲
COMPONENT 3: Resilience in Communities Strengthened – Climate Resilient Land Use Planning and Building Standards												
Task 3.1: Develop plan of action to integrate climate adaptation into land-use planning and building standards												
Activity 1: <i>Conduct Preliminary Analysis of Existing Policies on Land Use and Building Codes</i>										▲		
Activity 2: <i>Generate Action Plan based on C-CAP Prioritization Index</i>												▲
Task 3.2: Facilitate integration of national climate adaptation policies and practices into community land use and/or development planning												

Year Two Detailed Work Plan

▲ = Key Deliverable (Table of contract deliverables in chronological order attached below the work plan – See Yar 2 Gantt Chart)

Components, Activities & Tasks	Month	Target
Cross-Cutting Activities		
Recruit and deploy remaining long-term personnel – Country Mobilizers	MAR 2014	4
C-CAP will recruit and hire Country Mobilizers (CMs) for Kiribati, Nauru, Tuvalu and Solomon Islands. This will complete hiring in the nine C-CAP countries with infrastructure activities. CMs will be engaged through the USP subcontract.		
Conduct training for project staff on gender/disabled-awareness, analysis, and responsive planning	MAR 2014	1
C-CAP has initiated discussion with the “Pacific Disability Forum” for facilitating a disability and gender mainstreaming training for C-CAP staff members. Training will take place after hiring of CMs is complete. Participation from all nine County Mobilizers, in addition to Fiji- and PNG-based staff will make the training efficient and consistent across all C-CAP infrastructure, disaster risk reduction and land use planning activities.		
Promote visibility of USAID Climate Change initiatives through communication and outreach products and activities	Monthly	12
	SEP 2014	1
C-CAP will develop and release monthly Newsletters to communicate C-CAP activities and raise visibility and awareness of USAID regional activities addressing climate change. Outreach products will include twelve (12) Newsletters, developed monthly as well as one (1) “Transforming Lives” produced by end of Year Two. As appropriate, C-CAP will coordinate closely with USAID and US Embassy Public Diplomacy sections to support awareness events and provide contact to USG outreach venues.		

Access C-CAP Special Activities Fund to support regional climate change issues and events	As Required	TBD
As directed by USAID, C-CAP will access the Special Activities Fund (SAF) to provide technical, logistical or coordination support to initiatives and activities promoting climate change adaptation. SAF initiatives may include but are not limited to development and production of technical publications, support for regional climate change fora / conferences or annual joint meetings for climate change adaptation planning and action and promotional materials. Pending approval from USAID a joint C-CAP / EU-GCCA meeting is anticipated in October 2014 to manage and transition regional climate change activities between the programs.	TBD	
COMPONENT 1: Coastal Zone Management Improved/Water Resource Management Capacity Improved		
COMP 1 / Task 1.1: Identify and prioritize districts and coastal communities for participation and activities for implementation		
▲ COMP 1 / Task 1.1: <u>Activity 1</u>: Identify three priority C-CAP districts per year 2 country	DEC 2013	12
C-CAP will identify priority districts in the following Year Two countries: Kiribati, Nauru, Tuvalu and Solomon Islands. C-CAP will complete assignments to each Year Two country in October and November, 2013 to begin consultations on district and community selection with government counterparts and other stakeholders. District selection in Year One countries for Year Two implementation is being led by each country's respective CM, in consultation with government counterparts and other stakeholders.		
▲ COMP 1 / Task 1.1: <u>Activity 2</u>: Rank five priority communities in each selected district for USAID approval	DEC 2013	46
C-CAP will prepare and submit to USAID a list of five priority communities for PNG, Fiji, Samoa, Tonga, Vanuatu, Kiribati, Tuvalu, and Solomon Islands; and 6 priority communities from Nauru (46 total communities across the nine countries). Communities will be prioritized through a consultative process with relevant government entities across C-CAP's nine countries targeted for climate change adaptation infrastructure. This will bring the total number of C-CAP communities to 75.		

<p>▲ COMP1 /Task 1.1: <u>Activity 3: Investigate possibility of office-share with district/provincial government</u></p>	<p>MAR 2014</p>	<p>1</p>
<p>The CMs in PNG and Fiji are based in C-CAP's office space in those locations, while the CMs in Samoa, Tonga and Vanuatu are housed at USP's satellite locations. Incoming CM (Year 2) in Nauru, Tuvalu and the Solomon Islands will also be housed at USP campuses. The USP campus in Kiribati is being rebuilt and may have space shortages; therefore, the C-CAP Team is exploring the potential to base CMs with the Kiribati Ministry of Environment Lands, Agriculture and Development.</p>		
<p>COMP 1 / Task 1.2: Develop a network of Social Mobilizers from participating districts/communities</p>		
<p>▲ A. COMP 1 / Task 1.2: <u>Activity 1: Identify Social Mobilizer in selected communities</u></p>	<p>MAR 2014</p>	<p>71</p>
<p>C-CAP will submit to USAID an updated list of Social Mobilizers (SMs) from the 71 active C-CAP communities (Year One and new Year Two communities). New community Councilors were selected through the August 2013 PNG local elections in all five Year One communities. Given the dynamic of village hierarchy in PNG, C-CAP has identified that Councilors are the most appropriate SMs. Therefore, as deemed appropriate by the C-CAP Community Committee in each C-CAP Year One community, C-CAP will approach the newly elected Councilors regarding the role and as appropriate update the listing with new designated SMs or an alternative candidate from the CCC, to USAID as part of this deliverable.</p>		
<p>▲ COMP 1 / Task 1.2: <u>Activity 2: Facilitate Training of Trainers (ToT) for Country Mobilizers</u></p>	<p>MAR 2014</p>	<p>1 Training (9 CMs trained)</p>
<p>Training of Trainers (ToT) for CMs will equip CMs with the technical and management knowledge and skills to perform country level activities with remote support from the C-CAP Team. Training will consist of risk mapping, infrastructure prioritization, disaster risk reduction programming and land use planning.</p>		
<p>▲ COMP 1 / Task 1.2: <u>Activity 3: Facilitate group training and action planning seminar for Social Mobilizers and extension agents</u></p>	<p>MAR 2014</p>	<p>Up to 9 SMs trained</p>
<p>CMs will replicate the training above (Task 1.2; Activity 2) in their respective countries with the following trainees: SMs from each C-CAP community and government counterparts from relevant ministries with mandate to assist communities with adaptation planning and implementation.</p>		

Training to be implemented with support from the C-CAP Team (regional travel and/or STTA) prior to risk mapping activities (Task 2.1; Activity 2) in C-CAP Year Two communities.		
COMP 1 / Task 1.3: Develop and apply criteria to identify and prioritize community-specific social and economic infrastructure activities		
▲ COMP 1 / Task 1.3: <u>Activity 1</u>: Establish Community Committees to govern activities and community decision making	MAR 2014	49
The CM and SMs will identify whether existing community development committees are in place, or will collaborate with village leaders to identify a new C-CAP Community Committee. C-CAP will ensure that all existing community development committees and/or new committees are inclusive of women, youth and advocates for people with disabilities. Committees will be the primary conduit for C-CAP activities and decision-making relative to Components 2 and 3.		
▲ COMP 1 / Task 1.3: <u>Activity 2</u>: Conduct community outreach to set expectations	MAR 2014	On going
C-CAP will complete a presentation on USAID and the C-CAP program and components as a segment of the C-CAP risk mapping exercise (Task 2.1; Activity 2) in each community. CMs and SMs will complement this session with ongoing outreach and support to communities.		
▲ COMP 1 / Task 1.3: <u>Activity 3</u>: Implement the Infrastructure Prioritization Index (IPI) in C-CAP communities	JUN 2014	49
C-CAP implemented the IPI activity in 22 Year One communities. CMs, with support from the C-CAP Team, will conduct IPIs in additional 53 communities—five (5) each in PNG, Fiji, Samoa, Tonga, Kiribati, Tuvalu and Solomon Islands; eight (8) in Vanuatu; and six (6) in Nauru—in Year Two.		
▲ COMP 1 / Task 1.3: <u>Activity 4</u>: Establish formal Community Agreements with C-CAP communities	SEP 2014	71
Community Agreements formalize community participation and/or support of the community's prioritized infrastructure activity, and include detailed plans on the infrastructure activity. Agreements have been completed in five current C-CAP communities and will be completed in the remaining 66 Year One and Year Two communities. CMs will facilitate development of Agreements in all new C-CAP communities.		

COMP 1 / Task 1.4: Develop specifications, advertise, negotiate, and award and monitor subcontracts for infrastructure rehabilitation, repair or upgrading and new construction activities.		
▲ COMP 1 / Task 1.4: <u>Activity 1</u>: Develop infrastructure plans, specs for approved projects (includes deliverables: activity specific Quality Assurance Plans and Environmentally Sound Design Manual)	MARCH 2014 (Q2)	15
	SEP 2014 (Q4)	30
Infrastructure plans are completed for five (5) activities/communities. The C-CAP Team will complete 15 additional infrastructure plans in remaining Year One communities in Q1 and Q2 of 2014; and will complete an additional 30 plans for Year One and Year Two communities in Q3 and Q4. C-CAP will facilitate a participatory environmental screening activity for all physical and natural infrastructures with C-CAP Community Committees to transfer knowledge, and will complete Environmental Screening Reports and Environmental Mitigation and Monitoring Programs for all activities.		
▲ COMP 1 / Task 1.4: <u>Activity 2</u>: Hold a pre-tender subcontractor information session for local small construction companies	JUN 2014 /SEP 2014	3 6
C-CAP, with assistance from subcontractor NRW Macallan, will identify construction companies in each of the C-CAP countries and regions with capacity in C-CAP infrastructure activity areas. Pre-tender meetings will be conducted by CMs. In other cases, a public tender process will be carried out informing all potential construction firms, and in some cases local and international NGO's who may have the capacity to carry out the work, of the opportunity.		
▲ COMP 1 / Task 1.4: <u>Activity 3</u>: Conduct tender process for fast-track infrastructure activities	SEP 2014	25
	MAR 2015 (YEAR 3)	25
Design, construction and oversight of each prioritized infrastructure activity will be completed in a phased approach, with timing dependent on the permitting required in each country of operation.		

▲ COMP 1 / Task 1.4: <u>Activity 4</u>: Complete 50 infrastructure activities	SEP 2014	25
	MAR 2015 (YEAR 3)	25
Infrastructure activities will be completed in a phased approach depending on the selected infrastructure and grouping of sites by location to promote efficiencies. Construction activities are underway in PNG and Samoa with next activities in Fiji, Tonga and Vanuatu. Year 2 construction schedule remains variable; however, initial contacts indicate the Solomon Islands and Nauru will likely experience first Year 2 construction starts.		
COMP 1 / Task 1.5: Conduct activity management		
▲ COMP 1 / Task 1.5: <u>Activity 1</u>: Provide technical oversight and QA/QC for infrastructure projects	See Activity 1.4.4	
C-CAP—with support from subcontractor NRW Macallan—will complete comprehensive checklists for quality assurance/quality control for each infrastructure activity and implement oversight as outlined in the checklist. Oversight visits will be scheduled in a phased approach to match the implementation schedule of the infrastructure activities. CMs, in close collaboration with the Infrastructure Specialist, will report monthly on the progress of each infrastructure project. These reports will be housed in the TAMIS database for each community.		
▲ COMP 1 / Task 1.5: Activity 2: “Self-perform” on construction where local firm capacity is weak	As needed	
This activity will only be activated if the local construction firm/organization is unable or unavailable to carry out their obligations at the time required. In such events, the C-CAP Team will play a greater role in procuring construction services—including community labor, as appropriate—through Purchase Orders. C-CAP will play a greater role in managing and supervising such activities, in collaboration with NRW Macallan, through a work order as needed.		
▲ COMP 1 / Task 1.5: Activity 3: Conduct O&M training	As needed	
Construction implementers will develop training manuals on operation and maintenance of infrastructure activities. Community Committees will participate in the oversight of all infrastructure operation and maintenance activities and develop strong linkages with local government structures with available resources to assist with their continued maintenance. This training is typically built into the activity budget for construction activities with anticipated requirements for regular/ongoing maintenance. These training programs will be monitored and facilitated by CMs.		

COMPONENT 2: Disaster Management Strengthened		
COMP 2 / Task 2.1: Risk identification – develop or update locally tailored assessments to improve understanding of current and future risks		
▲ COMP 2 / Task 2.1: <u>Activity 1</u>: Conduct gap analysis of existing vulnerability assessments	MAR 2014	22 Year 1 49 Year 2
The C-CAP Team will complete gap analyses for each Year Two C-CAP community during risk mapping exercises (Activity 2.1.2): Year 2 sites include: Tonga (5), PNG (5), Fiji (5), Samoa (5), Vanuatu (8), Solomon Islands (5), Nauru (6), Tuvalu (5), and Kiribati (5)		
▲ COMP 2 / Task 2.1: <u>Activity 2</u>: Lead participatory risk mapping exercise across priority C-CAP communities	MAR 2014	55
C-CAP will facilitate participatory risk and infrastructure assessments and mapping to catalogue observed climate change impacts and map social, economic, water and coastal infrastructure in each Year Two community.		
▲ COMP 2 / Task 2.1: <u>Activity 3</u>: Update community hazard, risk, and/or vulnerability maps	MAR 2014	20
Updates will be carried out by the CMs in the first four (4) countries PNG, Fiji, Samoa and Tonga. Maps developed in Activity 2 will be updated and shared with communities to be used in on-going disaster risk reduction (DRR) and land use planning efforts. C-CAP will place greater emphasis on promoting community ownership of the mapping tools to promote broad-based community planning (climate change, DRR and disaster management, land use) by providing communities with working and updated copies of the maps. Where possible, C-CAP will seek opportunities to create greater access to electronic mapping products.		
COMP 2 / Task 2.2: Options identification- identify gaps and opportunities to reduce vulnerability and risk over both short and long time scales		
▲ COMP 2 / Task 2.2: <u>Activity 1</u>: Identify risk reduction options through collaborative process	JUN 2014	71
Disaster risk vulnerabilities and risk reduction options comprise a subset of vulnerabilities derived from the Risk Assessment and mitigation options identified in the Infrastructure Prioritization Index process. These options will be considered for future DRR planning to be ultimately incorporated in a land use plan for each community.		

▲ COMP 2 / Task 2.2: <u>Activity 2</u>: (Conduct V&A Assessments?) and Create C-CAP Prioritization Index for risk reduction measures	MAR 2014 /JUN 2014	20 51
<p>C-CAP will facilitate full vulnerability and adaptation assessments (V&As), using C-CAP Partner USP's regionally-recognized methodology, in communities where a V&A has not yet been completed. As appropriate, V&As are being programmed in conjunction with community risk mapping exercises between March and June of 2014. A follow on chart (C-CAP Prioritization Index for risk reduction measures) from the IPI process will look more closely at risk reduction measures for each community. This chart will be the basis for developing a DRR plan in each community.</p>		
COMP 2 / Task 2.3: Risk reduction: support for implementation of risk reducing adaptation activities at community level		
▲ COMP 2 / Task 2.3: <u>Activity 1</u>: Gather baseline socioeconomic data in advance of activity implementation	JUN 2014	55
<p>Baseline and socioeconomic data to be collected on the same schedule as the risk mapping exercises (Activity 2.1.2).</p>		
▲ COMP 2 / Task 2.3: <u>Activity 2</u>: Support implementation of prioritized risk reduction and prevention activities	MAR 2014 /JUN 2014	15
<p>As a follow-on to the risk assessments in Activity 2.2.1 above, communities will work with CMs to develop a series of specific actions to be put in place to address identified risks. The activities will be incorporated into community DRR and disaster management plans. Plans will be completed for an initial 15 communities in a phased approach from March through June 2014. C-CAP will ensure all activities are gender, youth and disability inclusive.</p>		
▲ COMP 2 / Task 2.3: <u>Activity 3</u>: With government counterparts, explore methods to communicate disaster related information and the use of other DRR tools and strategies like SMS message transmission.	SEP 2014	9
<p>C-CAP will complete a report that documents disaster warning communication practices and analysis for each country and, as appropriate, recommendations for alternative communication vehicles with the potential to increase efficiency and reliability of message transmissions.</p>		

COMPONENT 3: Resilience in Communities Strengthened – Climate Resilient land Use Planning and Building Standards		
COMP 3 /Task 3.1: Develop plan of action to integrate climate adaptation into land-use planning and building standards		
▲ COMP 3 / Task 3.1: <u>Activity 1</u>: Conduct Preliminary Analysis of Existing Policies on Land Use and Building Codes		
<p>C-CAP will complete a report and analysis of:</p> <ul style="list-style-type: none"> • Existing policies on land use and building codes for each C-CAP ‘infrastructure’ country which will address: <ul style="list-style-type: none"> ○ Status of existing building codes relative to community infrastructure; ○ Level of enforcement; ○ Cost of compliance; • Opportunities for meeting compliance at the community level Land use policies and practices in each C-CAP community. 	JUN 2014	1
▲ COMP 3 / Task 3.1: <u>Activity 2</u>: Generate Action Plan based on C-CAP Prioritization Index	Land use plans SEP 2014 –	15
A complementary activity to Activity 3.1.1, the C-CAP team will work with each community and appropriate government counterparts to apply the spatial representation of climate change risks to existing and planned land use. An accompanying action plan for community land use and disaster risk planning will describe the activities that each community will undertake to address potential risks and respond to climate forecasts.		

Year 2 Key Deliverables by Quarter including activity numbers

Country / Key Deliverable	Quarter 1 (Oct - Dec. 2013)		Quarter 2 (Jan - Mar 2014)		Quarter 3 (Apr - Jun 2014)		Quarter4 (Jul - Sep 2014)
	Advertise CMs [NOV13], Hire [JAN14] Identify districts/com munities [DEC13] (1.1.A, 1.1.B)	Identify SMS [DEC13], Train [MAR14]	Train CMs/Risk Mapping/Soci al Mobilizers ID [Mar14] (1.2.A, 1.2.B, 2.1.A, 2.1.B, 2.1.C)	Climate Smart DRR/Land Use Maps [MAR-JUN14] (2.2, 3.2)	IPIs and Baselines + V&As [JUN14] (2.3, 3.1)	Infrastructure Plan/MOU/QA plans [JUN-SEP14] (1.3.B, 1.4.A, 1.4.B)	Tendered and Completed infrastructure [SEP14-MAR15] (1.4.D, 1.4.E, 1.5)
PNG	(1)*	5 (5)	5 (5)	5	5 (5)	9 (1)	9 (1 in tendering)
Fiji	(1)	5 (5)	5 (5)	5	5 (5)	10	10
Samoa	(1)	5 (5)	5 (5)	5	5 (5)	6 (4)	6 (4 tendered)
Tonga	(1)	5 (5)	5 (5)		5 (5)	10	10
Vanuatu	(1)	10	8 (2)		8 (2)	5	5
Kiribati	1	5	5		5	5	5
Nauru	1	6	6		6		
Tuvalu	1	5	5		5		
Solomon Islands	1	5	5		5		
Total	9 (4)	71 (20)	71 (17)	15	71 (17)	50 (5)	50 (5)

*Numbers in parentheses are already completed