



**Samoa – Australia Partnership for Development  
Programme: NAPA 4**

**PROGRESS REPORT  
July 2011 – June 2012**

## **Background**

The main goal of the Samoa – Australia Partnership for Development Project is ***“to safeguard human development in Samoa from risks associated with climate change on planning, water resources, fire prevention and tourism sectors while simultaneously reducing green house emissions across these sectors”***

The objectives are:

- To increase the resilience and adaptive capacity of Samoa’s meteorological, planning, water, fire and tourism sectors with ongoing sustainable sources of funding.
- To reduce the nation’s green house emissions through mitigation technologies within the agro-forestry sector.

The Tourism Component which is the Outcome 5 of the Samoa-Australia Partnership for Development Project aims to ***”increase the resilience and adaptive capacity of the tourism sector in Samoa, by reducing current and future climate – related risks to the sector and its related economic, social and environmental systems”***.

The Tourism Component is executed by the Samoa Tourism Authority (STA) in close collaboration with the Ministry of Natural Resources & Environment which is the lead implementing agency and the Ministry of Finance. Tourism is the ninth priority sector identified under the National Adaptation Programme of Action (NAPA) and now concurrently implemented under this AusAid funding (NAPA 4) and the progressing funding proposal preparation to the Global Environment Facility (GEF) under the Least Development Country Fund (NAPA 5).

This report will cover the full 12 months from July 2011 to June 2012 as this is in line with the end of the previous financial year’s activities. The new funding allocation will be used to fund the newly proposed activities for the progressing financial year commencing July 2012 to June 2013 in line with the timing of the new funding injection and financial acquittal from the Ministry of Finance.

## **Financial Allocation**

Under the AusAid funding assistance, the first financial year, 2010 – 2011 received a budget allocation of SAT\$387,918.29 followed by another injection of SAT\$420,296.99 for the progressing period, 2011 – 2012 adding the total disbursement for the Tourism Component to SAT\$808, 215.28. The total amount disbursed is SAT\$519,479.23 with a remaining budget of SAT\$299,221.75 as at July 17<sup>th</sup>, 2012 as per advice from the Ministry of Finance.

## **Key Achievements**

The Tourism component with the assistance of the AusAid funding and the local STA Budget contributed to the achievement of the following activities since the project has started:

### ***Key outputs***

- ***Development of the National Tourism Climate Change Adaptation Strategy for Samoa, NTCCASS 2012 – 2017:***

The NTCCASS document is a planning tool which will greatly assist the Tourism sector as it tries to capture information on the risks and vulnerabilities that are already threatening the tourism sector from the impacts of climate change.

As outlined in this document, approximately 80 – 90% of the tourism product including all its accommodations and attraction sites are located within the Coastal Erosion Hazard Zone (CEHZ) and the Coastal Flooding Hazard Zone (CFHZ). Hence, this major task has been critical in laying the ground work through the undertaking of thorough assessments for all the identified vulnerable tourism properties to ensure their issues and concerns are documented as well as the most viable options available. As there is only limited funding available, the Implementation Work Plan has also outlined various sources of funding that this project and others will try to engage to assist with implementation of the activities outlined under the NTCCASS.

The following deliverables were achieved during the formulation of this major task:

- Completion of the Final National Tourism Climate Change Adaptation Strategy for Samoa, (NTCCASS 2012 – 2017). The period for the document was also revised and approved by the Tourism Climate Change Taskforce from 2011 – 2016 to the current period, 2012 – 2017 for accuracy.
- Translation into Samoan of the NTCCASS 2012 – 2017 document.
- Printing of 300 copies of the NTCCASS Document
- Official launch of the NTCCASS.
- Completion of the Mainstreaming Report incorporating climate change impacts into all key Tourism policies.
- Completion of Site Inspection Report.
- Completion of the Communications & Training Strategy.

- ***Awareness Programmes***

A substantial amount is allocated for awareness raising as this was one of the critical areas that was identified during the consultations and site visits for the formulation of the NTCCASS. There is not much awareness at the operator level on climate change and its main key issues. Moreover, there is little understanding of the difference between the slow and creeping threats from climate change as opposed to the one – off disastrous events which are still interlinked and can both have detrimental impacts on the development of their tourism businesses. Hence, the production of the following outputs:

- Production of a Tourism Climate Change Adaptation DVD targeting the accommodation sector on energy and water conservation. This DVD provides very helpful tips to the workers and staff of the tourism operations in their daily chores particularly the cleaners, receptionist, office assistants and all employees in general. This DVD will be copied and distributed to the tourism stakeholders particularly the accommodation sub – sector including the hoteliers and beach fale owners.
- Production of TV Commercial on tourism business planning for new potential developments taking into account the impacts of climate change. As interest grows from the business community towards the tourism industry, this type of awareness is very crucial at this stage to highlight the climate change elements to incorporate in the planning and inception phases of any new business development.

This TV Commercial has been aired from time to time on TV1 & TV3 as well as on Kingdom TV.

- ***Establishment of a Tourism Climate Change Resource Center.***

The Tourism Climate Change Resource Center has been officially launched together with the NTCCASS and is now open for the tourism industry for information sourcing relating to climate change. The project has been able to gather posters and other information from the SPREP library, Conservation International and monthly updates from the Climate section of the Meteorology Division of MNRE. Tourism related information is also made available at the Resource Center. The following activities have been completed for the Tourism Climate Change Resource Center:

- Remodelling existing STA reception area to accommodate for the Tourism Climate Change Resource Center.
  - Procurement of resources for Resource Center.

- 3 filing tambours (1 x 6 tiers plus 2 x 4 tiers)

- 2 filing cabinets
  - Lounge set, White board, screen & projector
- ***Establishment of a Tourism Climate Change Unit***
  - Recruitment of a Tourism Climate Change Coordinator
  - Procurement of Tourism Climate Change Project Vehicle
  - Procurement of Office Equipment:
    - Lockable drawers & laptops for Coordinator & Resource Center
- ***Tourism Climate Change Taskforce formulation.***
  - The Tourism Climate Change Taskforce since its formulation has been very active in its role to guide and advise the implementation of activities for the Project. For the period reported, January to June 2012, the Taskforce has held meetings at every step of NTCCASS final processes:
    - February 7<sup>th</sup>, 2012 meeting to decide on Panel for reviewing the applications for the Samoan translation of the document.
    - July 11<sup>th</sup>, 2012 meeting to finalise the NTCCASS. Comments raised by the Taskforce to be incorporated before printing.
    - July 25<sup>th</sup>, 2012 meeting to discuss on NAPA 5 consultations and introduce the next phase of the project under UNDP/LDCF GEF.

## **Progress**

This second year has witnessed progress in terms of implementation of the Tourism Component's stipulated activities.

The first main key task for this component has been instrumental in laying the groundwork and gathering the baseline information required for the preceding activities and tasks for the Tourism Component. More specifically the formulation of the NTCCASS required an initial site inspection report from the consultancy team which highlighted the existing threats and vulnerabilities faced by the tourism businesses which were documented in the Site Inspection Report. This information proved very helpful in setting the priority areas that the project will focus on. The identified Implementation Work Plan in the NTCCASS document itself has listed the tasks and activities to be implemented under this Partnership as well as following project from the GEF/LDCF NAPA 5 for Tourism.

Some of the activities that were already planned as well were again revisited following this Site Inspection Report and the actual NTCCASS document itself to prioritise and focus on the most critical areas.

### **Issues and Challenges**

#### **a) Governance**

The issues that we find challenging with the governance aspect is that there has not been enough meetings for the project for this whole six months for monthly updates and reporting. One meeting was held at the Australian High Commission organised by the AusAid Programme Manager for Climate Change in May 2012.

#### **b) Finances**

Funding was received in April 2012 and there were internal processes at the Ministry of Finance which further added to the delay in payment processes such as the delayed payment of our final consultancy fees and reimbursable payments for KVA Consult & PECL in early June 2012. The completion of our Strategy had been given the first priority when the new funding was received and now this has been completed, all other activities will now be looked at systematically.

#### **c) Sustainability**

There haven't been any issues with sustainability yet as we have just begun our project, yet, there is already support from the tourism industry and the Samoa Tourism Authority given the importance of climate change to the sector. The Samoa Tourism Authority has readily given support through urgent activities requiring the support staff to assist the project coordinator particularly during field visits.

The NAPA 5 priority for Tourism through the LDCF/GEF funding of USD\$2million which is currently undergoing proposal formulation will also add to the current project under this partnership focussing on "increasing the resilience of communities reliant on tourism sector to climate change and disaster risks". This is channelled through UNDP as the agency of GEF and executed jointly by the Samoa Tourism Authority and MNRE which will contribute to additional resources for the implementation of some of the activities of the NTCCASS.

#### **d) Gender Equality**

The majority of the tourism operations are represented by females more than males during site visits, however with the community owned tourism operations, the men are mainly the village representatives present during consultations which results in equal representation of both genders.

## **Risk Management**

This is a Risk Management Framework extracted from the NTCCASS document on the risks and climatic threats that are experienced by the Tourism sector which includes not just the physical risks but the risks of the impacts of climate change on the environment, infrastructure and the social and economic systems. Also attached are some of the options identified together by the consultants and the project team for management of risks identified for the sector.

Climatic Threats	Environmental Risks	Infrastructure Risks on Tourism Operations	Socio – economic risks	Management Options	
				Soft Interventions	Hard Interventions
<b>Sea Level Rise</b>	<ul style="list-style-type: none"> <li>• Coastal erosion</li> <li>• Inundation</li> <li>• Exacerbates storm surge</li> <li>• Increased strong wave action</li> </ul>	<ul style="list-style-type: none"> <li>• Risk to beach fales foundations</li> <li>• Loss of attractive beaches</li> <li>• Physical damage to infrastructure – power, roads, water supply</li> </ul>	<ul style="list-style-type: none"> <li>• Reduced visitor numbers, length of stay and spending</li> <li>• Income loss in beach accommodation and catering</li> <li>• Income in recreational services (tours, diving, snorkelling, kayaking)</li> <li>• Loss of local jobs</li> <li>• Income loss in local supply of produce, goods and services (food, handicrafts, cultural performance, transportation, etc)</li> <li>• Knock off effects in urban accommodation facilities and related activities/ services</li> </ul>	<ul style="list-style-type: none"> <li>• Re-vegetation to stabilise coastline</li> <li>• Government and villages to ban and/or control sand mining operations affecting coastal areas</li> <li>• Establish new and support existing Marine Protected Areas (MPAs)</li> <li>• Encourage/Enforce village ban on sand mining and unsustainable fishing practices</li> <li>• Increased awareness for both private and public partners on impacts of climate change</li> </ul>	<ul style="list-style-type: none"> <li>• Construct relevant coastal protection measures following proper expert assessments e.g. sea walls or groynes, where necessary</li> <li>• Relocate buildings or other structures so they are set back from the coastal hazard zones</li> </ul>
<b>Increased average temperatures</b>	<ul style="list-style-type: none"> <li>• More hot days</li> <li>• Drought like conditions</li> <li>• Impacts on food &amp; water</li> </ul>	<ul style="list-style-type: none"> <li>• Degradation of major tourist attractions – coral reefs, waterfalls, biodiversity</li> <li>• Insecurity of water and</li> </ul>		<ul style="list-style-type: none"> <li>• Capacity building and awareness raising programmes on climate change impacts and the importance of conservation of food, water</li> </ul>	<ul style="list-style-type: none"> <li>• Climate-proofing of tourist facilities</li> <li>• Adjusting seasonal tourism operation and recreational activities management</li> </ul>

	resources <ul style="list-style-type: none"> <li>• Warming of the ocean</li> <li>• Coral Bleaching</li> <li>• Biodiversity loss</li> </ul>	food supplies <ul style="list-style-type: none"> <li>• Increased use of power for air-conditioning</li> </ul>		and environment <ul style="list-style-type: none"> <li>• Encourage re-vegetation.</li> <li>• Reduce unsustainable human induced practices eg. sand mining</li> </ul>	<ul style="list-style-type: none"> <li>• Tourism operations to monitor their energy and water usage and impose extra charges on excess use of these resources</li> </ul>
<b>Increased extreme weather events</b>	<ul style="list-style-type: none"> <li>• Flooding</li> <li>• Drought</li> <li>• Cyclones</li> <li>• High winds</li> <li>• Storm surges</li> </ul>	<ul style="list-style-type: none"> <li>• Damage to accommodation/infrast ructure – access roads/power supply</li> <li>• Perceived high risk/negative publicity</li> <li>• Reduced reliability on food and water supplies</li> <li>• Increased health risks from water borne diseases</li> <li>• Forest fire hazard</li> <li>• Reduced safety and comfort of visitors and local residents</li> <li>• Diminished scenic value of coastal and marine areas</li> </ul>		<ul style="list-style-type: none"> <li>• Carry out awareness raising programmes on importance of maintaining drainages</li> <li>• Government and villages to monitor illegal dumping of waste in our drainage systems</li> <li>• Encourage/Enforce village bans on clearing of forests in water catchment areas</li> <li>• Encourage sustainable land use practices</li> <li>• Encourage replanting of coastal species as shelter from cyclones and storm surges</li> <li>• Review and improve EWS to include as many tourism operations as possible</li> <li>• Incorporate fire control or management plans in tourism site management plans for businesses on western side of Savaii</li> <li>• Provide training for villagers in fire fighting techniques</li> <li>• Develop green belts</li> <li>• Re-vegetation</li> </ul>	<ul style="list-style-type: none"> <li>• Improve and maintain culverts and drainage ditches to reduce flooding</li> <li>• Improve inland river crossings</li> <li>• Build house foundations at a level that takes into account flooding hazards at the sites</li> <li>• Construct proper coastal protection measures following expert assessment</li> <li>• Relocate buildings or other structures outside or set back from coastal hazard zones when buildings require replacement</li> <li>• Design buildings to withstand high intensity winds and use more durable building materials</li> <li>• Ensure all tourism properties implement water harvesting to be self sufficient</li> <li>• Provide fire-fighting equipment for village and community use</li> <li>• Underground investigation of</li> </ul>



					ground water extraction
<b>Ocean acidification</b>	<ul style="list-style-type: none"> <li>• Impacts on Marine biodiversity</li> <li>• Impacts on coral reefs and fish resources</li> <li>• Spread of invasive species</li> </ul>	<ul style="list-style-type: none"> <li>• Degradation of major tourist attractions – coral reefs</li> <li>• Degradation of marine ecosystems and decline in fish resources as a food source</li> </ul>		<ul style="list-style-type: none"> <li>• Training and awareness programmes on highlighting the links between sustainable land use and healthy marine environments at the community and village level</li> <li>• Training and awareness of the importance of marine protection at the community and village level</li> <li>• Strengthen village bans on unsustainable fishing practices contributing to marine degradation</li> </ul>	<ul style="list-style-type: none"> <li>• Coral replanting and conservation areas prioritized in secure locations</li> </ul>

**Work Plan** (July – December 2012)

*Output 5.1 – National Tourism Climate Change Adaptation Strategy for Samoa, 2012 – 2017*

1. *Implementation of the Strategy for the first year of the Implementation Work Plan*

*Output 5.2 – Education, Training & Awareness*

2. *Training needs identified under the NTCCASS to be prioritised*
3. *Awareness Programs – Ongoing awareness programs for tourism sector based on priorities in the NTCCASS*

*Output 5.3 – Environmental standards for tourism services and properties developed*

4. *Research conducted for environmental standards for tourism services*

*Output 5.4 – Information system for tourism resource management – data collection, storage and analysis*

5. *Continue to collect updated information on tourism services and climate related information for the Tourism Climate Change Resource Center*

*Output 5.5 – Monitoring and Evaluation*

6. *Periodic Inspections to the tourism development areas on progress of their monitoring work done on the impacts of climate change and threats to their business operations.*

*Output 5.6 – Project Administration*

7. *Project Management*

**Report Submitted by** – Amiaifolau Afamasaga – Luatua

*Tourism Climate Change Project Coordinator*

## **Annex 1**

- Financial Report/Acquittal (extracted from MOF- Aid Division's Updated Ledger)*

1-Mar-10	<b>AUSAID</b>	<b>STA</b>	
19-Jan-11	STA	reimbursement for payment of adverts for Tourism Climate Change Coordinator in Jan 2011 (x5days)	1,659.45
31-Jan-11	Newsline	1/4 page adverts for Tourism CC Coordinator on 19/21/23/26/28/30 Jan 2011	1,440.00
22-Mar-11	Samoa Observer	advert for consultancy services for Tourism CC Adaptation Strategy on 20/23/25/27 Mar 2011 inv#24603	1,106.30
24-Mar-11	TV3	360 tv advert spots for tourism business planning taking into account climate change aspects (Mar-Apr 2011) inv#13000	10,350.00
24-Mar-11	Wendy's Takeaway	catering of lunch for Tourism CC Taskforce Meeting on 24 Mar 2011	220.00
28-Mar-11	MCIT	special radio advert for Tourism Operators to take into account impacts on climate change inv#ICT001394	1,500.00
28-Mar-11	Samoa Observer	advert for consultant expressions of interest on 30 Mar - 4 Apr 2011 inv#24822	829.72
4-Apr-11	Newsline	advert for consultant expressions of interest on 23 Mar - 3 Apr 2011 inv#971813	1,200.00
4-Apr-11	Woman's Time	advert for consultant expressions of interest on 26 Mar & 2 Apr 2011 inv#961273	644.00
14-Apr-11	Samoa Stationery & Books	office equipment for Tourism PMU [1 x filing tambour (6 tier) / 2 x filing tambour (4 tier)] inv#000100	7,499.00
21-Apr-11	Business System	Office equipment	4,562.00
26-Apr-11	CompTech	Sony Vaio laptops (x2) for Tourism CC Coordinator & Tourism CC Resources Centre inv#2401	9,980.00
27-Apr-11	Cubical Productions	production of TV adverts for tourism business planning taking into account climate change aspects inv#2010-11SAM35	5,750.00
4-May-11	TGI Design & Build	full payment for building Tourism CC Resource Centre	25,700.00
17-May-11	ASCO Motors	project vehicle Toyota Hilux 4WD Double Cab inv#A05576	102,500.00
19-May-11	Bluebird Lumber	building materials for benches & shelves for Tourism CC Resource Centre inv#0010510016	1,382.00
23-May-11	One Look Communications	production of training DVD for Tourism Employers & Employees on Impact of climate change inv#017-OLC	4,000.00
23-May-11	Orator Hotel	catering of lunch for Tender Assessment Panel for Tourism CC Adaptation Strategy on 20 May 2011 inv#000983	90.00
29-May-11	Amiaifolau Afamasaga	Salary	19,406.15
7-Jun-11	STA	reimbursement for funds used for building materials for Tourism CC Resource Centre (receipted Bluebird Lumber)	214.55
10-Jun-11	Moatoga Upholstery	car seat cover upholstery for Tourism CC Project Vehicle STA07 inv#971512	400.00
12-Jun-11	Amiaifolau Afamasaga	Salary	2,853.85
13-Jun-11	Samoa Stationery & Books	lounge set & coffee table for Tourism CC Resource Centre inv#6859	5,599.00

21-Jun-11	STA	reimbursement for funds used for purchasing Canon Digital Camera for Tourism CC Project (receipted Digitronics-Singapore) SGD\$696.00	1,320.43
28-Jun-11	Amiaifolau Afamasaga	Salary	2,853.85
28-Jun-11	Samoa Stationery & Books	A4 lever arch file for Tourism CC Project inv#45758	480.00
<b>30-Jun-11</b>	<b>TV1</b>	reversal from 0289 - 100 TV spots for STA Tourism CC advert for Mar - May 2011 inv#7190	5,750.00
12-Jul-11	Amiaifolau Afamasaga	Salary	2,853.85
25-Jul-11	Amiaifolau Afamasaga	Salary	2,853.85
29-Jul-11	KVA Consult Ltd	1st payment for 10% consultancy fees for PECL/KVA for developing strategy for Tourism Adaptation and conduct NTCCASS inv# 085119	17,480.00
4-Aug-11	Le Rosalote Guest Fales	payment for accommodation for 3 officers on 25th July 2011 inv#11324	414.00
9-Aug-11	Amiaifolau Afamasaga	Salary	2,853.85
10-Aug-11	Jetover Motel	payment for accommodation and meals for 3 officers for one night on 28/7/11 inv# 4695-1 & 4696-1	489.00
18-Aug-11	Vaisala Hotel	payment for accommodation on 27th July inv#2113	418.60
23-Aug-11	Amiaifolau Afamasaga	Salary	2,853.85
27-Aug-11	Maxkar Ltd	office equipment for Tourism PMU [photocopier/printer/whiteboard/projector & screen/laminator]	27,828.20
2-Sep-11	STA	reimbursement of money spent on meals and water & other expenses for National Tourism CC on 13-19 July 2011	1,602.07
6-Sep-11	Amiaifolau Afamasaga	Salary	2,853.85
19-Sep-11	Amiaifolau Afamasaga	Salary	2,853.85
3-Oct-11	Amiaifolau Afamasaga	Salary	2,853.85
7-Oct-11	KVA Consultant	Being payment of 30% for developing the NTCCAS for Samoa - draft submitted inv# 085127	52,440.00
17-Oct-11	Amiaifolau Afamasaga	Salary	2,853.85
24-Oct-11	SSC	tickets for 2 officers and vehicle for Savaii consultation for draft strategy NTCCAS on 7/10/2011 inv#16194	238.00
28-Oct-11	Inalani's Catering	Lunch supply for NTCCASS draft consultation for Upolu on 05/10/2011 inv# 33789	1,437.50
1-Nov-11	Amiaifolau Afamasaga	Salary	2,853.85
10-Nov-11	Savaiian Hotel	Hire of venue and foods supply for consultation of draft National Tourism Climate Change Adaption strategy on 12/10/2011 inv#12100111	1,150.00
10-Nov-11	Rees Hirage	hirage of PA system and 10 tables for Upolu consultation on draft tourism climate change adaption strategy for Samoa on 5/10/2011 inv# 6021	450.00
14-Nov-11	Amiaifolau Afamasaga	Salary	2,853.85
28-Nov-11	Amiaifolau Afamasaga	Salary	2,853.85
12-Dec-11	Amiaifolau Afamasaga	Salary	2,853.85

16-Dec-11	KVA Consultant	consultancy fees for developing strategy for Tourism Adaptation inv#085124	17,480.00
20-Dec-11	Amiaifolau Afamasaga	Salary	2,853.85
9-Jan-12	Amiaifolau Afamasaga	Salary	2,853.85
23-Jan-12	Amiaifolau Afamasaga	Salary	2,853.85
27-Jan-12	KVA Consultant	30% payment for developing NTCCAS for Tourism sector inv#085130	52,440.00
1-Feb-12	Amiaifolau Afamasaga	Salary	2,853.85
7-Feb-12	MOF	petrol and diesel for Nov 2011 inv#I00007615	150.96
13-Feb-12	KVA Consultant	fourth payment for 10% consultancy fees for submission of the final of the NTCCASS	17,480.00
16-Feb-12	Amiaifolau Afamasaga	Salary	2,853.85
6-Mar-12	Amiaifolau Afamasaga	Salary	2,853.85
20-Mar-12	Amiaifolau Afamasaga	Salary	2,853.85
3-Apr-12	Amiaifolau Afamasaga	Salary	2,853.85
5-Apr-12	<b>FUNDS RECEIVED</b>	<b>STA</b>	
17-Apr-12	Amiaifolau Afamasaga	Salary	2,853.85
1-May-12	Amiaifolau Afamasaga	Salary	2,853.85
15-May-12	Amiaifolau Afamasaga	Salary	2,853.85
27-May-12	Amiaifolau Afamasaga	Salary	2,853.85
6-Jun-12	KVA Consultant	final payment of 10% consultancy fees for PECL/KVA Consult for submitting Final NTCCASS Strategy inv#085144	17,480.00
6-Jun-12	KVA Consultant	payment of reimbursement for vehicle petrol, meals and overnight accommodation cater for consultants inv#085147	6,143.00
11-Jun-12	Amiaifolau Afamasaga	Salary	2,853.85
20-Jun-12	Fatuaiupu consult	payment of consultation fees for translation of NTCASS, 2011-2016 inv#07	10,867.50
26-Jun-12	Amiaifolau Afamasaga	Salary	2,853.85
<b>Total Disbursed</b>			<b>519,479.23</b>
<b>Total Remaining</b>			<b>299, 221.75</b>
<b>Total funding received (2010 &amp; 2012)</b>			<b>818,700.98</b>