



GOVERNMENT OF SAMOA
Ministry of Natural Resources and Environment



Fuipisia Waterfall (photo credit: Water Resource Division)

Annual Report
2016 – 2017

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Government of Sāmoa

OFFICE OF THE MINISTER OF NATURAL RESOURCES AND ENVIRONMENT

Ministry of Natural Resources and Environment; National Parks, Recreation and Water Conservation;
National Disaster Management; Meteorology and Forestry; Planning and Urban Management Agency;

28 February 2018

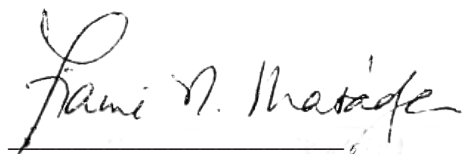
Hon Speaker of the House
Legislative Assembly
APIA

In accordance with Section 143 of the Lands and Environment Act 1989, I am pleased to submit herein the Annual Report of the Ministry of Natural Resources and Environment for the year ended June 30, 2017.

The Report is the record of the Ministry's performance in accordance with its mandate and output structure, and to be laid before the Legislative Assembly of Samoa.

May the Assembly be enlightened.

With respect



Fiame Naomi Mataafa

DEPUTY PRIME MINISTER / MINISTER

ACRONYMS

| | |
|---------|---|
| ABS | Access Benefit Sharing Biodiversity |
| ADB | Asian Development Bank |
| ADRA | Adventist Development and Relief Agency |
| AFERCC | Enhancing Climate Resilience of Coastal Communities of Samoa to Climate Change |
| AGB | Aboveground Biomass |
| ASP | Agriculture Sector Plan |
| AVA | Australian Volunteer Association |
| AWD | Apia Waterfront Development Project |
| AWP | Annual Work Plan |
| CC | Climate Change |
| CCAs | Community Conservation Areas |
| CFP | Community Forestry Programs |
| CGPS | Continuous Global Position System Stations |
| CIM | Community Integrated Management |
| CLAC | Customary Land Advisory Commission |
| CLEWS | Climate Early Warning System |
| COP 22 | Conferences of the Parties |
| CPR | Committee of Permanent Representatives |
| CS | Carbon Stock |
| CSP | Community Sector Plan |
| DAC | Disaster Advisory Committee |
| DCDB | Digital Cadastral Database |
| DEM Act | Disaster and Emergency Management Act 2007 |
| DKIF | Data, Information and Knowledge Facility |
| DRM NAP | Disaster Risk Management National Action Plan |
| DRR | Disaster Risk Reduction |
| ECD | Environment Coordination Division |
| EPC | Electric Power Corporation |
| EU | European Union |
| EUWSSSP | European Union Water and Sanitation Sector Support Programme |
| EWACC | Economy-Wide Adaptation to Climate Change |
| GCF | Green Climate Fund |
| GEF | Global Environment Facility |
| GHG | Green House Gases |
| GIS | Geographic Information System |
| GNSS | Global Navigation Satellite System |
| GNSS | Global Navigation Satellite System |
| GSN | Global Seismic Network |
| ICCRIFS | Integration of Climate Change Risk & Resilience into Forestry Management |
| ICCRITS | Enhancing the Resilience of Tourism Reliant Communities to Climate Change Risk |
| IIEC | International Institute of Energy Conservation |
| IMPRESS | Improving the Performance and Reliability of Renewable Energy Powers Systems in Samoa |
| INDC | Intended Nationally Determined Contribution |
| IRIS | Incorporated Research Institutions for Seismology |
| IUCN | International Union of the Conservation of Nature |
| IWRM | Integrated Water Resource Management |
| JICA | Japan International Cooperation Agency |
| LDCF | Least Developed Country Fund |
| LDN TSP | Land Degradation Neutrality - Target Setting Programme |
| LRS | Land Registration System |
| METAR | Meteorology Aerodrome Report |
| MFAT | Ministry of Foreign Affairs and Trade |
| MOF | Ministry of Finance |
| MoM | Monitoring of Mainstreaming |
| MoU | Memorandum of Understanding |
| MPAs | Marine Protected Areas |

| | |
|---------|---|
| MTEF | Medium Term Expenditure Framework |
| NAPA | National Adaptation Plan of Action |
| NCCT | National Climate Change Country Team |
| NDMP | National Disaster Management Plan |
| NDRC | National Development and Reform Commission |
| NESP | National Environment & Development Sector Plan |
| NESSC | National Environment Sector Steering Committee |
| NGOs | Non-governmental Organisations |
| NP | National Parks |
| NPO | National Prosecution Office |
| NWRIMS | National Water Resources Information System |
| NZMFAT | New Zealand Ministry of Foreign Affairs and Trade |
| OECPR | Open-ended Committee of Permanent Representatives |
| OLPP | O Le Pupu Pue |
| P3DM | Participatory 3 Dimensional Models |
| PARTneR | Pacific Risk Tool for Resilience Project |
| PICPP | Pacific Island Climate Prediction Project |
| PIFs | Project Identification Forms |
| PPG | Project Preparation Grants |
| PREP | Pacific Resilience Program |
| RED | Renewable Energy Division |
| ROFOR | Route Forecast |
| SATFP | Samoa Agro-Forestry and Tree Farming Program |
| SBI | Small Business Indicator |
| SBS | Samoa Bureau of Statistics |
| SCS | Samoa Conservation Society |
| SDGs | Sustainable Development Goals |
| SDS | Strategy for the Development of Samoa |
| SFFI | Samoa Federated Farmers Incorporated |
| SGP | Small Grants Programme |
| SIDS | Small Island Developing States |
| SLC | Samoa Land Corporation |
| SMD | Samoa's Meteorology Division |
| SMERF | Samoa Monitoring, Evaluation and Reporting Framework |
| SMSMCL | Strengthening Multi Sectoral Management of Critical Landscapes in Samoa Project |
| SMSMCL | Strengthening Multi Sectoral Management of Critical Landscapes in Samoa |
| SOLA | Solution for Open Land Administration |
| SOPAC | Secretariat of the Pacific Applied Geo-science Commission |
| SPREP | Secretariat of the Pacific Environment Program |
| SPWRC | South Pacific Whale Research Consortium |
| SROS | Scientific Research of Samoa |
| STEC | Samoa Trust Estate Corporation |
| TAG | Technical Advisory Group |
| ToT | Training of Trainers |
| UNCCD | United Nations Convention to Combat Desertification |
| UNDP | United National Development Program |
| UNEA | United National Environment Assembly |
| UNEP | United National Environment Programme |
| UNFCCC | United Nations Framework Convention on Climate Change |
| UNFCCC | United Nations Framework Convention on Climate Change |
| WMO | World Meteorological Organisation |
| WRD | Water Resource Division |
| WRM | Water Resource Management |
| WSS | Water and Sanitation Sector |
| WWW | World Weather Watch program |
| YCAN | Youth Climate Action Network |

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FORESTRY BOARD

| | |
|--|-----------------|
| Minister of Natural Resources & Environment | Chairman |
| Chief Executive Officer, MNRE | Deputy Chairman |
| Chief Executive Officer, Ministry of Finance | Member |
| Chief Executive Officer, Ministry of Agriculture & Fisheries | Member |
| Chief Executive Officer, Ministry of Commerce, Industry & Labour | Member |
| Chief Executive Officer, Ministry of Women, Communities and Social Development | Member |
| Liumaugu Malologa | Member |
| Faamoetaulua Lagisoifua Etene | Member |
| Tiatia Fisiga | Member |
| Mataia Jesse Lee | Member |
| Lemana Aukusitino Ono | Member |
| Tupai Fiamatai | Member |
| Tataimata Malae Laaia | Member |

GEOGRAPHIC NAMES BOARD

| | |
|---|---------------------|
| Minister of Natural Resources & Environment | Chairman |
| Chief Executive Officer, MNRE | Deputy Chairman |
| Safuta Toelau Iulio (ACEO Technical Services) | Secretary |
| Sagalala Salanoa | Registered Surveyor |
| Chief Executive Officer, Ministry of Education Sports & Culture | Member |
| Chief Executive Officer, Land & Transport Authority | Member |
| Chief Executive Officer, Ministry of Women Communities and Social Development | Member |
| Chief Executive Officer, Samoa Tourism Authority | Member |
| Police Commissioner, Ministry of Police | Member |
| Commissioner, Fire Emergency Services Authority | Member |
| Su'a Mulitalo Suapi | Member |
| Atoa Tafunai | Member |
| Patu Ativalu | Member |

LAND BOARD

| | |
|---|-----------------|
| Minister of Natural Resources and Environment | Chairman |
| Chief Executive Officer , MNRE | Deputy Chairman |
| Ministry of Natural Resources & Environment Attorney General | Member |
| Chief Executive Officer, Ministry of Finance | Member |
| Chief Executive Officer, Ministry of Agriculture & Fisheries | Member |
| Chief Executive Officer, Ministry of Works Transport & Infrastructure | Member |
| Fepuleai Tuisafia Teo | Member |
| Maiava Sootaga | Member |
| Seuamuli Pasi | Member |
| Pula Mafi Brown | Member |
| Mati Nei | Member |

PUMA BOARD

| | |
|---|-----------------|
| Minister of Natural Resources and Environment | Chairman |
| Chief Executive Officer , MNRE | Deputy Chairman |
| Chief Executive Officer, Ministry of Finance | Member |
| Police Commissioner, Ministry of Police | Member |
| Chief Executive Officer, Ministry of Women Communities and Social Development | Member |
| Chief Executive Officer, Ministry of Works Transport & Infrastructure | Member |
| Maugagaoa Ioane | Member |
| Lealaiauloto Feta | Member |
| Nafoi Kosene | Member |
| Tiumalu Peni | Member |
| Pepe Viiga | Member |

WATER RESOURCES BOARD

| | |
|---|-----------|
| Minister of Natural Resources and Environment | Chairman |
| ACEO – Water Resources Division, MNRE | Secretary |
| Chief Executive Officer, MNRE | Member |
| Chief Executive Officer, Ministry of Health | Member |
| Chief Executive Officer, Ministry of Agriculture & Fisheries | Member |
| Chief Executive Officer, Ministry of Finance | Member |
| Chief Executive Officer, Ministry of Women Communities and Social Development | Member |
| Managing Director, Samoa Water Authority | Member |
| General Manager, Electric Power Corporation | Member |
| 4 Community Representatives | |
| 1 NGO Representative | |

Purpose

The Ministry of Natural Resources and Environment leads the management of Samoa's environment and natural resource. We work across a diverse range of issues as reflected in the core functions undertaken by the 15 Divisions.

Who we are?

Our work is guided by the Government priorities under the Strategy for the Development of Samoa 2017 - 2021(SDS) (SDS), community values, aspirations, the state and condition of natural resources, and our legislative and policy mandates.

Vision

Improved quality of life for all Samoans that is premised on sustainable development and management of the country's natural resources and environment.

Mission

Working together in close partnerships with communities and stakeholders for the pursuit of sustainable development.

Our Mandatory Roles

1. An Environmental Regulator

Target national efforts to maintain and improve environmental standards and to minimize unnecessary burdens on the environment and improve livelihoods.

2. An Environmental Administrator

Work with people and communities to protect and improve the environment in an integrated way.

3. An Environmental Advisor

Compile and assess the best available evidence and use these to report on the state of the environment. To provide technical information and policy advice to the government to support their roles in decision making.

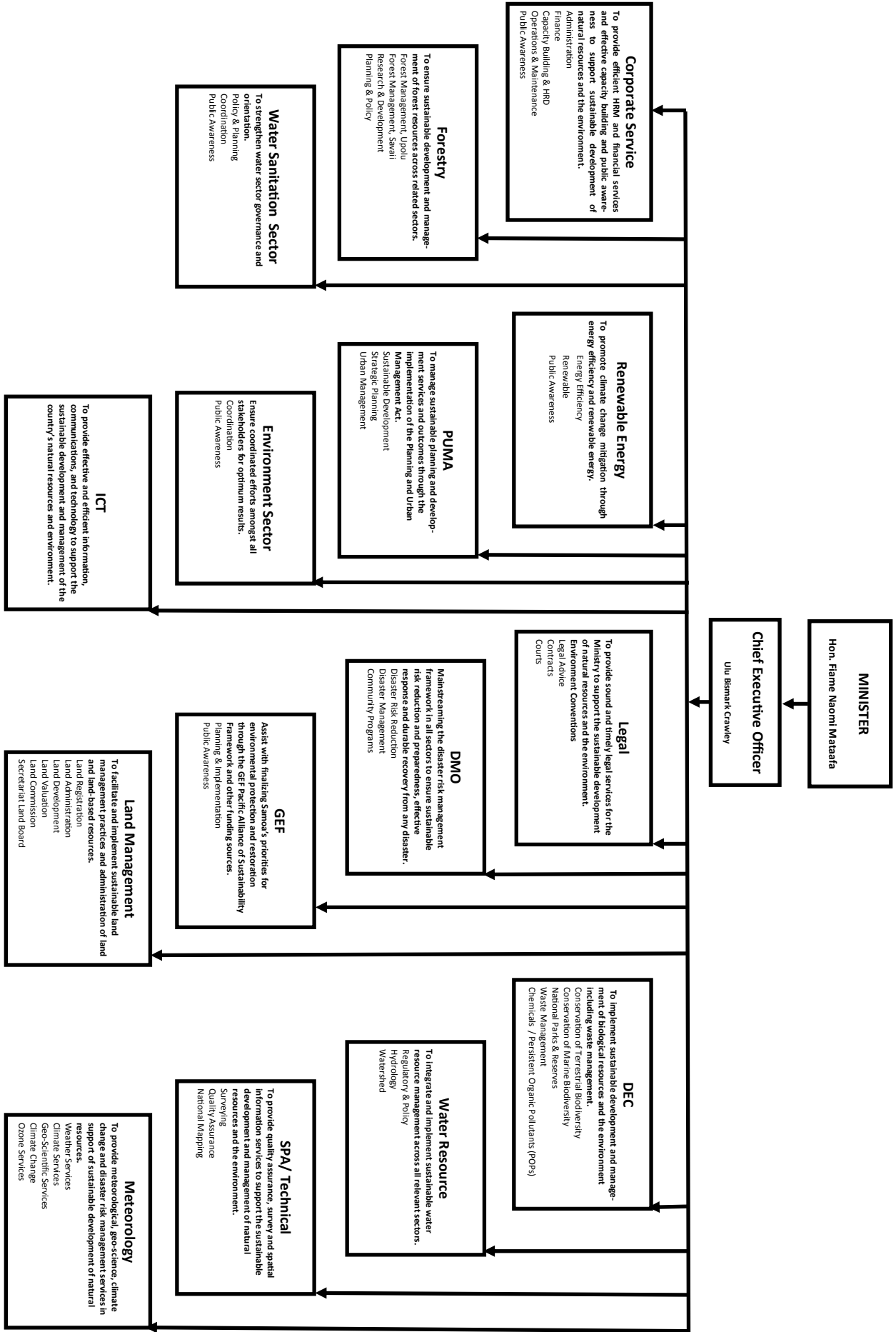
4. An Environmental Advocate

Environmental stewards advocating for better environmental outcomes



National Environment Week Green Tour Tree Planting at Togitogiga National Reserve

Ministry Organizational Structure



HIGHLIGHTS FOR THE YEAR UNDER REVIEW

(Achievements noted under each output)

Disaster Risk Management Workshops

Apia, Samoa, 23 August – 8 September 2016

A series of Disaster Risk Management sector workshops were held at Tanoa Tusitala Hotel in Apia, attended by 122 participants from across Samoa's fourteen sectors. The workshops involved collaboration between sectors, reflecting on agreed principles of mainstreaming disaster risk management.

Participants included representatives from government, civil society and the private sector with funding from the Secretariat of the Pacific Community (SPC) and the European Union (EU).

The workshop covered in three segments.

1. Introducing DRM concepts mainstreaming DRM, with opportunities for identifying entry points to address DRM challenges.
2. Practical and desktop, simulation exercise to test response agency planning.
3. The importance of monitoring DRM with an emphasis on mainstreaming along with an introduction to a monitoring tool developed by the DMO.

The workshop was facilitated by Ms. Karen Medica, DFAT's DRM Adviser from NZ.

Climate Change and Disaster Joint Platform

(2 November 2016)

The joint Platform brought together the stakeholders and partners to discuss and identify where they are in terms of progress on fostering and promoting knowledge and practical approaches to mainstreaming Disaster Risk Management (DRM) and Climate Change Adaptation (CCA).

It was also an opportunity for the selected speakers to discuss efforts towards aligning global and regional advancements in DRM and CCA with the SDS and sector strategies.

The discussions focused on:

1. The national level approaches to mainstreaming of DRM and CCA highlighting Samoa's 'home-grown' approach to advancing sustainability and resilience for all Samoans.
2. Sharing of lessons learned was led by government Ministries, community and the private sector partners.



Platform Audience attending the meeting at the TATTE Convention Centre

Water & Sanitation Sector 9th Annual Sector Review -24th Nov 2016

The theme for the review highlighted "Sustainable water and sanitation developments for a resilient Samoa" which address "reliable, clean, affordable and sustainable water supply and improved sanitation for all to sustain health improvements and alleviate poverty".

World Wetlands Day (WWD) – 22nd February 2017

The Honourable Deputy Prime Minister - Afioga. Fiame Naomi Mataafa in her official address emphasized prioritizing the growth and survival of wetlands as to safeguard and preserve natural resources from disasters and community welfare. Throughout the day, organizers carried out activities such as, youth sports, art competitions and coastal clean ups for local participants based on the importance of wetlands.



(L-R): HE. Sue Langford (Australian High Commissioner), Moafanua Pouli (ACEO Forestry Division), Lizbeth Cullity (UNDP Residential - Rep), Katumasa Shibuta (Japanese Ambassador)

Inception Workshop – Land Degradation Neutrality (LDN) – Target Setting for Samoa 23– 24 February 2017, Sheraton Hotel

The United Nations Convention to Combat Desertification (UNCCD) implemented by the Ministry, coordinated a National Inception Workshop on Land Degradation Neutrality. The workshop was conducted by a Regional Technical Coordinator of LDN, Mr. Thinlay Chungluk including other partners from FAO, UNDP, Government Ministries, State Own Enterprises, NGOs, Church and Community groups.

The workshop was intended to build advocacy for key stakeholders on LDN Scope and Framework. The keynote address by the Afioga Taefu Lemi, Associate Minister highlighted the limited resources to preserve and sustain public and future needs and addressing sustainable developments through LDN TSP initiative.



National Inception Workshop held at the Aggie Grey conference room

Intended Nationally Determined Contribution (INDC) & Nationally Appropriate Mitigation Actions (NAMA) school awareness campaign for Savaii - 13th -15th March

Awareness campaign with Savaii schools to achieve Intended Nationally Determined Contributions targets. These targets include reducing Green House Gases impacts and informing students on Nationally Appropriate Mitigation Actions to help Samoa combat Climate Change. There were eight schools selected by the Renewable division to carry out innovative activities through learning about renewable energy as a mitigation movement with the uses of clean energy.

Minister Advisory Committee – 24th March

The Minister's Advisory Committees for Upolu and Savaii continue to inform and advise government on environmental issues during their monthly meetings.



The Minister Advisory Committee meeting in Apia and Savaii.



Our Environment Our Heritage - Kids' Corner Prize Giving - Promoting Environment Awareness

Kids Corner Annual Prize Giving 2016 to acknowledge the commitment of these students and also encouraging them to read and understand Samoa's environment and environmental issues. The annual event is made possible with financial support from the Private Sector: Samoa Stationary and Books (SSAB), Business Systems Limited (BSL), Big Bear, CCK Trading Limited and Lucky Food town.



Overall award winner: Robert Louis Stevenson High School student (Hailey Rassmussen)

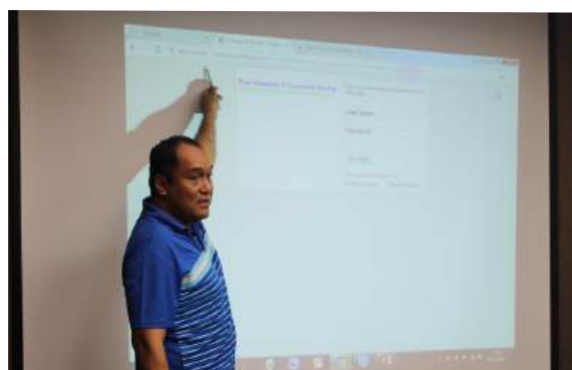


Students posing for a group photo after receiving their prize and certificates. At the centre sitted (L-R) BSL Representative, ACEO Corporate Tuiolo Schuster and SSAB Representative

Rio Convention Project - Data Knowledge & Information Facility - 30th March

The 'Rio Convention Project' funded by GEF/ UNDP established a centralised information network that supports information sharing and improve environmental reporting. The network was designed with technical support from IT experts from Government Ministries and referred to as: DKIF (Data Knowledge & Information Facility).

A series of Workshops with stakeholders established the platform to invite communities to better understand global environmental issues and solutions that build community resilience to cope with the impacts of climate change and to have better access to information



ACEO IT Mulitalo Bernie explaining the basic operations of the DKIF database system

Rio Conventions Project-Legal Review – 4th /5th May Consultations with Stakeholders

The Rio Conventions Project- Legal Review focused on legislative reforms and to provide a sound administrative and regulatory framework in the implementation of Rio Conventions in Samoa. As a result a number of Bills were developed to guide the impacts of climate change, biodiversity and land degradation under the 3 Conventions.

Rio Conventions Project – Legal Review Component – 26th May

'Convention Focal Point Training on the Excel Spreadsheet Tool for the Rio Conventions' to track progress on the implementation of obligations under all of the conventions. The Legal consultant reassures the importance of access to information to ensure support is provided by International donors (Rio Convention Project).

Integrated Water Management Plan (IWMP) for the Greater Apia

Consultations with all stakeholders, NGOs and the public to finalize the draft plan and to be informed of national efforts towards achieving Sustainable Development Goals (Goals 6, 9, 11) and thus improving the infrastructure to Apia residents.

Environment Governance Subsector Committee (EGSC) Meeting No.2 – 7th April

The 'Rio Convention Project' which started from 2014 is implemented in 3 components:

1. Legal Framework Review
2. Establishment of the Data & knowledge Information Facility (DKIF)
3. Mainstream Rio Conventions into National Frameworks

A series of Consultations with stakeholders discussed the monthly progress of the Rio Convention Project which noted the following delivery.

Component 1: Draft reports were submitted from the Legal Consultants (Schuster, Betham Annandale Lawyers) on the status of the 3 RIO Conventions dealing with climate change, biodiversity and land degradation.

Component2: Data entry trainings on populating the DKIF with reports, procurement of networking routers for database system security consultations were carried out with public/private sectors for DKIF end users on the design and functions of the DKIF

Component 3: Visitations to selected sites

Mt Vaea Restoration Project site (SMSMCL project) Vailima Nursery (Forestry & Water Resources Divisions) Meteorology Tour and Demonstration of Samoa Weather App.



EGSC roundtable meeting discussing issues regarding Rio Convention Project and Finalising Progress report

METI & Economy-Wide Adaptation to Climate Change (EWACC)(GEF) – Site Visit – 7th April

METI is involved with Climate Change Projects such as the GEF funded "Economy Wide Adaptation to Climate Change (EWACC) Project. The component focuses on healthy living and enhancement of livelihoods on sustainable practices through activities such as kitchen backyard gardens through Agroforestry.

METI carried out trainings for selected individuals from certain communities. For instance, a site visit to Faleasiu and Nofaalii community was co-ordinated by the GEF Division and other representatives from UNDP, FAO, MAF, MWCS and MNRE.



Community project in Nofaalii showcases their farm kitchen for subsistence farming.

EWACC Project – Segment 2 Site Visit – 10th April 'Flood protection infrastructure interventions'

The focus study area included residents that were affected during Cyclone Evan living near Vaisigano River, Leone Bridge, Lelata Bridge, Magiagi Hydropower and around Afiamalu. (It has seen that work has already installed on site; rebars from northwards of the Lelata Bridge.)



Rebar beams for the river wall foundation

Water and Forest Day 2017 – 12th April

Commemoration for the World Water & Forest Day 2017 marked the importance of forestry and water resources to the environment. The Honourable Deputy Prime Minister- Afoga Fiaame Naomi Mataafa delivered the official statement on the theme "Water and Forest Research: Promoting & Sharing Environmental Information".



The Ministry also launched the following documents;

- NUS- MNRE Environment Projects MOU,
- Community Engagement MOUs
- National Drinking Water Standards 2016
- Water and Sanitation Sector Plan 2016- 2020

There was also the opportunity for the guests to plant commemorative trees as part of the '2 million tree planting Campaign' carried out by the Forestry Division.

Community Disaster and Climate Risk Management Household Survey Results (Presentation & Training) – 19th April (CDCRM)

The CDCRM is the national program for the preparation and training of local communities to recognize the risks of exposure to hazards and their response to natural disasters.

The survey was conducted in 25 Districts across Samoa, consisting of 13 District from Upolu and 12 Districts from Savaii to enhance resilience of communities as first responders of climate change induced hazards.

The Disaster Management Office (DMO) held Community Disaster and Climate Risk Management training for agencies and stakeholders on efficient data collection, storage and management.

The training was conducted by Silafau Paul Meredith (WIZ Consults) and was attended by CDCRM Implementing Agencies such as the ADRA and SRCS, database users including MoH, FESA, MWCSO, MWTI, SBS, MAF, MNRE (Water Sector, EWACC, GEF, and DMO), and program partners such as UNDP and MoF.



Silafau Paul Meredith(Consultant) conducting the training

Farewell for Suluimalo Amataga Penaia and Welcoming Ulu Bismarck Crawley as CEO - 21st April

The Ministry welcomed the newly appointed CEO- Ulu Bismarck Crawley and farewell Suluimalo Amataga Penaia who served 16 years with the Ministry under the divisions of MET & WRD.



(L-R)Deputy Prime Minister. Afioga Fiamē Naomi Mataafa, Former MNRE CEO- Suluimalo Amataga Penaia and newly appointed CEO- Ulu Bismarck Crawley

PARTneR Basic Intro to Risk Tools Training & Data Management Meeting (May 9th-12th)

Following a series of inception and stakeholders consultation workshops that were conducted over the previous months since its inception in September 2016, the PARTneR project conducted its first training workshop from the 9 – 10 May 2017 followed by the its Data Management Meeting on the 11-12 May 2017. The PARTneR basic intro to risk tools training and the PARTneR data management meeting were held at the Meteorology Conference Fale, Mulinu'u.

The training aimed at introducing risk tools, (RiskScape tool), and their applications through case study unhazard scenarios that were identified by stakeholders during the Design Plan workshop in September 2016. Presentations and discussions on the core concepts of Disaster Risk Management (DRM) were facilitated by the PARTneR Project Team, which consists of members from NIWA and GNS Science of New Zealand and SPC of Fiji.

The workshops was a vital component in establishing a platform for stakeholders to collaborate and discuss the best approach to progress with the implementation of the PARTneR project towards achieving its primary objective of providing a tool for Samoa that will enable informed decision-making for development planning supported by substantiated data/information.

2 Million Tree Planting Campaign continues

The campaign was coordinated by the MNRE (Forestry Division) with the support of various multi-sectors and projects of MAF, MWCSO, METI, SFA, WIBDI, STEC, SUNGO, SFFI, CSSP, SCS and OLSS.



Mt Vaea restoration project organised by National Parks & Reserves Section (DEC).

Manumea Protection Campaign with Stakeholders – 9th/ 11th May

The Manumea Protection Campaign Workshop was funded by the Auckland Zoo and coordinated by MNRE- Environment and Conservation Division to enforce and implement strategy for effective wildlife conservation especially the Manumea (native tooth billed pigeon).

The workshop targets to develop a draft strategy to help reduce the impact of hunting on Samoa's wildlife birds and to share experiences and knowledge in order to implement ban activities within villages' forestry on hunting flying species.



Workshop facilitator: Steve Menzies of Flinch Marketing Ltd and participants.

Apia Clean Up – 27th May

The Ministry participated in a Multi- Sectoral Apia clean up as preparations to Samoa's 55th Independence Day Celebration. The MNRE collaborated with the STA cleaning around Apia Area from Seana Bar (Sogi) moving towards Fish Market (Savalalo).



Rubbish and cleaning around the Apia seawall.

Community Integrated Management (CIM) Plan Review – 29th May

Climate change has shown its true negative effects in the Pacific islands since the early 19th century; as it has been observed from some of its impacts to degrading coastal areas.

As a response to these impacts, Samoa developed a first generation of Coastal Infrastructure Management Plan that primarily focused on the protection of communities and assets in coastal areas.

However, the government decided to revise the plan by adopting a ridge to reef approach that not only involves coastal communities but also inland communities, and it is now renamed 'Community Integrated Management Plans'.

This plan involves two major leading projects (PPCR Project-Funded by World Bank group; and AF Project funded by UNDP's Adaptation Fund) that is coordinated by the MNRE with the support from multi-stakeholders.

Since the CIM plan was approved in 2006, it is important to review all its goals, objectives and focus due to the changes caused by climate change impacts within the 10 year period from 2006-2016.

The CIMP review in 2017 required pre-consultations processes with all 41 districts of Samoa. These consultations started in 2016 and had concluded with consultations with Faleata Districts in May 2017.

The review process had 6 stages.

1. Consultations with Community Matai's and leaders
2. Consultations with Community members
3. Site visit to assess community assets that are vulnerable to CC impact.
4. Consultations with District
5. Gathering and managing of information from consultation to draft new plan for the next 10 years.
6. Approval of revised CIM plan for the next implementation years.

Electric Scooters in Samoa – June 30th

The EESLI Project (Energy, Ecosystems, and Sustainable Livelihoods Initiative) gifted Samoa with 6 pilot electronic non-motorised scooters.

These scooters promote adapting electronic vehicles for commercial purposes by importing 100 electronic taxi cars to Samoa if successful. Deputy Prime Minister and Minister, Afioga Fiaame Naomi Mataafa stated that "using non-motorized vehicles in order to combat Climate

The review process is at stage 4; Change and reducing our carbon foot print on our vulnerable planet" and these scooters are now with Land Transport Authority for traffic patrol purposes.



Afioga Fiaame Naomi Mataafa with LTA traffic patrol officers.

Conferences of the Parties (COP) to the United Nations Framework Convention on Climate Change (UNFCCC)

The 22nd Conference of the Parties (COP 22) was held in Morocco with the delegation from Samoa led by the Honourable Prime Minister, the Minister of Finance, the Chief Executive Officer (CEO) of the Ministry of Foreign Affairs, Chief Executive Officer of MNRE, Ambassador Aliioaiga Feturi Elisaia, ACEO CRICU – MoF Litara Taulealo and ACEO for GEF, Anne Rasmussen to the Negotiations on the Implementation of the Paris Agreement.

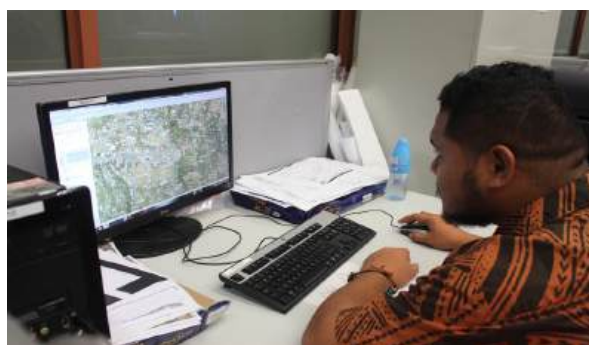
Spatial Information Agency

- Compliance and control of data sharing and usage.(License Agreement Policy)
- Ongoing mapping using LiDAR data.
- Geographic Names Board approved 33 road names, mapping and field visit for all these roads and searches carried out for each road plus selected names for recommendations to the Board and discussed.

- Revisit Official Baseline data for maritime zones due to request from neighbouring island since the newly LiDAR data received in 2016
- 15th Pacific Island Countries Advanced Article 76 (UNCLOS) and Maritime Boundaries Development, Sydney Australia (Principal Mapping Officer and Senior Mapping Officer in 2016).
- 16th Pacific Island Countries Advanced Article 76 (UNCLOS) and Maritime Boundaries Development, Sydney Australia (Senior Mapping Officer in 2017)



Survey team on the field checking out on land boundaries.



Ongoing mapping using LiDAR data

Environment & Conservation

- Biodiversity survey at Fusiluaga Vaipu swamp forest
- 1 Butterfly Survey in Savaii
- 1 Biological Rapid Assessment Program in Upland Central Savaii and Uafato-Tiavea Forests
- Technical Guidance Document 2016 - Mainstreaming Ecosystem Services and Biodiversity into Agricultural Production and Management in the Pacific Islands (partnership with FAO)
- Amendment to the Marine Wildlife Regulation 2009
- Fisheries Management Plan for Sapapali'i (partnership with MAF)
- Mangrove replanting at Pu'apu'a (Partnership with YCAN)
- Monitor of EbA project at Tafatafa
- 2 Crown of Thorns control operations for Pu'apu'a in Savaii (Partnership with YCAN)
- Biological survey for Vaipu Swamp Forest completed
- Bird baseline survey for the establishment of Taga Community Conservation Areas (partnership with SCS)
- Mt Vaea Restoration work on going.
- Malololelei Reserve Pest Control Project (funded by Auckland Zoo)
- Maintenance of 18 National reserves (twice a month)
- Restoration and rehabilitation of 7.9ha on Mt Vaea Reserve
- Bulky collection services (three times a year)

- New DEC Office at Market-LTA at Salelologa
- Inception Workshop for Mercury Initial Assessment (MIA) Project
- Educational awareness programme on composting of green waste to reduce the release of uPOPs to the atmosphere

Prosecution: Illegal Forestry

The Ministry's first criminal litigation where the National Prosecution Office ("the NPO") successfully prosecuted a matter for the Ministry for the pollution of the Vaisigano River. In 2017, the NPO successfully prosecuted an individual in Savaii for illegal forestry operation without the necessary permit/license. Ongoing legal support to the Office of the Attorney General was provided for both civil and criminal litigations.

Official Launching of the Waterfront Development Plan

- Officially launched Phase 1 of the Public Consultation campaign for the Apia Waterfront Development Project on 07 October 2015 and was completed in the first week of December 2015. The Apia Waterfront Development Project website also came online on the same day.
- A Waterfront Development Project Discussion Paper was prepared and 350 copies were printed, including the production of two banners and other necessary documentations such as large sized maps and images required for the workshop.



Launch of the Final Waterfront Plan

ISSUES AND CHALLENGES

As noted in previous reports there are issues that the Ministry identified to be factors affecting the achievements of output targets. Some of these are on going and common in most Divisions given budget limitations. Resources have always been identified at the forefront.

1. Financial resource as a result of some divisions overspending and some activities were postponed or rescheduled to the next financial year.
2. Human Resources - Staff Turnover (Issues relating to Human Resources are being identified in the Ministry's Workforce Plan and efforts have been made to address and take appropriate measures accordingly).
 - Maintaining qualified staff incentives are essential for a secured career within the Meteorological Services. It is recommended that the Job Classification System (JCS) and restructure for the division.
 - Shortage of qualified survey staff and limited budget were major impacts on the services delivery. A need for more local/overseas training for survey staff.
 - Senior staff officers leaving to undertake further studies overseas.
3. Land issues remain a challenge for divisions dealing with watershed management, conservation and land developments.
4. Limited resources in the budget for operational costs - i.e. High Internet and electricity cost because of 24/7 operations (MET & DMO) and the maintenance of early warning equipment.
5. Monitoring, implementation and enforcement of existing policies and legal instruments for divisions.

Staff Establishment

FY 2016/2017, the Ministry recruited 66 new staff;

- 3 contract positions
- 4 under projects
- 38 permanent staff
- 21 casual positions were transferred as permanent positions as per PSC CM effective 01/01/2017.

There were 19 staff promoted to higher positions within the ministry and 35 staff under the following reasons:

| | |
|--|----|
| Deceased | 2 |
| Retirement | 4 |
| Resignation | 20 |
| End of Contract | 3 |
| Project End | 3 |
| Termination (Breached Code of Conduct) | 3 |

Number of Males and Females Per
Division in MNRE
(June 2016 -July 2017)

| Division | Male | Female |
|--------------|------------|------------|
| CEO | 1 | 0 |
| Env.Sector | 0 | 1 |
| CSD | 22 | 29 |
| DEC | 46 | 9 |
| FOR | 123 | 16 |
| MET | 41 | 5 |
| PUMA | 8 | 14 |
| TS | 18 | 5 |
| WR | 26 | 6 |
| Wsector | 2 | 4 |
| IT | 5 | 1 |
| Min.Staff | 1 | 3 |
| GEF | 3 | 3 |
| LS | 1 | 4 |
| LM | 28 | 7 |
| RED | 0 | 4 |
| DMO | 2 | 6 |
| Total | 327 | 118 |



Continuous Learning Session

Staff Establishment

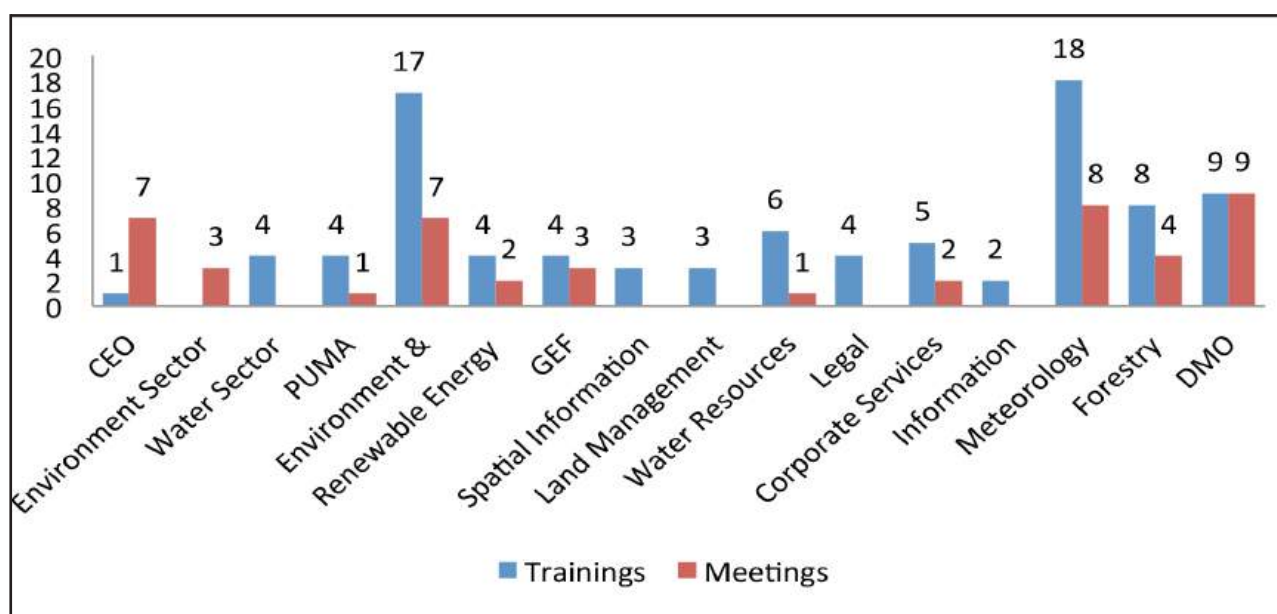
| Staff Establishment July 2016 to June 2017 | | | | | | | |
|--|----------------------------|----------|--------|----------------------------------|---------------------|---------------------------------|-------|
| Division | | Occupied | Vacant | Vacant Total Establishment | Non- Established | Non- Established Projects | Total |
| | CEO | 1 | 0 | 0 | 0 | 0 | 1 |
| | Ministerial Support | 3 | 0 | 0 | 0 | 0 | 3 |
| 1 | Environment Sector | 1 | 0 | 0 | 0 | 0 | 1 |
| 2 | Corporate Service | 50 | 0 | 0 | 0 | 1 | 51 |
| 3 | Environment & Conservation | 45 | 3 | 0 | 15 | 10 | 73 |
| 4 | Forestry | 90 | 3 | 2 | 21 | 0 | 114 |
| 5 | GEF Services | 1 | 0 | 0 | 0 | 5 | 6 |
| 6 | IT | 5 | 1 | 0 | 0 | 1 | 7 |
| 7 | Land Management | 26 | 2 | 0 | 1 | 13 | 42 |
| 8 | Legal Services | 4 | 2 | 0 | 0 | 0 | 6 |
| 9 | Meteorological Services | 44 | 2 | 0 | 2 | 0 | 48 |
| 10 | PUMA | 19 | 2 | 0 | 0 | 1 | 23 |
| 11 | Renewable Energy | 4 | 0 | 0 | 0 | 0 | 4 |
| 12 | Technical Services | 24 | 5 | 0 | 0 | 0 | 29 |
| 13 | Water Resources | 23 | 3 | 0 | 2 | 0 | 28 |
| 14 | Water Sector Unit | 5 | 1 | 0 | 0 | 0 | 6 |
| 15 | DMO | 6 | 2 | 0 | 2 | 1 | 11 |
| Total | | 351 | 28 | 2 | 45 | 32 | 445 |

Staff Development

The ministry has been able to obtain opportunities supported both by Regional and International organisation, donor partners and the Samoan Government to attend international workshop/training/meeting as part of capacity building and upgrading relevant skills for the staff. This important investment will ensure effective and efficient performance of respective duties and responsibilities, as well as effective implementation and management of Samoa's natural resources and the environment.

For overseas trainings/meetings attended by the staff, this year have seen a slightly decrease of 15% compare to last year, with a simultaneous 10 % decrease in the number of staff taking part – refer the following table.

MNRE Divisions Participation in Conferences and Trainings (June 2016 -July 2017)



Output 1: Policy Advice to the Responsible Minister

“Provide policy advice to the Minister on matters relating to the sustainable management of Samoa’s Natural Resources and the Environment”

Table extracted from the Finance One System for all Outputs.

| 2810 - Policy Advice to the Minister of Environment | Actuals | Commitments | YTD | Utilisation % | Budget | Funds Remain | YTD Budget | Original Budget |
|---|----------------|-------------|----------------|---------------|----------------|--------------|---------------------|-----------------|
| Personnel | 711,063 | - | 711,063 | 112% | 633,138 | | | 633,138 |
| Operating | 136,307 | - | 136,307 | 100% | 136,364 | 57 | | 96,364 |
| Total | 847,369 | - | 847,369 | 110% | 769,502 | 57 | \$769,501.96 | 729,502 |

Table extracted from the Ministry Budget Full Year Review submitted to the Ministry of Finance (FY16/17) for all Outputs

| Performance Measure/ Indicators | Budget Standard or Target | Traffic Light Progress Indicator | Comments |
|---|--|--|--|
| Number of workshops and meetings for greenhouse gas abatement through energy efficiency and biofuels applications in the land transport and electricity sectors conducted | 6 | C o m p l e t e d / Achieved | Have held 12 workshops, meetings and consultations for the INDC and NAMA |
| Number of renewable energy projects implemented | 2- Renewable Energy Project Registry for Samoa. | C o m p l e t e d / Achieved | Completed the 1) INDC implementation strategy; 2) Renewable Energy Carbon Registry; 3) Procured Electric scooters for LTA |
| Number of policies and strategies for renewable energy and energy efficiency implemented by the end of June 2017. | 2 | C o m p l e t e d / Achieved | Completed the 1) RE/EE Policy Framework and 2) NAMA policy framework |
| Percentage of development, registrations, and natural resource approvals issued over applications applied for | 90% - Social & Environmental Safeguards in place | C o m p l e t e d / Achieved | Sand mining Permits, Land Registrations, forestry permits, DCs, water license, quarantine permits, reviewed & approved as an ongoing process. |
| Percentage completion of Annual report for 2015/2016 | 100% | C o m p l e t e d / Achieved | Completed-December 2016 |
| Percentage of concepts and detailed project proposals prepared and submitted to GEF secretariat and other donors | 100% | C o m p l e t e d / Achieved | 100% achieved. GEF 6 replenishment 2014 - 2017 IMPRESS (RE) full project proposal has been signed and ready for implementation. Enabling Activity for UN CBD convention 6th National Report and ABS projects also endorsed. EWACC supported the formulation of Samoa GCF proposal on Integrated Flood Management. |
| Percentage of public consultations conducted and GEF guidelines promoted | 100% - GEF Funded Projects | C o m p l e t e d / Achieved | This is ongoing event re public consultation/awareness conducted under GEF projects RIO, EWACC, SMSMCL: 10% of funding component on awareness and consultations |
| Install biogas system as onsite sanitation management and alternative fuel. | 1 | C o m p l e t e d / Achieved | Installed a biogas system at Vaitele. |
| Percentage completion of the Sector Plan for 2017-2020 | 100% | Incomplete | Sector Plan scheduled to be completed by August - September 2017. |
| Percentage of projects being implemented across the GEF focal areas | 100% | Incomplete | 85% of new and ongoing projects have been rolled out to Energy Sector, Tourism Sector and Environment Sector while projects in other sectors have been completed or are waiting on GEF 7 Replenishment |
| Percentage of results and impacts of GEF Projects captured and reported | 100% | C o m p l e t e d / Achieved | Quarterly Progress Reports endorsed by the Steering Committee; for EWACC, SMSCL, RIO Projects; Results and Impacts documented / DKIF, MNRE website |

Sub Output 1: Global Environment Facility (GEF)

The GEF has been the main source of external financial assistance to Samoa's environment sector and has contributed enormously to Samoa's success in building a strong foundation for national environmental activities and meaningful contributions to international environmental efforts.

This Division manages and facilitates Samoa's access to GEF and other external project funding (with the proposed inclusion of the Green Climate Fund (GCF)).

This Division is directly implementing the Economy-Wide Adaptation to Climate Change project (EWACC) and serves as the advisory / GEF operational focal point coordinating the following projects:

1. GEF Small Grants Programme (SGP) with UNDP & CSSP.
2. Enhancing the Resilience of Tourism Reliant Communities to Climate Change Risk (ICCRITS), - STA
3. Strengthening Multi Sectoral Management of Critical Landscapes in Samoa (SMSMCL), - GEF 5 - Land Management Division
4. Capacity Building for Mainstreaming and Implementing the Rio Convention (Rio Project) - CSB
5. Enhancing Climate Resilience of Coastal Communities of Samoa to Climate Change (AF-ERCC),
6. Improving the Performance and Reliability of RE Power Systems in Samoa (IMPRESS) Project – GEF 6

This Division also provides policy advice and capacity building in areas of climate change and a meticulous role in negotiations with reference to the UNFCCC.

Outcome 1.0: Enhanced accessibility to GEF project funding and related funding sources

1.1 Sourcing of funds

The Division plays an important role in securing and sourcing of funds within the Ministry and other complementing Sectors. This is working on Readiness activities, preparation of Project Information Documents (PIFs) and Project Preparation Grants (PPG). Milestones in this area included the approval of the GCF Proposal and signing of the IMPRESS Project for execution.

Leading up to the submission of the GCF Proposal the Division was involved during the process with consultations with the provision of the concept note to the in country mission team building onto the work of EWACC to base the design of the GCF project, the micro assessment evaluation, Readiness proposal and the Awareness and developing and conceptualising of the DVD and programmes during the GCF Board meeting in Samoa.

Achievements

- Total PIF: 3 Project Preparation Grants - Project Document
- Total PPG: 3 approved
 1. 2 Enabling Activities approved
 2. Funding for the 6th National Report for Convention on Biological Diversity and Access Benefit Sharing.
 3. 1 Green Climate Fund project approved – Integrated Flood Management to enhance climate resilience of Vaisigano catchment in Samoa at total of USD 58,000,000.00

A) Current Regional Programmes – SPREP

| Project | Duration | Total Estimated Programme USD |
|---|-------------|--|
| CCCCD MSP – Enhancing Capacity to develop Global Environment projects | 2015 - 2017 | USD 1,000,000.00 (RIO) |
| Institutional Strengthening for Climate Change – Climate Finance Project managed from SPC with positions at SPREP and Forum Secretariat. Samoa Ministry of Finance is Focal Point in close collaboration with MNRE | 2016 - 2020 | 5,000,000.00 (USAID Funded) 8 Countries: Samoa, Tuvalu, Vanuatu, Kiribati, Solomon, FSM, Palau and Fiji |
| Sub Total | | USD 6,000,000.00 |

B) National Programme/ Projects

| Project | Duration | Total estimated programme USD |
|--|-----------|-------------------------------|
| SMSMCL – GEF 5 STAR – TRUST FUND | 2013-2018 | 4,736,363.00 |
| ICCRITS - Full Project Enhancing the Resilience of Tourism Reliance Communities to Climate Change Risks | 2013-2017 | 1,950,000.00 |
| Adaptation Fund | 2012-2017 | 8,732,351.00 |
| Capacity for Implementing Rio Conventions in Samoa | 2014-2017 | 500,000.00 |
| Economy-Wide Adaptation to Climate Change (EWACC) | 2014-2019 | 12,322,936.00 |
| Renewable Energy (IMPRESS) - | 2017-2021 | 6,075,828.00 |
| Sub Total | | 34,320,478.00 |

C) Enabling Activities for Conventions GEF is financial mechanism to:

| Project | Duration | Total estimated programme USD |
|--|-------------|-------------------------------|
| Samoa's Biodiversity Sixth National Report to the Convention on Biological Convention (UNCBD) – DEC Division | 2017 - 2019 | 100,000.00 USD |
| Global ABS (Access Benefit Sharing Biodiversity) – DEC Division | 2017 - 2019 | 350,000.00 USD |
| Sub Total | | 450,000.00 USD |

Outcome 1.2: Effective management of GEF programmes to facilitate the planning and preparation of project proposals and project synergies.

The GEF Division is responsible for coordinating projects funded by GEF and executed by multi stakeholders.

1.2.1 Co-ordination of EWACC project

The GEF Division is implementing the EWACC projects in coordination with the Ministry of Finance (MoF), Ministry of Women Community and Social Development (MWCSD) and Ministry of Works Transport and Infrastructure (MWTI). EWACC is a five year project with the objective to mainstream climate change adaptation and disaster risk management into national planning and programming through an economy-wide and programmatic approach. The revised Annual Work Plan (AWP) is USD 4,888,719.04

The National Steering Committee for all major projects is chaired by the Ministry of Finance with Relevant Ministry as part of the committee. EWACC reports to this National Steering Committee.

Achievements:

- Funding from the project is assisting the Ministry of Works – MWTI in the production of the revised Samoa National Building Code awaiting the incorporation of the Standard Plans in close collaboration with MWTI
- The Water Resources Division takes the lead in developing and finalizing the Integrated Water Management Plan for the Greater Apia Urban Area, which was an integral part of the approved national proposal to GCF, and utilized by other development projects ongoing around the waterfront area.
- The tendering and evaluation of works for Segment 1 of the Vaisigano Wall awarded to Ott Constructors Company Limited at a total cost of SAT 15,674,547.84.
- The Commissioning of works in Segment 2 and 3 in collaboration with the Electric Power Cooperation (EPC) and realignment of their Penstock awarded to Pernix MAP Limited at a total cost of NZD 3,215,064.78
- The completion of the Community Disaster & Climate Risk Management (CDCRM) Household Survey which covered 25 districts representing 123 villages and a total of 63,640 occupants around Samoa. This was accompanied by a setup of a Ministry database to store the depth of information and training for stakeholders on how to retrieve required information.
- Capacity building was facilitated by the Division/ Project in the areas of Geographic Information System (GIS), Cost Benefit Analysis, Participatory 3 Dimensional Models, nationally and regional and numerous Training of Trainers programmes.
- Successful implementation of activities of two cycles of Memorandum of Understanding (MoU) with the Matuaileoo Environment Trust Incorporated (METI) involving a total of 15 villagers through hands on training programs, workshops and the use of knowledge management products.
- Feasibility study successfully completed for the Small Business Indicator (SBI) and community consultations in collaboration with the MWCSD
- Production of Knowledge Management products (GIS Training Manual in collaboration with Water Resources Division, CDCRM Toolkit – with Disaster Management Office, GCF Documentary, Photo panels) and utilization of Principal Communications Officer to provide trainings on aspects of Multimedia usage and designs (e.g. DKIF, website, portal linkages etc.

- Facilitation of several high level visits and delegations



Segment 2 site visit at Vaisigano river.

1.2.2 Small Grants Programme (SGP)

The main objective of this programme is to provide funds for communities seeking assistance to address issues pertaining to a range of environmental concerns such as land degradation, biodiversity, coastal and marine protection, water management etc.

Since the programme was executed in 2003 a total of 187 Projects (including upcoming projects) have been granted with a total amount of USD 3,415,189.00.

This period has focused entirely on awareness as well as improvement of processes and systems to optimize chances for eligible applicants to secure funding.

Achievements

- Recruitment of new SGP Coordinator and Office Assistant
- Outreach Call for Proposal Programmes in Upolu and Savaii
- Simplified proposal templates in both English and Samoan
- Formation of Technical Advisory Group across each thematic area to assess and validate proposals received from communities and civil societies for the upcoming Financial Year and in line with GEF Operational Phase 6
- Conducting workshops and trainings in existing SGP
- Projects in relation to Project Management, Financing and Reporting and Knowledge Management
- Several of the Projects/ Initiatives recognized and recipients of the 2016 National Environment Award



METI and EWACC site visit.

1.2.3. Enhancing the Resilience of Tourism Reliant Communities to Climate Change Risk (ICCRITS)

ICCRITS is a project addressing the Tourism Sector and initially intended for 4 years and implemented directly by the Samoa Tourism Authority.

The objective of the Project is to reduce vulnerabilities of coastal communities and tourism operators through the mainstreaming of climate risks into tourism related processes and adaptation actions.

Achievements

- The launch of the Small Grants Schemes for Tourist operators with 16 successful recipients for modifications and improvements on their existing infrastructures to better deliver their services
- The official launching of the Manase Beach Replenished Project
- Climate Early Warning Systems trainings and simulations as well as the production of forecasts with the intent to be utilized for the Tourism Sector to increase its resilience and climate change adaptation measures
- The launch of the foundation for a Sustainable Samoa (Travel Philanthropy Fund)
- Knowledge Management Products produced to capture lessons learnt and outcomes of the project.
- Extension of the Project to December 2017
- Capacity Building Programs for PMU

1.2.4. Strengthening Multi Sectoral Management of Critical Landscapes in Samoa (SMSMCL) Project

The Ministry is implementing through the Land Management Division the SMSMCL Project which is a 5 year GEF Funded Project.

The objective is to reduce land degradation and greenhouse gas emissions and promotion of nature conservation to enhance sustainable local livelihoods through the strengthening of local capacities, incentives and action utilizing integrated landscape management.

Achievements

- Successful implementation of Training of Trainers(ToT) programme with the supporting implementing partners in the areas of Sustainable Agricultural Practices & Farm Landscape Planning as well as Community based training(CBT) for the villages of Tiavea, Uafato, Safaatoa, Apolima tai and Maagiagi
- Sustainable Development Village Plans for Uafato, Safaatoa and Apolima-tai
- Key Biodiversity Areas Biorap Ecological Surveys for Uafato-Tiavea, Aopo and Falealupo
- Technical Workshops for PES & REDDT
- Completed Mid Term Review for the Project
- Soil Management Plan (SMP) and Conservation Manual published
- Recruitment of field assistant to assist in the implementing of project activities in communities
- Nursery Management & Forestry Training programme
- Knowledge Management and Awareness programs for the Project including newsletter, facebook page, website and radio and tv programs.

1.2.5 Capacity for Implementing Rio Conventions in Samoa

The project will assist the Government of Samoa to meet its obligations under the three Rio Conventions, this will be by mainstreaming and the promotion of the 3 Conventions into national development plans through strengthening of legislative and regulatory instruments.

Achievements

- Recruitment of 1 project position (Principal IT and Knowledge Management Officers)
- The Data, Information and Knowledge Facility (DKIF) system developed and has supported the overall improvement of the Ministry's ICT infrastructure through the acquisition of much needed hardware and software
- Consultation on the new information network (DKIF) conducted with the relevant stakeholders from the various sectors to inform of the new system and to gauge their feedback on areas for improvement
- Upgrade of the new MNRE website during the National Environment Week 2016
- Presentation of DKIF in regional platforms linking with regional portals in Niue and Samoa.
- Mainstreaming of the Rio Conventions into 4 Sectors (Community, Agriculture, Health, Tourism)
- 3rd Annual Review for the National Environment Sector Plan (NESP) conducted under the Rio Project during the National Environment Week 2016 encouraging feedback from all sectors
- MoU signed with the Samoa Bureau of Statistics ensuring Data Collection and Monitoring & Evaluation (M&E) at a National Level in terms of reporting and validation
- Updated the NESP Framework 2017 – 2020 with Participatory Outcome Mapping gauged from all relevant stakeholders and sectors
- Legal Review undertaken by the Betham, Schuster and Annandale law firm, in enhancing the capacity of all officers with their understanding in relation to the Rio Conventions and Samoas obligations.
- Development of an Analytical Tool per Convention in Excel format with all of the articles aligned with National Legislation and Acts to guide the line of work within the respective areas.
- Draft Bills in relation to Climate Change Management and Soil Resources Management.
- Capacity Building Opportunities for PMU to further enhance capability to deliver project activities and targets.

1.2.6 Enhancing Climate Resilience of Coastal Communities of Samoa to Climate Change (AF-ERCC)

The 5 year term AF-ERCC Project is managed by the Planning and Urban Management Agency (PUMA) and it is aimed at reducing the vulnerability to adverse impacts of climate change at both the local and national level.

It also provides a holistic and countrywide approach to Climate Change adaptation and drives the implementation of the Community Integrated Management Plans (CIMS) on the ground as a practical community based response to adaptation. The Project is implemented through 25 Districts which encompasses a total of 139 villages

Achievements

- Recruitment of a TA as part of the CIM Team
- Saleia Community Embankment Wall Project/ Savaii

- The Manase Beach Replenishment & Breakwater Construction
- Extensive CIM Plan Reviews conducted at District level throughout the Upolu & Savaii
- Development of a Relocation Strategy and Handbook
- Riparian activities conducted in collaboration with other Divisions and complementing projects
- Funds for community proposals for the Small Grants Program in collaboration with the Civil Society Support Program (CSSP)
- Water Supply and Enhancement Project in selected villages
- Awareness and Knowledge Management Programs including the launch of the Facebook page and update of website information

1.2.7 Improving the Performance and Reliability of RE Power Systems in Samoa (IMPRESS) Project

The IMPRESS was approved in its PIF form in 2015 with the Project Document final approved in May 2016, it is a five year project coordinated by the Renewable Energy Division with the aim to improve sustainable and cost-effective utilization of RE resources.

- Funded by the 6th round of GEF funds (GEF6).
- Implemented by MNRE-RED, STEC, MoF, EPC and UNDP.
- The IMPRESS project document was submitted to the GEF Council in April 2017. Approval was relayed towards the end of this current financial year, so plans are in the pipeline for Technical Advisory Group (TAG) meetings to be called in order to finalize workplans and procurement plans before the IMPRESS inception workshop proposed for the 31st October 2017.
- The IMPRESS project has five major components and its duration is five years.
- One of the major components (Component 2) will fund a biomass gasification plant on the STEC compound at Mulifanua to provide more baseload power and to help stabilize the electrical grid on that side of the island, due to an influx of renewable electricity.
- The other four major components will focus on how to improve the other areas of the Energy Sector in Samoa.
- MNRE-RED will be the main implementing agency along with STEC and EPC.
- Attended all IMPRESS meetings and consultations with energy sector stakeholders to gauge where IMPRESS can really make a difference in Samoa.

Achievements

- The Project official Launch and Signing was done on the 2nd of August 2017. This five year project, which will be led by the Renewable Energy Division at MNRE working in collaboration.

Outcome 1.3 Capacity Building, Knowledge Management & Awareness

There has been extensive work provided through the division staff to assist the Ministry in areas of Knowledge Management from the formatting of documents (Ministry annual reports, technical manuals, newsletters), to the production of awareness materials, the upload of data to the DKIF system and Ministry webpage.

In the interests of partnerships and collaborative work the staffs have assisted in the technical aspects such as the Training of trainers programme facilitated by SMSMCL at a national level and the facilitation of P3D Modeling Projects regionally upon requests from different Implementing Agencies such as UNDP and SPREP.

GEF Constituency Workshop and Constituency Meetings

These workshops are an opportunity for participants to meet with their counterparts from other regional countries and other GEF partners, to discuss and review policies and procedures, and to share lessons and experiences from development and implementation of GEF projects and their integration within national policy frameworks.

The meeting also aims to review country and constituency coordination issues, to enhance communication and outreach efforts, to decide upon constituency governance issues, such as the order in which countries will assume Council Member and Alternate seats (rotation agreements), participation in replenishment process and discuss implementation of the GEF projects and share lessons learned.

RIO Project – DKIF System Operation

Outcome 2: Public aware – raising & Information Management

Progress:

- Quarterly maintenance and improvements of the DKIF systems functionality conducted.
- Provided a quarterly report of the systems implementation to the Project Manager.

Achievements Financial Year 2016:2017

- A number of functional and technical trainings were also conducted for the Data Knowledge and Information Facility systems to the staffs and consultations to the MNRE stakeholders.
- DKIF system Manual completed
- System Backup implemented



Focal point training and Legal Framework Review for Rio Conventions

Sub Output 1: Information Technology and Communication

Output

Information Technology and Communication Services

IT Helpdesk and Network Infrastructure:

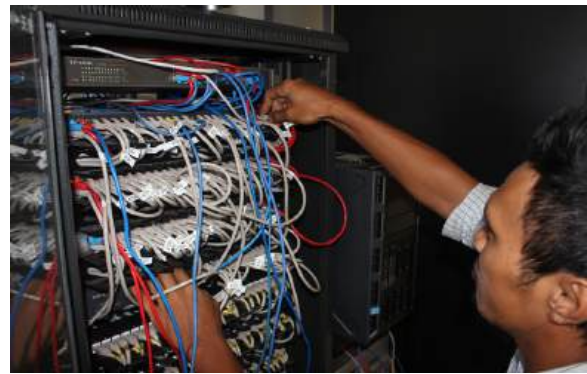
- Email is the biggest issue, this is due to the staff members changing their passwords and not receiving emails.
- Ongoing management and maintenance of (13) servers in the main office, twenty (20) system servers at Meteorology Office at Mulinuu, and a Back-up server at Forestry office, Vailima.
- Provided support for 12 MNRE sites using Bluesky fibre and Samoa National Broadband Highway(SNBH)
- Ongoing maintenance and operation of 280 computer peripherals in the ministry.

Information Systems:

- Ongoing maintenance of all MNRE information systems conducted.
- Daily monitoring of all the systems backup

Achievements:

- ACEO ICT on board in July 2016
- Review of IT Policies and procedures conducted in 2016
- Official launch of the new MNRE website during the Environment Week on November 2016
- Move from CSL to use the Bluesky fibre and connect 5 sites at SNBH to reduce the internet cost.
- New email server and website successfully host in-house
- Installation of the Secure Socket Layer Certificate (SSL) around April 2017 to secure the MNRE website and webmail.
- Re-design network backbone infrastructure



System Backup Implemented



Ongoing maintenance on PCs and update of Anti-Virus softwares.



Technical trainings on DKIF system



Participants discussing the features of the DKIF system

Sub Output 1: Environment Sector Coordination Division

| Division | | Environment Sector Coordination Division |
|--|--|---|
| Number of Staff | | 1 x Assistant CEO / Environment Sector Coordinator 1 x Rio Project Officer (seconded from Corporate Services) |
| 1. Division Key Performance Indicators for FY16/17 | | |
| 1.1 | National Environment Sector Plan (NESP) 2013 - 2016 Reviewed | Full review of the National Environment Sector Plan (NESP) 2013 - 2016 has completed. The review report was endorsed by the NESSC at its 7th Quarterly meeting in December 2016. The CDC endorsed the report at its meeting on the 25th May 2017. The Report presents the findings from the review of the NESP 2013 - 2016. It details the extent to which the NESP was implemented and its overall contribution towards the realisation of identified high level development outcomes. |
| 1.2 | Updated NESP 2017 - 2021 developed | Update of the NESP 2017 - 2021 is about 80% completed. Work is continuing to finalise the sector medium term expenditure framework and monitoring and evaluation framework. |
| 1.3 | Quarterly NESSC Meetings conducted | Two quarterly meetings of the committee were convened out of 4 meetings scheduled for the year. Meetings for the last two quarters were on hold temporarily due to concentrate on finalising the review and update of the NESP. |
| 1.4 | Sector Annual Reviews conducted | The fourth annual review was conducted in November 2016 for the period FY2015/16. The review completed the full review of the NESP 2013 - 2016. Findings from the review are consolidated in the NESP review report noted in 1.1. |
| 1.5 | Sector Medium Term Expenditure Framework (MTEF) developed | Work on developing the Sector MTEF is yet to be completed. This involves costing of the draft NESP framework for action 2017 - 2021 and integration of national (recurrent) and external (investment) funding. The MTEF will be featured in the updated NESP once finalised. |
| 1.6 | Sector Monitoring and Evaluation Framework developed. | Work on developing a Sector M & E framework is underway to be finalised as part of the updated NESP. The Sector Outcomes Framework has been completed and follows the Samoa Monitoring, Evaluation and Reporting Framework (SMERF) adopted by MOF to guide sector planning and M & E frameworks. |
| 1.7 | Coordination of National Environment Week 2016 | The National Environment Week (NEW) 2016 was commemorated from the 29th November to 4th November 2016. The program included: <ol style="list-style-type: none"> 1. Clean-up at Fuluasou River and Vaiusu Mangrove Reserve 2. Nation Environment Week Church Service on Sunday at the Methodist Church at Matafele 3. Official Opening Ceremony for the Environment Week and Green Partners March from FESA. 4. Launching of Tapueleele and Sapunaoa Watershed Management Plans, P3D Model for Fagalii Watershed; and Water, Sanitation and Hygiene (WASH) Baseline Survey. 5. Distribution centres for native tree seedlings were set up in-front of the Central Bank Building for the general public. 6. Community consultations on the CIM Plans were held for the Districts of Faleata East and West. 7. National Water Leaders Forum 8. Young Water Leaders Initiative - Ridge to Reef Tours 9. Three day National Environment Exhibition from 1 - 4 November 10. Green Tour and Tree Planting Program at Le Pupu Pu'e and Togitogiga for Primary School students 11. Climate Change and Disaster Joint Platform 12. Village Response Team First Aid Competition at Malaefatu Park 13. Third Annual Environment Sector Review for FY2015/16 14. Launching of MNRE Website (upgrade) 15. National Environment Partners Dialogue 'Waste is everyone's responsibility' 16. National Environment Awards Gala. |
| 2. Other Tasks | | |
| 2.1 | GEF Small Grants Programme Technical Advisory Committee | Co-reviewed concept proposals under the GEF funded Small Grants Scheme as a member of the SGP Technical Advisory Group (TAG). Sixty proposals were reviewed by the MNRE team of technical specialists including representatives from DEC (Marine conservation and Solid waste management), Forestry and Water Resources Division (Watershed management). Proposals covered key thematic areas such as agro-forestry, climate change, forest restoration, waste management, freshwater pools, water conservation, watershed management and coastal marine which received the most applications. |
| 2.2 | Agriculture Sector Policy Objective (SPO) 4 Working Group | MNRE chairs monthly meetings of the Agriculture Sector's Policy Objective 6 Working Group responsible for the Sector's sustainable agricultural and fisheries resource management practices, climate resilience and disaster relief efforts. |

Sub Output 1: Renewable Energy Division

MNRE-RED is currently implementing or has completed the implementation of projects aided by funds including; AusAID, JICA and GEF funded PEEP2 project;

Quantitative Performance Achievements

(i) AusAID-JICA-GEF co-funded End Use of the Electricity Project – Promoting Energy Efficiency in the Pacific – Phase 2 (PEEP2)

- Funded by AusAID, GEF and JICA through the Asian Development Bank (ADB).
- Implemented by the International Institute of Energy Conservation (IIEC) and MNRE-RED.
- This project was officially completed with a PEEP2 workshop in March 2015 at Tanoa Tusitala Hotel, for the 5 participating countries (Samoa, Cook Islands, Tonga, Vanuatu and PNG) and other SIDS countries from around the Pacific.
- Final sub-project of PEEP2 was Energy Efficient lighting for the Residential sector, whereby the public can pay through the EPC using their meter numbers for T5 lamp tubes at SAT \$3 per lamp, then have their lamp tubes supplied by MNRE – RED. This process is still ongoing by 30th June 2017. However, all 4-ft have been sold but only 2-ft lamp tubes remain.
- Construction of a storage facility at the Tafaigata Waste Disposal site to house the “lamp compacter” for the safe disposal of light bulbs, especially the safe containment of the mercury vapors within these bulbs.
- Construction of the facility was completed during this financial year. It is anticipated that the training of the staff to handle the lamp compacter will take place next financial year upon procurement of all the safety gear required.
- 7 sub-projects of PEEP2 were carried out in Samoa in the duration of this project, as shown by the following table:

| | Sub-Project Name | Sub-Project Details |
|---|--|---|
| 1 | Energy Efficient Street Lighting project | Replaced 152 X 60W mercury street lights with 35W LED street lights for EPC. |
| 2 | Energy Efficient Lighting in Government Buildings | Replaced 6,881 X 45W fluorescent 4ft lamp tubes with 30W T5 efficient lamps for 10 entities [National Health Service (NHS), Central Bank of Samoa (CBS), Accident Compensation Corporation (ACC), Ministry of Education, Sports and Culture (MESC), Ministry of Natural Resources and Environment (MNRE), Scientific Research Organisation of Samoa (SROS), Polynesian Airlines Limited (PAL), Ministry of Police and Prisons (MPP), National Provident Fund (NPF), Mapuifagalele Home of the Aged] |
| 3 | Energy Efficient Luminaires in Government Buildings | Replaced complete inefficient T8 fluorescent fittings with efficient T5 fluorescent light fittings for two government entities [National University of Samoa (NUS) and Development Bank of Samoa (DBS)] |
| 4 | Demonstration of Energy Efficient Air-Conditioning Technologies in Samoa | Replaced inefficient Air Conditioners with efficient inverter type Air Conditioners, installing smart controllers to control ACs to save energy and replacing inefficient Air Conditioners with efficient Solar Hybrid Air Conditioners. 6 entities were involved – MNRE, MPP, NHS, NUS, SROS and Mapuifagalele. |
| 5 | Energy Efficient Lighting in the Commercial Sector | Replaced 1300 fluorescent lights with LED 1.2m lights for Yazaki, which is a commercial company which manufactures wire harness for motor vehicles. |

| | | |
|---|---|--|
| 6 | Energy Efficient Air Conditioning in Hotels | Replaced inefficient Air Conditioners with efficient ACs for 2 hotels – Pacific Pearl and Vaisala hotels. |
| 7 | Residential Energy Efficient Lighting | Replacing 4000 inefficient T8 4-ft (45W) and 4000 T8 2-ft (28W) with efficient T5 fluorescent lights (30W and 16W) for about 3000 with a registered meter number. Each registered EPC customer pays EPC \$3/lamp and claim them from MNRE – RED. |

(ii) Greenhouse Gas Abatement Project:

Phase 1: Energy Efficiency and Biofuel Applications in the Land Transport sector.

- Funded by Austria and Italy through the International Union of Conservation of Nature (IUCN).
- Implemented by MNRE-RED, MoF, SROS and STEC.
- Approval by the Tenders Board of the contract awarded to Colin Carr Limited of New Zealand to supply 6 electric scooters for LTA. These e-scooters were officially handed over by Minister MNRE, Honorable Fiamē Naomi Mata'afa to the Minister LTA, Honorable Papali'itele Niko Lee Hang on the 30th June 2017.
- A request from LTA for more portable and printable emission testers to assist with monitoring and fining/charging drivers of “gaseous” vehicles will be addressed next financial year provided fund availability.
- SROS continues their research into jatropa oil as a substitute for coconut oil in biodiesel production for transport, to avoid the use of coconut oil which can pose food security issues. STEC continues to extract coconut oil using the three oil expellers launched in September 2013.
- Facilitated meetings, for Project Steering Committee meetings.
- Coordinated all the awareness programmes under this project.

Phase 2: Strengthening Greenhouse Gas Abatement Strategy through an Appropriate Low Carbon Development Policy Framework.

- Funded by Austria and Italy through the International Union of Conservation of Nature (IUCN).
- Implemented by MNRE-RED, and MoF.
- The contract was awarded to Subbarao Consultancy for the formulation and production of:
 - a) *Renewable Energy and Energy Efficiency Policy Framework and*
 - b) *Nationally Appropriate Mitigation Action (NAMA) Framework*
- The Tenders Board approved the “single source” procurement for Subbarao Consultancy to work on the NAMA submission for Samoa, was approved. The proposed NAMA submission will focus on the Transport sub-sector of the Energy Sector to have greenhouse gas (GHG) emissions reduced from road transport.
- A number of consultations occurred amongst the energy sector stakeholders as well as members of the general community both in Upolu and Savaii.
- The final NAMA draft has been circulated to all the Energy sector stakeholders for comments. Once finalized, will submit to the National Energy Coordinating Committee (NECC) for their endorsement before submission to the Cabinet Development Committee (CDC).

(iii) Biogas production through anaerobic digestion for electricity production.

- Piu Biogas Electrification project is funded by Denmark through SIDS DOCK under PIGGAREP Plus programme.
- Implemented by MNRE-RED with UNDP and SPREP.
- This important project is not only to demonstrate that waste can be used to generate energy by the production of biogas, but also to contribute to Samoa's 100% renewable electricity goal by the year 2025. In addition, more waste being converted to energy would mean that Samoa's greenhouse gas emissions are being reduced as more of these waste to-energy projects are implemented within the community.
- The invasive climbing vine, merremia peltata, which has covered most of the village's land areas is one of the main feedstocks for the biogas plant. Moreover, the village can use any other organic waste including animal manure to feed the biogas digesters for biogas production.
- Previous contractor, Samoa Biogas Systems Limited (SBSL) failed to have their contract renewed due to non-deliverables and other issues pertaining to the project.
- New contractor, Samoa Superior Poly Products (SSPP) was hired to construct the biogas plant and complete this project. Also assisting are biogas experts from China who have travelled to Samoa as consultants to ensure that the system installed will be in the best interests of the Piu community.
- Piu project construction commenced this financial year. Much was accomplished despite frequent heavy downpours which contributed to the delay of the construction works. A number of community consultations including the contractor, UNDP, SPREP and MNRE transpired over the past 12 months to iron out issues and to update everyone involved on the project progress.
- Commissioning and handover of the Piu Biogas Electrification project to be completed within the next financial year.

(iv) Technical Assistance to Address Climate Change (TAACC).

Phase 1 (TAACC-1)

- Funded and donated by the National Development and Reform Commission (NDRC) of the People's Republic of China.
- Implemented by MNRE-RED.
- This first phase of the project provided 2100 sets of energy efficient air-conditioning units in 2013. MoU expired in November 2014, but some air-conditioning units still remained. Residential sectors was held on 23rd Dec 2014.
- An audit carried out by the Audit Office of TAACC1 commenced in January 2015.
- Ongoing monitoring by MNRE-RED of all the recipients who are part of this project from the public, private and residential sectors until all air-conditioning units have been verified and accounted for.
- The report on the findings by the Audit Office with incorporated comments from MNRE has been submitted to Cabinet and tabled with Parliament. It was also part of MNRE's project report discussed at parliamentary sub-committee meetings.

Phase 2 (TAACC-2)

- Funded and donated by the National Development and Reform Commission (NDRC) of the People's Republic of China.
- Implemented by MNRE-RED.
- First shipment of energy-efficient goods included 2500 sets of LED streetlights. Second shipment had 18,000 LED lamp tubes. Third shipment had 500 solar streetlight sets. Official Handover Ceremony was carried out in August 2015.
- MoU has been signed between MNRE and EPC for the installation of the LED grid-connected streetlights around the country. The 2500 sets of LED streetlights have been given to EPC who will be in charge of installing these energy-efficient lights.
- The 500 sets of solar streetlights were distributed by RED-MNRE to public places such as the Malaefatu kids' playground, reserve area opposite Sheraton Aggie's Matautu, Meteorology office at Mulinuu, Public walkway by the Mulivai cathedral, etc. The rest of these solar-powered streetlights were distributed to schools and church communities from around Upolu and Savaii. The number of lights awarded to the schools and church communities was finalized following a site visit to these premises. These communities are responsible for all the installation costs.
- MNRE-RED has since received quite an enormous amount of request letters from other schools and church communities. Currently seeking funds to procure more of these lights for the next financial year as communities have attested to how they can help save money and ensure the safety of their children as well as their assets.

(v) Intended Nationally Determined Contributions (INDC)

- Funded by the European Commission through the United Nations Development Programme (UNDP).
- This project is the formulation and submission to the United Nations Framework Convention of Climate Change (UNFCCC), of Samoa's commitment to the global community of its greenhouse reductions to be achieved by 2025. Samoa's INDC is to have 100% of its electricity produced from renewable energy sources by the year 2025 and beyond.
- The INDC implementation strategy was launched during the commemoration for the National Energy Day celebrated in Savaii on 16th December 2016.

EU-funded Biogas

- Funded by the European Union Water and Sanitation Sector Support Programme (EU-WSSSP) through the Water and Sanitation Coordination Unit (WSCU) within MNRE.
- Implemented by MNRE-RED.

a) Biogas Feedstock Study

- The biogas feedstock study contract was awarded to the Scientific Research Organization of Samoa (SROS) as they are the only accredited laboratory in Samoa for carrying out the test required. The feedstock study will analyze various types of feedstock available locally for the production of biogas, as well as identifying the appropriate combinations of various feedstocks to produce the maximum amount of biogas.

- The advantages of biogas production is two-fold because not only is it a waste management strategy but it also creates clean energy which is safe for the environment. Furthermore, it can also be an income-generating activity for larger projects in some communities.
- The results and final report of the feedstock study were presented by SROS to the Water and Sanitation Review in November 2016. Their final reports were also submitted to MNRE-RED and MNRE-WSCU for final payment processes.

b) Small Biogas Cooking projects

- The Vaitele-Fou EFKS community was the chosen community for this financial year FY16/17. A biogas system was procured for the church community whereby septic waste is mixed with food waste to produce biogas for cooking.
- Construction works have commenced with the aim to have the system launched and used by the Vaitele-Fou EFKS church community by next financial year.
- RED-MNRE aims to assist the nuns at Mapuifagalele with a biogas project in the next financial year.



Vaitele-Fou biogas project

(vi) National Energy Day 2016

- Celebrated on the 16th December 2016 in Savaii with the theme “100% renewable electricity for Samoa” which is in line with Samoa’s INDC of aiming to generate all of the electricity from renewable energy sources.
- Samoa INDC Implementation Strategy was officially launched.

(vii) Other Public Awareness

- MNRE-RED has had a successful awareness programme this financial year. Following the National Energy Day in December 2016, the school awareness programme continued into the latter half of FY16/17.
- Other forms of public awareness have included the NAMA and INDC ads being televised on TV1 and TV3.
- Primary schools and colleges from Savaii visited Upolu. Presentations on Renewable Energy and the types or sources available locally that Samoa can harness in order to achieve its INDC of 100% renewable electricity by 2025 and beyond.



A presentation on the advantages of the use of Solar Energy



Students of Vaovai Primary School listening attentively about Renewable Energy presentations.



A student engages by answering a question during a Q and A session.



Official handover of electric scooters to LTA.

Output 2: Ministerial Support

“Provide secretarial and administrative support to the Minister”

Table extracted from the Finance One System for all Outputs.

| 2820 - Ministerial Support | Actuals | Commitments | YTD | Utilisation % | Budget | Funds Remain | YTD Budget | Original Budget |
|----------------------------|----------------|-------------|----------------|---------------|----------------|--------------|---------------------|-----------------|
| Personnel | 129,322 | - | 129,322 | 74% | 175,306 | | | 573,493 |
| Operating | 330,013 | - | 330,013 | 96% | 342,376 | 12,363 | | 126,754 |
| Capital | 58,142 | - | 58,142 | 120% | 48,365 | -9,777 | | 40,800 |
| Total | 517,478 | - | 517,478 | 91% | 566,047 | 2,586 | \$566,046.92 | 741,047 |

Table extracted from the Ministry Budget Full Year Review submitted to the Ministry of Finance (FY16/17) for all Outputs

| Performance Measure/ Indicator | Budget Standard or Target | Traffic Light Progress Indicator | Comments |
|---|------------------------------|-------------------------------------|---|
| Level of satisfaction of the minister with ministerial support provided by the ministry | 100% | Completed/ Achieved | Board Meetings; Office support: Travel and Meetings |
| Number of visits conducted by minister and High level meetings attended. | 26 | Completed/ Achieved | 7 National events attended By Minister: Ministerial Meetings; COP Meetings: |

Human Resources:

1st Secretary
2nd Secretary
1 Office Assistant
Driver

Quantitative Performance

Support services provided during the year include :

- Screened all visitors who sought audiences with the Minister.
- Arranged appointments
- Arranged weekly de-briefing sessions with the CEO
- Arranged Minister's Board Meetings;
- Attended to clients on the phone, through correspondences, or in person
- About 500 correspondences typed and filed;
- About 300 Cabinet submissions prepared and submitted for the Minister
- Administrative Services
- Arranged Minister's local trips and inspections;
- Prepared and arranged 14 official functions;
- Arranged 20 overseas trips for ministerial meetings and international conventions, these included COP meetings, regional and international meetings



*World Water & Forest Day: Promoting & Sharing Environmental Information
(NUS Fale; 12 April 2017)*



*World Water Leaders Summit and Water Convention
(Singapore; 10-15 July 2016)*

Council Meeting, Ministerial Conferences etc:

- Prepared ministerial briefs;
- Efficient and effective running of the office.

Table 1: Summary of Meetings/ Overseas

| | |
|--|----|
| Number of briefings conducted with the Sector CEO | 43 |
| Number of Sector Senior Management Meetings | 9 |
| Number of Board Meetings (5 Board) + Special Meetings | 52 |
| Number of International Conferences attended by the Minister | 12 |
| National and Regional conferences hosted by the Minister | 8 |
| Number of official functions and key official functions in which the Minister officiated | 14 |

Ministerial Meetings

Meetings Attended by the Minister

| | 2016 Meetings | Date | Country |
|---|--|---|------------------------|
| 1 | World Humanitarian Summit | 23 - 24 May 2016 | Istanbul, Turkey |
| 2 | SPC Emerging Leaders Development Programme | 8-9 June 2016 | Suva, Fiji |
| 3 | World Water Leaders Summit | 10-12 July 2016 | Singapore |
| 4 | The Thirteenth meeting of the Conference of the Parties (COP 13) (COP 13) to the Convention on Biological Diversity | 2-3 December 2016 4-17 December 2016 | Cancun, Mexico |
| | 2017 Meetings | Date | Country |
| 1 | India-Pacific Islands Sustainable Development Conference | 25-26 March 2017 | Suva, Fiji |
| 2 | The Fourth International Conference of Small Island Developing States | 16-21 March 2017 | Dakhla, Western Sahara |
| 3 | Climate Action Pacific Partnership (CAPP) Event | 3-4 July 2017 | Suva, Fiji |
| 4 | Leadership Development Program (LDP) and Whale Conference. | 11-12 July 2017 | Suva, Fiji |

Meetings Attended by the Associate Minister

| | 2016 Meetings | Date | Country |
|---|---|----------------------|---------------------|
| 1 | The second UN Environment Assembly (UNEA-2) Theme: 'Delivering on the environmental dimension of the 2030 Agenda for Sustainable Development.' | 23-27 May 2016 | Nairobi, Kenya |
| 2 | 27th SPREP Meeting of Officials and Ministers | 17-22 September 2016 | Alofi, Niue |
| 3 | 28th Meeting of the Parties to the Montreal Protocol | 6-12 October, 2016 | Kigali, Rwanda |
| 4 | Seventh Regional 3R Forum in Asia and the Pacific | 2-4 November 2016 | Adelaide, Australia |



*World Humanitarian Summit
(Istanbul, TURKEY; 23 - 24 May 2016)*



*Pacific Regional Campaign to 'Protect Pacific Whales: Ocean Voyagers' Samoa
(SPREP: Apia, SAMOA; 15 April 2016)*



*Crans Montana Forum on Africa & South-South Cooperation
(Dakhla, MOROCCO; 16 - 21 March 2017)*



*Thirteenth Session of the Conference of the Parties (COP 13)
(Cancun, MEXICO; 2-3 December 2016)*

Output 3: Land Management

Table extracted from the Finance One System for all Outputs.

| 2830 - Land Management | Actuals | Commitments | YTD | Utilisation % | Budget | Funds Remain | YTD Budget | Original Budget |
|------------------------|------------------|-------------|------------------|---------------|------------------|--------------|-----------------------|------------------|
| Personnel | 927,260 | - | 927,260 | 98% | 948,582 | | | 1,012,582 |
| Operating | 135,739 | - | 135,739 | 95% | 142,450 | 6,711 | | 78,450 |
| Total | 1,063,000 | - | 1,063,000 | 97% | 1,091,032 | 6,711 | \$1,091,032.08 | 1,091,032 |

Table extracted from the Ministry Budget Full Year Review submitted to the Ministry of Finance (FY16/17) for all Outputs

| Performance Measure /Indicator | Budget Standard or Target | Traffic Light Progress Indicator | Comments |
|---|---------------------------|----------------------------------|---|
| Number of applications for government land leases, land taken for public purposes and reclamations approved by Land Board. | 200 | Completed/ Achieved | The Land Board received 210 applications for different matters associated with government lands. However not all of these applications are tabled to the LB as other matters are dealt with CEO and ACEO. Some applications not resolved as it requires more information and advice form other authorities prior to a solution. |
| Number of application for valuation processed and approved | 150 | Incomplete | Drop in numbers with valuation applications; Valuation works outsourced to the private sector; MNRE as per Land Valuation Act 2010, with the focus on monitoring and regulatory; mainly government works such as land compensation |
| Number of instruments registered and approved which complied with the Land Titles Registration Act 2008. | 2000 | Completed/ Achieved | Received 2827 instrument for the last financial year 2016/17, 2803 dealings already approved except 24 instruments the process still ongoing |
| Number of Land claim applications reviewed and approved | 5 | Partially Achieved | 6 applications received, 2 already investigated and delivered decisions and 4 are in the process |
| Number of burial plots allocated | 50 | Completed/ Achieved | 56 applications received for the last financial year 2016/2017. Tafaigata = 29 applications, Vaiale = 19, Magiagi = 6 & Tufuioipa = 2. |
| Critical landscapes under conservation/ rehabilitation measures through integrated SLM practices | 5 pilot sites | Completed/ Achieved | Five (5) critical landscapes under conservaton & rahabilitation measures through application of integrated sustainable land management and application of good agriculture practices (SLM-GAP): Three (3) of those are the Key Biodiversity Areas KBA undertook Rapid Biodiversity Assessment (BIORAP2016) with village and government official engaged as part of the capacity building in biodiversity survey skills; One (1) critical area under ecological restoration from invasive species infestation re Mt Vaea Forest Reserve; One (1) degraded watershed critical area now turn into Biodiversity Park (BioPark) initiative through restoration efforts by re-planting with native tree seedlings; Four (4) villages with SLM Plans finalised: Safaatoa, Samamea, Apolima-tai and Uafato; Three (3) sets of SLM Train of Trainers (TOT) training conducted for Aleipata district, Tiavea and Magiagi village; Four (4) Community-based Training (CBT) conducted for Tiavea, Magiagi & Taga for Upolu, and Gagaemauga No.I & II ma Gagaifomauga No. II districts for Savaii. |
| Numberof stamp duty applications processed and approved | 250 | Completed/ Achieved | There were 350 instruments (transfers) submitted to the Ministry for stamp duties. It is expected to increase when all the land related instrument such as mortgage, leases, discharges of mortgages etc will be transferred to the Ministry |
| Numberof applications for sandmining, scoria mining, sea reclamations and applications for temporary use of government land for billboards,banners and stalls processed and approved. | 150 | Incomplete | 33 sandmining applications received and approved, 63 stalls approved, 9 reclamations received and 2 billboards approved. |
| Numberof applications for custmary land leases and licenses processed and approved | 15 | Completed/ Achieved | 26 new leases for this finanacial l year 2016-2017 |
| Number of consultations conducted with community on promoting economic use of customary lands | 10 | Incomplete | 9 Consultations completed with funds allocated, now awaiting for ADB's Funds to complete the last 2 consultations, then provide a report for all consultations |
| Number of UNCCD NAP consultations conducted on the national and community levels for sustainable land management (SLM) | 10 | Completed/ Achieved | NAP was completed in 2015, Promoting SLM practices are continued under the SMSCL Project |

Sub Output 3.1

Customary Land Lease Section

3.1.1 Management of Customary Land Leases & Licenses

The Customary Land Lease Section by mandate is responsible primarily for the administration of customary lands through the licensing and leasing systems, on behalf of the Minister, who is the sole trustee for beneficial owners of customary lands in accordance with the provisions of the Alienation of Customary Land Act 1965.

In the current financial year, the following tasks were carried out by the section in accordance with its mandate under the Alienation of Customary Lands Act 1965;

- 25 site inspections of new and current customary leases in both Upolu and Savaii;
- 28 mail delivery of rental advices, meetings and decisions on customary lands;
- 25 publications of new leases in Savali Newspapers;
- Conduct meetings with new lessees and new land owners on determining the conditions of lease agreements for lessor's endorsement;
- Preparation of Legal documentation of new leases.
- Ongoing update of customary lands database.
- Ongoing update, scanning and sorting into chronological order of current and new customary land lease files for efficiency purposes and ease of file retrieval.
- Renew and update all files for Private Ventures (PVs) published in Savali Newspapers.
- Conduct meetings with Beneficial Owners on ways to motivate and encourage the economic use of their customary lands that are largely underutilized and unused
- Collaborate with CLAC as a counterpart to facilitate public meetings with customary landowners in publicizing as well as promoting the economic use of customary lands in Samoa for the benefits of landowners

Revenue from the 5% Commission in Leasing Customary Land and other services for period 2016 – 2017 compared to 2015 – 2016.

| Year 2015 | | Year 2016 | |
|----------------|--------------------|----------------|---------------------|
| Months | Revenue | Months | Revenue |
| July 2015 | 16,376.72 | July 2016 | 15,015.57 |
| August 2015 | 6,468.97 | August 2016 | 6,681.37 |
| September 2015 | 6,565.87 | September 2016 | 3,674.71 |
| October 2015 | 5,101.77 | October 2016 | 4,565.03 |
| November 2015 | 4,076.07 | November 2016 | 5,359.76 |
| December 2015 | 3,792.12 | December 2016 | 2,996.18 |
| Total | \$42,381.52 | Total | \$ 38,292.62 |
| Year 2016 | | Year 2017 | |
| Months | Revenue | Months | Revenue |
| January 2016 | 2,557.76 | January 2017 | 4,279.93 |
| February 2016 | 2,996.18 | February 2017 | 3,240.34 |
| March 2016 | 2,468.75 | March 2017 | 3,134.51 |
| April 2016 | 2,867.88 | April 2017 | 1,196.41 |
| May 2016 | 2,419.87 | May 2017 | 3,442.71 |
| June 2016 | 2,833.15 | June 2017 | 3,158.12 |
| Total | \$16,143.59 | Total | \$ 18,449.02 |
| Other | | Other | |

| Paper work | 400.00 | Paper work | \$6,565.00 |
|---------------------------------|--------------------|---------------------------------|--------------------|
| Lease Publication | 2,200.00 | Lease Publication | \$2,500.00 |
| Total | \$2,600.00 | Total | \$9,065.00 |
| FY 2015 – 2016 Total Revenue | | FY 2016 – 2017 Total Revenue | |
| 2015 Revenue | 42,381.52 | 2016 Revenue | 38,292.62 |
| 2016 Revenue | 16,143.59 | 2017 Revenue | 18,449.02 |
| Other Revenue | 2,600.00 | Other Revenue | 9,065.00 |
| Grand Total: | \$61,125.11 | Grand Total: | \$65,806.64 |

There is a slight increase in revenue earned for this financial year 2016 -2017 compared to financial year 2015 -2016 for leasing customary lands. This is due to the effectiveness and timely payment of leases as reflected in the last financial year. Another indication of the increase is the additional number of current and new leases being documented and publicised at Savali newspaper as well as new leases validation that are paid and withdrawn in this current financial year compared to last financial year.

New Leases

There were 25 leases advertised in the Savali for financial year 2016 – 2017 and 23 were confirmed without objection while 2 remained at Lands and Titles Courts for hearing and determination of the rightful beneficial owner.

| Types Of Lease | 2016 – 2017 | | |
|--------------------|-------------|-----------|-----------|
| | Savaii | Upolu | Total |
| Govt ministry/Corp | 0 | 1 | 1 |
| Churches | 4 | 9 | 13 |
| Hotels | - | 3 | 3 |
| Companies | 1 | 7 | 8 |
| Total | 5 | 20 | 25 |

A significant variance or difference in the number of new leases in Upolu compared to Savaii is also observed in this reporting period. This is due to developments in terms of infrastructure and social services such as better welfare for people that are mainly concentrated and/or centralised in Upolu. This has largely attracted people to move and build churches and initiate developments with certainty from time to time. This situation is reflected in 20 new leases for Upolu compared to only 5 from Savaii. Much more developments are needed for Savaii in order to attract investors, companies and businesses to operate as is done for and in Upolu.

The Customary Land Lease section is counterpart to the Customary Land Advisory Commission (CLAC) in its support role in leasing customary lands to both local and foreign investors which CLAC continues progressively to promote through the economic use of customary lands in Samoa. The main focal drive behind this movement is economic growth not only for Samoa as a country but are perceived as largely beneficial to landowners of customary lands and their extended families.

3.1.2 Secretariat to Customary Land Advisory Commission (CLAC)

Promoting the economic use of customary lands is the primary task or core function of the CLAC and it is significantly seen as

a vehicle for improving the economic fabric of the country by encouraging the opening up of this type of land tenure market for foreign investments. Customary land comprises the majority of lands in Samoa or about two-thirds of land composition in Samoa at roughly 81%. These lands are largely underutilized and are therefore in dire need for use as collateral to ensure not only a sustained economy for Samoa in the long run but more importantly beneficial to landowners and their extended family members. With this mindset behind government thinking, it then led primarily to the establishment of the Customary Land Advisory Commission (CLAC) as a seven year project to deal directly with the promotion of customary lands through licensing and leasing purely for purposes of enhancing economic development of customary landowners and the rural communities.

The CLAC under its mandate reports direct to the Cabinet through the Minister of MNRE and the following records its official contribution to the work of the Land Management Division of the Ministry.

Progress of Customary Land Advisory Commission's (CLAC);

The Project on Promoting the Economic Use of Customary Lands is continuing on its Phase 1 and Technical Assistance funded by the Asian Development Bank(ADB). The following are the Consultants provided under this TA:

- The Project Manager
- The Consultation and Communications Consultant
- The International Legal Consultant
- The Local Legal Consultant

The current Commissioners appointed by Cabinet under the CLAC Act 2013 are:

- Chairman : Seamalepua Oloialii Ailuai
- Member : Tusani Iosefatu Reti
- Member : Alaifea Laitititi Belford

These annual allowances of the Commissioners as well as the staff salaries of the CLAC secretariat are funded under the MNRE local budget. MNRE also by obligation under the CLAC project is responsible for the office space of the CLAC secretariat. At present, the CLAC secretariat is currently housed at the MNRE Tamaligi Office and is attached as part of the Ministry under the Land Management Division through the Customary Land Lease section as its counterpart.

- Secretary (Principal Officer level)
- Assistant Secretary (Senior Officer Level)

The MNRE Management are represented in the Project by:

- CEO MNRE
- ACEO LMD
- ACEO Legal

Sub Output 3.2

Government Land Lease Section

The section's goal is to to effectively and efficiently administer the sustainable management of government lands on behalf of the Land Board. Its mandatory core function is to provide, secretariat services to the Land Board.

The Land Board is a statutory board established originally under the Land Ordinance 1959, and later enacted under the Lands, Survey and Environment Act 1989. Its duties include

the administration, management, development, alienation, settlement and protection and care of Government lands or public lands in Samoa.

3.2.1 Management of Government Lands

The Government lands are managed by the Land Board in accordance with Parts I to VII of the Lands, Surveys and Environment Act 1989.

Activities in the financial year 2016 - 2017

- Prepare and provide secretariat support for 12 Land Board meetings and 2 Special meetings.
- Advertise, receive and process applications to lease government lands.
- Prepare and process unregistered leases with the new system of land registration.
- Land exchange as approved by the Board
- Taking of lands required for public purposes
- Procure Contract to carry out construction works for Salelologa Township Roads with the assistance of LTA.
- Inspections of all government land in Upolu and Savaii.
- Collect rental payments for all government land leases
- Supervision and maintenance of cemetery subdivision at Maagiagi, Tufuiopa, Vaimoso, Tafaigata and Vailele
- Process applications for burial plots
- Carry out negotiations with Aleisa subdivision on government lease lands

3.2.2 Procurement of Contract for Road Construction – Salelologa Township.

One of the activities carried out in this financial year was the construction of one of the access roads for government land at Salelologa. The work was carried out by the Land Transport Authority and the Ministry through the Land Board.

| Location | Selected Bidder | Costs |
|-----------------------------|---------------------------------|--------------|
| Salelologa – Falesafai Road | Big Island Construction Company | \$393,778.31 |

Land Board Meetings 2016-2017

| FY 2016-2017 | # New Application Tabled | # of Application Approved | # of Application Decline | # of Application Deferred |
|--------------|--------------------------|---------------------------|--------------------------|---------------------------|
| Total | 90 | 40 | 15 | 35 |

The total applications that had thus far lodged to the Board Meetings in this financial year includes application for leased lands, permits to use government land for different activities on temporary basis.

Most applications approved include the assignment of leases, surrender of leases, a permit to use part of government lands for signs and other minor activities. Other applications were deferred to other board meetings to discuss a final decision.

**Revenue from government land leases
(FY July 2016 – June 2017)**

| Summary | Total (SAT) |
|-----------------------|----------------------|
| Aleisa | 162,906.24 |
| Tanumalala | 37,467.00 |
| Miscellaneous | 470,548.66 |
| Reclamation | 72,268.00 |
| Salelologa | 45,318.00 |
| Nuu | 3,000.00 |
| Toomatagi | - |
| Afiamalu | 3,657.78 |
| Tiavi | 1,644.00 |
| Laloanea | 18,000.00 |
| Motootua | - |
| Apia Park | 5,844.00 |
| Other Fee(tender etc) | 945.00 |
| Paper Work | 15,425.00 |
| Total | \$ 837,023.68 |

The main source of revenue for the section is the collection of rental payments for land leased to the public at the following subdivisions: - Afiamalu, Aleisa, Apia Park, Laloanea, Land reclamations, Miscellaneous (government lands in and surrounding the Apia area), Motootua, Nu'u, Salelologa, Tanumalala, Tiavi, Toomatagi. As expected, the revenue is considerably higher in the first two (2) months of the fiscal year as most of the rents for the leases are due by July of each year (that is, the beginning of a fiscal year). Based on the records provided, there is significant decrease in the total revenue for 2016 -2017 compared to 2015-2016 which managed to collect \$1,044,338.83 compared to this year. Some of the key reasons for such drop is due to the fact that some leases were paid in advance in the previous financial year.

Moreover, the other area with the highest collection is the Miscellaneous as most of the new leases issued for hotel development have paid up the lease charges for the previous financial year. Collection of lease payments for Afiamalu and Tiavi were not compulsory as these areas have been approved by the Land Board to be taken as reserves for water catchment. In addition, some of the lessees paid their lease charges way in advance and this has lead to no lease payment for the current financial year.

Revenue Collected from Burial plots

| Location | Revenue |
|----------------------|--------------------|
| Tafaigata | 10,700.00 |
| Vailele | 10,000.00 |
| Magiagi | 600.00 |
| Tufuiopa | 200.00 |
| Total Revenue | \$21,500.00 |

The revenue collected from burial plots has also decreased significantly in this financial year for the four (4) different sites by some 35%. That is, the last financial year raised about \$32,800.00 and this year, the revenue collected from the plots was only \$21,500.00. On a positive note, this may largely due to the significant drop in the number of deaths for Samoa in this financial year or an indication that families still preferably opt to bury their people on own land.

Total Revenue collected during financial year July 2016-June 2017

| Source of Revenue | | Amount |
|---------------------|----------------|---------------------|
| 1 | Lease Payments | 837,023.68 |
| 2 | Burial plots | 21,500.00 |
| Total Amount | | \$858,523.68 |

In total, the revenue that the government land lease section has managed to collect in this financial year is \$858,523.68 which again reflect a significant drop compared to last year's total revenue of \$1,077,138 .

Sub Output 3.3 Land Development Section

The core function of the Land Development Section is to provide policy advice to the CEO through the ACEO LM as per required from time to time by the Minister on all land development activities, issues and matters with regards to the use of lands by ensuring that land-based resources are sustainably developed and managed through the employment of sustainable land management approaches and practices.

Activities performed by the section:

1. Coordinate and facilitate the development of the current Land/Soil Resource Management Bill
2. Responsible for the subsequent review of the existing national landuse policy 2004 including the need for review of policies on the use of land-based resources and minerals such as sand, silt, scoria and land development activities such as reclamations and stalls
3. Develop new and strengthen existing regulatory and monitoring systems for resource use and land development activities.
4. Administer and regulate sand mining, scoria mining, reclamations and other development activities on government lands through the permit system.
5. Efficient administration of the temporary utilization of government lands and reserves such as stalls, billboards and banners
6. Effective administration and coordination of UNCCD implementation at the national level with stakeholders
7. Provides counterpart support to the Project Management Unit (PMU) of the GEF-5 SMSMCL Project.

3.3.1 Policy Development and Implementation

The section took a leading role to coordinate and facilitate the development of the Land/Soil Resource Management Bill as part of the RIO Project component which is now with the AG for drafting prior to national consultations of the Bill at all levels of society and sectors at the national level.

The review of the sandmining and reclamation policies are currently on hold until after the Land/Soil Resource bill is finalized to see if there are gaps identified to be addressed or a need still for issues of sandmining and reclamation concerns to be fully addressed and informed through a revised policy.

At the moment, there is a high likelihood that a regulation may ensue from this legislation which may help captured and/or addressed all the gaps and concerns often arise out of sandmining and other mining activities from ridge to reef, in general.

3.3.2 Sandmining Operations

Table 1. Revenue collected from Sandmining Operations

| Months | Commercial | | | | Individual | | | | Total | |
|--------------|---------------------|-------------|--------------------|--------------------|---------------------|-------------|-------------------|-----------------|--------------------|--------------------|
| | # of Permits Issued | | Revenue | | # of Permits Issued | | Revenue | | Financial Year | |
| | 2015 - 2016 | 2016 - 2017 | 2015 - 2016 | 2016 - 2017 | 2015 - 2016 | 2016 - 2017 | 2015 - 2016 | 2016 - 2017 | 2015-2016 | 2016-2017 |
| July | 1 | 3 | 2,000.00 | 7,860.00 | 0 | 2 | 0 | 45.00 | 2,520.00 | 7,905.00 |
| Aug | 0 | 0 | 0 | 0 | 4 | 5 | 640.00 | 375.00 | 530.00 | 375.00 |
| Sept | 0 | 1 | 0 | 1,680.00 | 5 | 3 | 365.00 | 375.00 | 465.00 | 2,055.00 |
| Oct | 0 | 0 | 0 | 0 | 2 | 1 | 125.00 | 250.00 | 125.00 | 250.00 |
| Nov | 1 | 1 | 3,000.00 | 1,680.00 | 0 | 3 | 0 | 110.00 | 3,000.00 | 1,790.00 |
| Dec | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan | 3 | 0 | 2,625.00 | 0 | 1 | 0 | 20.00 | 0 | 2,645.00 | 2,645.00 |
| Feb | 0 | 1 | 0 | 1,680.00 | 0 | 1 | 0 | 20.00 | 0 | 1,700.00 |
| Mar | 1 | 1 | 820.00 | 5,000.00 | 5 | 4 | 95.00 | 160.00 | 915.00 | 5,160.00 |
| April | 3 | 0 | 3,940.00 | 0 | 1 | 4 | 100.00 | 235.00 | 4,040.00 | 235.00 |
| May | 1 | 0 | 1,000.00 | 0 | 2 | 3 | 50.00 | 250.00 | 1,050.00 | 250.00 |
| June | 0 | 1 | 0 | 1,660.00 | 3 | 1 | 160.00 | 25.00 | 160.00 | 1,685.00 |
| Total | 10 | 7 | \$13,385.00 | \$19,560.00 | 23 | 27 | \$1,555.00 | 1,705.00 | \$15,290.00 | \$21,265.00 |

Applications for obtaining permits to mine sand in this financial year showed 7 commercial operators whose mining operations focus entirely on commercial gains whilst 27 applicants were for individual and private development works.

A slight increase in revenue collected in this year is observed for both individuals/communal developments and commercial operators.



Sandmining site at Malaemalu

3.3.3 Reclamation Applications

Table 2. Revenue collected from Reclamation Works

| Months | Applicants | | Revenue | |
|--------------|-------------|-------------|-------------------|-------------------|
| | 2015 - 2016 | 2016 - 2017 | 2015 - 2016 | 2016 - 2017 |
| July | 0 | 1 | 0 | 500.00 |
| August | 0 | 0 | 0 | 0 |
| September | 1 | 1 | 500.00 | 500.00 |
| October | 2 | 1 | 1,000.00 | 500.00 |
| November | 1 | 0 | 500.00 | 0 |
| December | 1 | 0 | 500.00 | 0 |
| January | 0 | 1 | 0 | 500.00 |
| February | 0 | 1 | 0 | 500.00 |
| March | 0 | 0 | 0 | 0 |
| April | 2 | 1 | 1,000.00 | 500.00 |
| May | 0 | 0 | 0 | 0 |
| June | 0 | 0 | 0 | 0 |
| Total | 7 | 6 | \$3,500.00 | \$3,000.00 |

Table 2 shows that 6 applications lodged in for reclamation works within the financial year 2017 compared to 7 applicants in the year 2015-2016. A loss of \$500.00 from revenue collected in this year 2017.

However, the main issue with reclamations is not so much of revenue earned per se but it is more to do with the number of applications that have been considered approved, declined or deferred due to further submissions of required evidence to support the issuance of reclamation permits.



Reclamation at Suifaga - Amoa Resort



Close up view of the reclamation at Amoa Resort

3.3.4 Stall, Banners & Billboard Applications

The administration of temporary stalls, banners and billboards and other activities using government lands and reserves around the town area continues to be managed by the Land Development Section. As shown in the Table below, about 65 vendors lodged their applications to set up their stalls on government lands and often either at Mulinu, Malaefatu Reserve or Elele-fou around the town area. Each of the 65 vendors was issued with a permit to solicit their vending operations in this financial year.

Table 3. Number of stall permits issued in FY 2016-2017 compared to FY 2015-2016

| Months | Stalls Operations on Government Lands | | | |
|--------------|---------------------------------------|-------------|--------------------|--------------------|
| | # of Permits Issued | | Revenue | |
| | 2015 - 2016 | 2016 - 2017 | 2015 - 2016 | 2016 - 2017 |
| July | 0 | 5 | 0 | 115.00 |
| August | 1 | 8 | 6,700.00 | 265.00 |
| September | 4 | 3 | 70.00 | 30.00 |
| October | 6 | 9 | 960.00 | 2,100.00 |
| November | 13 | 5 | 1,105.00 | 900.00 |
| December | 8 | 2 | 1,390.00 | 1,100.00 |
| January | 8 | 2 | 400.00 | 9,800.00 |
| February | 9 | 0 | 310.00 | 0.00 |
| March | 3 | 11 | 165.00 | 1,800.00 |
| April | 5 | 2 | 500.00 | 1,810.00 |
| May | 9 | 17 | 230.00 | 1,265.00 |
| June | 25 | 2 | 675.00 | 460.00 |
| Total | 91 | 65 | \$12,505.00 | \$19,645.00 |

A significant increase by about \$7,140.00 in the revenue collected this year compared to the last financial year is observed.

This is explained by a number of private/community/church organizations (WIBDI, Youth Council, Catholics, Methodists, EFKS and LDS) and the media (TV1, TV3 and EFKS) as well as telecom businesses such as Digicel and Bluesky also requested the use of the entire elele-fou land for market days and fees for these types of uses range from \$100 or \$200/day - \$1,000 - \$3,000/week or two.

However on average for a normal day, vendors are charged for \$10 up to \$30 per day depending on the nature of operation and how much space would be taken up by an proposed activity.

Table 4. Number of permits issued in the FY2016 - 2017 compared to previous FY 2015 - 2017

| Permit Issued | | Revenue | |
|---------------|-----------|-------------|-----------|
| 2015 - 2016 | 2016-2017 | 2015 - 2016 | 2016-2017 |
| 6 | 2 | \$1,750.00 | \$500.00 |

A significant drop in the revenue from this landuse activity this year is largely notable compared to the last financial year. The huge discrepancy in revenue received between the last and the current financial year with the last financial year 2015-2016 performing better than the current one is rather explained by the March 2016 election campaigns. Several candidates who ran for the 2016 election applied for

license at the time to erect billboards, signs and banners on government lands such as road reserves for campaign purposes and each sign or billboard was priced at reasonably low cost on a short-term basis or maximum of one month only or less. The drop also in revenue for this financial year is to do more with the Teuila and Independence stall operations being moved to the management of the STA and the Independence Committee under the MOF. That is, revenue collections from both Teuila and Independence are no longer the responsibility of the MNRE through our section.

This financial year only managed to bring in \$500.00 from 2 approved billboards and each worth 250.00 for a duration of one year. The owners of each billboard is leasing the land space for their billboards or signs for five years only.

3.3.5 United Nations Convention to Combat Desertification (UNCCD).

This Section also plays a key role as the focal point coordinator for the implementation of the United Nations Convention to Combat Desertification (UNCCD) at the national level, and it focuses particularly at addressing in general land degradation concerns in Samoa.

In principle, the Land Development section is the actual counterpart to the full-sized UNCCD-GEF fully-funded project; Strengthening multi-sectoral management of critical landscape' (SMSMCL), through the UNDP as GEF's executing agency to facilitate its implementation and the management of its funds in collaboration with the Ministry of Finance (MOF) at the national level.

Sub Output 3.4 Land Registration Section

3.4.1 Management & Provision of Land Registration Services

Samoa lands are divided into three main categories; Government Land, Customary Land and Freehold Land. These categories have different percentage of land covered. The majority of Samoa lands is under customary lands at about 81%, government land is 14% and freehold land covers at only 5%.

These figures were determined about eight decades ago, and it is believed that Samoa lands have undergone significant changes to its composition and landscapes and that there is major shift in the land tenure of some of the lands due to current land dealings between the lessors and the lessees. It is on this note, that the land related divisions (LMD & TSD) undertake another survey to identify the existence of different types of land tenure existing especially the change in its composition.

The new computerized registration system is very efficient to use in response to the needs of the people. Work continues to input old information and scanned images of old records into the new software. The main aim is to ensure that all information is fully recorded for future references.

Performance Measures and Indicators:

The following are some of the achievements.

1. *Efficient land registration service*

- Under the Ministry Service Charter, there are five working days given for work processing but usually completes in one or two days.
- For all urgent matters, it can be completed, sign and release directly upon receivable.

2. *Maintenance of existing land records secured.*

- Conversion and scanning of old information and records to the new system are continuing.
- As shown in the table 1: the amount of internal service, that's the number of new folio created from subdivided land.
- To preserve old records to make sure it can be used for another decade.

Table 1. Internal Service 2016/2017

| Services | | Lodged |
|----------|--------------------------------------|--------|
| 1 | Cancel Easement | 1 |
| 2 | Cancel Memorial | 18 |
| 3 | Cancel Miscellaneous | 3 |
| 4 | Cancel Mortgage under Power of Sales | 35 |
| 5 | Cancel Title | 216 |
| 6 | Change Estate Type | 2 |
| 7 | Convert to Title | 40 |
| 8 | Correct registry | 231 |
| 9 | Correct Registry Cancel Right | 150 |
| 10 | Create New Folio | 766 |
| 11 | Lapsed Caveat | 11 |
| 12 | Record Easement | 4 |
| 13 | Record Memorials | 26 |
| 14 | Record Proclamation | 7 |
| 15 | Remove Court Order | 3 |
| Total | | 1513 |

Update Land Registration Database & Records established.

Table 2 shows application received for registration in this financial year 2016/2017 and all transaction in this table paid a fee of \$100.00 each

| | Instrument | Lodge 2016/2017 | Outstanding 2015/2016 | Total | Registered 2016/2017 | Requisition | Ongoing | Cancel | Total |
|----|------------------------------|--------------------|--------------------------|-------|-------------------------|-------------|---------|--------|-------|
| 1 | Transfer | 838 | 19 | 857 | 828 | 13 | 8 | 8 | 857 |
| 2 | Mortgage | 847 | 15 | 862 | 835 | 17 | 5 | 5 | 862 |
| 3 | Discharge of Mortgage | 631 | 1 | 632 | 628 | 0 | 3 | 1 | 632 |
| 4 | Variation of Mortgage | 148 | 1 | 149 | 147 | 0 | 1 | 1 | 149 |
| 5 | Transmission | 100 | 6 | 106 | 99 | 3 | 2 | 2 | 106 |
| 6 | Caveat | 49 | 5 | 54 | 47 | 3 | 2 | 2 | 54 |
| 7 | Removal of Caveat | 20 | 1 | 21 | 21 | 0 | 0 | 0 | 21 |
| 8 | Lease Customary Land | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 5 |
| 9 | Lease Government Land | 18 | 0 | 18 | 18 | 0 | 0 | 0 | 18 |
| 10 | Lease Freehold Land | 63 | 0 | 63 | 63 | 0 | 0 | 0 | 63 |
| 11 | Variation of Lease | 5 | 0 | 5 | 3 | 0 | 0 | 2 | 5 |
| 12 | Termination of Lease | 14 | 0 | 14 | 12 | 1 | 0 | 1 | 14 |
| 13 | Court Order | 3 | 1 | 4 | 3 | 1 | 0 | 0 | 4 |
| 14 | Change Right Restriction | 13 | 0 | 13 | 11 | 0 | 1 | 1 | 13 |
| 15 | Power of Attorney | 65 | 4 | 69 | 66 | 1 | 2 | 0 | 69 |
| 16 | Revocation Power of Attorney | 5 | 0 | 5 | 3 | 0 | 0 | 2 | 5 |
| 17 | Standard Memorandum | 3 | 0 | 3 | 3 | 0 | 0 | 0 | 3 |
| | Total | 2827 | 53 | 2880 | 2792 | 39 | 24 | 25 | 2880 |

It is shown in the table above that the total of 2,827 documents was lodged for registration in this FY 2016/17. About 97.5% of this amount is already registered, while the other 2% are on requisition and cancel for not complying with the requirements of the Land Title Registration Act 2008. The other 0.5% was just lodged at the last week of June and continues registration on early 2017/18.

- The Land registration database is another tool to measure the growth and fall of the economics of Samoa.

The table below shows the different of the two financial years 2015/2016 and 2016/2017

| | Instrument | 2016/2017 | 2015/2016 | Difference | 2016/2017 | 2015/2016 | Difference |
|----|------------------------------|-------------|-------------|------------|---------------------|---------------------|--------------------|
| 1 | Transfer | 838 | 780 | 58 | 83,800.00 | 78,000.00 | 5,800.00 |
| 2 | Mortgage | 847 | 661 | 186 | 84,700.00 | 66,100.00 | 18,600.00 |
| 3 | Discharge of Mortgage | 631 | 536 | 95 | 63,100.00 | 53,600.00 | 9,500.00 |
| 4 | Variation of Mortgage | 148 | 148 | 0 | 14,800.00 | 14,800.00 | - |
| 5 | Transmission | 100 | 90 | 10 | 10,000.00 | 9,000.00 | 1,000.00 |
| 6 | Caveat | 49 | 48 | 1 | 4,900.00 | 4,800.00 | 100.00 |
| 7 | Removal of Caveat | 20 | 15 | 5 | 2,000.00 | 1,500.00 | 500.00 |
| 8 | Lease Customary Land | 5 | 15 | -10 | 500.00 | 1,500.00 | 1,000.00 |
| 9 | Lease Government Land | 18 | 29 | -11 | 1,800.00 | 2,900.00 | -1,100.00 |
| 10 | Lease Freehold Land | 63 | 43 | 20 | 6,300.00 | 4,300.00 | 2,000.00 |
| 11 | Variation of Lease | 5 | 4 | 1 | 500.00 | 400.00 | 100.00 |
| 12 | Tremination of Lease | 14 | 20 | -6 | 1,400.00 | 2,000.00 | -600.00 |
| 13 | Court Order | 3 | 6 | -3 | 300.00 | 600.00 | -300.00 |
| 14 | Change Right Restriction | 13 | 4 | 9 | 1,300.00 | 400.00 | 900.00 |
| 15 | Power of Attorney | 65 | 68 | -3 | 6,500.00 | 6,800.00 | -300.00 |
| 16 | Revocation Power of Attorney | 5 | 1 | 4 | 500.00 | 100.00 | 400.00 |
| 17 | Standard Memorandum | 3 | 1 | 2 | 300.00 | 100.00 | 200.00 |
| 18 | Cancel Transimission | 0 | 1 | -1 | - | 100.00 | -100.00 |
| 19 | Miscellaneous | 12 | 4 | 8 | 1,200.00 | 400.00 | 800.00 |
| 20 | Sub Lease | 1 | 2 | -1 | 200.00 | 200.00 | -100.00 |
| | Total | 2840 | 2476 | 364 | \$284,000.00 | \$247,600.00 | \$36,400.00 |

In terms of revenue, it is clearly reflected by calculating 364 applications for registration that the earning for 2016/2017 reasonably exceeds the amount of revenue receipted than the last financial year. However the difference as per made \$36,400.00 is indicative of the fact the development of Samoa is gradually rising in 2016/2017. This can be easily detected by knowing the difference between registered instruments such as Lease, Mortgage and Transfer application.

Other sources of revenue collected are searches enquired by the public whereby we posted fees to be paid by them and registration form used to apply for changes on the register.

Table 4. Searches, Copies & Registration Form

| | Services | 2016/ 2017 | 2015/ 2016 | Difference |
|---|-------------------------------|---------------------|---------------------|--------------------|
| 1 | Searches & Copies | 25, 124.00 | 20, 753.00 | 4,371.00 |
| 2 | Registration Application Form | 13, 895.00 | 11, 955.00 | 1,940.00 |
| | Total | \$39, 019.00 | \$32, 708.00 | \$6, 311.00 |

- For the total revenue received from Land Registration Database shown by the table below

Table 5. Summary of Total Earning 2016/ 2017

| | Sources of Income | 2016/ 2017 | 2015/ 2016 | Difference |
|---|-------------------------------|----------------------|----------------------|---------------------|
| 1 | Instrument for Registration | 284, 000.00 | 247, 600.00 | 36, 400.00 |
| 2 | Searches & Copies | 26, 124.00 | 20, 753.00 | 5, 371.00 |
| 3 | Registration Application Form | 13, 895.00 | 11, 955.00 | 1, 940.00 |
| | Total | \$324, 019.00 | \$280, 308.00 | \$43, 711.00 |

The above table provides a summary of the Total Revenue generated by Source within the reporting period in comparison

to previous Financial Year 2014-2015

- There are internal searches and copies made when requested by the staff for their investigation on land matters as most decision and assessment relied on land information.
- In these cases, we add up to more than 500 official searches and copies released.

Effective implementation of Land Title Registration Computerized System

- This is the Computerized System used for Registration Land Title.
- Easy to locate specific files using Lot and Plan number.
- Easy to locate Historical search of single file through their Lot and Plan numbers
- Locality map accessible on the other side of the Computer Folio Certificated (CFC)
- The system provides a lodgement report of whatever period requested.

Effective Feedback from the public on the land registration system

- Easy to locate and print out information required by clients.
- Money saver as client only has to pay for one page of detail information.

Implementation of Unit Title Registration System

- No plan received for registration
- Need some special training in country and abroad for the staff to be fully equipped for implementing and sustainable of this service in the future.

3.4.2 Secretariat to the Land Commission (LC)

- 1 Secretary to Land Commission (ACEO-LM)
- 2 Assistant Secretary Land Commission

3.4.2.1 Land Ownership

The functions of the Land Commission continues to ensure that all land matters are well managed and impartially investigated for decision and endorsement by the members of the Land Commission.

Sub-Output 3.5 Land Valuation Section

| | Valuation Tasks | Time frame | Expected Outcome |
|------|---|---|---|
| i) | Updating and Monitoring of Formula Valuation System (FVS) | FVS is updated on annual basis. | Provide land information as guideline to land values for all users. |
| ii) | Provide valuation advices for govt. corporations and others | Reports for compensations, insurances, land exchanges, rental/lease assessments. Normally for these sorts of assignments, it requires a time frame of 2-3 weeks. | A minimum fee of \$500 is charged accordingly but can be assess from time to time. |
| iii) | Valuation assessments for individuals and general public. | The ministry is in the process of outsourcing to Private Sector | The Ministry will review and revised queries to resolve any disputes. |
| iv) | Provide valuation advices for Land Board | These assignments usually last up to 2 - 3weeks | These are official tasks |
| v) | Issuance and providing Licenses to all valuer's | Ten (10) valuer's awarded with full Licenses and one (1) valuer with restricted license (residential properties only) Land Valuation Committee assess and approve licenses | Annual practice license is \$250 p.a. Registration License is \$500 (subject to review) |
| vi) | Collection of Land Sales Data | Assess & update data-base on quarterly basis. | This information is made available to every user. |
| vii) | Assessing of Stamp duty transactions (Transfers only) | Assessment varies from 2-3 days if all proper documents are submitted and provided on hand. | Determined by the Revenue Board. |

As per its mandate under the Land Valuation Act 2010, the section exists to regulate and monitor valuation practices of the private sector and its functions are mostly guided by ad-hoc directives of the Land Valuation Committee (LVC).

The Land Valuation Committee's is established under Section 7 of the Land Valuation Act 2010 with its core function is to implement its administrative functions in the monitoring of valuation practices in Samoa, developing valuation standards and exercising other functions given by Ministry such as the issuance of licenses, formulating policies and regulation for

guidance to all valuers.

The LVC is formally established by law under Section 7 of the Land Valuation Act 2010. Its core function is to monitor the quality of valuation practices in Samoa and the valuation profession itself and in general. It is responsible for developing valuation standards and in carrying out other directives as instructed by the Ministry such as the issuance of licenses, formulating policies and regulation as standard guidance for all valuers to follow.

Land Valuation Committee

- Chairman – Chief Executive Officer
- Vice Chairman – Assistant Chief Executive Officer
- Member – Rev Leoo Polutea
- Member – Sa'i Liamanaia Toeupu Kaisara

The Valuation section is also responsible in providing valuation services to official government requests through our Land Board or from other government agencies, corporations and other institutions for purposes such as land exchanges, compensation, stamp duty, market value assessment and other requests.

3.5.1 Valuation Tasks & Projected Revenue

| Valuation Tasks | Total Number | Total Revenue |
|--|----------------|--|
| Individuals/Corporations/Private | (90) 30 | (34,300) 15,200 |
| Advices to Land Board for compensation cases | (4)8 | These are considered as official valuation works |
| Advices to other Government ministries | (3)4 | 500 |
| Total | (97) 41 | (\$36,300) \$15,700 |

(Note: Figures from previous years are shown in parenthesis)

3.5.2 Stamp Duty & Projected Revenue

| Transfers (Deeds) | Total No. of Transfers (Deeds) | Total Revenue |
|-----------------------|--------------------------------|-------------------------------------|
| Law Firms/Individuals | (559) 794 | (\$1,848,315.02)/\$2,580,606 |

In this annual year, we noted a significant drop in revenue earned for valuation services to financial lenders and the general public as the Ministry is currently in the process of outsourcing all individual valuations to financial lenders. However, we have received more transfer instruments, presented for stamping with increase in total revenue compared to the last financial year.

The Ministry's current priority is to act as overseer of the valuation profession and in licensing of valuers. That is, it is responsible for monitoring the progress of valuation practices in Samoa by formulating policies and regulation to guide local valuers in performing their valuation duties and services.

Output 4: Technical Services Division

Table extracted from the Finance One System for all Outputs.

| 2840 - Land Technical Services | Actuals | Commitments | YTD | Utilisation % | Budget | Funds Remain | YTD Budget | Original Budget |
|--------------------------------|----------------|-------------|----------------|---------------|----------------|---------------|---------------------|-----------------|
| Personnel | 692,463 | - | 692,463 | 96% | 721,060 | | | 799,331 |
| Operating | 70,768 | - | 70,768 | 97% | 72,930 | 2,162 | | 57,930 |
| Capital | 93,043 | - | 93,043 | 90% | 103,271 | 10,228 | | - |
| Total | 856,274 | - | 856,274 | 95% | 897,261 | 12,390 | \$897,261.04 | 857,261 |

Table extracted from the Ministry Budget Full Year Review submitted to the Ministry of Finance (FY16/17) for all Outputs

| Performance Measure/ Indicator | Budget Standard or Target | Traffic Light Progress Indicator | Comments |
|--|---------------------------------|--|--|
| Percentage of survey plans received that comply with Survey Act 2010 and Survey Regulation 2011 | 95% | Completed/ Achieved | All survey plans lodged examine requisition and approved on going process |
| Percentage of survey plans received for scanning and recording on the Digital Cadastral Database approved | 95% | Completed/ Achieved | All plans approved scanned and digitized on going process |
| Number of surveys directed by Land Board and MNRE for government lands. | 4 | Completed/ Achieved | 5 survey completed and 4 ongoing. |
| Number of surveys requested by Land and Titles Court completed | 7 | Completed/ Achieved | All surveys are done by the private surveyor. |
| Number of survey investigations and inspections conducted to enforce compliance under the Survey Act | 10 | Completed/ Achieved | This work is ongoing for the new survey plans and depend on the request from PUMA. |
| Number of maps produced for the public (electronic and hard copies) and sold to the public | 50 | Completed/ Achieved | Maps requested as a contribution for ministry projects and revenue collected |
| Number of determinations approved by Geographic Names Board | 50 | Completed/ Achieved | 2 GNB meeting during the FY |
| Percentage of topographical layers and modelling of sea level rise impacts on assets updates through collection of high resolution data through Lidar technology | 20% | Incomplete | Its an ongoing process for updating of base layers such as road network and coastline layers for both island from LiDAR 2015 |

Sub-output 4.1

Survey Services

Survey Section carry out all survey work requested by the Land Board, Divisions of the Ministry and any other works approved by the Minister or the CEO. Survey Section also responsible for inspection and investigation survey required by the Ministry and works executed by private Surveyors.

1. Geodetic Control Network

Survey Section is also responsible for the establishment, maintenance and upgrading of Geodetic Control Network. The networks consist of the horizontal and vertical datum. It is the framework or backbone of all surveys in Samoa. But in this financial year, there is small percentage of work completed due to time constrain and other urgency work that required our services.

2. Spatial Data Infrastructure

There are two Global Navigation Satellite System (GNSS) located at Faleolo and Fagalii airport which was known by the name Continuous Global Position System Stations (CGPS). The Survey Section is also responsible for the maintenance of both stations.

- Fagalii GNSS station is to monitor climate change and Sea Level Rise in the region and it is the effort and collaboration by Australia (AusAid) and Samoa Government.
- Faleolo GNSS station was installed in 1996 and it is a research project initiated by the University of Hawaii and in collaboration with the Institute of Geological and Nuclear Science of New Zealand and the Government of Samoa.

This project is to monitor the crusty movements of tectonic plates of the South West of the Pacific Region. The data collected is relayed weekly to New Zealand for analyzing and provide yearly reports for enabling decision making.

Issuance of Surveyors License and Annual Practicing Certificates

7 annual practicing certificates were issued to Private Surveyors in the Private Sector, one is issued to Electric Power Corporation (EPC) Surveyor and three were issued to Surveyors within the Ministry.

Performance Indicator

The survey section performed extremely well to achieve its targets and completed most survey requests by the Ministry and the Government within its agreed timeframe. The services are provided in accordance with all relevant Survey Regulations, Acts and Ministerial Policies in all land related matters.

| Work Execute | Status | Number of Lots | Combined Areas (hectares) |
|---------------------------------------|---------------------------------------|----------------|---------------------------|
| Redefinition Survey | 6 requests 6 completed | 35 lots | 17.0860ha |
| Subdivision Survey | 5 requests 4 approved 1 ongoing | 10 lots | 5.1750ha |
| Investigation Inspection Survey | 3 requests 3 completed | | |
| Established of new survey point (GPS) | 7 requests 7 completed | 16 lots | |
| Land and Titles Court | 1 requests 1 completed | | |

Revenue FY 2016 - 2017

| | No. | Fee | Total |
|---|-----|-------|---------------|
| Private Surveyors Annual Practice Certificates | 8 | \$200 | \$1,600 |
| Hire of GPS equipment's (Established of new marks for horizontal network) | 7 | \$200 | \$1,400 |
| Total | | | \$4000 |

Sub-output 4.2 Survey Quality Assurance

Provide services to the public and to support the Land Registration System and various parts of the Ministry in graphical presentation of cadastral boundaries, indexing of Land Survey informations on Record & Cadastral Maps.

Issuance of Field Books, receiving and examination of all Survey Plans lodged by Licensed Surveyors. Scan and Record all approved plans on Digital Cadastral Database (DCDB).

Updating Solution for Open Land Administration (SOLA SYSTEM) for the Land Registration system.

Revenue collected July 2016 - June 2017

| | External | Internal (Official) | Total |
|------------------|-------------------|---------------------|-------------------|
| Examination fees | \$11,925.00 | \$207.00 | \$12132.00 |
| Copies | \$18.00 | \$43895.00 | \$43913.00 |
| Field Books | \$420.00 | \$210.00 | \$630.00 |
| Total | \$12363.00 | \$44312.00 | \$56675.00 |

Sub-output 4.3 Framework for National Spatial Information

The National Spatial Information will continue with its usual services in providing reliable and accurate spatial information to assist internal and external users for a sustainable development of natural resources and the environment of Samoa.

Tasks and Performance Indicators

| Effective and accurate data for mapping (Spatial Information) | Performance Indicator |
|---|--|
| 1. Produced maps from aerial photography & satellite imagery (aerial photo interpretation/geo-reference) | 1. 100% of maps achieved (topographic maps, orthophoto, aerial photo/ cadastral, etc.) |
| 2. Control of data sharing (Memorandum of Understanding and Deed of Agreement) | 2. License Agreement approved during the 2016/2017 F/Y, 6 from 11 applicants |
| 3. Assist other divisions within the Ministry Divisions and other stakeholders for (GIS) Geographic Information System mapping. | 3. 100% - Ongoing process for the Mapping section to assist using GIS mapping |
| 4. Database updated for mapping Mapping and propose naming of roads and reserves requested by the Geographic Names Board. | 4. 100% achieved - Roads and streets to be mapped for the Geographic Names Board (decision making and naming of roads) central Apia Town Area and nearby villages. |
| 5. Mapping and propose naming of roads and reserves requested by the Geographic Names Board | 5. 100% - Mapping for new site requested (GIS/GPS mapping) |
| 6. Update mapping for development/ infrastructures in Samoa (by request) | 6. 50% - Forest mapping, new logging site, aerial photo and imagery interpretation etc. |
| 7. Assist Forestry Division in forest mapping and location sites for logging license. | 7. Assist all projects for mapping request. |
| 8. Capturing of LiDAR imagery to update mapping and the topography of Samoa since 2015 and received 2016. | 8. Ongoing mapping from LiDAR data to update topography maps, awareness, mapping for natural disaster and climate change issues (CIM Plan). |
| 9. Assist the Ministry of Lands and Title to map any land court decision when requested. | 9. Ongoing mapping to interpret court decision. (MJCA & MNRE partnership) Mapping for exclusive economic zones for maritime preparatory for negotiation. |
| 10. Support given to Projects mapping area requested using GIS/GPS for proposal and decision making. | 10. 100% mapping achieved for future election as proposal. |
| 11. Mapping to highlight proposed changes for territorial constituencies in the future. | 11. Compliance and control of data sharing and usage. (License Agreement Policy) |

Revenue collected: FY 2016/2017

| | Official | Receipt |
|--|-------------|-------------|
| Maps produced in hardcopies/ e -copies | \$24,080.00 | \$13,630.00 |

License Agreement fees approved for data release \$15,950.0

Key Achievements

| Outputs | Outstanding July 2015 to June 2016 | New Plans Received | Total Plans | Outcome | Achievements | |
|---|------------------------------------|--------------------|-------------|---------|--------------|-------------------------------------|
| | | | | | Completed | M |
| Survey Plans received and approved | 4 | 191 | 195 | 195 | 183 approved | 10 requisitions 2 Investigations |
| Plans to be scanned | - | 183 | 183 | 183 | Achieved | |
| Recording of Approved Plans on Sola | - | 183 | 183 | 183 | Achieved | |
| Investigation a land request to subdivide at Lotopa the access is only 3 metres and one of the lot is below the minimum area allow under the Survey Regulation 2011. | | | | | | |
| Investigation of the Government Land at the USP compound which request by one of a business man to lease, this is in the USP fence and this will affect the security of the School. | | | | | | |
| Redefine and point ion out of the boundaries of the Malololeilei request by the Minister of Health through the CEO of the Ministry. | | | | | | |
| Done an investigations of land belong to Evelyn West Estate Taufusi. There were lots of plans affected as Plans 11629, 10206, 1749, 4545 & 1365 L | | | | | | |
| Prepare & Completed of all change maps requested on the system. | | | | | | |
| Scanning of Tranverse sheets & Field Books for safe keeper. | | | | | | |
| Digitized requied plans on the system as requested. | | | | | | |
| Visit and talk with the family and school on boundary disputes. | | | | | | |

Surveying team working on different sites around Samoa



Output 5: Division of Environment & Conservation Services

Tables extracted from the Finance One System for all Outputs.

| 2850 - Environment Services | Actuals | Commitments | YTD | Utilisation % | Budget | Funds Remain | YTD Budget | Original Budget |
|-----------------------------|------------------|-------------|------------------|---------------|------------------|--------------|-----------------------|------------------|
| Personnel | 1,124,353 | - | 1,124,353 | 98% | 1,149,855 | | | 1,209,855 |
| Operating | 204,181 | - | 204,181 | 100% | 204,790 | 609 | | 144,790 |
| Total | 1,328,533 | - | 1,328,533 | 98% | 1,354,645 | 609 | \$1,354,645.08 | 1,354,645 |

Tables extracted from the Ministry Budget Full Year Review submitted to the Ministry of Finance (FY16/17) for all Outputs

| Performance Measure/Indicator | Budget Standard or Target | Traffic Light Progress Indicator | Comments |
|---|---------------------------|----------------------------------|--|
| Number of awareness and educational programs on Terrestrial, Marine, Reserves and Waste and Chemicals Sections | 10 | Completed/ Achieved | A total of 28 awareness and educational programs were conducted as follows - Terrestrial (4), Marine (8), Reserve (6), Waste (6) and Chemicals (4) |
| Number of monitoring conducted for all waste contracts | 12 | Completed/ Achieved | A total of 16 monitorings were conducted |
| Number of waste minimization programs in Town area | 5 | Completed/ Achieved | A total of 8 waste minimisation programs implemented |
| Number of surveys and monitorings conducted for the marine and terrestrial environment priority areas for Upolu and Savaii Island | 10 | Completed/ Achieved | A total of 18 surveys & Monitoring on Marine, Terrestrial and Reserve priority areas were conducted |
| Number of restoration/rehabilitation programs for Marine habitats | 2 | Completed/ Achieved | A total of 5 restoration/rehabilitation programs were implemented for Marine habitats |
| Total area of Mt Vaea Reserve restored and rehabilitated | 5ha restored | Completed/ Achieved | A total area size of 6ha restored and rehabilitated for the Mt Vaea Reserve from 4th - 23rd in Aug - Nov 2016, Feb 2017, April and June 2017 |
| Number of regulating tools for environment and conservation | 2 | Completed/ Achieved | A total area size of 6ha restored and rehabilitated for the Mt Vaea Reserve from 4th - 23rd in Aug - Nov 2016, Feb 2017, April and June 2017 |

The Division's structure includes five (5) Sections: the Terrestrial Conservation, the Marine Conservation, the National Reserves, the Solid Waste Management and the Chemicals and Hazardous Waste Management.

Strengthened partnerships in 2016/2017 has made a significant difference through various collaborative efforts with international, regional and national programs/projects with NGOs, Government Ministries, Academia and Communities to help them take ownership and develop practical actions to promote the sustainable management of biological resources.

The management of waste is a significant environmental issue for which the DEC is responsible for. Development in this area include; the planning phase for the formulation of an Integrated Waste Management Strategy, the review of scope of services for collection, litter, lawn, landfill maintenance, sludge maintenance and public toilet maintenance and the implementation of best practices for sustainable solid waste management.

Key Performance Measures

- Awareness and educational programs : Avele College, Vaimauga College and Leifiifi College
- Monitoring of waste contracted services
- Waste minimization programs in Town area
- DEC office in Salelologa Township
- Construction and maintenance of Waste and Sludge facilities in Savaii
- Surveys and monitoring of marine and terrestrial priority areas
- Restoration and rehabilitation programs for Marine and Terrestrial habitats

- Regulating tools for environment conservation
- 12 Tree planting programs with the public (6 - Mt Vaea Nature Reserve, 5- Malololelei Bio Park and 1 on Malololelei Reserve)
- 2 Volunteering programs for tree planting (Partnership with the Program Abroad team Samoa)
- 1 Biological survey for Vaipu Swamp Forest completed
- 2 Bird monitoring surveys for Vailima National Reserve and Malololelei Reserve

Sub Output 5.1 Terrestrial Conservation

Achievements

- 1 Manumea monitoring survey in Samoa
- Biodiversity survey at Fusiluaga Vaipu swamp forest (with Forestry)
- 1 Myna bird management plan community consultation
- 1 Management plan for Gataivai
- 1 Community consultation for Gataivai management plan
- Community awareness programs - Access and Benefit Sharing
- Monitoring of water lettuce
- Monitoring of myna bird roosting sites
- 1 Invasive Species School Challenge Campaign
- 1 Butterfly Survey in Savaii
- 1 Biological Rapid Assessment Program in Upland Central Savaii and Uafato-Tiavea Forests
- 3 Tree planting at Tanumapua, Malololelei Reserve and Mt Vaea
- Commemoration of Biodiversity Day in August 2016
- Technical Guidance Document 2016 - Mainstreaming Ecosystem Services and Biodiversity into Agricultural Production and Management in the Pacific Islands (partnership with FAO)

Sub Output 5.2 Marine Conservation

Achievements

- Amendment to the Marine Wildlife Regulation 2009
- Marine information & data sheets launched
- Drafted Shark Assessment report (partnership with MAF)
- Environment authorized officers refresher training conducted (facilitated by Legal Division)
- 2 Monitoring for turtle in captivity
- CITES permit database updated
- Fisheries Management Plan for Sapapali'i (partnership with MAF)
- Turtle nesting survey at the Return to Paradise resort
- Baseline surveys and researches completed on:
 - Conus (Jul – Aug)
- Phase one of a research into Anguilla species or fresh water eels was completed (Aug)
- Tara expedition on coral reefs and fish species (Nov)
- Facilitated the second phase of the Anguilla research. Three eels were captured and satellite tagged and transported off-shore (Feb - Mar)
- Yeosu Project continuing of training and field survey on Policy Development, Coastal Topography survey and Capacity Building for the Coastal Disaster Damage Reduce in Samoa using RTK-DGNSS which started last year (Jan 2017). Presentation on the findings of the research completed (Jun)
- NOAA Okeanos Explorer expedition on seafloor and bathymetry mapping using ROV (Apr)

Research on:

- 2 Coral Bleaching surveys at Palolo Deep
- 1 EIA inspection for Fasitoo-uta on natural agriculture land use (with PUMA)
- Turtle tagging (23 turtles) at Malua.
- 1 Awareness consultation on Mangrove Protected wetland at Faleapuna

Awareness programs completed:

- 4 in Savaii - mangroves, coral reefs, climate change and crown of thorns starfish
- 6 in Upolu and 2 in Savaii- Sharks
- 1 at Return to Paradise - Crown of Thorns monitoring and turtle nesting
- Samoa Folauga Campaign in Savaii and Upolu (in partnership with Conservation International, Samoa Voyaging Society, MAF, National University of Samoa, Youth Climate Action Network of Samoa, etc.
- Draft Marine resource field guide
- 1 Mangrove replanting in Pu'apu'a (Partnership with YCAN)
- 1 Monitor of EbA project at Tafatafa
- 2 Crown of Thorns control operations for Pu'apu'a in Savaii (Partnership with YCAN)

Sub Output 5.3 National Parks and Reserves Conservation

Achievements

- 1 National stakeholder workshop for Protected Area Management in Samoa (partnership with SPREP)
- 1 National workshop for Manumea Protection (partnership with Auckland Zoo and Samoa Conservation Society)
- Awareness program with schools.
- 12 Tree planting programs with the public (6 - Mt Vaea Nature Reserve, 5- Malololelei Bio Park and 1 on Malololelei Reserve)
- 2 Volunteering programs for tree planting (Partnership with the Program Abroad team Samoa)
- 2 Bird monitoring surveys for Vailima National Reserve and Malololelei Reserve
- 1 Rattan Eradication for Papasea
- Recruitment of a Technical Assistant for Mt Vaea Trail through the NZ VSA program
- 1 Proposal and design for the upgrade of the Vailima Nursery

- SPREP-MNRE – BIOPAMA Program
- Maintenance of 18 National reserves (twice a month)
- Restoration and rehabilitation of 7.9ha on Mt Vaea Reserve

Sub Output 5.4 Solid Waste Management

Achievements

- 12 monitoring of 19 zones for rubbish collection services
- 12 monitoring of 2 landfill maintenance services
- 12 monitoring of lawn maintenance services
- 12 monitoring of litter maintenance services
- Review Scope of Services for all waste contracted services
- Procurement process for all waste services
- Monitoring of illegal waste practices
- Clean up campaign with communities
- Bulky collection services (three times a year)
- Samoa project proposal to develop a New National Solid Waste Management Strategy and Policy once the 2nd Phase of the J-PRISM project endorsed in mid 2017
- Partnership with ACC and Private Sector on Organic Waste
- JICA endorsed Samoa's proposal to develop a New National Solid Waste Management Strategy and Policy once the 2nd Phase of the J-PRISM project commenced in mid 2017
- Review applications on importation of shopping plastic bags
- Illegal waste practices monitored
- 14 Environment & Tourism Rangers recruited for Savaii and Upolu
- Shibushi Project on Green & Organic Waste
- Scrap Metal Assessment Report
- 1 Scrap Metal Training with National Recycling Companies
- New DEC Office at Market-LTA at Salelologa

Sub Output 5.5 Chemicals and Hazardous Waste Management

Achievements

- 6 Monitoring of Vaiaata Sludge Facility
- 12 Monthly monitoring of 3 Public Toilets (Mulinuu, Sogi and Elele-fou) and Tafaigata Sludge facility
- Procurement process for the maintenance of 3 Public toilets and Tafaigata Sludge Facility
- Inception Workshop for Mercury Initial Assessment (MIA) Project
- Review of Health Care Waste Disposal plan (with MOH)
- Educational awareness programme on composting of green waste to reduce the release of uPOPs to the atmosphere
- Transboundary notifications of hazardous waste
- National Chemical Training (with USP-Fiji & SPREP)
- 2 School awareness campaign for waste minimization programme at Samoa Primary School and Pu'apu'a Primary School
- 1 Inventory Training on Mercury
- 1 Waste Dialogue during the Environment Week
- 1 Scrap Metal Training with National Recycling Companies
- Inspection of Illegal dumping of hazardous waste (with PUMA)
- Installation of Geo-membrane liners for the Vaiaata Sludge Facility Regional E-Waste Guidelines (partnership with SPREP)

Output 6: Forestry Management, Planning & Research Services

Table extracted from the Finance One System for all Outputs.

| 2860 - Forestry Mgmt, Planning, Research Service | Actuals | Commitments | YTD | Utilisation % | Budget | Funds Remain | YTD Budget | Original Budget |
|--|------------------|-------------|------------------|---------------|------------------|---------------|-----------------------|------------------|
| Personnel | 1,391,316 | - | 1,391,316 | 98% | 1,421,614 | | | 1,771,614 |
| Operating | 376,709 | - | 376,709 | 99% | 380,384 | 3,675 | | 180,384 |
| Capital | 15,988 | - | 15,988 | 20% | 80,000 | 64,012 | | - |
| Total | 1,784,013 | - | 1,784,013 | 95% | 1,881,998 | 67,687 | \$1,881,998.12 | 1,951,998 |

Table extracted from the Ministry Budget Full Year Review submitted to the Ministry of Finance (FY16/17) for all Outputs

| Performance Measure/Indicator | Budget Standard or Target | Traffic Light Progress Indicator | Comments |
|--|---------------------------|----------------------------------|--|
| Total hectares planted to restore degraded forest in National Parks and Community woodlots | 100ha | C o m p l e t e d / Achieved | 125.7 ha planted |
| Total hectares maintained in 4 National Parks | 509 | C o m p l e t e d / Achieved | 530 ha maintained in 4 National Parks (OLPP, Lake Lanotoo, Mauga o Salafai and Masamasa-Falelima) |
| Total number of individual farmers/societies registered and participated at Sustainable Agroforestry/Woodlots Programs | 200 | C o m p l e t e d / Achieved | 237 New Farmers registered and participated. |
| Number of national parks and community conservation areas management plans developed and implemented | 2 | C o m p l e t e d / Achieved | 3 Management Plans for CCA developed (Gatavai, Taga and Matautu-Satoalepai to Saleia) |
| Number of research and species trials conducted | 2 | C o m p l e t e d / Achieved | 2 Researches conducted and to be continued for the next 4 years. |
| Percentage of wetland areas developed and managed for future Ramsar sites | 1 | C o m p l e t e d / Achieved | 1 Wetland assessed and conducted ecological survey |
| Percentage of forestry conservation/production layers updates through collection of survey data | 60% | C o m p l e t e d / Achieved | Achieved and ongoing |
| Percentage of forestry maps/P3D model(electronically and hard copies) | 60% | C o m p l e t e d / Achieved | Completed |
| Total number of seedling produced in 5 forestry nurseries | 400,000 | Incomplete | The amount of 400,000 seedlings was target for MNRE and all stakeholders involved in tree planting. 130,00 seedlings produced and new target for next FY (2017-18) has been revised and set according to number of field staff within Forestry Division. |
| 2 million trees planting for 5 years | 400,000 | Incomplete | Forestry Division (MNRE) to coordinate the collection of data for planted trees by all stakeholders involved. 458,446 Trees planted up to date and other stakeholders are yet to submit their data. |
| Percentage of awareness and educational programs conducted on forestry programmes | 50% | C o m p l e t e d / Achieved | 55 % of awareness and educational programs conducted and its an ongoing activities. |

Outputs1:Protection, Conservation and Sustainable Management and Development of Samoa's Environment and Natural Resources

ESPO: 1.2. Effective and Sustainable Management of Forest Forestry Division consists of 3 main sections and 1 Project;

1. Forestry Management Section (Upolu and Savaii),
2. Forestry Policy and Planning Section and
3. Forestry Research and Development Section.
4. Forestry Conservation and Protected Area Management Project (FPAM)- GEF-PAS funded and implemented by FAO. Project officially closed in June 2017 after a one year extension.

Sub- Ouput 6.1: Effective and Sustainable Management of Forests

Sub-activity: 6.1.1. Develop, implement and review Management Plans for National Parks and Community Conservation Areas (CCAs)

The National Parks (NP) are managed in such a way to ensure

its ecological state and biodiversity are maintained through tree planting. Weeding of planted seedlings is regular, and dead seedlings are replaced or refilled with new ones to ensure a good stocking of trees.

Table 1: Total area (ha) restored and maintain in 4 NP.

| | Area Restored in NP (ha) | Maintenance (ha) | |
|---------------|--------------------------|------------------|-----------|
| | | Weeding | Refilling |
| Annual Target | 20 | 509 | 30 |
| Achievements | 23.5 | 536 | 38.6 |

The FPAM Project developed three Operational Plans of priority areas for conservation selected by the communities of the project sites. Taga and Gataivai established lowland rainforest CCAs while Matautu focused on rehabilitation of water catchment area within their CCA.

Taga and Gataivai lowland conservation areas as well as Matautu rehabilitation plan were launched in June 2017 before the FPAM Project officially closed, with assistance of the Samoa

Conservation Society (SCS). Signboards were installed at Taga, Gataivai and Matautu as well as a visitor shelter at Taga. O Le Pupu Pue (OLPP) National Park toilet/changing facilities were upgraded and a direction signboard for the Visitor Center was renewed. At the Lake Lanotoo NP, wood benches and a lookout platform were installed.

Sub-activity: 6.1.2. Assess, establish and monitor community forestry programs registered (community woodlots, agroforestry, boundary planting, wind breaker).

Community Forestry Programs (CFP) through woodlots, agroforestry and others is the main program that is highly promoted for communities and customary land with forest and timber trees. Monitoring of existing woodlots was also conducted.

Table 2: Number of new developed CFP woodlots and areas (ha) as well as monitored woodlots

| | Community Woodlot area (ha) | New Woodlots | Monitored Woodlots |
|---------------|-----------------------------|--------------|--------------------|
| Annual Target | 80 | 200 | 200 |
| Achievements | 102.2 | 241 | 458 |

Tree seedlings were distributed during the Ministry's National Awareness Days such as the Environment week 2016, Water and Forest Day 2017 and through the Two Million Tree Planting Campaign community awareness programs.

Sub-activity: 6.1.3. Implement and monitor nursery facilities and operations

The five nurseries managed by the Division supplies seedlings to communities as well as for national tree planting events.

Table 3: Number of tree seedlings raised and dispatched

| | Soil Collection (m3) | Seedling Production | Seedling Dispatch |
|---------------|----------------------|---------------------|-------------------|
| Annual Target | 69 | 150,000 | 150,000 |
| Achievements | 70 | 130,000 | 66,436 |

Equipment and materials for nursery operations were procured under the Two Million Tree Planting Campaign with funds from AF and FPAM Projects as well as assistance to upgrade the Togitogiga nursery to be able to cater seedlings to serve the tree planting programs.

Tunnel houses were installed at Vaipouli compound which was funded by FPAM Project for demonstration and supply of planting materials for community agroforestry plots at Matautu district.

Sub-activity: 6.1.4. Coordinate strategies to implement boundary demarcation surveys for National Parks

All the four National Parks are not legally demarcated due to disputes with nearby communities however the Division is trying hard for an appropriate approach to engage communities to support this plan.

Sub-activity: 6.1.5. Implement sustainable forest management initiatives in collaboration with local, regional and international partners

The Ministry in partnership with Samoa Conservation Society (SCS) and Falealili community promoted Carbon Offset through tree planting at the O Le Pupu Pu'e National Park. Falealili returned seasonal workers contributed in planting 1680 mix native trees to offset carbon released of their flights to New Zealand and back to Samoa.

Sub-activity: 6.1.6. Implement measures to increase protection of Samoa's forest resources from the impacts of climate change.

Technical supports continuously provided to interested farmers/individuals through different CFPs and the Two Million Tree planting campaign. Forestry harvesting operations is under control through the enforcement and monitoring of the Forestry Management Act 2011. An illegal case on logging has been put in court and the outcome was a success whereby the suspect was penalized.

Sub-activity: 6.1.7. Raise awareness of forestry issues and gain widespread support for a sustainable forest and resilient Samoa

Community forestry programs were promoted through displays and distribution of materials during the MNRE Environment Week 2016, World Wetlands Day in February 2017 and Forests and Water Day in April 2017.

20 presentations on Forestry programs were part of the consultations for PPCR, SMSMCL and FPAM Projects.

Sub- Ouput 6.2: Strengthened research and development for sustainable management of forests

Sub-activity: 6.2.1. Conduct forestry researches and/or species trials

Biomass and Carbon stock estimation per tree species
There were five (5) tree species assessed and calculated for Aboveground Biomass (AGB) and Carbon Stock (CS) estimation using allometric equation by Chave (2005).

Species including tava, tavai, masame, mosooi and nonuvao. The Standard Operating Procedure (SOP) for each tree species including site visit for tree selection, tree census, destructive sampling and tagging, weighing and selection of samples to calculate fresh/dry weight ratio, drying and recording.

The Belowground Biomass (BGB) will be calculated for each species to get a detail tree biomass summary statistics.

Assisted Natural Regeneration of Forests

There were five (5) assisted natural regeneration of forests plots established, monitored and assessed at OLPP and Lanotoo National Park throughout this period.

There were three (3) large square plots established in size of 20m by 20m (400m²) to measure every standing tree species that equals or more than 5cm DBH and two (2) small square plots in size of 5m by 5m were established within the 20m by 20m plots (25m²), for measurement of coverage degree and heights of the understory or lower canopy of forests. Monitoring was conducted for each plots to observe the natural regeneration of each species.

Phenology Studies

A monthly monitoring was conducted to identify the fruiting and flowering pattern of eight (8) selected tree species and how it influences by seasonal and interannual variations in climate as well as habitat factors (elevation). Anomalies of different phenological phases of 8 tree species is summarised below.

Sub-activity: 6.2.2. Conduct Market Analysis & Development Impact Assessment study on forestry resources

A set of questions was drafted and compiled in a draft questionnaire yet to finalise and implement. The study is intended to illuminate its impacts on community forest beneficiaries, especially related to the socio-economic situations of those who heavily dependent on forestry resources for livelihood.

Sub-activity: 6.2.3. Improve data collection on forestry research statistics

Data and records gathered from all research studies and surveys conducted is maintained and stored electronically via database and paper-based.

Sub-activity: 6.2.4. Effective coordination and implementation of World Wetlands Day and designate new Wetland of International Importance

Wetland Inventory for Vaipu Swamp Forests

The Wetland Inventory for Vaipu Swamp Forests, a joint initiative by Ministry and its Project in partnership with the Scientific Research Organization of Samoa (SROS) and the Fagaloa Community, was conducted in March/April 2017, targeting three overarching component, process and benefit/services including biota, hydrology and water quality. Prior and upon completion of the survey, district consultations was conducted with the Fagaloa community to present the purpose and findings of the survey to enhance knowledge of the status of wetland ecosystems and improve management by establishing immediate and long-term plans for its conservation.

Results obtained confirmed that the area has a high degree of endemism richness in the flora and fauna and is urgently needed for management and conservation actions. A roadmap of activities was presented during the consultation including;

- Continue to strengthen partnership with the Fagaloa Community for the management and conservation of biological resources within the area
- The sustainable management of existing developments within the area such as cattle farms etc
- Regular monitoring programs by the Ministry and the community to identify how species are influenced by seasonal and inter-annual variations in climate as well as habitat factors such as elevation, species interaction.
- Change in the ecological character of the site
- A potential to designate the area as a protected area in Samoa which will contribute to the expansion of protected area network in Samoa.
- A third Ramsar site for Samoa in the near future.

Sub- Output 6.3: Improve Planning and Policy Framework for Sustainable Management of Forests

Sub-activity: 6.3.1: Develop and review Forestry Regulatory Frameworks for sustainable management of forest.

Forest fees for the draft Forestry Management Regulation 2015 have been reviewed with financial assistance from the

FPAM Project. A draft report of the revised fees is in place and awaiting finalization to endorse the proposed fees in particular to the area of forestry harvesting.

Sub-activity: 6.3.2: Effective forestry planning and monitoring for forestry resources management and operations

Enforcing of the FM Act 2011 continued to be part of Forestry community awareness programs during its various activities such as workshops held for the Two Million Tree Planting Campaign and through the FPAM Project especially for Savaii.

Sub-activity: 6.3.3: Maintain and update the Samoa Forest Resource Information System (SamFRIS)

The SamFRIS database has been continuously updated with field activities information particularly on forestry harvesting application requests. Series of new layers were produced according to these new sets of maps. These includes layers of tree planting areas and harvesting sites often maps of all harvesting operational sites of all approved license and permits applications.

Other maps produced were based on every tree planting activities carried out under the Two Million Tree Planting Campaign 2015 – 2020. These set of maps are crucial to raise awareness to all interesting stakeholders that are keen to take part to this national program. New layers of all planted sites under the Two Million Tree Planting Campaign were produced to point out every site covered for purpose of monitoring and evaluation on the implementation of the campaign.



Consultations were conducted for the Forestry staff in Savaii on providing more clarifications and to continuously be reminded on the processes involved regarding the procedures of issuing license and permits for harvesting forestry resources.

Sawmill owners were also been invited to be part of the program so as to discuss some of the issues on registration process and operational legal terms. Also an opportunity to conduct a seminar for the village of Letui where such issues of illegal logging practices tend to be commonly observed within their forest but to be aware off terms and conditions that are meant to be followed.

Tree planting activities were conducted at the end of each seminars and also being part of a supportive group and communities to the Two Million Tree Planting Campaign 2015 – 2020.

Sub-activity: 6.3.4: Enforce compliance of forestry resources management policies and operations (forestry harvesting operations)

A total of 49 forestry harvesting applications submitted to the Ministry for issuing license and permit to harvest forest resource in Samoa during this financial year (Table 4). Out of the total, only 36 applications were approved by the MNRE – Chief Executive Officer based on the set of conditions’ to be met and on assessments carried out of proposed forestry harvesting sites as well as other rival issues that have overshadowed some of the applications been declined.

Table 4: Number of Forestry Harvesting Applications submitted and approved

| Application Type | Applications Submitted | Applications Approved | Applications Cancelled | Application Declined |
|---------------------|------------------------|-----------------------|------------------------|----------------------|
| Permit Application | 9 | 7 | 3 | 2 |
| License Application | 40 | 29 | 7 | 4 |
| Total | 49 | 36 | 7 | 8 |

Twelve (12) mobile/portable sawmills have been registered within this period, not including others in progress for processing.

All 12 sawmills were inspected at their sites whether considered in perfect conditions to operate taking into consideration safety conditions of workers and equipment’s used during operations. Registration fee of \$500.00 imposed on approved registration applications.

There are 2 sawmill companies that have been registered owning up two sawmills.

Sub-activity: 6.3.5: Coordinate, implement and monitor the National Two Million Trees planting Campaign - 2015 - 2020 to restore degraded forestry areas.

The Strategy and Action Plan for the Two Million Tree Planting Campaign 2015 – 2020 has been launched during the Water and Forest Day 2017. The Samoan version is yet to be finalized.

Sub-activity: 6.3.6: Forestry Board

Two Forestry Board meetings have been held during this financial year due to subjects to discuss and availability of Chairman and members.

Sub-activity: 6.3.7: Provide technical support to Forestry and MNRE projects and other relevant sectors

Continuous support have been given to the FPAM and reporting of progress activities to FAO.



Tree planting activities have been carried out under this program as in table 5 below. A massive support by MNRE staff and communities took part in these tree plantings reflecting their support to the campaign.

Table 5: Number of tree planting activities under the Two Million Tree Planting Campaign

| Site/ Location | Seedlings Planted | Area (ha) |
|------------------------|-------------------|-------------|
| Vaipouli | 850 | 0.8 |
| Malololeilei | 2,942 | 1.7 |
| Vailima Reserve | 450 | 0.6 |
| Lake Lanoto’o NP | 2,000 | 1.27 |
| Tuanaimato Golf Course | 1,800 | 1.0 |
| Tanumapua | 1,030 | 1.6 |
| Total | 9,072 | 6.97 |

Sub-activity: 6.3.8: Conduct public awareness programs on forestry resources management and development

Two community workshops held in Savaii in December 2016 through the FPAM Project promoting enforcement for the FM Act 2011 and the Two Million Trees Planting Campaign.

Posters for native hardwoods of Samoa and Two Million brochures were reprinted for public and were distributed during the Environment week 2016 and Wetland Day in February 2017.

A new pull up banner and T-shirts for the Two Million Tree Planting campaign were also printed as part of the awareness campaign during the Environment week 2016 as well.

The campaign also supported a green tour for students at the OLPP NP during the Environment week.

Output 7: Meteorological, Hydrological, Geological & Geophysics Services

Table extracted from the Finance One System for all Outputs.

| 2870 - Meteorological, Hydrological, Geological | Actuals | Commitments | YTD | Utilisation % | Budget | Funds Remain | YTD Budget | Original Budget |
|---|------------------|-------------|------------------|---------------|------------------|--------------|-----------------------|------------------|
| Personnel | 1,117,865 | - | 1,117,865 | 100% | 1,122,833 | | | 1,062,833 |
| Operating | 425,966 | - | 425,966 | 100% | 426,042 | 76 | | 321,042 |
| Total | 1,543,830 | - | 1,543,830 | 100% | 1,548,875 | 76 | \$1,548,875.04 | 1,383,875 |

Table extracted from the Ministry Budget Full Year Review submitted to the Ministry of Finance (FY16/17) for all Outputs

| Performance Measure/Indicator | Budget Standard or Target | Traffic Light Progress Indicator | Comments |
|--|---------------------------|----------------------------------|--|
| Number of daily weather bulletins and weather summary issued on time | 1 | Completed / Achieved | ongoing (100 %) |
| Number of special weather bulletins issued | 25 | Completed / Achieved | None (no cyclone) |
| Number of climate summary and early warning reports issued | 12 | Completed / Achieved | ongoing (100 %) |
| Percentage of ozone depleting substance data reports produced and disseminated to stakeholders | 100% | Completed / Achieved | ongoing reporting (100 %). |
| Number of felt earthquake reported | 60 | Completed / Achieved | 35 Felt Eq (58%) - Ongoing |
| Number of earthquake reports analyzed and issued | 1000 | Completed / Achieved | 3,214 Eq analysed (321%) |
| High quality data available derived from automatic weather stations for preparation of weather reports | 1,000,000 data points | Completed / Achieved | Ongoing 5 minutes data transmit (100%) |
| Number of monthly summary of EQ | 12 | Completed / Achieved | ongoing twice per week (100%) |
| Number of Tsunami Bulletins | 8 | Completed / Achieved | None - ongoing (215 EQ mag > 6 information) |
| Number of Geotechnical investigations reported | 10 | Completed / Achieved | 8 completed depending on incoming requests (80%) |

Outcomes and Outputs

7.1 Weather Services

Outcome

- Improve quality and accuracy of forecast products; enhance performance of the weather services staff

| Output | Status |
|---|---|
| 7.1.1 Enhance maintenance of weather section infrastructure | Partially Achieved: Carried out only one (1) routine maintenance trip to fix AWS network, due to budget shortage, budget is an incessant problem of not fully achieving this activity; The design consultancy proposed for Aleisa, Mt. Fiamoe, Fagalii and the Mulinnu Lightning detector has complete design that was funded by the World Bank PREP project; The five (5) NOAA stations are still down and no indications from NOAA of when work maintenance will start. |
| 7.1.2 Enhancing Data Quality Control | Achieved Continued to monitor quality data, checking and entry of data by Met. Technicians – quality checking of utmost important is having a senior staff assigned to be directly responsible for the task. |
| 7.1.3 Quality daily public and coastal forecasts | Achieved Delivery of PWB to radio, and TV much improved weather graphics display, planning some changes to a new look format with more graphics; |
| 7.1.4 Quality daily public and coastal forecasts | Achieved Delivery of PWB to radio, and TV much improved weather graphics display, planning some changes to a new look format with more graphics; |
| 7.1.5 Provide Aviation services | Achieved Submission of METARs, SIGWX and TAFs in aviation meteorology to Air NZ, Virgin Blue and Fiji Airways, and reconnaissance aircrafts; |
| 7.1.6 A Quality Management System (QMS) | Achieved Work in progress we have secured a consultant to go through and implementation plan for certification, his second visit in November to complete and issue Certificate of compliance to ICAO/WMO; |
| 7.1.7 Enhance staff capacity building – | Achieved Four (4) Met. Technicians (2 per Cohort) involved in four (4) weeks duration Pacific Desk (basic meteorological and weather forecasting topics) Training in Honolulu during the year; and four (4) of the Forecasting staff had opportunities to be trained on short-term (1 -2 weeks) courses that were available from donors. Weather briefings, (Mondays and Fridays, Nodding Sessions) is the main forum for all staff to build confidence, gaining knowledge and understanding during presentation sessions on weather forecasts. |

| Output | | | Status |
|--------|---|----------|---|
| 7.1.8 | Effective operation and maintenance of Forecasting Systems: IBL and SMARTMET) | Achieved | Integration work of forecasting software (IBL and SMARTMET) and push to all of the existing dissemination tools for timely recipient by the stakeholders |
| 7.1.9 | Develop Severe weather forecasting products for tropical/non-tropical cyclone events (SWFDDP) | Achieved | Updated quarterly reports of severe events for the year transition into a full blown operational project as agreed to in the Management Group; |
| 7.1.10 | Deliver timely and accurate weather forecasting | Achieved | timely dissemination of bulletins is a core function of the section – emails (radio) and pushing into the division website, and the smart phone applications in operation for both the Android (Samsung) and I-Phone platforms. |

7.2 Climate Services

Outcome:

- Adequacy of Climate data and information;
- improve quality of products and services for multi-sector resource management use
- knowledge and capability of staff enhanced

| Output | | | Status |
|--------|---|----------|--|
| 7.2.1 | Efficient administration of Rainfall and Climate Observation Network. Strengthen maintenance and calibration of meteorological equipment to improve quality | Achieved | Automatic transmission and manual collection of data greatly assisted in strengthening the timely reception, quality control and dissemination of climate information. This have enhance the quality of data |
| 7.2.2 | Upgrade Climate Database Management System, Data rescue and Data digitization | Achieved | Database Management work is on-going and are most grateful to COSPPac for the Traditional Knowledge (TK) component in continuing to fund our CDEOs. |
| 7.2.3 | Effective monitoring of climate variability and long-term change (climate monitoring) | Achieved | complete the monthly Seasonal Climate Outlook report for the year and updates of El-Nino and Southern Oscillation (ENSO) event, incorporating the Korean Project climate prediction (ROK-Clip) to improve prediction extending the SCO to a six (6) months period; |
| 7.2.4 | Develop new Climate Early Warning products and services for all sectors | Achieved | CliDesc (Climate Applications) collaborating with NIWA in developing applications utilizing CLEWS, improvements carried out in visualizing data, user-friendly and timely retrieval of the much needed climate information ; |
| 7.2.5 | Effective Seasonal Climate, Rainfall and Temperature Prediction | Achieved | The Seasonal Climate Outlook (SRO) reports were disseminated on a monthly basis. The new product is the Season Temperature Prediction (STP) that was officially prepared and disseminated |
| 7.2.6 | Collect and document Traditional Knowledge (TK) on Climate Predictions and Environment indicators; | Achieved | The TK Officer appointed in July and is base at SPREP, and now working together with the Climate Services in TK survey and data entry into the DB; |
| 7.2.7 | The timely Climate-Smart public awareness, on climate variability and long-term climate change | Achieved | this is an on-going activity for the section, Situational reports of ENSO are issued every month with guiding information from the ENSO centers mainly, NCEP, NIWA, BoM and FMS |

7.3 Ozone Services

Outcome

- Effective Implementation and Management of Ozone Project

| Output | | | Status |
|--------|---|----------|--|
| 7.3.1 | Continue implementation of ODS legislation and regulation to control and monitor ODS consumption | Achieved | The Ozone Layer Regulations (OLR) 2006 review was completed however the recommendation received was to draft an amendment to the regulations instead of drafting a bill Achieved: Maintaining ODS consumption below baseline using the Quota System |
| 7.3.2 | Continue the effectiveness and efficiency in the implementation of the licensing System | Achieved | Follow-up on unlicensed and non-renewal of businesses licenses and importers of refrigerants |
| 7.3.3 | Effective trainings with enforcement officers such as Customs Officers, MAF Fisheries Division and Quarantine | Achieved | Three workshops held for Customs, Quarantine and Fisheries officers on raising understanding on ozone issues and building capacity on how to identify ozone depleting substances at the boarder |
| 7.3.4 | Effective training for the Refrigeration and Air Conditioning Sector | Achieved | One refresher training was conducted for 3days in September 2016 to refresh skills and knowledge of refrigeration and air conditioning technicians on good refrigeration practices |
| 7.3.5 | Monitoring implementation of code of good refrigeration practices/procedures and standards | Achieved | OS have ccompleted 2 visits for ODS inspections in Upolu and Savaii of Refrigeration Air-conditioners businesses and updated the Code of Practice to include most recent technology |
| 7.3.6 | Continue collaboration with stakeholders in steering activities | Achieved | The National Ozone Committee (NOC) meets every quarter and when required. There were seven meetings conducted in the past financial year. The collaboration between the stakeholders allows for smooth implementation of all activities |

| Output | | | Status |
|--------|---|--------------------|---|
| 7.3.7 | Implement recycling and recovery activities | Achieved | Sixty (60) refrigerants from air conditioning units were recovered in May 2017, and the recovery process of these contaminated refrigerants will continue until the two 500lts ISO tanks are filled for shipment |
| 7.3.8 | Implementation of the ODS Alternative Survey for Samoa | Achieved | Local consultant was hired to conduct three workshops with stakeholders, carry out data collection and analysis. The final report of the ODS Alternative Survey was submitted to UNEP on time |
| 7.3.9 | Implement of certification system for refrigeration personnel | Partially achieved | The Certification System has been drafted and the National Ozone Committee gave advice to Samoa Refrigeration Engineering Association (SREA) to work on the Certification of the industry's personnel modeled after the Plumbing Association the Act enacted by Parliament. Delay due to issues within the association |
| 7.3.10 | Implement Awareness Activities | Achieved | Awareness programs is a continuous part of the project which includes workshops for stakeholders, trade nights for the RAC Industry, school visits and so forth. The main annual awareness activity was the International Ozone Day celebration on the 16th September 2016. Leading up to the International Ozone Day, a Road Show was completed for the Ministry for Revenue and Ministry of Agriculture and Fisheries, display of environmentally safe technologies and students activities were conducted. Products and information about the project is shared on social media and Meteorology website, |
| 7.3.11 | Effective reporting to the Montreal Protocol | Achieved: | Completed four (4), technical and financial reports on a quarterly basis and was submitted to the Secretariat. A special report to request for the extension of the Institutional Strengthening Program was also submitted |
| 7.3.12 | Continue to actively participate in the Meetings of the Montreal Protocol | | Achieved: Samoa participated at the 37th & 38th Open Ended Working Group, 28th Meeting of the Parties, 10th Ozone Research Managers Meeting and Pacific Network Meeting |

7.4 Geological services

Outcome

- Effectiveness of systems for geological data management and drilling operations

| Output | | | Status |
|--------|---|--------------------|--|
| 7.4.1 | Continue the effectiveness of geo-hazard and geotechnical investigation works | Achieved | Maliolio River, MNRE Floodwall (Lelata), SCB Tauese, Vaisigano Bridge, Vaisigano River wall, Vaisigano Levee Protection wall, Central Bank, Lava Hotel |
| 7.4.2 | Continue the effectiveness of mechanical engineering maintenance of drilling rigs and Office vehicles | Achieved | Servicing including oil change or parts replacement a total of 47 referred vehicles from MNRE, and Met. The drilling rig is service every time it comes into the workshop after every job assignment |
| 7.4.3 | Develop Database of geological data, and digitization implementation | Not achieved | This is important and we are sourcing out funds from Peoples Republic of China (PRC) implement this activity |
| 7.4.4 | Improve Geology information dissemination | Partially achieved | Populate geological information into the new web site – time is now allocated to one of staff member to update the web-site and face book |
| 7.4.5 | Develop Compliance and safety operation standards Manual | Partially achieved | Manual for drilling, there is a need for writing a manual for the engineering workshop |
| 7.4.6 | Strengthen and upgrade geological laboratory | Not achieved | Operational, but with limited soil tests at this time, possible upgrade by China |
| 7.4.7 | Establish a National Deep-sea mineral prospecting Legislation | Not achieved | Samoa National Ocean Minerals Committee (SNOMC) approved by Cabinet and inception meeting in August, project completed in 2015 but the progress for a Legislation is shelf due to short of funding; |
| 7.4.8 | Establish International Partnership and Collaborations | Achieved | Continued partnerships with United States Geological Survey (USGS), Pacific Tsunami Warning Center (PTWC), Geo-science Australia, International Association of Geodesy and Aeronomy (IGA), Geological and Nuclear Science (GNS – NZ), and others |

7.5 Geophysical services

Outcome

- Establish framework for managing geophysical activities

| Output | | | Status |
|--------|--|----------|---|
| 7.5.1 | Effective Earthquake and Tsunami Warning Operations | Achieved | 24/7 operations for Earthquake and Tsunami monitoring launched under the Samoa-China Seismograph Network (SCSN) project; 2500 analyzed EQ presented to Nodding Sessions, over 50 felt EQ reports for the fiscal year |
| 7.5.2 | Strengthen Monitoring Communication Systems | Achieved | Complete communications infrastructure and radio networking, 99.5 % percent of the time operational the 0.5 % are faults due to radio and networking access. A boost from the temporary ICT unit with Mr. Takeshi-san (JICA ICT expert volunteer) leading the team; |
| 7.5.3 | Strengthen Maintenance and calibration of geophysical stations | Achieved | Continuous maintenance of AFI Seismograph and CTBTO stations, tide gauge and broad band stations at Afulilo, Togitogiga, Asau, and Vaiaata |

| Output | | | Status |
|--------|---|--------------------|--|
| 7.5.4 | Improve Geomagnetism observations | Partially Achieved | Faulty equipment and awaiting for new Theodolite |
| 7.5.5 | Identify Geo-hazards gaps | Achieved | Complete – section to review the Hazard Gaps Analysis prepared by the Australian VSA |
| 7.5.6 | Review and Produce Geophysical Awareness material | Achieved: | Collaboration with other sections and the private sector (CARITAS, SUNGO) |
| 7.5.7 | Develop a Geoscience Hazard Response Plan | Not Achieved | Work in collaboration with Disaster Management Office |
| 7.5.8 | Enhance and Strengthen International Partnership collaborations | Not Achieved | On-going negotiations for a Phase 2 of Samoa – China Seismic Network (SCSN) |

7.6 Climate Change Services

Outcome

- Effective management and implementation of climate change projects

| Output | | | Status |
|--------|--|----------|--|
| 7.6.1 | Coordinate and Implement national adaptation initiatives | Achieve: | Support to the Ministry's implementation plan on adaptation and mitigation initiatives |
| 7.6.2 | Develop Climate change communications strategy | | To be an output in the proposed Climate Change institutional set-up, however the Climate Services strategy is in draft form and is to be discussed |
| 7.6.3 | Public awareness and education | Achieved | Through our own initiatives and in collaboration with DMO and the private sector (CARITAS, SUNGO) |

7.7 Legal Framework for mandate and operations

Outcome

- Establish a legal framework for the management of the Meteorology Division

| Output | | | Status |
|--------|---|--|-------------------------|
| 7.7.1 | Achieved Develop Meteorological Services Act in the next financial year | | Met. Bill in draft form |

7.8 Communications Strategy

Outcome

- Establish a communication strategy for effectiveness of awareness and visibility of Meteorology Division

| Output | | | Status |
|--------|--|----------|---|
| 7.8.1 | Establish a communication strategy for effectiveness of awareness and visibility of Meteorology Division | Achieved | A Communication Strategy is now in draft form for the climate services and this will be modelled for the whole division |

7.9 Research

Outcome

- Establish a communication strategy for effectiveness of awareness and visibility of Meteorology Division

| Output | | | Status |
|--------|--|----------|--|
| 7.9.1 | Effectiveness of Research in the field of climate services, climate change, geo-sciences and weather | Achieved | Achieved Establishment of the Meteorology Research Group (MRG) will be launched in November 2017 |

Output 8: The Planning and Urban Management Agency

Table extracted from the Finance One System for all Outputs.

| 2880 - Planning & Urban Management Services | Actuals | Commitments | YTD | Utilisation % | Budget | Funds Remain | YTD Budget | Original Budget |
|---|----------------|-------------|----------------|---------------|----------------|--------------|---------------------|-----------------|
| Personnel | 649,839 | - | 649,839 | 95% | 685,651 | | | 747,651 |
| Operating | 113,290 | - | 113,290 | 99% | 114,390 | 1,100 | | 84,390 |
| Capital | 32,000 | - | 32,000 | 100% | 32,000 | - | | - |
| Total | 795,129 | - | 795,129 | 96% | 832,041 | 1,100 | \$832,041.00 | 832,041 |

Table extracted from the Ministry Budget Full Year Review submitted to the Ministry of Finance (FY16/17) for all Outputs

| Performance Measure/ Indicator | Budget Standard or Target | Traffic Light Progress Indicator | Comments |
|---|------------------------------|--|---|
| Level of compliance with development consent procedures | 70% | Completed/ Achieved | 718 Development Consent Applications assessed; 93% of them approved |
| Number of enforcement orders issued under PUMA Act 2004 | 10% | Completed/ Achieved | 7% of 718 developments were issued orders for breach of PUMA ACT 04 |
| Percentage of nuisances/environmental pollution reports lodged and resolved | 100% | Completed/ Achieved | 125 nuisance reports/complaints lodged with 95% resolved |
| Number of EIA reports reviewed that comply with EIA regulations | 5 | Completed/ Achieved | 21 EIA reports received and reviewed to assist with DCA processing and determination; this is dependent on the number of large scale developments received |
| Number of strategies developed for sustainable development | 2 | Incomplete | Achieved and on-going -Draft Notification Regulation finalised - Draft Exemption Development Regulation completed - Draft Notification Policy 2016 completed, Signage Policy updated 2016 - Draft Design Review guideline completed, - Effluent Standards and Urban Design Standards currently being drafted. |
| Number of policies reviewed and developed | 2 | Completed/ Achieved | Achieved and on-going -Draft Notification Regulation finalised - Draft Exemption Development Regulation completed - Draft Notification Policy 2016 completed, Signage Policy updated 2016 - Draft Design Review guideline completed, - Effluent Standards and Urban Design Standards currently being drafted. |
| Number of communities with improved climate resilience | 10 CIM Plans (%) | Completed/ Achieved | Achieved and on-going: - All 41 districts consulted in review of CIM Plans. On-going works to finalise revised CIM plans (AF and PPCR projects). - 770 plastic septic tanks installed in 20 selected villages (CSProject) |
| Number of urban planning development in place | 2 quick win sites | Completed/ Achieved | Ongoing - concept designs being developed for: Waterfront Central Park at Elele-fou, town clock boulevard, events space at Elele-fou, flea market redevelopment and interpretive and directional signs (waterfront project) |

The Agency generally has four key functions that are mandated and guided by the Act:

1. Provide secretariat services to the Planning and Urban Management Board (the Board).
2. Undertake development assessments through the Development Consent Process.
3. Prepare and develop relevant regulations, sustainable management plans, planning provisions, development standards, guidelines and the like to implement the Act.
4. Encourage the resolution of outcomes, disagreements and disputes relating to the operation of the Act
5. Undertake enforcement and compliance actions as required by the Act.

The Agency is divided into three sections

- (i) Sustainable Development
- (ii) Urban Management
- (iii) Strategic Planning

In addition, the Agency implements four donor funded projects that contribute to achieving some of the Agency's outcomes. The projects include the:

1. Community Sanitation Project
2. Apia Waterfront Development Project
3. Adaptation Fund project

4. Pilot Project on Climate Resilience

The PUMA Board is expected to meet monthly however the occurrence of a meeting is dependent on whether there are any large scale development applications (above SAT\$1m value) that require a decision by the Board. From July 2016 to June 2017, eight (8) Board meetings were held where 26 large scale development applications were determined by the Board

Sub- Output 8.1 Sustainable Development Section

The Sustainable Development Section (SDS) administers the development assessment and approvals (consent) process of the Act and Regulations. In addition, SDS prepares reports and recommendations to the Board regarding large scale development applications. All other development applications that are less than SAT\$1m in value are assessed by SDS with recommendations submitted to the Administrative Head (ACEO) of the Agency for a determination.

The section manages the statutory processes required to administer development applications such as the registration of applications, notification, referrals, site inspections and assessments, preparation of planning reports and recommendations, as well as compliance activities such as monitoring and enforcement.

The more specific tasks/activities undertaken by the SDS included the:

- Registration and processing of 817 Development Consent (DC) Applications. This included site assessments, notifications (for some), referrals to relevant authorities, meetings with developers and reporting.
- Granting of 725 Development Consents to applicants/developers where 26 were approved by the Board and 669 were approved by the Agency.
- Processing of the remaining 92 applications as these applications required further information.
- Review of 23 Environmental Impact Assessment Reports to inform the Board.
- Compliance, Monitoring and Enforcement visits around Upolu and Savaii
- Issuance of 57 stop orders for non-consented developments
- Update of the Development Consent Application Database
- Preparation of 8 DCA update reports to the Board
- Coordination of the Apia Waterfront Development Project. Activities of this project will be highlighted in section 4 of this report.

Analysis:

- The revenue generated from Development Consent Application fees within FY 16-17 amounted to SAT\$49,220
- In comparison to FY 15-16, there has been a slight decrease in the number of development applications registered for processing in FY 2016 – 2017. The number of DCAs registered in FY 15-16 was 842 while for FY 16-17 it was 817.
- The total capital value of developments that were submitted to the Agency for assessment within FY 16-17 was SAT\$222,382,571.70.

Sub- Output 8.2 Urban Management Section

The Urban Management Section (UMS) is tasked with resolving environmental and amenity issues that are reported to the Agency and which may have a detrimental impact on the living and working conditions of the general public. UMS registers, investigates and monitors issues for compliance to the Act and relevant policies. Mediation meetings between different parties are also undertaken to help resolve various issues/matters reported to the Agency. In some instances, UMS compiles and submits cases to the MNRE Legal Division for their legal advice for further enforcement actions.

The more specific tasks/activities undertaken by the UMS and the Principal Environmental Engineer included the:

- Registration and processing of 189 Public Complaints (PC)
- Inspection of 189 sites to confirm public issues; all in Upolu.
- Issuance of 8 stop orders to culprits
- Conducting of 136 mediation meetings with involved parties either on site or in the office.
- Resolution of 106 public complaints relating to environmental and amenity issues
- Referral of 2 cases to the Legal Division for advice on further enforcement action
- Update of the Public Complaints database
- Preparation of 8 updated PC reports to the Board
- Coordination of consultancy service to develop the National Effluent Standard for Samoa. This consultancy work was tendered in August 2016 and the National Institute of Water and Atmospheric

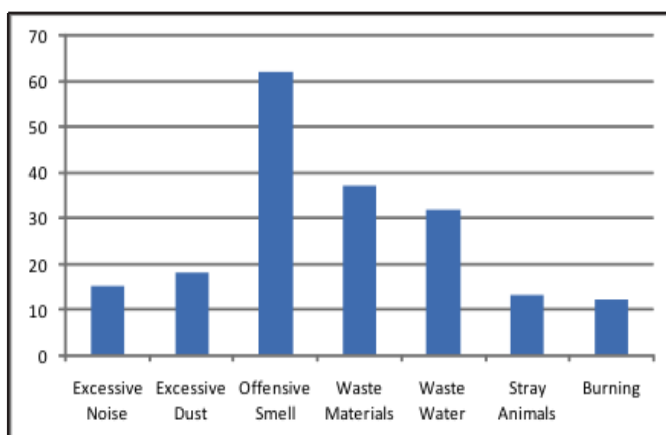
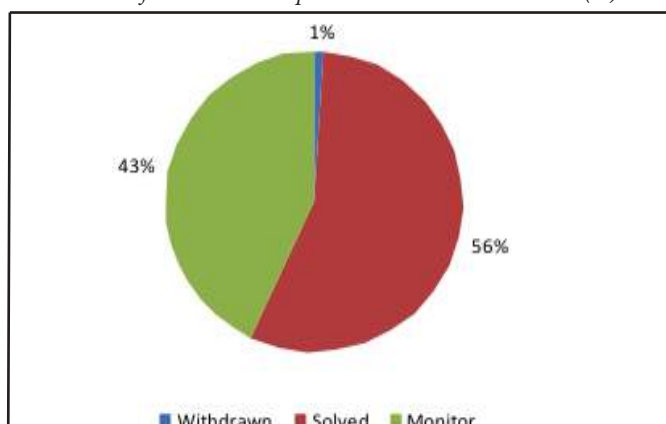
Research (NIWA) was awarded the contract in Nov 2016.

- Commemoration of the World Toilet Day on 18 November 2016 at the STA Fale. This activity was funded under PUMA's Water Sector component.
- Participation at the Annual Review of the Water and Sanitation Sector in Nov 2016
- Completed Annual Report for the Apia Urban Sanitation Survey in December 2016
- Conducted 9 monthly meetings for the Sanitation Subsector
- Participation at Drainage sub-sector meetings
- Participation at 7 Technical Steering Committee Meetings for Water and Sanitation Sector
- Participation at 5 Joint Water and Sanitation Steering Committee Meetings
- Signing of the Sanitation MOU between MoH, MNRE & MWTI for better coordination of Sanitation works and activities
- Coordination of consultancy service to develop the Vaiusu Bay Environment Impact Assessment (EIA). This consultancy work was tendered in July 2016 however negotiations with the winning bidder; Pacific Applied Science Consult (PASC) and variations to the draft contract meant a delay in the signing of the contract. Contract was ready for signing in June 2017.

Analysis:

- In comparison to FY 15-16, there has been a slight increase in the number of public complaints registered in FY 2016 – 2017. The number of Public Complaints registered in FY 15-16 was 139 while for FY 16-17 it was 189.
- As shown in the graph below, more than 50% of these complaints have been resolved.

Status of the Public Complaints Received FY2016-2017 (%)



Sub- Output 8.3 Strategic Planning Section

The Strategic Planning Section (SPS) primarily focuses on supporting the operation of the PUM Act 2004 in terms of internal procedures and processes to improve the overall efficiency and effectiveness of the Agency.

This includes the development of relevant plans, policies, guidelines (and similar) to guide the work of the Agency. The Strategic Planning section also takes lead in the coordination of planning related projects and the development of public information or activities about planning issues.

The more specific tasks/activities undertaken by the SPS included the:

- Coordination of the Adaptation Fund project to review and update 25 District CIM Plans. Activities of this project will be discussed in section 4 of this report.
- Coordination of the PPCR project to review and update 16 District CIM Plans. Activities of this project will be discussed in section 4 of this report.

Project Activities

Sub- Activity 8.3.1 Community Sanitation Project:

| | |
|----------------------------------|----------------------------|
| Grant Amount | US\$2,000,000.00 |
| Government of Samoa Contribution | US\$135,850.00 |
| Estimated Project Cost | US\$2,135,850.00 |
| Implementation Period | August 2014 – January 2017 |
| Development Partners | ADB and Japan Fund |
| Implementation progress | 100% complete |

The Community Sanitation Project was funded by the Japan Fund for Poverty Reduction but facilitated by the Asian Development Bank with PUMA as the implementing agency. The overall goal of the project was to give households access to improved sanitation services as many households in Samoa were noted to have poor performing septic tanks and systems.

To ensure that land, water resources, food supply and public health are not detrimentally affected by poor sanitation services, the project provided improved sanitation infrastructure to households that were located within low lying areas.

The implementation phase of the project was divided into three-phases. At the end of phase 3, a total of 770 plastic septic tanks were installed within 21 villages. Refer to the table below for the distribution of the plastic septic tanks.

As part of the project, water quality testing was undertaken to develop a baseline of environmental conditions within the selected villages. The baseline data has been captured in a database that the Agency will continue to use for monitoring purposes.



Water Quality testing

List of villages and number of plastic septic tanks installed.

| Phase | Villages | Original Entries | Variation #1 | Variation # 3 | Total House-holds |
|-------|----------------|------------------|--------------|---------------|-------------------|
| 1 | Falefa | 190 | - | - | 190 |
| 2 | Fusi | 70 | - | - | 70 |
| 2 | Salelesi | 55 | - | - | 55 |
| 2 | Eva | 45 | - | - | 45 |
| 3 | Aai o Niue | 3 | 15 | - | 18 |
| 3 | Apia | 43 | 18 | - | 61 |
| 3 | Fugalei | 15 | 4 | - | 19 |
| 3 | Leone | 20 | - | 4 | 24 |
| 3 | Levi Saleimoa | 63 | 15 | - | 78 |
| 3 | Levili Faatoia | 6 | 5 | 2 | 13 |
| 3 | Malifa | | 8 | 5 | 13 |
| 3 | Matafele | | 6 | - | 6 |
| 3 | Saleufi | 3 | 2 | - | 5 |
| 3 | Savalalo | 6 | 2 | 3 | 11 |
| 3 | Tauese | 11 | - | 2 | 13 |
| 3 | Taufusi | 19 | - | 6 | 25 |
| 3 | Togafuafua | 11 | 30 | 3 | 44 |
| 3 | Tufuiopa | 5 | 18 | 3 | 26 |
| 3 | Vailoa | 9 | 7 | 22 | 38 |
| 3 | Vaisigano | 16 | - | - | 16 |
| | | 590 | 130 | 50 | 770 |

Sub- Activity 8.3.2 Apia Waterfront Development Project

Funding Amount SAT\$ 1,165,044

Project Implementation Period April 2015 – March 2018

Development Partner NZMFAT

The more specific tasks/activities undertaken by the project team included the:

- Completion of the Draft Waterfront Plan in FY15-16 and the presentation of this draft to the Steering Committee in June 2016
- Appointment of the Waterfront Project Coordinator in August 2016
- Consultations on the Draft Waterfront Plan commenced in September – October 2016
- Launching of the Final Waterfront Plan in December 2016
- Coordination of the work of the NZMFAT Technical Adviser to the Apia Waterfront PMU to assist with finalizing the draft Waterfront Plan; November 2016.

- Meetings with Huizhou Municipality regarding the Waterfront Central Park in late 2016 and the in-country visit by Huizhou in February 2017.
- Tender and signing of Playground maintenance contract in May 2017 for the weekly monitoring and maintenance of the Play Space. Contract was signed with Fegaimaleata Landscaping.
- Signing of a new GFA in June 2017 for the Construction of Apia Waterfront Early Development Projects with a funding amount of NZD\$3,400,000. (MoF and NZMFAT)
- Consultancy Service contract for Rest area were due in June 2017, evaluation completed and contract to be signed in July 2017.
- DFAT Technical Assistance Facility had commenced on June 2017 to develop Urban Design Standards for the Waterfront.
- Approval by PSC to absorb the Project Coordinator's salary for FY17/18 into MNRE budget; to commence in June 2017.
- Development of Draft contents for Interpretative Signage's to be installed along the waterfront. Yet to be finalized.
- Coordination of Four (4) Waterfront Steering Committee meetings within FY 16-17

The programme has a 3-pronged structure, focusing on the implementation of on-the ground adaptation measures at the community level, integrated with sustainable development processes and supported through enhanced national institutional and knowledge management capacities.

The programme serves to implement the CIM Strategy which was originally prepared in 2000 and revised in 2006 to include specific references to CC related issues.

In this respect, 25 District CIM Plans are being reviewed and updated under this project.

The more specific tasks/activities undertaken by the SPS included the:

- 4 Quarterly Technical Advisory Group meetings
- Procurement of consultancy services for individual TAs (6) to conduct the Review of 25 CIM Plans. The TAs were procured by UNDP.
- Development of a Draft Relocation Strategy and formulation of draft Village Hazard Relocation Plans.
- Drainage Clearing Programme with LTA to address flooding issues in the two urban districts under AF (Vaimauga East and Vaimauga West).
- Executing and finalizing the CIM Plan Inventory exercise.
- Institutional Review and Strengthening of MNRE and PUMA paid for under AF.
- National Roads Standards review undertaken in collaboration with MWTI
- Upgrade and construction of roads in Fusi Saoluafata, Mulifanua, Pata Falelatai, and Tufutafoe (Savaii)
- Resourcing and evaluation of AF Small projects (12 Savaii & 21 Upolu) with plan to include 8 more to utilise remaining funds

Sub- Activity 8.3.4 Pilot Program for Climate Resilience

| | |
|-------------------------------|--------------------|
| Funding Amount | USD\$ 14.6 million |
| Project Implementation Period | 2014 - 2018 |
| Development Partner | World Bank |

The project aims to enhance the resilience of Samoan communities to Climate Change.

For this project, 16 District CIM Plans (Coastal Infrastructure Management Plans) are to be reviewed and updated with the scope of the review extended from the coastline to the ridge.

This requires an intense consultation process with all the villages within the 16 Districts.

The new revised CIM Plans will now be known as Community Integrated Management Plans and will be used as a planning document for the sustainable development of villages/districts.

These documents will be used by the villages themselves as well as government agencies as a guide to building resilient communities in Samoa.

The more specific tasks/activities undertaken by the SPS included the:

- Procurement of 6 individual consultants through the National Tenders Board to review and update 16 District CIM Plans. (see map for PPCR districts)
- Community Consultations for the review of the 16 District CIM Plans were carried out from August 2016 to April 2017
- Review of 5 draft District CIM Plans pending approval in FY 17-18
- Assessment of 8 small grants village projects implemented via CSSP.
- Assessment of 59 small grants village projects for approval in FY 17-18
- Trainings completed for Samoa Red Cross and ADRA by CSSP
- Development of the draft DSP to guide the implementation of large district sub-projects with approval pending in FY17-18.

Institutional Activities

Sub- Activity 8.3.5 Review of the PUM Act 2004.

PUMA, MNRE Legal Division and the Office of the Attorney General (OAG) reviewed the Act and suggested amendments to the Act to make the Act more practical for use and implementation. PUMA is awaiting clearance from OAG to the proposed amendments.

This Bill will then be put forward to Cabinet and the Legislative Assembly for review and approval in FY 17-18.

Sub- Activity 8.3.6 Proposed PUMA Notification Regulation

PUMA, MNRE Legal Division and Office of the Attorney General (OAG) worked to draft a Notification Regulation in FY 16-17.

A final version has been cleared by the OAG for Cabinet approval in FY 17-18.

Sub- Activity 8.3.7 Proposed PUMA Exemption Regulation

PUMA, MNRE Legal Division and Office of the Attorney General (OAG) worked to draft a Development Exemption Regulation.

The draft has been completed but this Regulation cannot yet be approved until the Principal Act has been amended.

Output 9: Water Resource Division

Table extracted from the Finance One System for all Outputs.

| 2881 - Sustainable Water Resources Mgmt | Actuals | Commitments | YTD | Utilisation % | Budget | Funds Remain | YTD Budget | Original Budget |
|---|----------------|-------------|----------------|---------------|----------------|--------------|---------------------|-----------------|
| Personnel | 815,221 | - | 815,221 | 94% | 864,564 | | | 864,564 |
| Operating | 72,190 | - | 72,190 | 99% | 72,691 | 501 | | 72,691 |
| Total | 887,412 | - | 887,412 | 95% | 937,255 | 501 | \$937,255.08 | 937,255 |

Table extracted from the Ministry Budget Full Year Review submitted to the Ministry of Finance (FY16/17) for all Outputs

| Performance Measure/Indicator | Budget Standard or Target | Traffic Light Progress Indicator | Comments |
|---|---|----------------------------------|--|
| Number of Watershed Management Plans (WMPs) implemented and reviewed. | 3 | Completed/Achieved | Final Drafts in Place for Submission to CDC, Implementation at all 3 sites have commenced |
| Percentage of WMPs under implementation (Monitored for compliance) | 40% | Completed/Achieved | Implementations are progressing in accordance with the WMPs of the various areas. Activities include boundary demarcations, fencing, replanting works, community nurseries |
| Cumulative total hectares of prioritised watershed areas rehabilitated and / or declared reserves | 262ha | Completed/Achieved | New replanting activities have ensured the achievement of the target. New areas included plots at the 3 sites of Letogo, Vailele and Fagalii. There are additional sites including Nuusuatia and also other areas done in conjunction with the DEC and Forestry Division under the 2 Million Tree Campaign. |
| Groundwater potentiometric map developed using established monitoring boreholes | 22% | Completed/Achieved | Profiles developed from boreholes inform the map |
| Number of monitoring boreholes drilled and feasible for groundwater monitoring | 3 new monitoring boreholes (Salailua, Vaisala & Faleula) | Incomplete | Funds under Budget Support ceased in December 2017. As there were no major avenues to cater for this expensive investment, work was mainly on data acquisition and analysis, while drilling works ceased. Concern was raised with MOF and Water Sector on the need to separate budgets so as to avoid over utilisation which can lead to limited available funds for appropriated works. Funds went to payment of overdue consultancy works and travel under the Sector, regressing progress for the drilling works. |
| Regulatory tools in place and implemented, including policies, abstraction licenses, drilling permits and village by laws | 6 new water abstraction licenses | Completed/Achieved | 6 abstraction licenses applications from SWA were approved and the other 6 were referred back for more information. Limited board meeting meant that payment of these licenses were not made within the Financial Year 2016-17. |
| Effective Community Extension Services | Extension services expanded to Nuusuatia, Saoluafata, Leusoalii | Completed/Achieved | There was a lot of work achieved with the extension services and working with the communities. There were community plots established in collaboration with the villages, so as to continue their previous work under the ICCRIFS Project. ICCRIFS Project sites relevant to WRM has been taken over by WRD for maintenance and community extension. |
| Regular bi-monthly subsector meetings held | Monthly Water Resources Board meetings and bi-monthly sub-sector meetings | Completed/Achieved | Meetings were convened as per requirement |

Strategy 2.1: Strengthening Watershed Conservation and Management

Priority of the Water Resources Management Subsector remains on the protection and conservation of our watershed and catchment areas. Much effort and investment remain focused on maintaining a good forest cover over the catchment areas, and critical riparian zones.

This is to enable and to ensure that there continues to be sufficient river flows during the dry periods, while at the same time regulating flood events and retaining sediment transport during periods of heavy rainfall.

There have been many efforts by the Water Resources Division and its stakeholders in the replanting and rehabilitation of areas that have been degraded due to unsustainable development activities such as agricultural farming and the clearing of lands for residential and commercial establishments.

This is especially necessary along the riverside and upland catchment basins where the majority of our water source is captured, stored and eventually discharged. In addition to rehabilitation activities, there has also been the fencing off of reserved lands in an effort to demarcate protected areas to prevent encroachment of farming activities into these rehabilitated lands.

With the Upland Watershed Conservation Policy in place, the protection of our Upland Water Towers remains a key issue. There is hope for the development of this Policy into a Regulation under the GCF Project, to ensure there is more regulatory power to assist with the government's efforts in preserving critical areas within our upper watersheds.

Strategy 2.2: Improve Knowledge and Understanding of Water Resources;

To guarantee the accuracy and the availability of information on water resources, fortnightly monitoring and maintenance is carried out. This data continues to be updated into the National Water Resources Information System (NWRIMS). The network has been expanded into other areas of the country, with the ongoing upgrading of all stations to telemetry system for real-time information.

There are currently 15 rain gauges, 12 water level and flow gauges, and a total of 25 monitoring boreholes located around the country to feed into the hydrometric network. There has been 1 less water level station as the Seugagogo water level and flow gauging station has been removed due to land issues with the landowner.

A total of 52 telemetry stations are now in place including stations managed by the WRD and other offices.

Strategy 2.3: Improve the enabling environment for water resources management;

The existing Legal Framework for Water Resources Management and its implementation remains as one of the key priorities under the water resource management mandate. This includes the continuous administration and enforcement of the Water Resources Management Act 2008 as well as all related regulations, policies, bylaws and plans.

There is also the administration of water abstraction activities by all water developers through the implementation of the Water Abstraction Licensing Scheme. Regular bi-monthly monitoring and enforcement activities ensure that all abstraction activities are monitored to ensure the quantity of water abstracted from the environment is in accordance with the terms and conditions of the licenses issued.

The River Ecosystem Health Monitoring Program continues to be very successful in monitoring waste disposal into the rivers channels around the Apia Urban Area. This program has extended from just four of the major river channels within Apia, to include the Fagalii river.

The fortnightly monitoring has seen many Precautionary Notices being issued to families and individuals for the disposal of waste materials into the river and drainage channels around Apia. These activities have contributed greatly to the safeguarding of the well being of the aquatic species and ecosystems within these river channels, as well as ensuring the quality of our water resource is not compromised.

The continuous development of village bylaws within the communities is also an ongoing activity with a total of three new bylaws being developed and finalized within the current reporting period. This is to ensure a sense of ownership for the communities in managing our water resources and protecting them from unsustainable use and practices.

The development of these bylaws as well as the Watershed Management Plans for the catchment areas, takes a consultative approach and through this we engage many stakeholders and community members. Our various Implementing Agencies are also regularly engaged through our bi-monthly Water Resource Technical Committee meetings as well as through the Water Resource Board. This is also used as an opportunity to ensure that issues involving water resources are addressed and resolved.

Strategy 2.4: Strengthen community engagement in water resources management.

As part of its community engagement efforts, WRD has signed Memorandum of Understanding (MoU) with a number of villages to gauge their support in water resource management activities such as the rehabilitation of catchment areas through replanting. These villages include Lepa, Aufaga, Letogo/Vailele, Faleaseela and Fagalii.

Although the WRD have secured partnership with some villages through the MOUs, it did not entirely cover other critical issues facing Samoa's water resources.

To further address the existing and future water issues, the Ministry through WRD and the Samoa Water Authority, hosted the 1st National Water Leaders Forum during the National Environment Week, November 2016.

This high level forum was conducted in parallel with the Youth Water Leaders Forum whereby different colleges were engaged in carrying out water testing and presentations from the staff on both surface and groundwater.

It is anticipated that this high-level forum will be at a bi-annual basis.

| FY 16/17 Hectares breakdown and analysis | | |
|--|--------------|---|
| Watershed/sites | Hectares | Analysis |
| Fagali'i Watershed | 5.5 | Extension of Fagali'i Reserve area conducted under the community based program. Matais and youths from Fagali'i village participated and collaborated with Water Resources Division on planting the 20meters natural reserve area of the River. This activity is ongoing and we will report new expansions in the next Annual Report. |
| Malololelei | 3.2 | Part of the 30 acres NPF land in Malololelei that was compensated during 2012-2014 and was a joined tree planting activity with FD, Parks and Reserves and communities. |
| Sala'ilua Reserve | 4 | Revitalization of the source (Fencing off the reserve) and planting under the community engagement program with Salailua community |
| Fiaga Power Station (EPC) | 5.16 | 12.75 acres of the Fiaga Power station has been replanted as part of the rehabilitation efforts by the Ministry in collaboration with the Electric Power Corporation. |
| Fusi Saolufata | 1.4 | Collaborated tree planting with FD under the Two Million tree planting campaign. |
| Leusoalii | 2.02 | Tree planting activity in this area was done in collaboration with the Forestry Division of the MNRE in support of the 2million Tree Campaign. |
| Total | 21.28 | |

The 2017 Water and Forest Day commemoration focused on research. The students of the National University of Samoa were tasked with water related research topics to undertake assessments on. This was a great achievement together with the NUS as it really boosted student interest in water engineering.

Through its bi-monthly Technical Committee meetings, the WRD engages with its stakeholders on a regular basis. These stakeholders include all the key Implementing Agencies within the Water Resource Management Subsector including the Meteorology who continue to provide rainfall and temperature data which is relevant to monitoring water resources, the Samoa Water Authority who are the main water supply utility service in the country, and also the Scientific Research Organization of Samoa who are continuously engaged to carry out internationally certified water quality testing.

However, some of these habits return after a couple of months, warranting follow up monitoring and enforcements. Six (6) new licenses were issued within this fiscal year to Samoa Water Authority totaling to 24 licenses, with all other water developers complying with license conditions. There is a need to improve on this number and the SWA has been urged to please comply.

The development of the Samoa National Water Resources Management Plan is still outstanding due to budget constraints, but the WRD notes that its formulation will provide strengthened enforcement to the current policy and legal framework, with the update of the water resources information. The same goes for the outstanding Drought Policy.

The upgrade of the hydrometric network for real-time data availability has been completed, with assistance from EU and the World Bank. There is investment in a new Field Office to ensure that the data is received, processed and stored in a well secured location. It is envisaged this new field office will also house a server and remote small-scale laboratory for water resources ambient quality unit.

Water Quality monitoring has been progressing with the update of the existing database and training of internal personnel to carry out the continuous update. There has also been investment in the training of staff through twinning arrangements (more of a secondment arrangement) with NIWA to enable on the job training using state of the art equipments and standards.

Part of these trainings will include data management and analysis to formulate products which are useful to the stakeholders for their decision making and planning.

Community engagement continues to be a great achievement in the past year in which partnership with CSOs, NGOs and other agencies will continue to be reinforced in the future. The support from the community and village level has been significance in the management of the water resource of Samoa

The implementation of the Participatory 3 Dimensional Model tool continues to provide opportunities for community engagement and stakeholders from different audiences.

The fiscal year FY2017-2018 will continue to target the political boundaries and leadership grounds for a successful awareness of the water resource management.

Capacity Building: Constant capacity building and upgrade of hydro-catchment knowledge is essential to IWRM. It has been promising working with the Aid Division of MOF in securing funding under TCF to ensure yearly twinning arrangements with NIWA to support data management and field monitoring of the team.

Other training needs to support other areas of the work will be undertaken through other projects such as the World Bank Pacific Resilience Program (PREP).

Output 10: Disaster Management

Table extracted from the Finance One System for all Outputs.

| 2882 - Disaster Management | Actuals | Commitments | YTD | Utilisation % | Budget | Funds Remain | YTD Budget | Original Budget |
|----------------------------|----------------|-------------|----------------|---------------|----------------|--------------|---------------------|-----------------|
| Personnel | 319,557 | - | 319,557 | 100% | 320,635 | | | 328,635 |
| Operating | 102,927 | - | 102,927 | 100% | 102,928 | 1 | | 94,928 |
| Total | 422,484 | - | 422,484 | 100% | 423,563 | 1 | \$423,563.04 | 423,563 |

Table extracted from the Ministry Budget Full Year Review submitted to the Ministry of Finance (FY16/17) for all Outputs

| Performance Measure/ Indicators | Budget Standard or Target | Traffic Light Progress Indicator | Comments |
|--|---|--|---|
| Number of response agencies, businesses, and NGOs trained using training toolkit for response agencies and have response plans in place | 20 agencies trained and have response plans in place | Completed / Achieved | 12 Disaster Management Plans developed including trainings/discussions with agencies, businesses, international agencies e.g. US Peace Corps and schools In addition, a total of 19 trainings in specific skills and knowledge for sectors and agencies were conducted including DRM and CC mainstreaming, risks tools, incident coordinated management |
| Number of villages that have completed training and have disaster plans in place | 25 village disaster management plans developed | Incomplete | The Target set for the 2016-17 FY was ideally established on the notion that there will be funding available through the EWACC project to cover some of the villages. Unfortunately, there was re-prioritization in activities as the year rolled out. Thus, the lack of funding resulted in the low number of VCDMP formulated, however the EWACC and NZ-MCDEM greatly assisted in funding the Household Survey component of the Activity covering a total number of 113 villages in the survey. |
| Number of awareness programs and simulations conducted and awareness materials disseminated | 25 awareness programs and three simulations conducted | Completed / Achieved | 3 * Newsletters published, 5*awareness presentations, 1 * National DRM & CC Information Sharing Platform, 3* Competitions (village first aid, schools posters competition for early childhood and primary), 4* quarterly inflight leaflets on Polynesian Airline between Samoa & American Samoa, 4* Articles published on Samoa Observer, 4* TV Advertisements developed and broadcasted on TV1, TV3 and EFKS TV, Emergency Kit Advertisement, screened on display screens in TATTE Building, Faleolo Airport, Motootua Hospital, & Mulifanua Wharf), A total of |
| Number of buildings assessed and declared as evacuation centres | 15 buildings assessed and declared as evacuation centre | Completed / Achieved | Completed Assessment of 48 schools and produced two assessment reports. |
| Number of improvement and maintenance works to the emergency radio network, siren system and other means to improve early warning system | 3 improvement works implemented | Completed / Achieved | Completed two (2) maintenance and upgrade (change of spare parts) to the emergency radio network (ERN) and one for emergency siren network (ESN) and 12 months siren tests |
| Number of risk assessments conducted and coastal and riverbank protection completed | 6 risk assessments conducted, and at least 10% of recommendations implemented | Completed / Achieved | 13 risk assessments conducted and about 5% of recommendations implement, 3% awaiting funding for implementation and 2% referred to related stakeholders for implementation as thus falls under jurisdiction. |

This financial year's overall objective focused on mainstreaming of disaster risk management (DRM) and climate change (CC) risks from the overarching Strategy for the Development of Samoa to the fourteen sectors plans as well as line ministries and agencies corporate plans.

Although this was the focus in the last two years, we felt that it still need in-depth and comprehensive capacity building to enable more meaningful mainstreaming of DRM and CC to ensure sustainability into the future.

Mainstreaming Disaster Risk Management and Climate Change With financial assistance from the EDF10 Intra ACP-EU "Building Safety and Resilience in the Pacific Project", a comprehensive review of the National Disaster Management Plan (NDMP) 2011-2014, the Disaster Risk Management National Action Plan (DRM NAP) 2011-2016 and the review of the Disaster and Emergency Management Act 2007 (DEM Act) was made possible.

The main objective of the review was to develop a revised NDMP and DRM NAP to enable the mainstreaming of DRM and CC across all sectors and to put in place a monitoring and evaluation tool to monitor the status of mainstreaming across all sectors.

Out of this review, the NDMP 2017-2020, the DRM NAP 2017-2021, the Review Report on the DEM Act including of recommendations to strengthen monitoring of compliance with its provisions, the Mainstreaming Guide, the Recommended Actions for DRM and Climate Change to enable integration of these interventions for each of the 14 Sectors and the Monitoring and Evaluation Tool for Mainstreaming (MoM) for DRM and CC.

The mainstreaming initiative supports the efforts by the Ministry of Finance to mainstream these cross cutting issues across all sectors which also contributes to the achievement of resilience which is the focus of the Strategy for the Development of Samoa (SDS) 2016-2020.

A series of national and sector workshops, one to one meetings with DAC member agencies and sector coordination units as well as the Disaster Advisory Committee, and NDMP Review Task Team were conducted over the course of twelve months. Inclusive in the sector workshops were sector simulations to help increase the awareness of the sectors and sector coordination units of their sector responsibilities during response in particular coordination of communication, reporting and resource mobilisation during emergency situations.

Monitoring of Mainstreaming (MoM)

The development of the monitoring tool for mainstreaming and implementation of this monitoring helped in producing the baseline data on where the Sectors are in implementing disaster and climate change risk management interventions to reduce exposure of assets, networks and services against the impacts of disasters and climate change to achieve resilience. This baseline also supports the recommended interventions for each sector to improve their level of preparedness, strengthen advocacy and engagement on DRM and CC and has provided the baseline to measure progress towards the achievement of resilience as advocated and required by the SDS 2016-2020.

National Risk Standard

Being the focal point for risk assessment and reduction interventions, the DMO endeavoured to develop a National Risk Standard. With the assistance from the Government of Australia through its Australian Civilian Corp program, an engineer was sourced to work with the office and stakeholders to develop this standard. The standard followed the Australian and New Zealand Risk Standard (ISO 31000:2009) which was used to facilitate the implementation of a very preliminary risk assessment to inform the development of the National Disaster Management Plan. The need to have this standard in place is to ensure that the risks is contextualised to take into account the natural and built environment of Samoa, hazards that have the potential to affect Samoa, local vulnerability and exposure and ensure there is consistency across the board to allow for data extrapolation and comparison to achieve quality decision making. The National Risk Standard is being finalised for launch and use by the wider disaster and climate change community of practice in Samoa.

Risk Assessments to Determine Vulnerability, Exposure and Capacity to Cope

To put the risk standard into practice prior to endorsement, a number of risk assessments were undertaken in this financial year. These risk assessments included (1) Mt. Vaea Study which looked at the risks of landslides triggered by seismic activities, torrential rainfall, poorly designed land use practices and development including drainage problems; (2) Health facilities and capacity focusing on all health facilities at national, district and village levels, facilities' capacity to accommodate mass casualties and health crisis, health service continuity by investigating service inter-dependability on other lifeline services such as water, power, access and communication as well as and structural integrity of health facilities; and (3) Tafaigata Landfill Facility to investigate its operations and

method used to reduce exposure of waste to weather conditions and human activities within the vicinity to prevent health issues, reduce contamination of ground water and degradation of surrounding natural and built environment.

The implementation of these risk assessments follows the national risk standard that has been developed for Samoa and have adopted the data requirements of the Riskscape Tool developed through the Pacific Risk Tool for Resilience Project (PARTneR) funded by the Government of New Zealand. The PARTneR project is implemented by the NIWA in collaboration with the DMO and its purpose to tailor the Riskscape tool for use in Samoa to determine potential damages and losses and their price tag. This project brings a total of \$2.4 million New Zealand Dollars.

Community Preparedness and Readiness Recognition

Increasing the level of preparedness of each household and villages through the implementation of the community disaster and climate risk management program (CDCRM) is one of the key program initiated by the Government through the DMO in 2011 to build the resilience of the Samoan communities. Financial assistance was further secured through the Economy-wide Integration of climate change and disaster risk management to reduce climate vulnerability of communities in Samoa Project (EWACC) funded by the Global Environment Facility through the Least Developed Country Fund (GEF/LDCF).

This assistance enabled the completion of the Household Survey for 101 villages in Upolu and Savaii to inform the determination of vulnerable and exposed households and delivery of five (5) modules that investigate risks, establish village-based disaster response governance structure including village response teams, develop village disaster plan and test skills and plan through simulation exercise.

Further financial assistance was received from the Government of New Zealand through the Disaster Risk Management Project to continue this household survey to an additional 12 villages. In addition, the Adventist Development and Relief Agency (ADRA), which is one of the implementing agencies of the CDCRM, is also implementing it in other villages allocated to them by the DMO.



Community disaster and climate risk management program (CDCRM) practised in villages around Upolu and Savaii.

To date, a total of 148 villages have gone through the household survey with a total of 27 villages have completed the full program. About 214 villages remains to go through the household survey and 335 villages to complete the full program.

In addition, through the CDCRM, the village of Savaia Lefaga was officially recognised as a tsunami-ready village under the UNESCO IOC Guidelines. This is the first village in Samoa and the whole Pacific region to go through this program and become a tsunami ready village.

This recognition process will be integrated into the CDCRM at the district level. The initiative was funded by the DRM Project funded by New Zealand, US NOAA through International Tsunami Information Centre and UNESCO IOC.

Flood Risk Reduction

During this FY, the construction of the Vaisigano River revetment wall started with the construction of the revetment wall in parts of Segment 2 and 3 to a level to protect the penstock which is being rehabilitated with funding from the Asian Development Bank and executed by EPC.

The construction of the revetment wall is funded through the EWACC Project. In addition the contract for the construction of the Segment 1 revetment wall was finalised in this period and ready for execution in the beginning of the FY2017/2018 while the remaining parts of the wall in segment 2 and 3 will be funded through the Green Climate Fund Project. The purpose of this infrastructure is to reduce flood risks within the Vaisigano River area.



Construction of a revetment wall Vaisigano River

Multi-Hazard Early Warning Systems (MHEWS)

The implementation of a multi-hazard early warning system is being implemented through the Pacific Resilience Project funded by the World Bank.

A total grant of about \$13 million US dollars' worth of project became operational in October 2015 and will fund the integration of all EWS for weather, climate and seismic into one system through the development of a common platform to enable the analysis, compilation and dissemination of warning products and services through a multiple means of information dissemination.

The project implementation unit was established with the recruitment of the Project Manager and Implementation Support Specialist pending the appointment of a procurement as well as a Monitoring and Evaluation Officer. The project is co-implemented by MNRE through the DMO, Meteorology and Water Resources Divisions as well as the Ministry of Finance.

Improved Coordination and Response through Simulation Exercises – PACWAVE17

Through the Disaster Risk Management Project funded by the Government of New Zealand, the division was able to

coordination and organise a national level tabletop simulation exercise called “Samoa Exercise PACWAVE17”. The exercise is based on the Pacific Ocean-wide tsunami exercise which is conducted on a biennial basis to test the Pacific Tsunami Warning and Mitigation System as well as National tsunami warning and mitigation systems.

The exercise was attended by representatives of the Disaster Advisory Committee including sector coordination units, international humanitarian actors, as well as the village of Savaia Lefaga. There was no disaster event that required a coordinated response under the National Disaster Management Plan during this period.

Output 11: Water and Sanitation Sector Coordination Division

Table extracted from the Finance One System for all Outputs.

| 2883 - Water Sector Co-ordination Unit | Actuals | Commitments | YTD | Utilisation % | Budget | Funds Remain | YTD Budget | Original Budget |
|--|------------------|-------------|------------------|---------------|------------------|---------------|-----------------------|------------------|
| Personnel | 285,124 | - | 285,124 | 98% | 291,171 | | | 291,171 |
| Operating | 757,142 | - | 757,142 | 97% | 782,346 | 25,204 | | 782,346 |
| Capital | 2,791 | - | 2,791 | 7% | 40,000 | 37,209 | | 40,000 |
| Total | 1,045,058 | - | 1,045,058 | 94% | 1,113,517 | 62,413 | \$1,113,517.08 | 1,113,517 |

Table extracted from the Ministry Budget Full Year Review submitted to the Ministry of Finance (FY16/17) for all Outputs

| Performance Measure/Indicator | Budget Standard or Target | Traffic Light Progress Indicator | Comments |
|---|--|----------------------------------|---|
| Review and Update of WFL 2012-2016 | Updated of Water for Life Sector Plan 2016-2020 | Completed/Achieved | Water for Life Sector Plan 2016-2020 launched and approved by the Cabinet Development Committee for Implementation |
| Review and Update of Long Term Investment Plan | Updated of Water Sector Investment Plan 2016-2026 | Completed/Achieved | Water and Sanitation Long Term Investment (10 year IP) updated in accordance to the sector Budget Prioritised Activities for FY16/17 and implementation done accordingly. |
| Implementation Phase 1 - Capacity Building Plan | 35% | Completed/Achieved | Implementation of the Sector Capacity Building Plan have exceeded 50% and now due to be reviewed. |
| Update National Census to include WASH Indicators | National Census 2017 to include WASH indicators | Completed/Achieved | WASH Baseline indicators already integrated into the Census questionnaire for the last national census 2016 conducted |
| Annual review and update of sector MTEF | Updated MTEF 2016-2020 | Completed/Achieved | MTEF already updated to include approved budget for FY16/17 and forward estimates for the next 3 years |
| 3.1 Regularity of NWSCC, JWSSC, TSC and subsector committees' meetings at 64 meetings a year | 100% | Completed/Achieved | More than 80% of all required sector meetings were conducted with reports, minutes and required documents compiled and filed. |
| Sector Annual Reviews | 2014-2015 Annual Performance Review Report Published/Printing 2015-2016 Performance Review Report in Draft | Completed/Achieved | The 8th Water and Sanitation Sector Annual Review Report has been printed and launched in the 9th Annual Review Event for the sector held in November 2016 with the draft of the 9th Annual Review Report for FY15/16 presented and tabled for comments at the review |
| Independent bi-annual WFL evaluations | Review and Update of WFL (2016-2020) | Completed/Achieved | Review of the plan already completed |
| Annual Water and Sanitation Forums | 6th National Water and Sanitation Forum with Research Papers published in the Samoa Water and Sanitation Journal Volume 1 No 3 | Completed/Achieved | The 6th National Water and Sanitation Forum was held in conjunction with the sector Review in November 2016. The final research reports will be launched at the Joint Water and Sanitation Sector Review and Forum for FY 16/17 to be held in the upcoming November 2017. |
| Sector communication strategy developed and under implementation | Communication Strategy implemented | Completed/Achieved | More than 50% of the recommended outcomes in the plan already implemented |
| Implementation of Sector disaster preparedness and response plan in place with annual drills to test response procedures | Sector Disaster Management Plan implemented | Completed/Achieved | The existing Disaster Management Plan already implemented and will be reviewed in the FY17/18 |
| Increased access to sector related national research/survey/studies work | 10 research papers | Completed/Achieved | 4 Research Papers were implemented in accordance to the budget approved for this specific activity |
| Monitoring and Evaluation of 2400 Rain-water tanks and 2400 VIP latrines supplied for vulnerable households | on going | Completed/Achieved | Monitoring of MDG is an ongoing task every year |
| Legislative framework in place and enforced | Regulations implemented and enforced | Completed/Achieved | Plumbers Association legislation already in place. Awareness programs have been implemented in FY16/17 with ongoing enforcement measures conducted. |
| Annual Maintenance of Sludge Facilities | Annual | Completed/Achieved | Achieved |
| Volume of sludge (from desludging) at the Sludge Treatment Facilities on a monthly basis in proportion to the Plants treatment capacities | Baseline + 18% | Completed/Achieved | Achieved |
| Percentage of public toilets fully operational and comply with national sanitation/hygiene guidelines | 100% | Completed/Achieved | Achieved |
| Commemoration of National Toilet Day 2016 | National Toilet Day 2016 | Completed/Achieved | National Toilet Day held on 18th November 2017. |
| Regular monthly subsector meetings | Regular monthly subsector meetings | Completed/Achieved | National Toilet Day held on 18th November 2017. |

The Service Division provides day to day coordination and governance of the Water and Sanitation Sector and can be considered as the essential glue that binds the sector.

The Water and Sanitation (WSS) Sector is one of the fourteen key sectors in Samoa under the Government planning initiative. It is also one of the priority sectors as it directly impacts on the quality of life of the people and overall productivity of the population.

Implementing Agencies

- Ministry of Natural Resources and Environment (MNRE): WSSCD, DEC, PUMA, RED, Legal, WRD
- Ministry of Health (MOH)
- Ministry of Works Transport and Infrastructure (MWTI)
- Ministry Women, Community and Social Development (MWCSD)
- Samoa Water Authority (SWA)
- Land Transport Authority (LTA)
- Samoa Tourism Authority (STA)
- Independent Water Schemes Association (IWSA)
- Samoa Red Cross Society (SRCS)
- Plumbers Association of Samoa (PAS)

Its key roles include; sector policy, planning, programming, financing, performance monitoring and evaluation, coordination and communications with its key outcome as per the Water for Life Sector Plan 2016-2020 is to “strengthen sector governance to guide and sustain sector developments”.

For FY 2016-2017, WSCU was able to achieve 95% of its planned activities for the year which included the following notable achievements within the reporting period;

- Completed the review and update of the Water and Sanitation Sector Plan which is now the Water and Sanitation Sector “Water for Life” Sector Plan 2016-2020 and approved by CDC and launched during the World Water and Forests Day 2016.
- Completed the first Water and Sanitation Sector Communications Strategy for FY17/18 to improve communication amongst the sector’s Implementing Agencies and stakeholders
- Completed and launched the first Water, Sanitation and Hygiene (WASH) Baseline Survey 2015 with the MNRE’s Environment week in November 2016.
- Received on behalf of the Water and Sanitation Sector the Partnership Initiative of the Year Award for 2016 at the 9th Pacific Water and Wastewater Conference 2016 held in Tonga. Furthermore, Samoa also won the bid for hosting the PWWA conference for 2017 at which has been confirmed to be held in the country in August 7-11, 2017 with the sector hosting the conference.

The first PWWA Central office will also be established in Samoa to be funded by the Water and Sanitation Sector through the WSSCD- MNRE as approved by the Cabinet.

All in all, the Sector as a whole has achieved a lot during the year in different areas at which they provide their service specifically in improving water supply, water resource management, drinking water quality, sanitation and urban flood mitigation in the country.

The WSCU is responsible for Outcome 11 of the Ministry with the objective of ‘Strengthening sector governance and orientation’.

Sector’s Financial Report FY 2016-2017

Total approved budget for the Water and Sanitation Sector for FY2016/2017 from the Water and Sanitation Sector Budget Support Program is just over SAT17 million.

This was divided accordingly amongst the Key Implementing Agencies of the Sector as per the sector priorities for the reporting period.

Table 2: Approved Sector’s Consolidated Budget for FY 2016-2017

| No. | Subsector | Responsible Sector IAs | Total Approved FY 2016 - 2017 | % |
|--------------|---------------------------------------|--|-------------------------------|-----|
| 1 | Governance Subsector | WSSSD - MNRE | \$431,339.40 | 3% |
| 2 | Water Resources Management Subsector | WRD -MNRE | \$2,462,856.10 | 14% |
| 3 | Water Supply Subsector | SWA, PAS, IWS/ MWCSD | \$10,697,808.00 | 63% |
| 4 | Drinking Water Quality Subsector | MOH | \$88,500.00 | 1% |
| 5 | Sanitation Subsector | PUMA , RED, MWTI, MOH, SWA, IWS/ MWCSD, STA, PAS, SRCS | \$885,150.00 | 5% |
| 6 | Flood Mitigation - Drainage Subsector | MWTI, LTA | \$2,546,980.00 | 15% |
| Total | | | \$17,112,633.50 | |

Table 2 provides a summary of the funds per subsector approved for FY2016/2017 from the Water and Sanitation Sector Support Program Funds from the European Union through the Government of Samoa’s Budget Support Program. Furthermore, Figure 1 depicts the composition of the approved sector budget for FY2016/2017 per subsector.

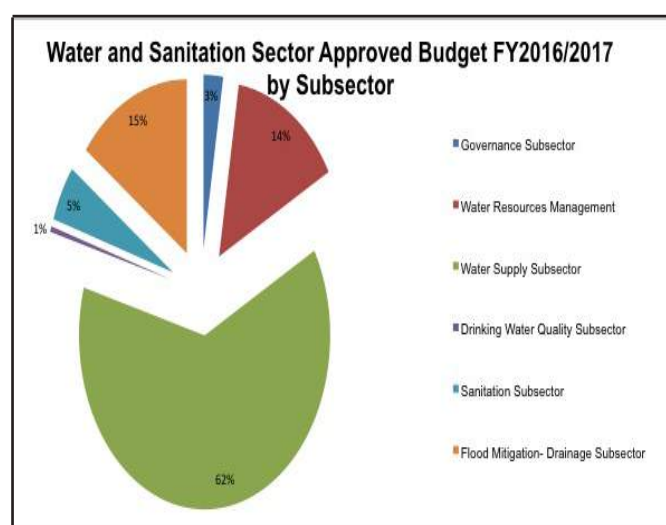


Figure 1: Water and Sanitation Sector Approved Budget FY2016/2017 by Subsector

| WSSCD PERFORMANCE REPORT CARD | | | | | | |
|-------------------------------|--|--------|---|--------|--------------|--|
| FOCAL PERSON | | | Coordinator, Water and Sanitation Sector | | | |
| STRATEGY | | | WATER FOR LIFE ACTIONS (FY 2016 - 2017) | STATUS | REMARKS | |
| 11.3 | Effective coordination framework in place | 11.3.1 | 100% Sector Coordination Scheduled meetings held | 90% | Achieved: | 4 JWSSC meetings held within the FY with minutes and quarterly reports compiled for each meeting. |
| | | | | | Achieved: | 10 out of 12 TSC meetings took place within the FY with minutes and reports compiled for each meeting. |
| | | | | | Achieved: | more than 50% of the required subsector meeting took place within the FY. |
| 11.4 | Robust and effective monitoring and evaluation systems in place | 11.4.1 | 50% of Sector Performance Data are collated and reported on | 100% | Achieved: | the Sector Performance Monitoring System is continuously updated annually. The data is used for the compilation of quarterly and annual reports from time to time. |
| | | 11.4.2 | Sector 9th Annual Review conducted | 100% | Achieved: | The sector conducted its 9th AR in November 2016 |
| | | 11.4.3 | Launching of the final 8th Annual Review Report | 100% | Achieved: | The final 8th Annual Review Report for FY2014/2015 was launched at the 9th Sector Annual Review event. |
| | | 11.4.4 | 6th Water and Sanitation Forum conducted | 100% | Achieved: | The 6th Joint Water and Sanitation Sector Forum took place in conjunction with the 9th Sector Annual Review in November 2016 whereby all researchers under the Water and Sanitation Research Initiative Program for FY2015/2016 presented. |
| | | 11.4.5 | Publication of the FY14/15 Research Papers (3rd edition) | 50% | In Progress: | The final research reports for FY14/15 are under the review process by the selected Peer Review Committee (PRC) with the launch of this edition of the Journal planned for FY2017/2018 |
| 11.5 | Coordinated Sector Communication Strategy | 11.5.1 | Implementation of the Sector Communication Strategy | 100% | In Progress: | The sector communication strategy has been completed with implementation now in good progress. |
| | | 11.5.2 | Upgrade Sector Webpage/ Website | 20% | In Progress: | The Ministry's website upgrades in progress with the division's webpage upgrades in progress with web linkages to all its Implementing Agencies websites. |
| | | 11.5.3 | Issue of Quarterly Newsletters | 100% | Achieved: | Timely sector newsletters are prepared and disseminated to all sector IAs within the MNRE and external. |
| 11.6 | Strengthened sector disaster preparedness and response | 11.6.1 | Implementation of the Sector Disaster Preparedness and Response Plan FY 16-17 | 50% | In Progress: | Continuous implementation of the sector DPRP. The plan is to be reviewed next FY with the development of an associated Operations Manual |
| 11.7 | Improved knowledge of sector issues at the national and community levels to improve community engagement in all sector developments. | 11.7.1 | Execution of 3 Research Studies/Assessments for | | In Progress: | Three (3) research studies have commenced for FY2016/2017 endorsed by the Peer Review Committee with Memorandum of Agreements (MOAs) with the selected researchers already in place. |
| 11.8 | Increased access to safe water supply, basic sanitation and improved food security for vulnerable households. | 11.8.1 | Monitoring Program for 1200 Rainwater Harvesting Tanks | 100% | Achieved: | MDG program already completed in FY14/15 with final report submitted to EU. Follow up monitoring programs will be held annually in following years |
| | | 11.8.2 | Monitoring Program for 1200 VIP Latrines | 100% | | |
| | | 11.8.3 | Monitoring Program for 1200 Vegetable Gardens | 100% | | |
| | | | | | | |
| 11.9 | Strengthened framework in place for improved plumbing trade and professional engineers | 11.9.1 | Plumbers Association of Samoa regulation implemented | 100% | Achieved: | The National Effluent Standards development in good progress to be completed within the FY2017/2018 |
| | | 11.9.2 | 100% of Qualified Plumbers Certified | 70% | In Progress: | The TOR for the TA to undertake this assignment is now in draft to be executed in FY2017/2018 |
| | | 11.9.3 | Institution of Professional Engineers Samoa (IPES) Act developed | 80% | In Progress: | Selection has been made and finalised on the Technical Assistance to carry out this assignment. Contract is now under development for signing with the implementation to take place early in FY2017/2018. |

| WSSCD PERFORMANCE REPORT CARD | | | | | | |
|-------------------------------|--|---------|---|--------|--------------|---|
| FOCAL PERSON | | | Coordinator, Water and Sanitation Sector | | | |
| STRATEGY | | | WATER FOR LIFE ACTIONS (FY 2016 - 2017) | STATUS | REMARKS | |
| 11.10 | Effective policy and legislative framework for improved sanitation | 11.10.1 | Formulation of the National Effluent Standards. | 70% | In Progress: | The National Effluent Standards development in good progress to be completed within the FY2017/2018 |
| | | 11.10.2 | Review of the National Sanitation Policy. | 10% | In Progress: | The TOR for the TA to undertake this assignment is now in draft to be executed in FY2017/2018 |
| | | 11.10.3 | Execution of the EIA Study of the Vaiusu Bay | 60% | In Progress: | Selection has been made and finalised on the Technical Assistance to carry out this assignment. Contract is now under development for signing with the implementation to take place early in FY2017/2018. |
| 11.11 | Sustainable wastewater and sanitation infrastructure | 11.11.1 | Maintenance of the Sludge Treatment Facilities | 100% | Achieved: | Good quality maintenance has been reported and verified monthly |
| | | 11.11.2 | Maintenance of 3 Public Toilets | 100% | Achieved: | Good quality maintenance has been reported and verified monthly |
| | | 11.11.3 | Minimum of 2 Garden Toilets to be Constructed and Maintained annually | 100% | Achieved: | 5 garden toilets have been completed as of end of FY16/17 with one more year to go for this program. |
| | | 11.11.4 | Implementation of a minimum of 1 Biogas Project every year | 100% | Achieved: | Biogas projects have been implemented at Piu and Vaitele. |

CSU 1– Legal Division

Table extracted from the Finance One System for all Outputs.

| 2891 - Central Services Unit 1 | Actuals | Commitments | YTD | Utilisation % | Budget | Funds Remain | YTD Budget | Original Budget |
|--------------------------------|----------------|-------------|----------------|---------------|----------------|--------------|---------------------|-----------------|
| Personnel | 186,702 | - | 186,702 | 81% | 230,106 | | | 230,106 |
| Operating | 15,224 | - | 15,224 | 98% | 15,588 | 364 | | 15,588 |
| Total | 201,926 | - | 201,926 | 82% | 245,694 | 364 | \$245,694.12 | 245,694 |

Quantitative Performance:

The Legal Division provides legal and policy advice to all 15 Divisions of the MNRE as well as the CEO and Minister. Another crucial role of the division is to engage with other government departments and organisations in implementing statutory roles and functions as well as project activities. The Division is also involved in the active promotion of laws and environmental legal issues that the community requires assistance with; liaise with consultants regarding their provision of services to the Ministry and preparing and facilitating execution of legal documents such as:

- Leases of customary lands and government lands;
- Clearance of tender / procurement documents for bids;
- Contracts for services, consultancies, design and construction works, design and supervision works, construction works, demolition works, direct purchase for goods and services, employment and extension of retirement contracts;
- Memorandums of understanding / memorandums of agreement;
- Civil enforcement / civil litigation;
- Criminal / prosecution matters;
- Any other documents required for the effective discharge of the statutory duties of the Ministry.

During 2016 – 2017 the Legal Division provided the following services to support the work of the Ministry:

Achievements:

| | |
|--|--|
| Alienation of freehold land applications | 43 |
| Contracts | 143 |
| MOUs / LOAs | 32 |
| Legislative reforms | 6 |
| Legal advice | 62 |
| Capacity building | 7 |
| Litigation | 5 |
| Projects | Review of Enforcement and Investigations Manual; Samoan translation for Conservation Laws in Samoa Handbook. |

The continuous growth to the Ministry means an increase in the amount of contracts compared to the previous years. New Bills including legislative reviews and reforms include the Environment Management and Conservation Bill which was drafted in-house and awaiting final comments before final referral to the Attorney General's Office for clearance and endorsement, Soil Resources Management Bill and Climate Change Bill which were both drafted by legal consultants who were contracted under a Project to draft these two (2) Bills to domesticate Samoa's obligations under the Rio Conventions, Alienation of Customary Land Amendment Bill, Planning and

Urban Management Amendment Bill and the Planning and Urban Management (Notification of Application Regulations 2017) which were all drafted by the Office of the Attorney General.

A total of 5 civil cases concerning the MNRE were before the Supreme Court during this period are as follows:

- Patrick Boon v. Registrar of Land – Misc 187/17
- Sala Vui Sale & Sala Tovia v. The Land and Titles Investigation Commission & Ors
- Lemalu Faalafua & Ors, Sua Pale Ltd v. Minister of Natural Resources and Environment, LTC, Land and Titles Appellate Court & Ors
- Attorney General & Ors v. Leapai Enele Leapai & Leapai – Misc 216/15
- Nanai Liu Tokuma & Ors v. Samoa Land Corporation, Ministry of Public Enterprises and Attorney General



Ms. Mareva reassures the importance of access to information to ensure support provided by International Agreements (Rio Convention Project)



Rangers gathered for Authorized Officers briefing.

CSU 2- Corporate Services Division

Table extracted from the Finance One System for all Outputs.

| 2892 - Central Services Unit 2 | Actuals | Commitments | YTD | Utilisation % | Budget | Funds Remain | YTD Budget | Original Budget |
|--------------------------------|------------------|-------------|------------------|---------------|------------------|--------------|-----------------------|------------------|
| Personnel | 974,482 | - | 974,482 | 85% | 1,144,223 | | | 1,170,223 |
| Operating | 254,499 | - | 254,499 | 100% | 254,500 | 1 | | 248,500 |
| Capital | 16,783 | - | 16,783 | 84% | 20,000 | 3,217 | | - |
| Total | 1,245,764 | - | 1,245,764 | 88% | 1,418,723 | 3,218 | \$1,418,722.92 | 1,418,723 |

The Corporate Service division comprises of 3 sections:

1. Administration Section
2. Capacity Building Section
3. Finance Section

(a) Administration Section

The Administration Section is responsible for generation administration, human resources management, Central Records management and Asset Management within the Ministry of Natural Resources & Environment.

FY 2016/2017, the Ministry recruited 66 new staff; 3 contract positions, 4 under projects and 38 permanent staff. In addition, 21 casual positions were transferred as permanent positions as per PSC CM effective 01/01/2017. There were 19 staff promoted to higher positions within the ministry and 35 staff left under the following reasons:

| | |
|--|----|
| Deceased | 2 |
| Retirement | 4 |
| Resignation | 20 |
| End of Contract | 3 |
| Project End | 3 |
| Termination (Breached Code of Conduct) | 3 |

The total number of staff that was paid out Long Service Benefits was 34 (staff who reached 10 years or more of service).

Upgrade of salary reclassifications for the Land Management Division as per PSC Approval of 5th September 2016, whereas one (1) from A13 - A14, two (2) A12-A13 and seven (7) A8-A10.

The table below shows the total number of new assets procured within the FY 2016/2017 as well as the number of assets write-off and sent over to Vaimea for Auction purposes in order to comply with the Section C14 of the Treasury Instructions 2013.

| | |
|--------------------|-----|
| New Assets (Items) | 833 |
| New Vehicles | 6 |
| Write-off Items | 174 |
| Write-off Vehicles | 14 |

- 14 vehicles were written off due to not in good conditions. 6 Vehicles were previously used by the Forestry Division in both Savaii and Upolu, 3 from Corporate Services Division, 2 under Technical Services, 1 under Environment and Conservation and 1 used by Land Management.
- The Ministry procured 6 new Vehicles under 3 Projects; SMSMCL, AF and CLAC, the other 3 are procured from the Local Budget(2-Technical Division and 1-Water Resources Division).
- 57 Vehicles altogether servicing the 15 Divisions (not including CEO and Ministers office).

Allocation of Vehicles

| | |
|------------------------|------------|
| Minister | 2 |
| Associate Minister | 1 |
| CEO | 1 |
| CSD | 1 |
| DEC | 4 |
| DMO | 2 |
| Legal | 1 |
| GEF/Environment Sector | 1 (Shared) |
| Forestry | 16 |
| IT | 1 |
| Meteorology | 5 |
| Renewable Energy | 2 |
| Puma | 5 |
| Water Resources | 7 |
| Water Sector | 1 |
| Technical | 3 |
| SMSMCL Project | 3 |
| CLAC | 1 |
| Total | 57 |

Irregularity Reports:

There were 13 Irregularity Reports submitted to MOF in regards to incidents involving Ministry Vehicles and breaches under the code of conduct.

Missing Items as per other Irregularity Reports at our Car Park were recommended by the Ministry of Police to be written off due to insufficient evidences and therefore discontinued the Investigations.

| | |
|--------------------------|-----------|
| Vehicles incidents | 10 |
| Missing Items/Assets | 3 |
| Completed Investigations | 10 |
| Write-off IRs/Closed | 3 |
| Total | 26 |

(b) Capacity Building Section

The Capacity Building section continues to provide support services to all the Divisions towards achieving its organizational objectives and contributes to the success of the Ministry. These include the provision of services through staff development initiatives, public awareness and environment education for schools and communities, coordination of national awareness events, compilation of corporate documents and reporting.

The total number of opportunities secured under various assistance for MNRE staff to travel overseas during the year came to 139. This is represented by 47 meetings and 92 trainings programs. Total number of staff involved was 76. A breakdown of this is summarized in the following table.

Table 1. Overseas Training & Meetings:

| Divisions | Overseas Program | No. of Staff | Trainings | Meetings |
|----------------------------|------------------|--------------|-----------|-----------|
| CEO | 6 | 1 | 1 | 7 |
| Environment Sector | 3 | 1 | 0 | 3 |
| Water Sector | 4 | 3 | 4 | |
| PUMA | 5 | 6 | 4 | 1 |
| Environment & Conservation | 24 | 13 | 17 | 7 |
| Renewable Energy | 6 | 3 | 4 | 2 |
| GEF | 7 | 5 | 4 | 3 |
| Spatial Information Agency | 3 | 3 | 3 | |
| Land Management | 3 | 3 | 3 | |
| Water Resources | 7 | 5 | 6 | 1 |
| Legal | 4 | 1 | 4 | |
| Corporate Services | 7 | 7 | 5 | 2 |
| Information Technology | 2 | 2 | 2 | |
| Meteorology | 26 | 19 | 18 | 8 |
| Forestry | 12 | 8 | 8 | 4 |
| DMO | 18 | 7 | 9 | 9 |
| Total | 139 | 76 | 92 | 47 |

Noted in the ministry's previous reports, these training opportunities support continuing capacity building of staff.

In-House Training

- 5 Induction Training sessions completed for 43 new recruits (Upolu)
- 1 Refresher training on Recruitment and Selection, Performance Appraisal and Induction for all new staff for Savaii/ Upolu
- 52 Continuous Learning Session (CLS) for staff to share the knowledge gained from trainings attended (in-country and overseas trainings).

Compilation of Corporate Documents

- Management Plan 16/17
- Workforce Plan 2017/2020
- Annual Report 15/16
- Annual Infrastructure Sector Committee- Annual Report 2014/2015

National Environment Events

- International Ozone Day
- Environment Week 2016
- World Wetlands Day
- World Water & Forest Day
- Energy Day
- Biodiversity Day

Media & Communication

- The Environment Column "Our Environment Our Heritage" page with the Samoa Observer continue to promote and help raise awareness and understanding on environmental concerns and in particular with school children and the general public.

- The MNRE monthly newsletter continues to capture the interest of numerous national and international stakeholders and promote information sharing amongst the divisions on activities.
- Public awareness through display booths at the SQA Open Day 2016, Fire Fighters Day 2016, SROS Open Day 2016.



Induction Session for new recruits.



St. Marys Science fair.

(c) Finance Section

Financial Performance

| SUMMARY OF BUDGET FOR FINANCIAL YEAR ENDING 30TH JUNE 2017 OUTPUTS | |
|--|---------------|
| Annual Approved Budget FY 2016-2017 | 13,080,153.00 |
| Spending | 12,434,284.00 |
| | 645,869.00 |
| TRANSACTIONS ON BEHALF OF THE STATE | |
| Approved Budget for FY 2016-2017 | 11,716,625.00 |
| Less Spending | 9,017,926.00 |
| | 2,698,699.00 |
| Remaining Balance | 3,725,154.00 |

1. Expenditures

The overall utilization for the Ministry budget in terms of personnel and operations is at 95%.

a) Analysis on Output Expenditure (refer Table 1 on page 72)

- Note that Output 1(2810) Policy Advice to Minister shows an over expenditure under personnel which is due to salaries for (4) IT staff that was charged under this output. (A posting error by MoF as it should be charged under CSU 2)
- Output 2 (2820) - Minister Support shows an under expenditure due to an overbudget calculated on the number of committee members for Upolu & Savaii (16 for both Upolu and Savaii).
- Almost all outputs show personnel expenditure level at 95% and more; except for Output 9 Water Resources Division (WRD), Legal Division (CSU 1) and the Corporate Services Division (CSU 2) with less than 95% utilization due to vacancies with senior staff.
- All output show operational utilization at 95% and more.

b) Special Purpose Accounts

Membership fees and grants 56% (refer to comments on Table 2, page 73)

Low utilization of funds payment of membership fees were outstanding to:

- delay in receiving invoices from the Secretariat Headquarters for example, WMO, IUCN, UNEP and other multilateral Environment Agreements.
- Some of the membership fees the Ministry is still in the process of following up with Focal Points
- and others like SPREP allocation is an over budget. (figures to be revised)

c) Government Policies/Initiatives (93% Utilization)

(refer Table 3 on page 73)

- The low utilization at 39% for the Biodiversity Day is due to costs covered by other supporting projects.
- The 43% noted for the renovation of the post office is due to delayed works with finalizing the contract.

d) Rents and Lease (refer Table 4 on page 74)

- Rents and Leases of TATTE Building have already been transferred.
- Rents and Leases of customary land based on the finalization before paid out.
- Co-location and Digicel lease is underutilized due to late submission of invoices of May & June 2017 hence

these two months have been paid in FY2017/2018.

2. Revenues (refer Table 5 on page 74)

The Ministry achieved 142% collection of its annual budgeted recoveries for the financial year. This is due to:

Output 3 (Land Management Division):

- Exceed Target- Fees from Stamp duties, Land Leases, Reclamation works, Stalls, Land registrations

Output 4 (Land Technical Services):

- Under Collected due to survey works outsourced to the private sector; revenues from examination fees and producing maps

Output 5 (Environment Services):

- Regular collections from waste fees and outstanding invoices reconciled.

Output 6 (Forestry, Planning, Research Service):

- Exceeds its approved budget due to over collect of woodlots & woodlots registration

Other outputs have low collection as per reasons below:

Output 7 (Meteorological, Hydrological, Geological):

- Revenues subject to the demand for the use of the drilling rig. Rainfall data considerations. Request to review drilling charge.

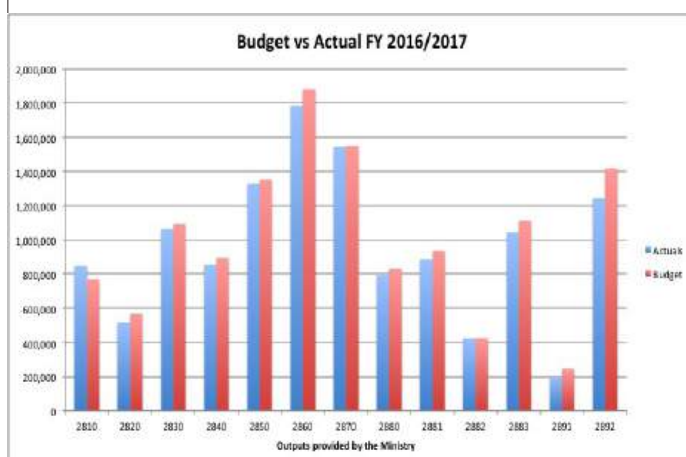
Output 8 (Planning & Urban Management Services):

- Based on demand/number of development consent issued

Output 9 (Sustainable Water Resources):

- There is a number of other information being released but not charged within the Sector for example to LTA. If these are totalled it surpasses \$5,000 but due to information sharing within the sector it is not charged. Suggesting MOF assistance to look into these cost recovery losses due to information sharing.

| | |
|------------------------------------|----------------|
| Annual Recoveries for FY 2016-2017 | (3,316,433.04) |
| Actual Recoveries Collected | (4,693,535.00) |
| Under/ (Over collection) | (1,377,102.00) |



Ministry of Natural Resources and Environment
Approved Budget for the Financial Year 2016 – 2017
 extracted from Finance One system

Table 1: Expenditure by Outputs

| OUTPUTS PROVIDED BY MINISTRY | | ACTUALS | COMMITMENTS | YTD | UTILISATION % | BUDGET | FUNDS REMAIN. | YTD BUDGET | ORIGINAL BUDGET |
|---|-----------|-----------|-------------|-----------|---------------|-----------|------------------|----------------|--------------------|
| 2810 - Policy Advice to the Minister of Environment | Personnel | 711,063 | - | 711,063 | 112% | 633,138 | | | 633,138 |
| | Operating | 136,307 | - | 136,307 | 100% | 136,364 | 57 | | 96,364 |
| | TOTAL | 847,369 | - | 847,369 | 110% | 769,502 | 57 | \$769,501.96 | 729,502 |
| 2820 - Ministerial Support | Personnel | 129,322 | - | 129,322 | 74% | 175,306 | | | 573,493 |
| | Operating | 330,013 | - | 330,013 | 96% | 342,376 | 12,363 | | 126,754 |
| | Capital | 58,142 | - | 58,142 | 120% | 48,365 | -9,777 | | 40,800 |
| | TOTAL | 517,478 | - | 517,478 | 91% | 566,047 | 2,586 | \$566,046.92 | 741,047 |
| 2830 - Land Management | Personnel | 927,260 | - | 927,260 | 98% | 948,582 | | | 1,012,582 |
| | Operating | 135,739 | - | 135,739 | 95% | 142,450 | 6,711 | | 78,450 |
| | TOTAL | 1,063,000 | - | 1,063,000 | 97% | 1,091,032 | 6,711 | \$1,091,032.08 | 1,091,032 |
| 2840 - Land Technical Services | Personnel | 692,463 | - | 692,463 | 96% | 721,060 | | | 799,331 |
| | Operating | 70,768 | - | 70,768 | 97% | 72,930 | 2,162 | | 57,930 |
| | Capital | 93,043 | - | 93,043 | 90% | 103,271 | 10,228 | | - |
| | TOTAL | 856,274 | - | 856,274 | 95% | 897,261 | 12,390 | \$897,261.04 | 857,261 |
| 2850 - Environment Services | Personnel | 1,124,353 | - | 1,124,353 | 98% | 1,149,855 | | | 1,209,855 |
| | Operating | 204,181 | - | 204,181 | 100% | 204,790 | 609 | | 144,790 |
| | TOTAL | 1,328,533 | - | 1,328,533 | 98% | 1,354,645 | 609 | \$1,354,645.08 | 1,354,645 |
| 2860 - Forestry Mgmt, Planning, Research Service | Personnel | 1,391,316 | - | 1,391,316 | 98% | 1,421,614 | | | 1,771,614 |
| | Operating | 376,709 | - | 376,709 | 99% | 380,384 | 3,675 | | 180,384 |
| | Capital | 15,988 | - | 15,988 | 20% | 80,000 | 64,012 | | - |
| | TOTAL | 1,784,013 | - | 1,784,013 | 95% | 1,881,998 | 67,687 | \$1,881,998.12 | 1,951,998 |
| 2870 - Meteorological, Hydrological, Geo-logical | Personnel | 1,117,865 | - | 1,117,865 | 100% | 1,122,833 | | | 1,062,833 |
| | Operating | 425,966 | - | 425,966 | 100% | 426,042 | 76 | | 321,042 |
| | TOTAL | 1,543,830 | - | 1,543,830 | 100% | 1,548,875 | 76 | \$1,548,875.04 | 1,383,875 |
| 2880 - Planning & Urban Management Services | Personnel | 649,839 | - | 649,839 | 95% | 685,651 | | | 747,651 |
| | Operating | 113,290 | - | 113,290 | 99% | 114,390 | 1,100 | | 84,390 |
| | Capital | 32,000 | - | 32,000 | 100% | 32,000 | - | | - |
| | TOTAL | 795,129 | - | 795,129 | 96% | 832,041 | 1,100 | \$832,041.00 | 832,041 |
| 2881 - Sustainable Water Resources Mgmt | Personnel | 815,221 | - | 815,221 | 94% | 864,564 | | | 864,564 |
| | Operating | 72,190 | - | 72,190 | 99% | 72,691 | 501 | | 72,691 |
| | TOTAL | 887,412 | - | 887,412 | 95% | 937,255 | 501 | \$937,255.08 | 937,255 |
| 2882 - Disaster Management | Personnel | 319,557 | - | 319,557 | 100% | 320,635 | | | 328,635 |
| | Operating | 102,927 | - | 102,927 | 100% | 102,928 | 1 | | 94,928 |
| | TOTAL | 422,484 | - | 422,484 | 100% | 423,563 | 1 | \$423,563.04 | 423,563 |
| 2883 - Water Sector Co-ordination Unit | Personnel | 285,124 | - | 285,124 | 98% | 291,171 | | | 291,171 |
| | Operating | 757,142 | - | 757,142 | 97% | 782,346 | 25,204 | | 782,346 |
| | Capital | 2,791 | - | 2,791 | 7% | 40,000 | 37,209 | | 40,000 |
| | TOTAL | 1,045,058 | - | 1,045,058 | 94% | 1,113,517 | 62,413 | \$1,113,517.08 | 1,113,517 |
| 2891 - Central Services Unit 1 | Personnel | 186,702 | - | 186,702 | 81% | 230,106 | | | 230,106 |
| | Operating | 15,224 | - | 15,224 | 98% | 15,588 | 364 | | 15,588 |
| | TOTAL | 201,926 | - | 201,926 | 82% | 245,694 | 364 | \$245,694.12 | 245,694 |
| | | | | | | | | | |
| 2892 - Central Services Unit 2 | Personnel | 974,482 | - | 974,482 | 85% | 1,144,223 | | | 1,170,223 |
| | Operating | 254,499 | - | 254,499 | 100% | 254,500 | 1 | | 248,500 |
| | Capital | 16,783 | - | 16,783 | 84% | 20,000 | 3,217 | | - |
| | TOTAL | 1,245,764 | - | 1,245,764 | 88% | 1,418,723 | 3,218 | \$1,418,722.92 | 1,418,723 |

Transactions on Behalf of the State: Annual Review FY 16-17
Cost Breakdown extracted from Finance One system

Table 2: Membership Fess & Grants

| Cost Pool | Actual | % of utl | Estimates | Variance | Comments |
|--|---------|----------|-----------|----------|---|
| D08 - World Meteorological Organisation | 36,435 | 47% | 77,323 | 40,888 | Amount on Invoice received from WMO |
| D29 - Union Conservation of Nature, International | - | 0% | 15,000 | 15,000 | No invoice received |
| D30 - SPREP Work Programme | 108,974 | 74% | 147,846 | 38,872 | Invoice received : Overbudget to be revised |
| D31 - UNFCCC | 3,801 | 97% | 3,900 | 99 | ok |
| D51 - Biological Diversity Convention | - | 0% | 609 | 609 | No invoice received |
| D54 - Rotterdam Convention | - | 0% | 6,500 | 6,500 | No invoiced received |
| D55 - Migratory Species Convention | 174 | 12% | 1,500 | 1,326 | Amount on invoice received and paid |
| D57 - UN Convention to Combat Desertification | 330 | 17% | 2,000 | 1,670 | Amount on invoice received and paid |
| D58 - UN Environment Programme (UNEP) | 434 | 22% | 2,000 | 1,566 | Amount on invoice received and paid |
| D59 - Stockholm Convention (US1500) | 1,253 | 63% | 2,000 | 747 | Amount on invoice received and paid |
| D60 - Basel Convention (US 1000) | - | 0% | 3,500 | 3,500 | follow up and no invoiced received |
| D76 - Commonwealth Forestry Association - London | - | 0% | 800 | 800 | follow up and no invoiced received |
| D77 - Asian Pacific Association of Forestry Re | - | 0% | 200 | 200 | follow up and no invoiced received |
| D92 - RAMSAR Convention | 2,700 | 23% | 11,818 | 9,118 | Amount on invoice received and paid |
| D97 - Heritage (US33) | - | 0% | 100 | 100 | No invoice received |
| D98 - Waigani Convention (US 1500) | 2,775 | 55% | 5,000 | 2,225 | Amount on invoice received and paid |
| E02 - CITES - Trust Fund | - | 0% | 150 | 150 | No invoice received |
| E03 - IRENA - International Renewable Enegy Agency | 496 | 51% | 968 | 472 | Based on invoice recived |
| | 157,373 | 56% | 281,214 | 123,841 | 56 |

Table 3: Government Policies /Initiatives

| Cost Pool | Actual | % of utl | Estimates | Variance | Comments |
|--|-----------|----------|-----------|----------|--|
| J46 - Roads for Land Board Leased Lands | 372,689 | 75% | 500,000 | 127,311 | Contractual payment is based on invoices received from LTA paument for Falesalafai Road and 2 retention fees total up to \$30,273 for Lucky Constructions approved and finalised. |
| L18 - Biodiversity Day | 7,815 | 39% | 20,000 | 12,185 | Most of the expenditures paid under Projects |
| L19 - World Water Day | 24,477 | 98% | 25,000 | 523 | WWD on 12th April 2017; Balance |
| L20 - World Wetlands Day | 18,603 | 93% | 20,000 | 1,397 | Balance |
| L21 - Sanitation Day | 19,273 | 96% | 20,000 | 727 | World Sanitation Day 18th November 2016; Balance |
| Q19 - Waste Management Service Contracts | 2,084,418 | 99% | 2,101,192 | 16,774 | Utilisation is based on Contracts paid out (19 Contracts) |
| Q20 - Land Compensation | 1,988,812 | 99% | 2,000,000 | 11,188 | Balance of underpaid retention fees |
| Q35 - Land Registration / Leasing Commission | 64,074 | 97% | 66,000 | 1,926 | ok |
| Q46 - Sludge Maintainance Contract(Upolu&Savaai) | 155,183 | 86% | 180,000 | 24,817 | remaining funds from Maintenance Work carried out by Contractors for Tafaigata & Vaiaata |
| Q56 - Plumbers Association | 27,826 | 70% | 40,000 | 12,174 | Remaining amount subject to the submission of the remaining deliverables (2) : List of Certified Plumber + Audit Report as per Finance Agreement within FY16/17; A roll-over request was submitted to MOF but not approved |
| Q57 - National Environment Week | 38,783 | 97% | 40,000 | 1,217 | ok |
| Q58 - Customary Land Advisory Commission | 123,052 | 92% | 133,494 | 10,442 | Other operation costs eg., stationeries, toners & waste toners were not paid out on time |
| R56 - NPF Land Compensation | 600,000 | 100% | 600,000 | - | ok |
| R57 - Water Sector Annual Review | 23,630 | 94% | 25,100 | 1,470 | 9th Annual Water and Sanitation Sector Review 24th November 2016; Balance |
| R58 - Water Sector Research Initiative & Impact Assessment | 58,554 | 84% | 70,000 | 11,446 | 4 research papers already approved by the Peer Review Committee for implementation for FY16/17 with works rolled over to FY17/18 |
| R75 - Institute of Professional Engineer Society | 50,000 | 100% | 50,000 | 0 | ok |
| R76 - Public Toilet Maintenance and Cleaning | 270,299 | 87% | 309,000 | 38,701 | Some contract periods were not in line with FY time period. Fluctuations in some contractor's prices following the review of contracts after every 3 years |
| R77 - Millennium Development Goals | 17,391 | 87% | 20,000 | 2,609 | Monitoring progs for rainwater harvesting tanks (1,200), VIP latrines (1,200); vegetable gardens (1,200) |
| R79 - Renovation of Post Office | 64,643 | 43% | 150,000 | 85,357 | Based on contract and service provided |
| S11 - Lawn Maintenance | 249,140 | 93% | 268,503 | 19,363 | Based on Contract & services provided |
| S12 - Global Climate Change Alliances | 815,877 | 86% | 950,000 | 134,123 | Implementation of contracts slightly behind schedule and rolled over to FY17/18 |
| S29 - Garden Toilets | 86,957 | 87% | 100,000 | 13,043 | Funds already transferred to STA for the construction of garden toilets |
| S30 - Falefa Watershed Area River Bank Protection | 1,015,034 | 93% | 1,092,500 | 77,466 | Delay was due to the Procurement process with contracts already with AG and implementation to be done in FY17/18. Request for roll-over of funds submitted to MOF |
| | 8,176,532 | 93% | 8,780,789 | 604,257 | |

Table 4: Counterpart Costs to Development Projects

| COST BREAKDOWN | Actual | % of utl | Estimates | Variance | Comments |
|---|-------------------|------------|-------------------|-------------------|---|
| J45 - PEEP - Phase 2 (Promoting Energy Efficiency in the Pacific) | 104,334 | 87% | 120,000 | 15,666 | Other operating costs were not paid: Betham Brothers (detention fees charged for extension of hire of tools & solar lights) |
| | | | | | Fees were not processed in time before close of Financial Year. |
| Rent & Leases | | | | | |
| G23 - Rents & Leases | 694,776 | 87% | 798,992 | 104,216 | ok -Rents and Leases of TATTE Building FY2016/2017 |
| G46 - Customary Land for Observation Stations and Towers | 37,216 | 73% | 51,000 | 13,784 | Based on finalisation of customary land leases before paid out |
| G63 - Co-location Digicel lease | 282,032 | 83% | 339,842 | 57,810 | May 2017 & June 2017 just paid in July 2017-FY2017/2018 |
| VAGST Output Tax | | | | | |
| Q01 - VAGST Output Tax | 1,111,200 | 83% | 1,344,787 | 233,587 | Based on BTL, Local Budgets Operations in FY2016/2017 |
| Total | 10,563,463 | 90% | 10,563,463 | 11,716,625 | |

Table 5: Non-Taxation Revenues

| NON-TAXATION REVENUES | ACTUALS | COMMITMENTS | YTD | UTILISATION % | BUDGET | FUNDS REMAIN. | YTD BUDGET | ORIGINAL BUDGET |
|---|-------------------|-------------|-------------------|---------------|-------------------|------------------|------------------------|-------------------|
| 2830 - Land Management | -4,392,796 | - | -4,392,796 | 147% | -2,997,396 | 1,395,400 | -\$2,997,395.88 | -2,997,396 |
| 2840 - Land Technical Services | -32,308 | - | -32,308 | 85% | -38,149 | -5,841 | -\$38,148.60 | -38,149 |
| 2850 - Environment Services | -85,326 | - | -85,326 | 124% | -68,851 | 16,475 | -\$68,850.96 | -68,851 |
| 2860 - Forestry Mgmt, Planning, Research Serv | -17,576 | - | -17,576 | 170% | -10,323 | 7,254 | -\$10,322.52 | -10,323 |
| 2870 - Meteorological, Hydrological, Geological | -108,835 | - | -108,835 | 79% | -137,060 | -28,225 | -\$137,060.04 | -137,060 |
| 2880 - Planning & Urban Management Services | -55,072 | - | -55,072 | 95% | -58,055 | -2,983 | -\$58,055.04 | -58,055 |
| 2881 - Sustainable Water Resources Mgmt | -2,141 | - | -2,141 | 32% | -6,600 | -4,459 | -\$6,600.00 | -6,600 |
| 2882 - Disaster Management | -2,000 | - | -2,000 | 0% | - | 2,000 | \$- | - |
| 2883 - Water Sector Co-ordination Unit | -80 | - | -80 | 0% | - | 80 | \$- | - |
| 2892 - Central Services Unit 2 | 2,600 | - | 2,600 | 0% | - | -2,600 | \$- | - |
| Total | -4,693,535 | - | -4,693,535 | 142% | -3,316,433 | 1,377,102 | -\$3,316,433.04 | -3,316,433 |
| REVENUES TO THE STATE | | | | | | | | |
| Total | - | - | - | 0% | - | - | \$- | - |
| SUMMARY BY BUDGET CATEGORY | | | | | | | | |
| CAPITAL | 218,747 | - | 218,747 | 68% | 323,636 | 104,889 | \$323,635.96 | 80,800 |
| OPERATING | 2,994,955 | - | 2,994,955 | 98% | 3,047,779 | 52,824 | \$3,047,778.96 | 2,304,157 |
| PERSONNEL | 9,324,567 | - | 9,324,567 | 96% | 9,708,739 | 384,172 | \$9,708,738.56 | 10,695,197 |
| Total | 12,538,269 | - | 12,538,269 | 96% | 13,080,153 | 541,885 | \$13,080,153.48 | 13,080,153 |

Annex 1: Project Matrix

| | ENVIRONMENT SECTOR | DEVELOPMENT PARTNER | DURATION | DELIVERABLE PERCENTAGE | FUND (MILLION) | STATUS AND ACHIEVEMENTS (July 2016 - June 30st 2017) |
|---|--|---------------------|-----------|------------------------|----------------|---|
| 1 | LDCF Project - Economy Wide Integration of Climate Change, DRR/DRM to reduce Climate Vulnerability of Communities in Samoa | GEF | 2015-202 | 40% | USD14 | <p>This project is funding the delivery of the CDCRM in 101 villages including the CDCRM Household Survey and delivery of the CDCRM. To date, CDCRM Household survey and delivery of CDCRM to Tafua village as a pilot have been completed. The same project is also funding the construction of the design and supervision services for the Vaissigano River wall and construction of the wall along segment 1 (from Vaisigano Bridge to Leone Bridge).</p> <p>The contractor that is completed the design and undertake the supervision is Kramer Ausenco and the construction for segment 1 is Ott Constructors. The contractor that is building the wall along segment two and three to protect the EPC penstock is Pernix/MAP JV with local contractor Bluebird Construction.</p> |
| 2 | SMSMCL - Strengthening Multi Sector Management of Critical Landslides | GEF/ UNDP | 2014-2019 | 60% | USD4.9 | <ol style="list-style-type: none"> 1. Development of SDVP: completed two series of SDVP consultations and workshops with draft plan of Uafato in place and is ready for validation with the community; 2. Planning Workshop for NGOs/CSOs: Completed 2-Day Planning workshop and consultation with 7 NGOs (FFI, SFA, SUNGO, METI, ADRA, SCS, OLSS) to discuss working partnership with the project. Eight (8) proposals in draft format prepared and submitted for review. 1 Memorandum of Understanding has been drafted. 3. REDD+ and Payment for Ecosystem Services (PES Phase II): Completed recruitment of PES & REDD+ consultant incl. contract signed. Completed a national awareness meeting for REDD+ Readiness senior government officials & key partners: MCIT, SROS, NUS, STA, MWIT, MESC, MAF, MNRE, SWA, MOF, LTA, incl. partners C.I, U.S.P, OLSS, SUNGO, FFI, SCS. Completed a technical workshop for PES Scheme and establishment of a REDD+ and PES Technical TaskForce team comprised of reps from key government agencies. Completed PES Field Assessment at Magiagi village. Completed one-on-one meeting with key potential buyers of PES services incl. meetings with CEO EPC, General Manager SWA and their management, Le Vai Water Bottling. 4. Ecological Restoration of Mt. Vaea Scenic Reserve: Six thousands (6,000) seedlings of different native tree species planted during the quarter at 2m x 2m spacing covering 2.4 hectares. 5. Project Mid-Term Review: Completed key stakeholders one-on-one meetings incl MAF-Crops, MAF-SACEP project, MWSC, NGOs: WIBDI, FFI, SFA, USP, MNRE-FD, WRD, LMD, CSD, DEC; Communities: Uafato, Aopo, Falealupo incl. presentation of key findings of the MTR. 6. SLM and Farm Landscape Plan: Procurement of equipment to implement SLM model farms. 7. GIS Evaluation & Monitoring: Completed final TORs for recruitment of GIS Geomatics Solution Specialist |
| 3 | Enhancing Resilience of Coastal Communities to Climate Change - Adaptation Fund | GEF / UNDP | 2013-2017 | 90% | USD8.05 | <p>Strengthened awareness and ownership of coastal adaptation and climate risk reduction processes at community and national levels in 25 Districts and 139 villages.</p> <p>Outcome 1 Strengthened Awareness of Coastal Adaptation and resilience Achievements</p> <ol style="list-style-type: none"> 1. Completed : review of 25 district CIM Plans 2. 15 Draft 2018 CIM Plans available as of Dec 2017 and 25 by Feb 2018. 3. Samoan Translation of 25 2018 CIM Plans ongoing 4. Completed: Village Relocation Handbooks for 15 Villages <p>Outcome 2: Coastal Adaptation and DRM Measures Achievements</p> <ol style="list-style-type: none"> 1. Completed: Water Enhancement Upgrade and Rehabilitation of IWS (Lona, Maasina, Lele'a & Sili) 2. Completed: Construction of new Access Roads (Fusi Saoluafata, Tufutafu, Pata, Mulinuu Heritage Road). 3. Completed: Shoreline Protection Measures (Construction of Manase Seawall and Breakwaters, Vaiala Seawall Reconstruction, Saleia River Embankment) <p>Outcome 3: Climate Resilience Coastal Management Policy Achievements</p> <ol style="list-style-type: none"> 1. Completed: Institutional Review of MNRE 2. Village Hazard Relocation Handbooks for 15 Villages 3. Review of Road Standards |

| | ENVIRONMENT SECTOR | DEVEL- OPMENT PARTNER | DURATION | DELIV- ERABLE PERCENT- AGE | FUND (MILLION) | STATUS AND ACHIEVEMENTS (July 2016 - June 30st 2017) |
|---|--|-----------------------------|---------------|-------------------------------------|-------------------|---|
| 4 | Enhancing Climate Resil- ience of Coastal Communities of Samoa to Climate Change (AF-ERCC) Project. | WB | 2014- 2018 | 80% | USD14.6 | <p>Component 1: Implementation of Priority Adaptation Measures to Manage Climate and Disaster-related Achievements</p> <p>CIM PLAN DEVELOPMENT</p> <p>a.Completed: Review of 16 District CIM Plans</p> <p>b.Completed: 16 Draft 2018 CIM Plans</p> <p>1. Large District Projects</p> <p>a.8 out of 25 District Projects have been identified and are now in progress &/or at procurement stage.</p> <p>b.These were based on consultations with all the districts.</p> <p>1. Aana Alofi I: Water supply network upgrade - co-finance with SWA</p> <p>2. Aana Alofi II: Water supply network upgrade - co-finance with SWA</p> <p>3. Sagaga le Falefa: Water supply network upgrade - co-finance with SWA</p> <p>4. Sagaga le Usoga: Water supply network upgrade - co-finance with SWA</p> <p>5. Faleata East: Water supply network upgrade - co-finance with SWA - COMPLET-ED</p> <p>6. Faleata West: Upgrade of evacuation road at Toamua - co-finance with LTA - COM-PLETED</p> <p>7. Gagaemauga I: Watershed management & water supply upgrade, co-finance with Water Resources Division and the Water Sector</p> <p>8. Aana Alofi III: Water supply network upgrade identified but currently awaiting gov-ernance arrangement to be resolved</p> <p>9. Remaining 17 projects are lined up for proposals</p> <p>10. Small Village Sub projects with CSSP for 104 Villages</p> <p>a.23 Village projects COMPLETED</p> <p>b.30 Village Projects currently underway</p> <p>c.51 Projects are scheduled for assessment and approval for 2018</p> <p>Component 2: Strengthened Climate Information Services</p> <p>Achievements</p> <p>1. Training for Civil Society Organizations (CSO's) for Community Climate Aware-ness Raising</p> <p>a.Trainings completed for Samoa Red Cross,Fatuaiupu ltd, SUNGO, and ADRA (by CSSP)</p> <p>b.National and local awareness activities are still on-going</p> <p>2. LiDar Data Acquisition completed (aerial images 2015) - started mid-2015 to early 2016</p> <p>Component 3: Institutional Strengthening for Climate and Disaster Resilience, Project Coordination and Monitoring</p> <p>Achievements</p> <p>1. Project Management Services to the project provided by KVALtd ongoing</p> <p>2. Mid-Term Review completed</p> <p>Implementation Support Specialist Onboard</p> |
| 5 | Apia Waterfront Development | NZM- FAT | 2015- 2017 | 75% | SAT1.06 | <ul style="list-style-type: none"> Held two (2) Steering Committee Meeting in the reporting period. Approved establishing the Apia Waterfront Development Technical Advisory Group (TAG) in December 2017. TAG provides expert technical advice and support to the Apia Waterfront Steering Committee established by Cabinet in 2014. Held one (1) TAG meeting in the reporting period. <p>Water Quality testing:</p> <ul style="list-style-type: none"> Signed Memorandum of Understanding (MOU) with the Scientific Research Or-ganisation of Samoa (SROS) to continue water quality testing monitoring prog-amme for 12 months (November 2017 – October 2018). Completed seven rounds of sampling in total of November and December and have received resultsfor analysis. Weekly sampling is ongoing. <p>Pilot Interpretive Signage:</p> <ul style="list-style-type: none"> Issued invitation for interested bidders to Design and Install four (4) Pilot Interpre-tive Signage and two (2) Temporary Directional Signage along the waterfront. Ten-der closed on 23 October 2017. Bid received were evaluated and found non-com-pliance. Re-advertised for tenders commenced on 13 December and closed 08 January 2018. Bid evaluation in progress. <p>Huizhou (China) Investment area (Friendship Park):</p> <ul style="list-style-type: none"> Huizhou completed Draft Concept Plan for the Friendship Park in October. Held meetings with project stakeholders to review the draft concept plan and obtain feedback. Currently revising the Draft Concept Plan to incorporate Government of Samoa feedback. |

| | ENVIRONMENT SECTOR | DEVELOPMENT PARTNER | DURATION | DELIVERABLE PERCENTAGE | FUND (MILLION) | STATUS AND ACHIEVEMENTS (July 2016 - June 30st 2017) |
|----|--|------------------------|-----------|---------------------------|-------------------|--|
| 5 | | | | | | <p>Design of Standard Rest Area Design Package:</p> <ul style="list-style-type: none"> Completed tender for Consultancy Services to Design and Cost a Standard Design Package for Rest Areas, Outdoor seating, Rubbish bins and Recycling bins for the waterfront. Contract was awarded to Wavefront Planning and Design Ltd commencing 27 June 2017 to 17 October 2017. Developed two concept designs for the Rest Areas, Outdoor seating, Rubbish bins and Recycling bins for the waterfront. Held a stakeholder workshop to review design concepts and selected preferred option for detail design. Steering Committee endorsed preferred option for detail design. Approved a Contract Variation for a no cost time extension from 17 October to 14 November 2017 by the Tenders Board. Completed Standard Design Package for Rest Areas, Outdoor seating, Rubbish bins and Recycling bins and made available to interested development partners. <p>Playground:</p> <ul style="list-style-type: none"> Awarded contract for Malaefatu Play Space Maintenance to Feagai-maleata Landscaping and Maintenance Company for a contract period of 12 months. Playground maintenance is carried out weekly with monthly progress reports provided to PMU. Received eight (8) monthly reports and processed related claims. Public Awareness Notices to keep playground clean was published in the Samoa Observer and also aired on TV3. |
| 6 | Pacific Resilience Program | World Bank | 2016-2020 | 50% | USD13.79M | <ul style="list-style-type: none"> A total of 20 contracts for both good, services and works are being procured under this project to achieve the objectives of this project. |
| 7 | EDF10 ACP EU Building Safety and Resilience in the Pacific | EU | 2014-2018 | 85% | EUROS1.3 | <ul style="list-style-type: none"> Completed the designs of the NEOC and Search and Rescue Facilities, this project is funding the construction of the SARs while NEOC construction is being funded under the PREP, tender of the construction of NEOC is underway; Signed the MoU to transfer the funds to the Government of Samoa to manage the procurement of goods and services required; The Samoa Emergency Management Alliance workshop, Australasian Inter-service Incident Management Systems Training for emergency services and first response agencies, completed Fire Reduction Strategy to facilitate capacity building for emergency services in Samoa on fire investigation, hazardous materials response, SARs, etc and SARs equipment; |
| 8 | Renewable Energy (IMPRESS) - PIF Approved | GEF 6 STAR Allocation | 2015-2021 | 10% | USD 6.8 | <ul style="list-style-type: none"> Project Identification Form has been approved. aiming to improve the performance and reliability of RE power systems in Samoa |
| 9 | Implementing the 3 Rio Conventions - enabling Activity | GEF | 2015-2017 | 70% | USD.5 | <ul style="list-style-type: none"> On-going updates of the DKIF / Repository. To date 19,353 raw documents have been upload - file format document (pdf/word/excel/image/video/html, etc.). Launching of the Website and links to the DKIF during the Environment Week Review. |
| 10 | ICCRRITS - Full Project (STA) | GEF | 2013-2016 | 100% | USD1.95 | <ul style="list-style-type: none"> Ongoing Milestones under the project: Assisting small scale tourism operators adapt to extreme weather events mainstreaming of climate change risks into Tourism Act demonstration of climate adaption measures in coastal areas |
| 11 | GCCA Budget Support (WRD) | EU | 2016-2017 | 100% | SAT2 | <ul style="list-style-type: none"> Financial Evaluation for the new Vailima Building Project was conducted on the 24th October, 3 of the 4 bidders qualified for financial evaluation. Watershed management planning and regulation of water resources. Contract finalized in December 2016 for signing with successful bidder. |
| 12 | FPAM Project (FOR) | GEF/FAO | 2012-2017 | 100% | SAT2 | <ul style="list-style-type: none"> The FPAM Project has successfully completed and Project outputs and equipment's have been handed over to the FORESTRY Division for continuation |
| 13 | GEF PAS Invasive Species (DEC) | GEF | 2012-2016 | 100% | USD.32 | <ul style="list-style-type: none"> The GEF-PAS Project which was aimed at addressing this issue has successfully completed and Project outputs and equipment's have been handed over to the DEC for continuation |

| | ENVIRONMENT SECTOR | DEVELOPMENT PARTNER | DURATION | DELIVERABLE PERCENTAGE | FUND (MILLION) | STATUS AND ACHIEVEMENTS (July 2016 - June 30st 2017) |
|----|---|---|-----------|------------------------|----------------|---|
| 14 | INDC Project (Intended Nationally Determined Contributions) (RED) | UNDP | 2015-2017 | 100% | USD.15 | <ul style="list-style-type: none"> “Generating 100% of electricity from renewable energy sources”. Contract was awarded to Niroj Mohanty for the production of: <ol style="list-style-type: none"> INDC Implementation Strategy and RE Registry. Launch of the INDC Implementation Strategy and the RE Registry was on the 16th December 2016 during the National Energy Day in Savaii. Project extension until June 2017 |
| 15 | PIGGAREP - Piu Biogas Electrification Project (RED) | SPREP/UNDP | 2014-2017 | 80% | SAT2.4 | <ul style="list-style-type: none"> Procurement of remaining materials by the contractor, Samoa Superior Poly Products (SSPP) for the construction of the bio-gas plant at Piu Falealili. Toilet connections to the central village sewage tank completed. A specialist with the lining material was brought in from Australia to assist with the HDPE lining of the main biodigester. Bio-digester bottom lining completed. Sewage & gas trenches within the village completed. Leaching field works commenced. Wiring of the generator within a container completed. Two interns from the University of UTSB in China arrived to assist with the implementation works. Ongoing monitoring and site visits. |
| 16 | GEF6 IM-PRESS Project (Improving the Performance and Reliability of RE Power Systems in Samoa) (RED) | GEF/UNDP | 2017-2021 | 10% | USD6.1 | <ul style="list-style-type: none"> IIEC (International Institute of Energy Conservation) consultants contracted to assist with the project document submission visited to collect data and information. Visited possible sites for implementation around the country. Co-financing letter from the government of Samoa was secured from MoF for the project document submission. Submission to be finalized next quarter so funds can be dispersed once approval by GEF Council is granted. |
| 17 | IUCN Project – Greenhouse Gas Abatement through Energy Efficiency and Biofuel Applications in the Land Transport Sector (RED) | IUCN | 2009-2017 | 90% | SAT2.4 | <ul style="list-style-type: none"> Contract for the procurement of electric scooters under the LTA component, was awarded to Colin Carr Agency Limited. First payment is now being processed and documents have been submitted to MoF. Contract for the NAMA (Nationally Appropriate Mitigation Actions) Plan was awarded to Subbarao Consulting Services. Consultants have signed the contract and will be on board early next quarter. |
| 18 | TAACC1 Project (Technical Assistance to Address Climate Change – Phase 1) (RED) | | 2014-2016 | 100% | | <ul style="list-style-type: none"> Final audit report of this project was submitted to the Audit Office, together with all the other audit reports from MNRE. |
| 19 | TAACC2 Project (Technical Assistance to Address Climate Change – Phase 2) (RED) | National Development and Reform Commission (NDRC) of the People's Republic of China | 2014-2016 | 100% | SAT5.0 | <ul style="list-style-type: none"> Working collaboratively with EPC on the installation of solar streetlights and LED grid-connected streetlights around the country. EPC have confirmed that they have installed more than 500 LED grid-connected streetlights. Installed solar streetlights with the assistance of EPC: Meterology compound, Mulinuu 3; Malaefatu Playground, Sogi 8; Catholic Cathedral, Mulivai 5. Training of local electricians on solar streetlight installation, by a team from the manufacturers in China. |
| 20 | PEEP2 Project (Promoting Energy Efficiency in the Pacific – Phase 2) (RED) | | 2012-2015 | 100% | | <ul style="list-style-type: none"> Lamp tubes available for purchase at \$3. Only 2ft lamp tubes remaining. Lamp Eater Storage Facility construction contract has been awarded to FC Pen Construction. Construction works in progress |
| 21 | Community Sanitation Project (PUMA) | ADB/JAPAN | 2013-2017 | 100% | USD→2.1 | <ul style="list-style-type: none"> Project in its 4th and final year of implementation. Target - 470 households in 13 villages across three regions with 100% funded onsite sanitation systems primarily in the form of plastic septic tanks and overflow absorption trenches, including the connection to existing flush toilets. Outcome - Total of 770 households in 22 selected villages received upgraded septic tank systems. That's 61% more than the target. |

| | ENVIRONMENT SECTOR | DEVELOPMENT PARTNER | DURATION | DELIVERABLE PERCENTAGE | FUND (MILLION) | STATUS AND ACHIEVEMENTS (July 2016 - June 30st 2017) |
|----|--|--|----------------------|------------------------|--------------------------|---|
| 22 | Implementation of Disaster Risk Management in the Pacific Programme (DMO, MESC, ERN Users) | Government of New Zealand (MFAT & MCDEM Partnership) | Sep 2016- June 2019 | 75% | (\$1,067,000.00) NZD1.1M | <ul style="list-style-type: none"> This project focuses on strengthen disaster risk management in Samoa through community based awareness and contingency planning, public awareness through media, simulations exercises, support for the maintenance of the emergency radio network and sirens, and capacity building the DMO and sectors. <p>Progress:</p> <ol style="list-style-type: none"> Completed the CDCRM Household Survey in 12 villages covered, completed deliver of CDCRM in Savaia and Lalovi and delivery of same program is underway in Fuailololo, Apolima-tai and Satuimalufilufi; Maintenance of the ERN and ESN is on-going; Completed one major exercise in February 2017 called PAC-WAVE which involved sectors, communities and international humanitarian stakeholders, planning schools drills for schools in Southern Coast to be held later on this year and two major exercises in 2018 (tsunami) and 2019 (earthquake) together villages, sectors and international humanitarian stakeholders; Public awareness on the media started in 2016 to reinforce past messages and awareness programs the focus is on hazards and household level preparedness; Capacity building is yet to commence as the courses designed for Pacific region have been reviewed last year. |
| 23 | Pacific Risk Tool for Resilience Project (PART-neR) (DMO, MWTI, LTA, EPC, SWA, NHS, MOH, MWSCD, etc) | Government of New Zealand (MFAT & NIWA Partnership) | Sep 2016 – June 2019 | 75% | NZD.65M (\$649,400.00) | <ol style="list-style-type: none"> Project Coordinator is onboard; Completed identification of case studies for the project; Data collection from stakeholders and sectors are underway. Also working with NIWA to development phase 2 of the project, which will focus on implementation |
| 24 | Ozone Project POP Monitoring (MET) | UNEP | 2004 -Ongoing | 95% | USD 0.065 per 2 years | <ul style="list-style-type: none"> The ODS alternative survey completed successfully in July 2017 with the report approved by UNEP and submitted to the Multilateral Fund. The survey indicated a growing consumption of hydrofluorocarbons in the country with already existing hydrocarbon equipment thus indicated the rapid change of technology and the need to find alternatives to high ozone depleting potential and high global warming potential substances. Completed Stakeholder Consultation on the implication of the Kigali Amendment of the Montreal Protocol on the Refrigeration and Air Conditioning Sector Completed Customs Officers and Customs Brokers Officers training on compliance towards importation of ozone-depleting substances Completed Training for Refrigeration and Air Conditioning Technicians on good practices used for flammable refrigerants and low global warming potent alternatives 14 Ozone Depleting Substances importing companies and 30 ODS handlers were licensed Proposal for renewal of Institutional Strengthening Project -Phase XI was approved by UNEP |
| 25 | Climate and Ocean Support Programme for the Pacific – COSPPac (MET) | Government of Aust | 2004-2018 | 80% | Aus14M | <ul style="list-style-type: none"> Regional - Climate and ocean monitoring in Samoa and the regional, climate and weather data entry, seasonal climate outlook, ENSO and other regional climate features and modeling |
| 26 | Severe Weather Forecasting and Disaster Risk Reduction (MET) | WMO | 2010-On-going | 90% | USD1.5M | <ul style="list-style-type: none"> Regional and National - to improve NMHS to forecast severe weather events |
| 27 | Malololelei Pest Management | DEC | 2017-2020 | 100% | NZ78,000 | <ul style="list-style-type: none"> Site specific pest management pilot program for conservation and protection of avifauna and biodiversity in Malololelei Reserve. |

Annex 2: Legislative & Policy Mandates

| No | Legislation |
|----|--|
| 1 | Mt. Vaea Scenic Reserve & Mt. Vaea Scenic Reserve Ordinance 1958 + Amendments |
| 2 | Taking of Land Act 1964 |
| 3 | Alienation of Customary Land Act 1965 |
| 4 | Land Titles Investigation Act 1966 |
| 5 | Alienation of Freehold Land Act 1972 |
| 6 | National Parks and Reserves Act 1974 (already incorporated in EMC Bill) |
| 7 | Lands, Survey & Environment Act 1989 |
| 8 | Land for Foreign Purposes Act 1992/93 |
| 9 | Planning and Urban Management Act 2004 (currently amended and consultations are pending) |
| 10 | Quarantine (Biosecurity) Act 2005 (aspects affecting the environment via import biosecurity, alien/invasive species) |
| 11 | Mt. Vaea Scenic Reserve & Mt. Vaea Scenic Reserve Ordinance 1958 + Amendments |
| 12 | Taking of Land Act 1964 |
| 13 | Alienation of Customary Land Act 1965 |
| 14 | Land Titles Investigation Act 1966 |
| 15 | Alienation of Freehold Land Act 1972 |
| 16 | National Parks and Reserves Act 1974 (already incorporated in EMC Bill) |
| 17 | Lands, Survey & Environment Act 1989 |
| 18 | Land for Foreign Purposes Act 1992/93 |
| 19 | Planning and Urban Management Act 2004 (currently amended and consultations are pending) |
| 20 | Quarantine (Biosecurity) Act 2005 (aspects affecting the environment via import biosecurity, alien/invasive species) |
| 21 | Disaster & Emergency Management Act 2007 |
| 22 | Land Titles Registration Act 2008 |
| 23 | Water Resources Management Act 2008 |
| 24 | Land Valuation Act 2010 |
| 25 | Survey Act 2010 |
| 26 | Waste Management Act 2010 |
| 27 | Spatial Information Agency Act 2010 |
| 28 | Forestry Management Act 2011 |
| 29 | Customary Land Advisory Commission Act 2013 |
| 30 | Property and Laws Act 1952 |
| 31 | Unit Titles Act 2010 |
| 32 | Marine Pollution Prevention Act 2008 |
| 33 | Main Roads Development Act 1972 |
| 34 | Building Alignment Ordinance 1932 |

| No | Bills |
|----|---|
| 1 | Environmental Management and Conservation Drafting Instructions |
| 2 | Trade in Endangered Species Bill |
| 3 | Proposed Natural Resources Management Bill |
| 4 | Climate Change Drafting Instructions |

| No | National Policy |
|----|--|
| 1 | Cultural & Natural Heritage & Conservation Policy 2000 |
| 2 | National Invasive Species Action Plan |
| 3 | National Waste Management Policy 2001 |
| 4 | National Chemical & Hazardous Waste Management Policy 2012 |
| 5 | Integration of Climate Change Risk and Resilience into Forestry Management (ICCRIFS) 2011-2015 |
| 6 | National Policy on Forestry for Sustainable Development 2007 |
| 7 | National Forestry Policy 2007 |
| 8 | National Land Use Policy 2001 |
| 9 | Atmospheric Policy (Ozone Layer Regulations 2006) |
| 10 | National Energy Policy 2007 |
| 11 | National Urban Policy 2013 |
| 12 | Building Code Policy 2017 |
| 13 | National Sanitation Policy 2009 |
| 14 | National Noise Policy 2011 |
| 15 | Parking Policy and Standards 2006 |
| 16 | Signage Policy 2016 |
| 17 | Renewable Energy and Energy Efficiency Policy Framework 2016 |
| 18 | National Policy for Licensing Surveyors 1999 |
| 19 | National Sanitation Policy 2010 |
| 20 | "Water for Life: Water & Sanitation Sector Plan for 2012-2016 |
| 21 | National Water Resource Management Policy 2010 |
| 22 | The National Upland Watershed Conservation Policy (NUWCP) 2015. |
| 23 | National Drought Policy (Tendered Documents-Yet to be finalized) |
| 24 | Water Allocation Policy 2013 |
| 25 | National WRM Policy 2009 |
| 26 | "Water for Life: Water & Sanitation Sector Plan for 2012-2016 |
| 27 | National Water Services Policy 2010 |

| No | Regulation |
|----|---|
| 1 | Protection of the Ozone Regulation 2006 |
| 2 | Protection of Wildlife Regulation 2004 |
| 3 | Environmental Impact Assessment Regulation 2007 |
| 4 | Marine Wildlife Protection Regulation 2009 |
| 5 | Land Titles Registration Regulation 2009 |
| 6 | Planning and Urban Management (Environment Impact Assessment) Regulations 2007 |
| 7 | Planning and Urban Management (Development Consent Application and Fees) Regulations 2008 |
| 8 | Protection of the Ozone Regulation 2006 |
| 9 | Protection of Wildlife Regulation 2004 |
| 10 | Environmental Impact Assessment Regulation 2007 |
| 11 | Marine Wildlife Protection Regulation 2009 |
| 12 | Land Titles Registration Regulation 2009 |
| 13 | Planning and Urban Management (Environment Impact Assessment) Regulations 2007 |
| 14 | Planning and Urban Management (Development Consent Application and Fees) Regulations 2008 |
| 15 | Protection of the Ozone Regulation 2006 |
| 16 | Forestry Management Regulation 2015 (final draft) |
| 17 | Survey Regulations 2011 |
| 18 | Water Resource Licensing Regulation 2013 |
| 19 | Plastic Bag Prohibition on Importation Amendment Regulation 2013 |
| 20 | Unit Titles Regulation 2014 |
| 21 | Water Resources Management Regulation 2013 |
| 22 | Marine Protected Areas (MPA) By-Laws 2007 |
| 23 | Forestry Management Regulation 2015 (final draft) |
| 24 | Survey Regulations 2011 |
| 25 | Water Resource Licensing Regulation 2013 |
| 26 | Plastic Bag Prohibition on Importation Amendment Regulation 2013 |
| 27 | Unit Titles Regulation 2014 |
| 28 | Water Resources Management Regulation 2013 |
| 29 | Marine Protected Areas (MPA) By-Laws 2007 |
| 30 | Property and Laws Act 1952 |
| 31 | Unit Titles Act 2010 |
| 32 | Marine Pollution Prevention Act 2008 |
| 33 | Main Roads Development Act 1972 |
| 34 | Building Alignment Ordinance 1932 |
| 35 | Water Resource Licensing Regulation 2013 |
| 36 | Plastic Bag Prohibition on Importation Amendment Regulation 2013 |
| 37 | Unit Titles Regulation 2014 |
| 38 | Water Resources Management Regulation 2013 |
| 39 | Marine Protected Areas (MPA) By-Laws 2007 |

Annex 3: Asset Register for Government of Samoa

Number of MNRE Assets as purchased between July 2016 to June 2017

| Asset No. | Asset Description | Current Cost | Acquisition Date | Sub-Output | Asset Location | Asset Custodian | Supply Method Code | Supplier Name |
|-----------|---|--------------|------------------|------------|---------------------------------|----------------------------------|--------------------|-------------------------------|
| NE-001872 | SONY Digital Recorder | 650.00 | 02-08-2016 | 9092 | TATTE - Renewable Energy | Toiata Apelu | PO | Business System Ltd |
| NE-001873 | Whiteboard Magnets | 22.00 | 02-08-2016 | 9092 | TATTE - Renewable Energy | Toiata Apelu | PO | Business System Ltd |
| NE-001881 | Taskalfa 3551 ci colour multifunctional system Kyocera brand | 25,500.00 | 01-09-2016 | 9094 | TAMALIGI-EWACC | Tamati Fau | PO | Samoa Stationery & Books |
| NE-001884 | 1TB 2.5 USB 3.0 External HDD | 343.85 | 08-09-2016 | 9094 | TATTE- Invasive Species | Project Coordinator | PO | Island Rock |
| NE-001936 | Sony VAIO Flip Laptop 15" SVF15N19CKB Gaming Core i7 8G HDD 1TB | 6,999.00 | 01-09-2016 | 9094 | LDCF EWACC Project | Paulo Amerika | PO | Connect IT |
| NE-001940 | MNRE 68 | 86,000.00 | 27-09-2016 | 9094 | PUMA | PPCR-ECR Project | PO | Asco Motors |
| NE-001955 | SONY ICD-PX440 Voice Recorder | 350.00 | 19-09-2016 | 9094 | TATTE - RIO Project | RIO Project- Jackie Nuuvai | PO | SSAB |
| NE-002037 | SONY ICD-PX440 Voice Recorder | 350.00 | 19-09-2016 | 9094 | TATTE - RIO Project | RIO Project- Faauluuluga Papalii | PO | SSAB |
| NE-002068 | Water Pump 3" with 31m Head | 4,590.00 | 25-10-2016 | 9094 | Water Resources-WSCU | Lameko Asora | PO | TOOLMAN |
| NE-002069 | HP 550-Watts Power Supply Kit for ProLiant DL 180 G9 Servers | 1,356.52 | 29-09-2016 | 9094 | TATTE- Main Office | RIO Project- Mulitalo ACEO-ICT | PO | Connect I.T |
| NE-002070 | HP ProLiant DL380 G9 SERVER | 20,400.00 | 23-09-2016 | 9094 | TATTE Building- Main Office | RIO Project- Mulitalo ACEO-ICT | PO | SSAB |
| NE-002071 | HP ProLiant DL380 G9 SERVER | 20,400.00 | 23-09-2016 | 9094 | TATTE Building- Main Office | RIO Project- Mulitalo ACEO-CS | PO | SSAB |
| NE-002072 | Portable PA System | 5,010.00 | 25-10-2016 | 9092 | WRD- Main Office | Policy Section- Pauline | PO | RADIO POLTNE-SIA LTD |
| NE-002163 | Portable PA System | 5,000.00 | 04-11-2016 | 9094 | Tamaligi-CLAC Project | CLAC- Tuloa Fetufou | PO | ISLAND ROCK CO LTD |
| NE-002164 | 19 HQ Rod 3m | 23,750.00 | 18-10-2016 | 9094 | Vaitele | Hydrology Section | PO | SSAB |
| NE-002165 | 5HQ Rod 1.5m | 4,750.00 | 18-10-2016 | 9094 | Vaitele | Hydrology Section | PO | SSAB |
| NE-002166 | 2 Full Grip innertube wrench | 2,300.00 | 18-10-2016 | 9094 | Vaitele | Hydrology Section | PO | SSAB |
| NE-002167 | Innertube Group PQ3 3m | 17,700.00 | 18-10-2016 | 9094 | Vaitele | Hydrology Section | PO | SSAB |
| NE-002168 | PQ hoisting Plug | 15,800.00 | 07-11-2016 | 9094 | Vaitele | Hydrology Section | PO | SSAB |
| NE-002169 | 7 PHD Rods 3m | 13,993.00 | 07-11-2016 | 9094 | Vaitele | Hydrology Section | PO | SSAB |
| NE-002170 | PQ Ezy Lock Overshot Assembly | 7,999.00 | 07-11-2016 | 9094 | Vaitele | Hydrology Section | PO | SSAB |
| NE-002171 | 2Full Grip PQ innertube Wrench | 4,598.00 | 07-11-2016 | 9094 | Vaitele | Hydrology Section | PO | SSAB |
| NE-002172 | HWT PQ Casing Shoe | 1,950.00 | 07-11-2016 | 9094 | Vaitele | Hydrology Section | PO | SSAB |
| NE-002173 | PHD Rods 1.5m | 1,580.00 | 07-11-2016 | 9094 | Vaitele | Hydrology Section | PO | SSAB |
| NE-002174 | Split with shoe assembly (shoe only) | 2,300.00 | 07-11-2016 | 9094 | Vaitele | Hydrology Section | PO | SSAB |
| NE-002175 | Point Assembly | 699.00 | 07-11-2016 | 9094 | Vaitele | Hydrology Section | PO | SSAB |
| NE-002176 | anvil (SPT Hammer) with AWJ rod pin | 2,400.00 | 07-11-2016 | 9094 | Vaitele | Hydrology Section | PO | SSAB |
| NE-002177 | BrushCutter 4605 | 2,300.00 | 02-11-2016 | 9094 | Vailima | Forestry | PO | Agriculture Store Company Ltd |
| NE-002178 | BrushCutter 4605 | 2,300.00 | 02-11-2016 | 9094 | Vailima | Forestry | PO | Agriculture Store Company Ltd |
| NE-002179 | Chain Saw | 2,800.00 | 02-11-2016 | 9094 | Vailima | Forestry | PO | Agriculture Store Company Ltd |
| NE-002180 | Chain Saw | 2,800.00 | 02-11-2016 | 9094 | Vailima | Forestry | PO | Agriculture Store Company Ltd |
| NE-002202 | 1xCM 381-Z 20 50CM STIHL Chainsaw | 2,240.00 | 10-01-2017 | 9094 | Tamaligi- SMS-MCL | SMSMCL- Afele Faailagi | PO | Bluebird Lumber & Hardware |
| NE-002204 | Dell Mobile Precision 5510 CT base Laptop | 9,733.00 | 20-02-2017 | 9094 | TATTE-EWACC Project | Technical Adviser- Asi Vitaoa | PO | CSL |
| NE-002205 | MIN MNRETOYOTA PRADO 2016 | 152,500.00 | 17-08-2016 | 2820 | FMFM2 Building | MIN MNRE | PO | Asco Motors |
| NE-002206 | STIHL MS180-Z 40CM Chain Saw | 924.99 | 02-03-2017 | 2883 | Vailima Office | Water Resources- Fata | PO | Gold Star |
| NE-002207 | Flat Screen TCL LED 40 | 9,899.00 | 07-02-2017 | 9094 | TATTE-ACEO PUMA | PPCR Project- Fetoloai | PO | Island Rock |
| NE-002208 | HP Z240 Workstation - Core i7 CPU | 9,899.00 | 07-02-2017 | 9094 | TATTE- ACEO PUMA | PPCR Project- Fetoloai | PO | Island Rock |
| NE-002209 | HP Keyboard | 111.00 | 07-02-2017 | 9094 | TATTE- ACEO PUMA | PPCR Project- Fetoloai | PO | Island Rock |
| NE-002252 | chain link 4ft and barbed wire 500mtrs | 3,210.00 | 27-02-2017 | 2883 | Water Resources Division | Watershed- Fagalii | PO | Agriculture Store Corporation |
| NE-002309 | Hp Probook 650 i5 G1 Laptop | 3,500.00 | 03-03-2017 | 9092 | TATTE- Water Resources Division | WRD- Emarosa Romeo | PO | SSAB |
| NE-002310 | Hp Probook 650 i5 G1 Laptop | 3,500.00 | 03-03-2017 | 9092 | TATTE- Water Resources Division | WRD- Lameko Asora | PO | SSAB |

| Asset No. | Asset Description | Current Cost | Acquisition Date | Sub-Output | Asset Location | Asset Custodian | Supply Method Code | Supplier Name |
|-----------|--|--------------|------------------|------------|----------------------------------|------------------------------|--------------------|-------------------------------------|
| NE-002311 | Hp Probook 650 i5 G1 Laptop | 3,500.00 | 03-03-2017 | 9092 | TATTE- Water Resources Division | WRD- Fata Eti | PO | SSAB |
| NE-002312 | HP INTEL CORE i5 PC SET | 4,000.00 | 03-03-2017 | 9092 | TATTE- Water Resources Division | WRD- Vaitoelau Green | PO | SSAB |
| NE-002313 | HP INTEL CORE i5 PC SET | 4,000.00 | 03-03-2017 | 9092 | TATTE- Water Resources Division | WRD-Faimalo Paulo | PO | SSAB |
| NE-002314 | HP i7 PC SET | 4,200.00 | 03-03-2017 | 9092 | TATTE- Water Resources Division | WRD-Fonoimoana Esera | PO | SSAB |
| NE-002630 | SKYWORTH 65" LED TV | 6,325.00 | 09-03-2017 | 9094 | TATTE- Rio Project | Jackie Nuuvai | PO | Business System Ltd |
| NE-002631 | LINKSYS LAPN600 WIRELESS AP | 835.00 | 15-02-2017 | 9094 | TATTE- ICT | MNRE OFFICE | PO | SSAB |
| NE-002632 | LINKSYS LAPN600 WIRELESS AP | 835.00 | 15-02-2017 | 9094 | TATTE-ICT | MNRE OFFICE | PO | SSAB |
| NE-002633 | LINKSYS LAPN600 WIRELESS AP | 835.00 | 15-02-2017 | 9094 | TATTE-ICT | MNRE OFFICE | PO | SSAB |
| NE-002634 | LINKSYS LAPN600 WIRELESS AP | 835.00 | 15-02-2017 | 9094 | TATTE- ICT | MNRE OFFICE | PO | SSAB |
| NE-002635 | LINKSYS LAPN600 WIRELESS AP | 835.00 | 15-02-2017 | 9094 | TATTE- ICT | MNRE OFFICE | PO | SSAB |
| NE-002637 | LINKSYS LAPN600 WIRELESS AP | 835.00 | 15-02-2017 | 9094 | TATTE- ICT | MNRE OFFICE | PO | SSAB |
| NE-002638 | LINKSYS LAPN600 WIRELESS AP | 835.00 | 15-02-2017 | 9094 | TATTE- ICT | MNRE OFFICE | PO | SSAB |
| NE-002639 | LINKSYS LGS-12AP 24PORT PoE SWITCH | 1,299.00 | 15-02-2017 | 9094 | TATTE-ICT | ICT Division | PO | SSAB |
| NE-002686 | external hard drive 1TB | 365.00 | 21-03-2017 | 9094 | MT Vaea | SMSMCL Project- Moeu-mu Uili | PO | Comptech Xtra |
| NE-002687 | Hp 250 G5 i5 LAPTOP | 2,399.00 | 21-03-2017 | 9094 | MT Vaea | SMSMCL Project- Moeu-mu Uili | PO | SSAB |
| NE-002688 | TCL Air-Con Split Unit 24000BTU 7.1KA | 2,699.00 | 03-04-2017 | 9094 | Tamaligi Office-Meeting Room | SMSMCL Project | PO | ISLAND ROCK |
| NE-002689 | R31S- Dynamic Microphone | 150.00 | 30-03-2017 | 2810 | TATTE- Renewable Energy Division | Renewable Division- Fefiloi | PO | SSAB |
| NE-002690 | Water Tanks (5000ltr) | 2,250.00 | 29-03-2017 | 9094 | SMSMCL Project- Uafato | SMSMCL- Uafato | PO | Samoa Superior Poly Prodccts |
| NE-002691 | Water Tanks (5000ltr) | 2,250.00 | 29-03-2017 | 9094 | SMSMCL Project-Tia'vae | Tia'vae | PO | Samoa Superior Poly Products |
| NE-002692 | Heller Fridge 1 Door 240ltr | 990.00 | 01-03-2017 | 9094 | Tamaligi Office | SMSMCL Project- Afele | PO | Le Well |
| NE-002694 | MAKITA DRILL 720w 13mm | 845.00 | 30-03-2017 | 9092 | TATTE- MNRE CAR PARK | CSD- Taualagi Taito | PO | Bluebird Lumber and Hardware |
| NE-002695 | ANGLE GRINDER 115mm MAKITA | 340.00 | 30-03-2017 | 9092 | TATTE- MNRE CAR PARK | CSD- Taualagi Taito | PO | Bluebird Lumber and Hardware |
| NE-002696 | Contractor Wheelbarrow | 450.00 | 28-04-2017 | 9094 | Forestry Division Vailima | Vailima Officer | PO | Samoa Agriculture Store Company Ltd |
| NE-002697 | Contractor Wheelbarrow | 450.00 | 28-04-2017 | 9094 | Forestry Division Vailima | Vailima Officer | PO | Agriculture Store Company Ltd |
| NE-002698 | Contractor Wheelbarrow | 450.00 | 28-04-2017 | 9094 | Forestry Division Vailima | Vailima Officer | PO | Agriculture Store Company Ltd |
| NE-002699 | Contractor Wheelbarrow | 450.00 | 28-04-2017 | 9094 | Forestry Division Vailima | Vailima Officer | PO | Agriculture Store Company Ltd |
| NE-002700 | LINKSYS LAPN600 WIRELESS AP | 835.00 | 15-02-2017 | 9094 | TATTE- ICT Division | MNRE Officer | PO | SSAB |
| NE-002701 | LINKSYS LAPN600 WIRELESS AP | 835.00 | 15-02-2017 | 9094 | TATTE- ICT Division | MNRE Office | PO | SSAB |
| NE-002702 | MNRE06 Toyota Hilux 4WD D/C Pick Up medium Grade | 107,000.00 | 01-05-2017 | 2840 | Technical Services | Technical Services Division | PO | ASCO MOTORS |
| NE-002703 | HP INTEL CORE i5 PC SET | 3,999.00 | 11-05-2017 | 2820 | FMFM11- Minister Office | Marine Ripi | PO | SSAB |
| NE-002704 | KYOCERA TASKALFA 2552CI Printer | 18,500.00 | 11-05-2017 | 2892 | TATTE- Corporate Services | Record Section | PO | SSAB |
| NE-002705 | HP 35s Scientific calculator | 678.26 | 23-05-2017 | 2840 | TATTE- Technical Division | Technical- Asi Vitaoa | PO | Business System LTD |
| NE-002706 | HP 35s Scientific calculator | 678.26 | 23-05-2017 | 2840 | TATTE- Technical Division | Technical- Ronnie Posini | PO | Business System LTD |
| NE-002861 | HP PROBOOK 450 G3 LAPTOP | 4,500.00 | 12-05-2017 | 2810 | TATTE- CEO | CEO | PO | SSAB |
| NE-003033 | HP PRODESK 400 G3 Computer Set | 3,999.00 | 15-06-2017 | 2892 | TATTE- CSD | Momoi Ah-Loo | PO | SSAB |
| NE-003047 | HP PRODESK 400 G3 Computer Set | 3,999.00 | 15-06-2017 | 2880 | TATTE- Land Registration Section | Sapati Misipati | PO | SSAB |
| NE-003048 | HP PRODESK 400 G3 Computer Set | 3,999.00 | 15-06-2017 | 2880 | TATTE- Land Registration Section | Tavita Lesatele | PO | SSAB |
| NE-003049 | HP PRODESK 400 G3 Computer Set | 3,999.00 | 15-06-2017 | 2880 | TATTE- Land Registration Sectio | Pati Paepae | PO | SSAB |

| Asset No. | Asset Description | Current Cost | Acquisition Date | Sub-Output | Asset Location | Asset Custodian | Supply Method Code | Supplier Name |
|-----------|---------------------------------------|--------------|------------------|------------|------------------------------------|--|--------------------|---------------|
| NE-003050 | HP PRODESK 400 G3 Computer Set | 3,999.00 | 15-06-2017 | 2880 | TATTE- Land Registration Section | Tuaena Faasalaina | PO | SSAB |
| NE-003051 | HP PRODESK 400 G3 Computer Set | 3,999.00 | 15-06-2017 | 2880 | TATTE- Land Development Section | Malama Iati | PO | SSAB |
| NE-003052 | HP PRODESK 400 G3 Computer Set | 3,999.00 | 15-06-2017 | 2880 | TATTE- Land Development Section | Naomi Auvae | PO | SSAB |
| NE-003053 | HP PRODESK 400 G3 Computer Set | 3,999.00 | 15-06-2017 | 2880 | TATTE- Land Valuer Section | Reupena Palu | PO | SSAB |
| NE-003054 | HP PRODESK 400 G3 Computer Set | 3,999.00 | 15-06-2017 | 2880 | TATTE- Land Registration Section | Falaniko Afaese | PO | SSAB |
| NE-003059 | NIKON COOLPIX AW130 CAMERA | 1,950.00 | 09-06-2017 | 2860 | Forestry Division-Savaii | Sooalo Tito | PO | SSAB |
| NE-003060 | NIKON COOLPIX AW130 CAMERA | 1,950.00 | 09-06-2017 | 2860 | Forestry Division-Savaii | Sooalo Tito | PO | SSAB |
| NE-003061 | 4 ENELOOP AA Rechargeable Battery | 396.00 | 09-06-2017 | 2860 | TATTE-Forestry Division/ Savaii | 2 Savaii- Soalo/ 2 Upolu TATTE- Susau | PO | SSAB |
| NE-003062 | HP PRODESK 400 G3 Computer Set | 3,999.00 | 15-06-2017 | 2892 | TATTE- Corporate Services Division | Sarona Tomane | PO | SSAB |
| NE-003063 | HP PROBOOK 450 G3 I7 LAPTOP | 4,500.00 | 08-06-2017 | 9094 | DMO Mulinuu-Project | Titimanu Simi | PO | SSAB |
| NE-003064 | SAMSUNG GALAXY 7'TAB 3 WIFI 3G | 850.00 | 08-06-2017 | 9094 | DMO Mulinuu-Project | Titimanu Simi | PO | SSAB |
| NE-003065 | SAMSUNG GALAXY 7' TAB 3 WIFI 3G | 850.00 | 08-06-2017 | 9094 | DMO Mulinuu-Project | Titimanu Simi | PO | SSAB |
| NE-003066 | SAMSUNG GALAXY 7' TAB 3 WIFI 3G | 850.00 | 08-06-2017 | 9094 | DMO Mulinuu-Project | Titimanu Simi | PO | SSAB |
| NE-003067 | SUMSUNG J7 PRIME PHONE | 1,299.00 | 08-06-2017 | 9094 | DMO Mulinuu-Project | Titimanu Simi | PO | SSAB |
| NE-003068 | TRANSCEND 2TB Portable HDD Hard Drive | 550.00 | 08-06-2017 | 9094 | DMO Mulinuu-Project | Titimanu Simi | PO | SSAB |
| NE-003069 | HP PRODESK 400 G3 Computer Set | 3,999.00 | 15-06-2017 | 2820 | FMFM11 Building-Minister Secretary | Pamela Sua | PO | SSAB |
| NE-003140 | HP PRODESK 400 G3 Computer Set | 3,999.00 | 15-06-2017 | 2892 | TATTE- Corporate Services Division | Michael Tamanikaiaiaroi | PO | SSAB |