



GOVERNMENT OF SAMOA
Ministry of Natural Resources and Environment



Land Week 2019 at Lalomanu, Aleipata

Annual Report
2018 – 2019

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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;

22 October 2019

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, 2018.

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

A handwritten signature in black ink, reading 'Fiamé Naomi Mataafa', is written over a horizontal line.

Fiamé Naomi Mataafa
DEPUTY PRIME MINISTER / MINISTER

ACRONYMS

ABS	Access and Benefit Sharing
ACEO	Assistant Chief Executive Officer
ADB	Asia Development Bank
ADRA	Adventist Disaster Relief Agency
AF	Adaptation Fund
AGB	Aboveground Biomass
APTC	Australia Pacific Technical College
CBD	Convention on Biological Diversity
CBSAP	Consolidated Capacity Building Strategy and Action Plan
CEO	Chief Executive Officer
CGPS	Continuous Global Position System
CI	Conservation International
CIM Plan	Community Integrated Management Plans
CITES	Convention on International Trade in Endangered Species of Wild Fauna and Flora
CLEWS	Climate Early Warning System
CMS	Convention on the Conservation of Migratory Species of Wild Animals
COP	Conference of the Parties
COT	Crown of Thorn
CS	Carbon Stock
DAC	Disaster Advisory Committee
DC	Development Consent
DCDB	Digital Cadastral Database
DEC	Division of Environment
DMO	Disaster Management Office
EE	Energy Efficiency
EPC	Electric Power Corporation
ESPO	End of Sector Plan Outcome
EWACC	Economy Wide Adaptation to Climate Change
FAO	Food and Agriculture Organisation
FD	Forestry Division
FESA	Fire and Emergency Services Authority
GCF	Green Climate Fund
GEF	Global Environment Facility
GHG	Green House Gas
GHGAS	Greenhouse Gas Abatement Strategy
GIS	Geographic Information System
GNSS	Global Navigation Satellite System
HFCs	Hydrofluorocarbons
IMPRESS	Improving Performances and Reliability of Renewable Energy Power System in Samoa
IUCN	International Union on Conservation of Nature
IWSA	Independent Water Schemes Association
JCS	Job Classification System
JICA	Japan International Cooperation Agency
JWSSC	Joint Water and Sanitation Sector Steering Committee
JPRISM	Japanese Technical Cooperation Project for Promotion of Regional Initiative on Solid Waste Management
KBA	Key Biodiversity Areas
LDD	Land Degradation and Drought
LDN	Land Degradation Neutrality
LDS	Latter Day Saint
LMD	Land Management Division
LOA	Letter of Agreement
LTA	Land Transport Authority
LTRA	Land and Titles Registration Act
M & E	Monitoring and Evaluation
MCDEM	NZ Ministry of Civil Defence & Emergency Management
MEAs	Multilateral Environment Agreements
MJCA	Ministry of Justice Courts and Administration
MNRE	Ministry of Natural Resources and Environment
MOF	Ministry of Finance
MOH	Ministry of Health
MOU	Memorandum of Understanding

MOEJ	The Ministry of the Environment of Japan
MPA	Marine Protected Area
MTEF	Medium Term Expenditure Framework
MWCS	Ministry of Women, Community and Social Development
MWTI	Ministry of Works, Transport and Infrastructure
NAMA	Nationally Appropriate Mitigation Actions
NAP	National Action Plan
NEOC	National Emergency Operation Centre
NESP	National Environment Sector Plan
NESSC	National Environment Sector Steering Committee
NGOs	Non-Governmental Organisations
NOC	National Ozone Committee
NUS	National University of Samoa
ODS	Ozone Depleting Substances
OLPP	Ole Pupu Pu'e
OLSSI	O Le Siosiomaga Society Incorporated
PARTneR	Pacific Risk Tool for Resilience Project
PAS	Plumbers Association of Samoa
PEEP	Promoting Energy Efficiency in the Pacific
PICTs	Programmes to further support Pacific Island countries and territories
PMS	Performance Management System
PPCR	Pilot Programme for Climate Resilience
PREP	Pacific Resilient Project
PSC	Public Service Commission
PUMA	Planning and Urban Management Act
PWWA	Pacific Water & Wastewater Association
RAC	Refrigeration and Air conditioning
RACAS	Refrigeration and Air-conditioning Association of Samoa
R2R	Ridge to Reef
RE	Renewable Energy
RED	Renewable Energy Division
RET	Renewable Energy Technology
RESTEC	Remote Sensing Technology Center of Japan
SamFRIS	Samoa Forest Resource Information System
SBC	Samoa Beverage Company
SBEC	Small Business Enterprise Centre
SDGs	Sustainable Development Goals
SFM	Sustainable Forests Management
SGP	Small Grants Programme
SLC	Samoa Land Corporation
SLM	Sustainable Land Management
SMSMCL	Strengthening Multi-Sectoral Management of Critical Landscapes
SPC	South Pacific Community
SPREP	South Pacific Regional Environment Programme
SRCS	Samoa Red Cross Society
SREA	Samoa Refrigeration Engineering Association
SSIG	Samoa Solidarity International Group
STA	Samoa Tourism Authority
SSTA	Savai'i Samoa Tourism Association
SUNGO	Samoa Umbrella for Non-Government Organisation
SWA	Samoa Water Authority
TAG	Technical Advisory Group
TC	Tropical Cyclone
ToR	Terms of Reference
TK	Traditional Knowledge
TKAGR	Traditional Knowledge associated with Genetic Resources
UNCBD	United Nations Convention of Biological Diversity
UNDP	United Nations Development Programme
UNEP	United Nations Environment Programme
UNFCCC	United Nations Framework Convention on Climate Change
WMP	Watershed Management Plan
WRD	Water Resources Division
YCAN	Youth Climate Action Network of Samoa

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MINISTRY TECHNICAL BOARD

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
Faamoetauloa Lagisoifua Etene	Member
Tiatia Fisiga	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
Pula Mafi Brown	Member
Tiatia Lino	Member
Moti Satuala	Member
Malaeulu Misimoa Tuala	Member
Fonoivasa Lolesio Ah Ching	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
Tiumalu Peni	Member
Mailata Sakaio	Member
Afumoa Petelo	Member
Falenaoti June Ailuai	Member
Malaulau Aiulu	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	

Minister's Advisory Committee (UPOLU)

Ese Faasaulala	Siumu
Faamanu Tavita Kaisa	Vailoa Faleata
Feagai Kirifi Leaana	Faleasiu
Filisi Hala	Afiamalu
Lesa Ogeuta	Saanapu
Loau Matauaina Keleti	Vaiala
Manu Fale Sailimalo	Vailuutai
Mele Ai	Eva
Nuualii Ioka	Faleula
Penoa Lefulefu	Malie
Pula Tavita	Vaitele Faleata
Sei Sefo Sefo	Lotofaga
Seugamalii Tuiatua Mikaele Ioane	Matatufu Lotofaga
Seulu Iloa	Lalovi
Tagoai Tausaga Auelua	Aufaga
Ula'e Etelagi Solia	Malaemalu

Minister's Advisory Committee (SAVAII)

Autagavaia Uiese	Vailoa Palauli
Faamoetauloa Evile	Lelepa
Faiumu Meatuai	Aleipata
Fuli Pisa	Foaluga
Lauano Perese	Patamea
Laulu Filimaua	Faala Palauli
Lealaiauloto Falefa	Avao
Levao Aiulu	Saleula
Maiava Palaisa	Safotu
Mamea Pepa	Saleia
Polataivao Pouvalu	Fagae
Poulava Foaimua	Tafua
Mailata Vaega	Saleia Avao
Moananu Pati	Asau
Vaoliki Gafoga	Sataua
Pepe Vainalepa	Tapueleele

Purpose & Vision

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), 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 Samoa's natural resources and environment.

Mission

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

Mandatory Roles

An Environmental Regulator

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

An Environmental Administrator

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

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.

An Environmental Advocate

Environmental stewards advocating for better environmental outcomes

MINISTRY ORGANIZATIONAL STRUCTURE



^{1 1} According to Circular Memorandum, dated 26th of April 2019, the Cabinet approved the transfer of PUMA division under the Ministry of Works Transport & Infrastructure(MWTI).

HIGHLIGHTS

Green Climate Fund Vaisigano Catchment Project Operational Manual, July 2018

The Ministry in partnership with the Green Climate Fund (GCF), United Nations Development Programme (UNDP) and the Key Implementing Agencies are implementing activities under the Enhance Climate Resilience of the Vaisigano Catchment Project (VCP). The project aims to reduce the effect of recurring flood related impacts within the Vaisigano River Catchment.

During the two day workshop, participants able to reviewed the Draft Operation Manual that will be used as an operational guide for the project within the 6 years lifespan.

UNDP Small Grants Program – Capacity Building Workshop, July 2018



The overall objective of this training workshop for communities is to inform and educate the applicants on how to complete proposal for grants. The workshop also looked at increasing understanding and knowledge of the communities, in terms of the environmental benefits and looking at adaptation measures to help address environmental issues.

Train the Trainers on Multi Hazard Early Warning Systems (EWS), July 2018



The Meteorology Division with the support of the Regional Integrated Multi-Hazard Early Warning Systems (RIMES) and the United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP) conducted a training, to promote the integration of SMD-generated multi-timescales, multi-hazard information into short, medium, and long term plans and decisions of risk-sensitive sectors in Samoa.

National Waste Management Strategy- Steering Committee (NWMS), July 2018



The Steering Committee Meeting is part of the broad process for the development of the National Waste Management Strategy (NWMS) together with the plastic ban initiative. The development of the NWMS is one of the Ministry’s mandates addressed under the Waste Management Act 2010.

Ground Breaking New Events Space and Clock Tower Boulevard, Waterfront Project, July 2018.



The Apia Waterfront Development Plan was launched in 2016 and the ground breaking ceremony marked the beginning of construction works for the new Events Space and Clock Tower Boulevard. The total value of the project amounts which is SAT10.5 million and will contribute to improved Apia waterfront experience for locals and tourists, and attracting more people to the waterfront as a safer and more enjoyable place to be with family and friends.

Vaa Environmental Education Campaign Rolls Out in Aleipata District, July 2018



Conservation International Samoa brought a strong network of partners together to augment the Va’a-based educational program to include a more comprehensive, interactive environmental education component in a new campaign “Tausi Lou Faasinomaga” The Ministry in partnership with

the Ministry of Agriculture and Fisheries, Ministry of Women, Community and Social Development, Ministry of Education, Sports and Culture, and many other organizations were part of the Guardians Team that delivered highly-interactive programs for kids in Year 7 and 8 in the Aleipata District.

Awareness programmes focus on promoting and enhancing understanding and behavior towards environmental management.

National Stakeholders Consultation Review of the National Invasive Species Action Plan, November 2018



The Environment and Conservation Division with the support of UNDP and Project on Strengthening Multi-Sectoral Management of Critical Landscape (SMSMCL) conducted a National Stakeholder Consultation to review the National Invasive Species Plan (NISAP 2008-2011). This is part of Samoa’s commitment under the Implementation Convention on Biological Diversity (CBD), which Samoa ratified in May 1994.

World Tsunami Awareness Day, November 2019



The World Tsunami Awareness Day signified the importance of Tsunami Preparedness worldwide. Tsunamis do exist with impacts that are deadly and consequences that are inescapable, overwhelming and depressing. The continuous and effective tsunami education awareness programs and preparedness is very important which contributes much in saving lives.

The event was co-facilitated with key partners such as Red Cross, ADRA, FESA, MOF, MWTI, LTA etc.

GEF National Dialogue, November 2018

The GEF National Dialogue brought together key stakeholders. The main discussion focused on the inclusion of information and validation of national objects, policies, strategies and the means to achieve them and mainstreaming

environment in national decision-making, national positions in Multilateral Environment Agreements (MEAs) and coordination.

IUCN Partners with Renewable Energy Samoa, November 2018



The Renewable Energy Division in collaboration with the International Union for Conservation of Nature (IUCN) conducted a National Workshop for the Energy Sector. The workshop brought together key partners within the sector to share information and discuss the development of alternative energy in Samoa

Energy Mapping Training, November 2018



Representatives from the Energy Sector were trained on how to handle information database. The software was developed specifically to present data in a manageable manner for users to understand trends and patterns on energy demand, energy generation and energy system performances in Samoa.

UN visit to Samoa: Renewable Energy Initiatives, November 2018



The Ministry’s IMPRESS Project welcomed the visit by the United Nations Senior Technical Advisor, Mr. Manuel L Soriano. This was an opportunity for the Project to showcase progress through workshops and site visits to project sites in Upolu: Piu Biogas Site, Mapuifagalele Elderly Homes, Tanumalala Prison and STEC Lands Mulifanua.

National Stakeholder Workshop-Access and Benefit Sharing Project, November 2018



The workshop provided the opportunity for the key stakeholders to discuss the preliminary findings for some of the work carried out under the Global Access Benefit Sharing Project for Samoa, in particular, bio-discovery and traditional knowledge on Genetic Resource Database to facilitate the storage and manage of data.

National Toilet Day Theme “Innovative Solutions for Water and Sanitation in Samoa”, November 2018



The commemoration of the 5th National Toilet Day, was organized by the Water & Sanitation Sector Division and PUMA. Schools who participated discussed the importance of having proper sanitation facilities.

11th Annual Water & Sanitation Sector Performance Review, November 2018



The Review enabled the sector’s implementing agencies, development partners and key stakeholders to engage to review the progress of the Water and Sanitation Sector. The review discussed initiatives on drinking water quality, flood mitigation, drainage and sanitation activities being implemented across the subsector.

Renewable Energy Day: Powering Cities, Towns and Communities with 100% Renewable Energy, November 2018



The commemoration of the Renewable Energy Day in Savaii, highlighted the importance of sourcing clean and sustainable energy to generate electricity, gas for cooking and clean fuels for transportation. The program included the launch of LED Lights installed under the IMPRESS Project and the official hand over of Emission Testers to LTA to help regulate pollution and emission by motorists.

COP 24 Conference of the Parties; Paris Agreement, December 2018



Samoa was part of the 24th Conference of the Parties for the United Nations Framework Convention on Climate Change in Katowice Poland. During the Conference, the Honourable Prime Minister stressed the fact that Samoa and the Pacific Islands place high priority on fighting and adapting to climate change.

Vaipu Swamp Forests as a Protected Area, December 2018



The consultation with representative from the Fagaloa District was to discuss a possible agreement to designate the Vaipu Swamp Forests as a Protected Area based on the Government’s proposal under the RAMSAR Convention.. The long term benefits will ensure conservation of wetland areas such as the Lake Lanutoo.

UNFPA Gender Based Violence Programming in Emergencies Workshop, December 2018



United Nations Population Fund (UNFPA), in partnership with the Samoa Red Cross Society, conducted a week long training on the theme ‘Understanding & Preparing for Gender-based Violence Programming in Emergencies (GBViE). A representative from the Ministry is now certified to be an advocate for the Ministry to ensure the implementation of safe and effective GBV responses and mitigation measures.

Thanksgiving Service, December 2018



The Ministry came together for a prayer service to show gratitude for a successful year. The Honourable Fiamē Naomi Mata'afa gave an inspiration keynote address to acknowledge the work of the Ministry and give praise for God's blessing and mercy.

The Global Environment Facility (GEF) Small Grants Programme (SGP) in Samoa – January 2019



Ten applicants were awarded financial grants under the Small Grants Programme in Samoa, totaling a sum of over 218,000 USD, which will be utilised to implement community projects spanning numerous GEF Focal Areas (FAs). Two inception workshops were conducted to enhance awareness and understanding for Upolu and Savaii on the focus of the SGP and how to access the funds.

Rat Trap Monitoring – January 2019



The message behind this Rat Trap Monitoring campaign, is to enrich and increase forest cover, mitigate climate change impacts, but mostly is to preserve biodiversity.

International Renewable Energy Agency 9th Assembly – January 2019



The Honourable Fiamē Naomi Mata'afa and Mrs. Vanda Faasoa-Chan Ting represented Samoa at the 9th Assembly of the International Renewable Energy Agency (IRENA) in Abu Dhabi, United Arab Emirates.

A Small Island Developing States (SIDS) high level meeting was also held prior to the Assembly for discussions on accelerating SIDS' energy transition. Honourable Fiamē Naomi Mata'afa emphasized that climate change is the single greatest threat to SIDS as there is an urgency to take effective action immediately.

Tree Planting in Savaii for Forestry Division – January 2019



The Forestry Division continue to promote tree planting workshops to highlight the importance of forests and the Forestry Act 2011, which enforces harvesting of forestry resources and registration of portable sawmills operating in the country. Workshop participants discuss ideas on how to improve the Two Million Tree Campaign.

Plastic Ban in Effect for Samoa – January 2019



The Government officially endorsed the banning of Plastic effective from January 2019.

First Aid Certification Hosted by DMO – January 2019



The DMO in collaboration with the Samoa Red Cross staff members attended the first aid training organised by the Disaster Management Office (DMO). The first aid training covered aspects of drowning, adult/child choking, CPR, moving/transporting casualties, shock and faint.

Ground Breaking National Emergency Operations Centre, February 2019



The ground breaking ceremony for the National Emergency Operations Centre (NEOC) was held on the 6th of February 2019.

The NEOC will be equipped with the latest technology that will assist DMO with producing accurate information for the public during natural disasters. This will increase the resilience of Samoa and the Pacific region as a whole to natural disasters such as cyclones, coastal-riverine flooding, volcanoes, tsunamis and earthquakes by improving the quality of forecast and warning service.

The building is scheduled to complete by April 2020.

World Wetlands Day, February 2019



The commemoration of the World Wetlands Day 2019 was highlighted the importance of wetlands as the key to cope with climate change by providing natural solutions such as buffering coastlines from extreme weather, reduces floods and relieve droughts and naturally absorb and store carbon.

YCAN Samoa First Pacific Youth Group to Win RAMSAR Convention Award for Young Wetlands Champions, February 2019



Youth Climate Action Network for Samoa (YCAN) is the first ever Pacific youth group to be awarded the Ramsar Convention Award for Young Wetlands Champions. Ms. Samantha Kwan from the Environment and Conservation Division travelled to Dubai to receive this special award on behalf of her team.

The YCAN notable achievements which helped them secure the award which includes mangrove rehabilitation and restoration through planting and waste removal; coral reef rehabilitation, crown of thorns starfish control operations, awareness of wetlands and discussing climate change adaptation and mitigation activities with the local communities.

Launch of E-Waste Partnership, February 2019



The Ministry partnered with Samoa Stationary and Books (SSAB) and HP New Zealand Company to collect E-waste, starting with HP toners and ink cartridges, and shipping them

overseas for proper disposal and recycling.

The Waste Management Act 2010 include provision for the sustainable management of E-waste at the national level. E-wastes contain hazardous constituents that may negatively impact the environment and affect human health if not properly managed as is the case in small island countries.

Land Degradation Neutrality (LDN) Working Group Workshop, March 2019



The Land Degradation Neutrality (LDN) workshop on the analysis of land degradation trends for Samoa 2000-2018 with the use of Collect Earth and Trends Earth GIS Tools.

The main objective of the workshop was to equip participants with the required GIS knowledge to analyze trends of land degradation on all landscapes of Samoa in order to ease the task of determining the exact land areas of hotspots as well as brightspots according to UNCCD global and data index.

Key outcomes noted were: (i) Assessment of land degradation trends and associate drivers (LDN hotspots and brightspots) (ii) Generation of land degradation hotspots and brightspot maps based on the trend analysis including a sample updated map of Samoa's land cover etc

Ocean Planning Workshop, February 2019



With the aim to support Ecosystem-based Adaptation (EbA) by implementing a national-scale Marine Spatial Plan (MSP Ocean Plan) while strengthening community engagement in climate actions in Samoa. More than twenty participants from different Government Ministries and Corporations who had the key role in managing Samoa's ocean resources, attended the workshop.

Marine Spatial Planning (MSP) or Ocean Planning is a practical way of spatially organising the human use of marine areas to balance the demands of human activities with the need to maintain the health of the ecosystems on which those

activities depend. This is especially important in Pacific Island countries where 98% of their area is ocean, and where livelihoods, food security, cultural wellbeing, and economic dependencies are inter-connected with the ocean.

NUS Students Learn about Samoa's Biodiversity and Conservation Efforts, February 2019



Environment and Conservation Division and the Samoa Conservation Society (SCS) organize a program targeting University Science students to learn about conservation projects and understand simple approaches of how to monitor biodiversity.

The students were engaged with surveys and research work conducted for specific taxonomy data and different ecosystems, methodologies used for researching different species of plants, animals and their habitats and a tree planting at Malololelei to reinforce national commitment to environmental protection and biodiversity conservation for Samoa.

Parks and Reserves Officer receives Graduate Certificate from the University of Kent, March 2019



Mr. Lau Fialelei Enoka, Parks and Reserves Officer (Environment and Conservation Division) travelled to the UK to take part in the Durrell Endangered Species Management Graduate Certificate (DESMAN course).

The Honourable Fiame Naomi Mata'afa, Ulu Bismarck Crawley and Hester Whitehead from Jersey Zoo congratulate Mr. Fialelei for his accomplishment. He was one of the 15 students from different countries around the world, from St Lucia to Sri Lanka, Nigeria, India, Seychelles, Indonesia, Canada, Brazil, Armenia, United Arab Emirate, Hong Kong SAR, and China

World Water and Forest Day, “Leaving no one behind, through sustainable water and forest management education”, March 2019



This event took place at the Water Resources Division Field Office at Vailima, which was officially opened on the day.

The theme emphasized education as the key to sustainable water and forest management in all levels of the community, from the grassroots to the policy and decision makers, involving everyone especially the marginalized groups such as the elderly, women, children, refugees, indigenous people with the protection and conservation of water and forest.

Meteorology Bill 2019 Consultation, March 2019



As part of the activities to commemorate the World Meteorology Day 2019, a stakeholder consultation was conducted for the proposed Meteorology Bill 2019. The core function of the Meteorology division is critical to the safety of Samoa such as monitoring the climate and weather and other different functions such as the provision of meteorological services in the area of atmosphere, oceans and earth science.

Launching of Early Childhood Education DRM Materials, March 2019



The Early Childhood Education (ECE) Disaster Risk Management (DRM) materials aim to familiarise children with natural hazards and what to do when disaster strikes.

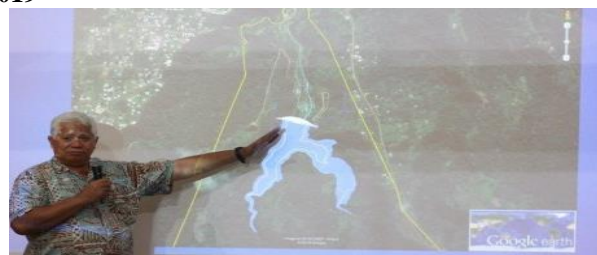
The main focus of the project is to increase children’s knowledge and skills, along with sharing more effective teaching methods to assist teachers in their work. The three natural disasters used as case studies cyclones, earthquakes and tsunamis.

Crown Prince of the Kingdom of Norway Visits Samoa: April 2019



The Crown Prince of Norway, Haakon Magnus, visited Samoa for the first time. During his visit, he was able to visit the Vaisigano River Project and Moata’a Mangroves. The Honourable Fiame Naomi Mataafa, MNRE Minister and Ulu Bismarck Crawley, CEO-MNRE led the site visit.

Alaoa Multipurpose Dam Project Consultation: April 2019



Non-governmental organizations, communities and representatives from community-based organizations attended a consultation on the proposed Alaoa Multipurpose Dam Project, facilitated by the Electric Power Corporation, MNRE representatives, MWTI, SWA (the Samoa Water Authority) etc. Some of the issues raised by the participants include land boundaries, compensation and most importantly the safety of the proposed project. The objectives of the project are to protect the public from flooding, ensure that there is clean water during drought/dry season and natural disasters, and generate electricity to minimize the use of diesel.

DEC School Awareness Program: April 2019



Schools took part in the Environmental Education Program at the Vailima National Reserve. The objective of the program was to enable students to learn about the significance of ecosystem services and protection and learn about methodologies and tools available to survey and monitor ecosystem and species, to name a few.

Cyber Investigation Training, April 2019



Three officials from the U.S. Federal Bureau of Investigation came to Samoa to offer training to 26 ICT professionals on the basics of conducting cyber investigations. The training consisted of instructions on the basics of hardware and software systems, the various aspects of the internet, how to investigate cybercrimes, and how to carry out online investigations.

Signing of Agreements Land Compensation for the Tiavea Airport Project, April 2019



The Ministry hosted the signing of the Memorandum of Agreement between the Government of Samoa and the village of Tiavea, for lands used for the Airport Project at Tiavea.

Mangrove Awareness Program: April 2019



Staff from the Environment and Conservation Division assisted the Saleimoa Primary School Year 5-8 with their mangrove awareness program. Around 80 students took part where they learn about the types of mangroves found in Samoa, characteristics, importance, threat and what they can do to help. The program ended with a short visit to one of the mangroves in Saleimoa in its subvillage of Nono'a.

Integrated Water Resources Management and Participatory 3 Dimensional Modelling: May 2019



The Ministry aims to build community resilience through integrated water resources management and the use of the Participatory 3 Dimensional Modelling. The Ministry's Water Resources Division conducted workshops for the village of Lepa and this was the second series of workshops to build awareness and to facilitate implementation of the project

World Oceans Day Clean Up Greening of the Games: June 2019



The World Oceans Day was commemorated with a town clean up event in line with the Greening of the Games initiatives with SPREP, Pacific Games Office, Samoa Tourism Authority and Ministry of Women.

Educational Awareness Tree Planting Activity (EATA) Stage 1, June 2019



The EATA Stage 1 of the Two Million Tree Campaign and Greening of the Games program for Upolu commenced at the Mt Vaea Nature Reserve and the Forestry Station at Vailima, five school participated

Two Million Trees Campaign assists the IMPRESS Project, June 2019



More than two hundred tree saplings were planted by students to assist towards achieving its target goals of restoring forests biodiversity. The event took place at the Faleolo Reserve. Only four native species were selected by the Forestry Division to be used for the tree planting; Tava, Leva, Fao and Malili. These native plants are sustainable for coastal areas

Land and Soil Week Lalomanu: June 2019



The program highlighted the need for the protection of coastal lands and vulnerable communities against aggressive land and coastal erosion.

Managing Sustainable Energy, June 2019



The Renewable Energy Division facilitated the National Renewable Energy Workshop with the theme “*Working together in managing sustainable energy for Samoa*”. The objective was to bring together all stakeholders in the energy sector to share information and discuss roles and responsibilities in managing sustainable energy.

Harvesting Invasive Trees, MNRE Improving Performances and Reliability of Renewable Energy Power System in Samoa supporting STEC, June 2019



Ten sets of safety gears (safety headsets, safety glasses, safety boots and rain coats) were officially handed over to the STEC by the IMPRESS Project, to assist the Corporation with its operations of harvesting Invasive Trees as feedstock under the Biomass Gasification Plant (BGP).

The actual feedstock will be composed of four targeted species; Puluva'o, Pulumamoe, Fa'apasi and Tamaligi Pa'epa'e. These invasive species will be harvested only from certain pots of Afolau that is affiliated with the BGP.

3,235 Samoan Native Trees Planted by Athletes of the XVI Pacific Games, June 2019



The Ministry led the coordination and implementation of the tree planting activities for athletes during the Pacific Games. Two planting sites were prepared for the athletes; Vailima National Reserve at Mt. Vaea and the Faleata Recreation Reserve at Tuanaimato.

Greening of the Games Initiatives, June 2019



The Ministry in partnership with SPREP, MWCSO, STA and the Pacific Games Office implemented a series of events to help promote the message of “Plastic Free Pacific Games”. Key activities include river clean ups, installation of water stations at the games venue, tree planting, the promotion of re-useable water bottles and shopping bags.

River Clean Up, June 2019



Staff Establishment

Division	Occupied	Vacant	New Established Position	Non-Established Projects	Total
CEO	1	0	0	0	1
MIN	4	0	0	0	4
ESCU	4	0	0	2	6
CSD	48	3	0	0	51
DEC	51	2	5	0	58
FOR	86	8	0	0	96
CCGEF	5	1	0	0	6
ICT	5	1	0	0	6
LMD	29	2	5	3	40
LEGAL	5	1	0	0	6
MET	39	1	4	0	45
PUMA	20	2	0	1	23
RED	3	1	0	4	8
SIA	22	3	0	1	26
WRD	26	2	0	1	29
WSSCU	5	1	0	0	6
DMO	9	0	0	1	10
TOTAL	368	28	14	13	421

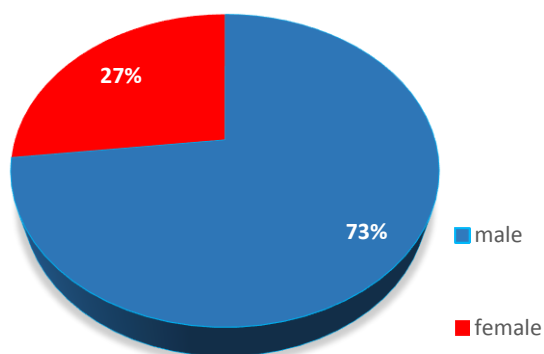
Total of 421 staff, male comprise 73% of 308 and 27% females; of 113.

- The majority of divisions are highly dominated by males except Legal, Renewable Energy, Disaster Management Office, Environment Sector, Water Sector Unit, Corporate Services and PUMA Division with most females.
- The Ministry experiencing the growing number of females taking up more advertised vacant positions whilst males tend to take up technical positions (the technicality of the work required in the field).
- Some technical field works by divisions have attracted female graduates thus the increasing number of females recruited (e.g. Water Resources, DEC, LMD, RED and DMO).

The Ministry has a comparatively young workforce with over

- 58% falling into the 20s and 30s age bracket.
- 26% of the workforce are below 50
- 16% over 50

Extended service for staff over 55 years of age- 3



Staff Development

- The total number of training opportunities for the FY 2017/18 was 131 compared to 254 of this FY 2018/19, an increase by 90%.
- 51% of the total opportunities offered were for meetings/negotiations; 49% for technical trainings, seminar and workshops (*Refer training Table on page 50*).

Challenges

1. Limited Financial resource to cover all operational cost for the Ministry, which impacts on the delivery of work.
2. Human Resources - (Issues relating to human resources are identified in the Ministry's Workforce Plan and efforts have been made to address and take appropriate measures accordingly).
 - Retain and maintain qualified staff incentives are essential for a secured career within various division such as Meteorology(MET) and Spatial Information Agency (SIA), recommend Job Classification System (JCS) and restructure for the division (restructure exercise with PSC).
 - Restructuring to recognize higher qualification for specialized areas (i.e. meteorologists and climatology, hydrologist etc.)
 - More training for technical services (i.e. surveying, GPS, GIS, draughtsman, land management etc
 - Conduct a Functional Review for the MET & SIA Division for enhanced services.
 - Quick turnover of the junior 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, rehabilitation of forest areas and sandmining.
4. Limited budget for operational costs - i.e. High Internet, vehicle and electricity cost because of 24/7 operations (MET, DEC & DMO) and the maintenance of early warning equipment.
5. Monitoring and enforcement of existing policies and legal instruments for divisions.
6. Limited office space for project staff with separate locations.
7. Enforcement of legal tools within Communities (eg; (deforestation vs agricultural farming on customary land)
8. Budgetary demands for capital replacement and infrastructure maintenance.
9. Maintaining the level of compliance to regulations and policies (e.g. License for Water Users)
10. Contract issues and procurement under project.

OUTPUT 1: POLICY ADVICE TO THE MINISTER

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

SUB OUTPUT 1: CLIMATE CHANGE & GLOBAL ENVIRONMENT FACILITY

Assist with finalizing Samoa's priorities for environmental protection and restoration through the GEF Pacific Alliance of Sustainability Framework and other funding sources.

The newly expanded division of Climate Change and Global Environment Facility (GEF) provides a coordinating and facilitating role for Climate Change and GEF projects in Samoa. In addition to its previous function of coordinating GEF programmes in the focal areas of environmental projects related to biodiversity, international waters, land degradation the ozone layer and persistent organic pollution, Climate Change operations are also coordinated under this division.

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.

1.1 GEF obligation and Division as support for the National Operational Focal Point (OFP)

The continuous advisory role in facilitating and coordinating the channeling of GEF financial assistance for project development and implementation and coordination of Climate Change programs continues to be the main role of this division.. This financial year achievements and highlights are as follows;

- The revision to the Divisional functions to officially include climate change program coordination.
- The National GEF Dialogue workshop was conducted in this financial year and achieves one of targets for national obligations. The preparation and development of the GEF 7 Project concept with stakeholders was achieved with a draft PIF submitted to the GEF council.
- The approval of the third National Communication and the Biennial update proposals was also another key achievement this financial year which is part of fulfilment of Samoa's obligations to the UNFCCC.
- The development of the National Climate Change Report Card and reporting to the Cabinet Development Committee at a quarterly basis reflects one of the highlights of this financial year
- The continuous National Climate Change awareness programs through media outlets

1.2 Regional and national supported Programmes through financial assistance received from GEF

Regional- enhanced capacities and national representation to GEF programmes and contribution to the region on issues of climate change and sustainable programmes implemented at the regional level. The regional projects under the GEF focal area of International Waters continues for this financial year with Samoa through the Water Resources Division is implementing the Ridge to Reef regional programme. Another

regional programme on Climate Change includes the Pacific Resilience Project which commenced implementation from 2013 - 2020.

National Environmental Projects and Community Micro projects

Summary of National and Regional projects and Enabling Activities that are implemented by Divisions of MNRE

Project Title	Duration	Total Estimated programme USD	% of Project Delivery to Date
ON GOING PROJECTS			
EWACC Project (Implemented by the Climate Change and GEF Division)	2015–2021	12,322,936	64%
SMSMCL Project(Implemented via the Land Management Division)	2013 - 2018	4,736,363.	82%
Renewable Energy IMPRESS (Implemented via the RED Division)	2017 - 2021	6,125,828.	51%
Ridge to Reef (Implemented via the Water Resources Division)	2016-2019	200,000.	60%
TOTAL ESTIMATED RESOURCES - SAMOA		31,867,478.00	
Enabling Activities			
Access Benefit Sharing (ABS) project (Obligation to the convention)	2017 – 2019	USD350,000.00	80%
CBD 6 th National Report to the Convention on Biological Diversty	2018-2019	USD 100,000.00	100%

Small Grants Programme in Samoa

The presiding chair for the Steering Committee of the Small Grants Programme in Samoa is MNRE through the Climate Change & GEF Services Division as the coordinating unit. The FY 2018/19 approved a total of 47 proposals from communities and disbursement of financial assistance is via the GEF-UNDP Office to successful applicants to implement their proposed community projects.

1.3 EWACC Project

The GEF Division is also coordinating the implementation of the EWACC project in collaboration with the key implementing stakeholders; Ministry of Finance (MoF), Ministry of Women Community and Social Development (MWCSD) and Ministry of Works Transport and Infrastructure (MWTI). The project's key objective is to enhance the efficient integration and management of adaptation and DRR/DRM into national development planning and programming including the resilience to climate change and natural disaster of communities' physical assets and livelihoods across Samoa.

- Completion of the construction of River flood protection along the Vaisigano catchment for Segment 1.

- Approximately 374 beneficiaries for the improving livelihoods component in collaboration with MWCSO in progressing the ongoing environmental programme initiatives within this financial year.
 - The roll-out of the Community Disaster and Climate Risk Management (CDCDRM) programme with DMO and first responder agencies such as the Samoa Red Cross Society and ADRA has seen seven (7) villages (Tafua, Safotu, Fagalii, Apia, Vaimoso, Faatoia, Vailoa, Saleaamua) completing CDCRM in this financial year. Another 10 villages is in the pipeline for the next financial year.
 - Moderately satisfactory in performance according to the Project Implementation Report (2017/18) for this project
 - Facilitation of several high-level visits including regional and international delegations and donors' site-visits to project sites for their site inspections such as the official visits from the Prince of Norway and the UNDP Deputy Regional Director for Asia and the Pacific.
3. Ongoing school awareness programs for both Savaii and Upolu.
 4. Renewable Energy Day commemoration on 29th November 2018 in Savaii.
 5. IMPRESS Project Study tour to Nabou Biomass Gasification Plant in Fiji on the 28th Feb – 1st March 2019. The purpose of the tour was to visit Nabou Green Energy - Biomass Gasification Plant, seeking their feedback and this type of RET that Samoa is yet to develop.
 6. 300 solar lights procured under IMPRESS Project arrived on island on 16th Feb 2019. RED complied all the request letters received and carried out the assessment and verification of requests from communities for these solar lights based on the approved guidelines from 20th May – 7th June 2019. The team started dispatching of these solar lights to the community groups starting on 11th June 2019. Due to the number of requests received the team has standardized the number of lights given as 2 or 1 per community request. The team developed and put together a Manual of instructions for all communities to assist with the installation of these lights.

1.4 Samoa National Priorities and negotiations at the International forum

UNFCCC Conference of the Parties (UNFCCC COPs)

- Supporting Samoa's high-level delegation to the Conference of the Parties to the UNFCCC including Regional and International fora on advancing negotiations under the Paris Agreement.
- National representation and participation in global negotiations and agreements via establishing national and regional positions on international and regional priorities through this platform.
- Other key national obligations by Samoa to UNFCCC are pipelined for fulfillment includes; *3rd National Communication Report, the Biennial Update Report on Climate Change and Review of Samoa's National Determine Contribution (NDC)*.

SUB OUTPUT 1: RENEWABLE ENERGY DIVISION

To promote Climate Change Mitigation through Energy Efficiency and Renewable Energy.

1. Awarding of IMPRESS contracts to Transworks Ltd for the preparation of Afolau site and Ankur Scientific Energy Technologies Pvt. Ltd on 2nd August 2018 for the construction of the Afolau Biomass Gasification Plant to be commissioned in December 2019.
2. International Union for Conservation of Nature (IUCN) Energy Workshop on 6th – 9th November 2018, at Aga Reef Resort. MNRE through RED/ IMPRESS hosted an energy workshop with its objective to bring together the Energy Sector Partners in Samoa to share information with regards to the development of Energy in Samoa. Sites visits to all RET sites were conducted during the same week around Upolu and Savaii.
3. Collaborated with the Minister of Finance Energy Division to develop TV advertisements for the Energy
4. Hosted by Ankur Company the Factory Assessment Testing (FAT) mission to India for the Biomass Gasification Plant was conducted on the 20th – 30th March 2019. The Project Manager of EPC – Mr Fonoti Perelini Perelini and CEO of STEC – Mr Patea Malo Setefano attended the factory assessment test to verify that the system procured for Samoa is authentic and of the correct specifications as provided by the Contractor.
5. RED together with the Forestry Division through the 2 Million Tree Campaign Project conducted a tree planting awareness campaign for the selected colleges; namely Aana I College, Aana II College, Nu'uausala College, Leulumoega Fou College and Paul IV College near the Afolau site, on 14th June 2019. More than two hundred (200) tree samplings were planted by students to assist the government in achieving its target goals of restoring our forests with biodiversity. This event took place at the Faleolo Reserve which is near the Afolau site; the IMPRESS project saw this as a great opportunity to promote the importance of sustainable developments through the eradication of invasive species which dominate most of the lands at Mulifanua; and to promote the ongoing replantation of native species to offset the harvest operations which will take place at Afolau lands for the Biomass Gasification Plant.
6. Collaborated with the Minister of Finance Energy Division to develop TV advertisements for the Energy

Efficiency Act 2017 to be aired for the public's information, both in English and Samoan.

10. Energy Mapping tool for data collection and analysis with the Electric Power Corporation and other NDC stakeholders

SUB OUTPUT 1: ENVIRONMENT SECTOR COORDINATION UNIT (ESCD)

“Ensure coordinated efforts amongst all stakeholders for optimum results.”

1. Sector Annual Reviews against the National Environment Sector Plan (NESP) 2017 – 2021



Sector Annual Review @ New Vaillima Office

The ESCD conducted the fifth annual review in March 2019 and this Review facilitated the mid-term revision of the NESP following its implementation from FYs 2016/17, 2017/18 and the first half of 2018/19.

The mid-term review of the NESP took stock of implementation and progress achieved in the first 2 and a half years including key challenges and opportunities. It also provided an opportunity for NESP focal points and implementing partners to review and share lessons learned in order to strengthen individual national stakeholder implementation. The review process involved stakeholder consultations in the appraisals of annual reports including budget reviews of KPIs and assessing quarterly progress reports by individual sector. The final Mid-term Review Report is presented formally in two forms; (i) a summarized Overview Report on Sector Performance and (ii) a detailed Mid-term Review Report.

2. National Environment Sector Steering Committee (NESSC) Quarterly Meetings



NESSC Quarterly Meeting.

The NESSC convened on a quarterly basis which targeted at least four meetings within this financial year as follows;

- **First quarter**, July – September, 2018 – NESSC convened on 9 Nov 2018
- **Second quarter**, October – December, 2018 – NESSC convened on 27 Feb 2019,

- **Third quarter**, January – March, 2019 – convened on 30 May 2019
- **Fourth quarter**, April – June, 2019 – convened on 31 July 2019 at the start of the new FY2019/20.

3. Quarterly Sector Progress Reports produced and tabled at NESSC Meetings

The ESCD provides secretariat services to the NESSC which includes facilitation of the NESSC's agenda and programme as informed in the NESP 2017 – 2021. Quarterly progress reports are compiled by the ESCD with technical inputs from implementing focal points and partners. These reports are tabled at Quarterly NESSC Meetings for discussion and endorsement.

4. Adequate Staffing and Resourcing of the Division

Since the establishment of the ESCD and recruitment of ACEO in 2014, the Division was able to recruit 3 staff approved by the PSC in October 2018.

The Division is also the coordinating focal point for MNRE's Green Climate Fund (GCF) component under the GCF-funded Vaisigano Catchment project currently managed through the Ministry of Finance (MOF).

- Two senior positions for GCF were approved by PSC in August 2018 and the staff includes MNRE GCF Project Coordinator and Project Officer.;
- More staffing positions are expected to be recruited in the next financial year under the GCF Project.

5. NESSC Site Visits

The NESSC had scheduled two (2) site visits as part of its monitoring role for this financial year. The visits provide opportunities to ground-truth implementation progresses and outcomes by individual sector as benchmarked in progress reports as per achieved or pending achievement across sectors. This is in order to validate reported data and information in particular to better inform the understanding and increased awareness of NESSC stakeholders regarding specific concerns and related crosscutting sector issues and challenges to be further addressed by relevant actions. Site visit and sector progress reports are compiled and tabled before each NESSC quarterly meeting for endorsement.



NESSC with the Moataa community



Vaitele-uta Primary School Model Farm

The first site visit in December 2018

- Moataa Mangrove Conservation and Cross Island walk way bridge
- Vaiala seawall
- Vaisigano Revetment wall
- Magiagi Model Farm
- National Emergency Operations (NEOC) at Tuanaimato
- Tafaigata Landfill (and weigh bridge) and Sludge Treatment Facility
- YWAM Biogas Village at Falelauni
- Meteorology Office to showcase services provided including forecasting, earthquake monitoring and geoscientific observations at Mulinuu.

The second visit was held in July 2019

- Vaitele Primary School Model Farm;
- Nuu Chinese Model Farm;
- Construction of the Afolau Biomass Plant at Mulifanua;
- Samoa Green Products Ltd at Tanumapua;
- Vaoala EFKS Youth group waste management and keyhole gardens project; and
- the newly established MNRE Field Office for the Water Resources Division at Vailima.



Afolau Biomass Construction Site Mulifanua

6. Sector Wide Coordination

(a) NGOs Forum

Strengthening engagement with sector partners is crucial in sector wide coordination. The Sector through MNRE has worked closely with a network of environment related NGOs to strengthen engagement and formalize a platform to showcase the work of NGOs, increase sharing of information and enhance coordination of sector related programs. The first meeting of Sector NGOs was held informally in December 2018 through a luncheon hosted by the Samoa Conservation Society and its members at Tiapapata. The second meeting was held in March 2019 at MNRE, the outcome of which formalized the appointment of Mr. James Atherton as Chair and the ESCD to provide secretariat services. Plans to organize a Forum with the support of

development partners are in place to be effective in the next financial year.

(b) Oceans Account

The MNRE and the Samoa Bureau of Statistics (SBS) with the support of UNESCAP worked closely to develop Samoa's Oceans Account following the successful pilot of Samoa's Water Account. At present the SBS is working closely with MNRE and other Sector partners to finalise Samoa's Waste and Energy Accounts. The UNESCAP held its study mission from 11 – 15 February 2019 followed by stakeholder workshops and training from 7 – 8 May to finalise the study report. Samoa's Pilot Phase is currently underway focusing on the development of a Tourism Satellite Account (TSA) in close collaboration with the Samoa Tourism Authority (STA) as part of an overall sustainable tourism initiative.

(c) Agriculture Sector – SPO 4

MNRE chairs monthly meetings of the Agriculture Sector's Policy Objective 4 (SPO4) Working Group responsible for the Sector's sustainable agricultural and fisheries resource management practices, climate resilience and disaster relief efforts. The Working Group (WG) comprises members from the Ministry of Agriculture (Crops, Livestock, Fisheries, Policy and Planning, Legal and the Sector Coordination Division), WIBDI, FAO, SSFA, SSFI, Tautai Association and MNRE (ESCD and DMO). As chair of SPO4 WG, MNRE reports to the Chair of the Agriculture Sector Steering Committee on a quarterly basis.

7. GCF Project Activity 2.2: Implement ecosystem responses upstream for decreased flows during extreme weather events (MNRE Component). Total Budget is USD\$8,084,700.00

Component 1: Implementation of the Cash for Work (CfW) Programme

The project commenced in April 2019 and will continue until December 2023. The recruitment of 34 field assistants; 14 under Division of Environment and Conservation (DEC), 10 under the Water Resources Division (WRD) and 10 under the Forestry Division (FD). Main responsibilities include manual land preparation and management, seedling collection and propagation, and nursery maintenance work to support the biodiversity rehabilitation work for the Vaisigano Catchment Area and nearby areas.

Programme also supports the 2 Million Tree Campaign 2015-2020.



Tree Planting Activity

Completed 3 monitoring surveys including 2 for butterflies and birds, and 1 for the invasive water lettuce plant around the VCA and various other sites Upolu. The surveys focussed on

determining the presence of species to inform relevant management plans for birds and butterflies, and the eradication and control measures for the invasive species.

Supported the commemoration of the World Water and Forest Day 2019 through the procurement of promotional materials (reusable bottles, umbrellas, t-shirts, stationery for educational tours).

Supplied 160 wheelie trash bins and billboards for the Waste management initiatives in and around the VCA and CBD areas.

Component 2: Implementation of the Payment for Ecosystem Services (PES) Programme

The PES programme undertook a 2-week study tour to Vanuatu and Fiji consisting of 9 representatives from the project team and key implementing agencies. The main objective was to study successful practices and key lessons learned from the implementation of PES projects, Ecosystem based Adaptation Enterprises projects and ILO community based Cash for Work schemes. The study tour was very helpful and informed the implementation of similar programs under the Vaisigano Catchment Project.

Completed the PES Pre-feasibility Study for possible PES projects that can be implemented within the VCA, in November 2018. The study identified 2 potential sites to be piloted under the project.



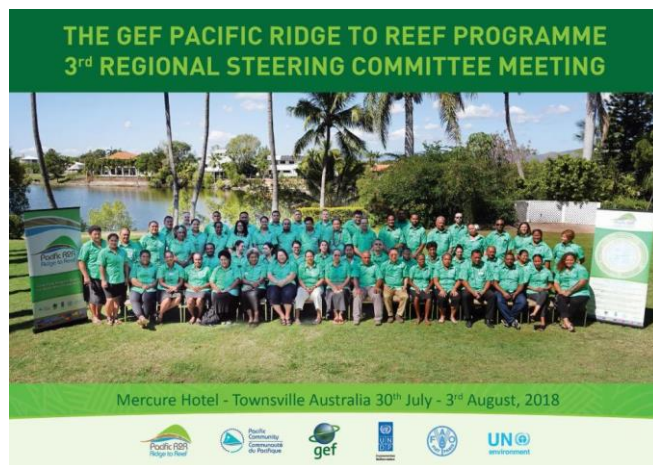
Figure 8 Study Tour to Vanuatu on PES, EbAED

Component 3: Implementation of the Ecosystem based Adaptation Enterprise Development (EbAED) Programme

Institutionalized arrangements for the implementation of the EbAED program through the CSSP and SBEC as key stakeholders. The program aims to support EbA enterprises that generate income for vulnerable families, meanwhile support environment conservation for integrated flood management. The first Call for Proposals was closed on June 24th 2019, with a total of 330 projects proposals received for assessment to be completed in the first quarter of the new FY



Figure 9 GCF Community Consultation at Maagiagi



OUTPUT 2: MINISTERIAL SUPPORT

“Provide secretarial and administrative support to the Minister”

Administrative Services

Support services provided during the year include:

- Arranged appointments by the public and officials
- Weekly de-briefing sessions with the CEO
- Minister’s Board Meetings;
- Attend to clients request via correspondences, or in-person
- Official correspondences
- Cabinet submissions reviewed and signed prepared and submitted for the Minister
- Arranged Minister’s official trips and inspections;
- Prepared and arranged Minister’s official functions;
- Arranged overseas trips for ministerial meetings and international conventions, these included COP meetings, regional and international meetings

Summary of Meetings	
Number of briefings conducted with the CEO/ Management	35
Number of Board Meetings (5 Board) + Special Meetings (10 PUMA, 8 LMD)	18
Number of International and Regional Conferences attended by the Minister/ Associate Minister	12
National Events officiated by the Minister	10

List of Official Meetings
2nd Ministerial Meteorological Ministries Meeting, Honiara Solomon Island
United Nations Environment Assembly & Pollution Free Planet, Nairobi Kenya
Pacific Leadership Programme Advisory Board Meeting Suva, Fiji
Invitation to the ADB for International Women’s Day, Manilla, Phillipine
Conference of the Parties 23 (UNFCCC), Bonn, German
6th GEF Assembly Meeting, DA NANG, Mongolia Vietnam
COP 14- CP/MOP9-NO/MOP3, Sharm El Skeikh, Egypt
Global Organisation of Parliamentarians Against Corruption (GOPAC) workshop - resource person, Niue
Asia - Pacific Ministerial Summit on Environment, Bangkok Thailand
Pacific Network of High level male MP Advocates to promote womens representation in politics, Brisbane, Australia
Special Conference for issues on Weather and Dignitaries, Honiara Solomon Island
Fourth Pacific Meterological Conference, Honiara Solomon Island
Pacific Conference for Awareness Programs on Tsunamis in the Asian Region and the Pacific, Suva Fiji
Forum for Senior Committee and Ministerial International Relationship



11th Conference of the Pacific Community on Ocean and Sustainable Development, Noumea, New Caledonia



Honorable Deputy Prime Minister delivering the Keynote address



Crown Prince of the Kingdom of Norway visits the Moataa Mangrove Walkway Bridge



CBD COP 14 Meeting-Egypt

OUTPUT 3: LAND MANAGEMENT

“To facilitate and implement sustainable land management practices and administration of land and land-based resources.”

3.1 CUSTOMARY LAND LEASE SECTION

Table 1: Revenue from the 5% Commission in Leasing Customary Land and other services for period 2018 – 2019 compared to 2017 – 2018

Year 2017		Year 2018	
Months	Revenue	Months	Revenue
July	\$18,629.61	July	\$18,111.78
August	\$5,707.31	August	\$5,584.29
September	\$14,423.22	September	\$4,245.63
October	\$5,017.16	October	\$6,794.74
November	\$5,716.41	November	\$3,570.00
December	\$2,117.50	December	\$5,561.59
Total	\$51,611.21	Total	\$43,868.03
Year 2018		Year 2019	
Months	Revenue	Months	Revenue
January	\$2,871.55	January	\$3,988.93
February	\$3,455.28	February	\$4,916.99
March	\$1,913.12	March	\$2,569.45
April	\$14,406.38	April	\$4,971.95
May	\$1,337.78	May	\$15,859.42
June	\$1,281.27	June	\$4,914.68
Total	\$25,265.38	Total	\$37,221.42
GRAND TOTAL:	\$76,876.59	GRAND TOTAL:	\$81,089.45

The \$4,213.45 revenue from the last financial year indicates an increase in the number of leased customary lands now committed for development

Table 2: New Leases

Types of Lease	FY 2018/19		
	Upolu	Savaii	Total
Bluesky	2	1	2
Digicel	4	1	5
LDS	3	1	4
AOG	1	1	2
SDA	1	1	2
Individual Business	2	-	2
Catholic	1	-	1
SISDAC	2	1	3
Ekalesia toe foi i le Satauro		1	1
Total – FY 2018/19	16	7	23
Total – FY 2017/18	6	14	20

3.2 GOVERNMENT LAND LEASE SECTION

Table 3: Land Board Meetings 2018-2019

FY 2018-2019	# New Application Tabled	# of Application Approved	# of Application Declined	# of Application Deferred
Total	82	45	29	8

Table 4: Revenue from government land leases (FY July 2018 – June 2019)

SUMMARY	TOTAL	
	2017-2018	2018-2019
Aleisa	334,640.70	155,068.00
Tanumalala	42,487.00	31,261.00
Salelologa	24,500.00	-
Nuu	1,475.00	2,500.00
Toomatagi	250.00	100.00
Afiamalu	8,635.00	7,499.56
Tiavi	898.00	200.00
Laloanea	9,100.00	48,300.00
Motootua	200.00	-
Apia Park	4,000.00	7,750.00
Reclamations	127,030.00	33,490.00
Miscellaneous	1,774,435.82	788,676.11
Other Fee (tender etc)	930.00	8,428.30
Paper Work	1,500.00	2,000.00
Total	\$2,340,081.52	\$1,084,877.97

A huge loss of revenue by a million is observed for this financial year compared to the previous year. This is largely due to the transfer of land ownership and mandate of the management of Salelologa township lands to SLC as well as revenue from Aleisa leased lands is currently undergoing stability payment of normal annual leased rates in this financial year compared to the last financial year which undertook strong enforcement of payment from Aleisa lessees of the many years of outstanding arrears to the Ministry.

Table 4 reflects the top revenue from government leased lands is under the ‘miscellaneous’ category. This is due to the mere fact that the ‘miscellaneous’ grouping comprises different government lands under leased arrangement conditions to other government ministries and corporations such as MESC and SIFA, including the private sector such as the RSA, Digicel and Bluesky as well as government lands located in different rural and urban villages such as the Taumeasina Hotel in Moata’a village.

Table 5: Revenue Collected from Burial plots 2018-2019

LOCATION	REVENUE	
	2017-2018	2018-2019
Tafaigata	19,700.00	10,800.00
Vailele	10,800.00	4,200.00
Magiagi	300.00	1,500.00
Tufuiopa	300.00	600.00
Total Revenue	\$31,100.00	\$17,100.00

Table 6: Total Revenue collected during financial year July 2018-June 2019 from the government land leases

Summary of Government Land Revenue		Total
1	Lease Payments	1,084,877.97
2	Burial plots	17,100.00
Total Revenue		\$1,101,977.97

3.3 LAND DEVELOPMENT SECTION

Table 7: Sandmining Activity Revenue

Months	Stakeholders			
	Commercial	Individual	Commercial	Individual
	2017-2018		2018-2019	
July	0.00	305.00	8,400.00	140.00
Aug	170.00	130.00	200.00	65.00
Sept	1,800.00	150.00	0.00	170.00
Oct	500.00	525.00	0.00	155.00
Nov	100.00	300.00	5,500.00	180.00
Dec	5,000.00	100.00	300.00	30.00
Jan	1,000.00	30.00	1,500.00	330.00
Feb	0.00	1,525.00	3,000.00	0
Mar	250.00	0.00	2,500.00	50.00
Apr	0.00	0.00	3,000.00	860.00
May	1,000.00	30.00	0.00	50.00
June	3,000.00	20.00	0.00	0.00
Total	\$12,820.00	\$3,115.00	\$24,400.00	\$2,030.00

Table 8: Comparison Summary of Total Sandmining Revenue between the last two Financial Years

Financial Year	Stakeholder type	Sub-Total	Grand Total
2017-2018	Commercial	12,820.00	\$15,935.00
	Individual	3,115.00	
2018-2019	Commercial	24,400.00	\$26,430.00
	Individual	2,030.00	

Sandmining works within the FY2018-2019 showed an increase in revenue by \$10,495.00 compared to the revenue collected for FY2017-2018. This is largely due to the relative increase in demand for sand from commercial miners mainly for the government infrastructural works such as road widening, airport development, Matautu wharf upgrade, Apia waterfront and other urgent government projects.

Table 9: Reclamation Activity Revenue

Months	Reclamation Revenue per Permit Issued per Financial Year			
	2017-2018		2018-2019	
	July	1	500.00	0
Aug	1	500.00	0	0.00
Sept	0	0.00	5	2,500.00
Oct	0	0.00	1	500.00
Nov	1	500.00	2	1,000.00
Dec	0	0.00	0	0.00
Jan	0	0.00	0	0.00
Feb	0	0.00	1	500.00
Mar	1	500.00	0	0.00
Apr	1	500.00	1	500.00
May	1	500.00	0	0.00
June	1	500.00	0	0.00
Total	7	\$3,500.00	10	\$5,000.00

Reclaiming works showed a profit of \$1,500.00 from collected revenue in this current FY2018-2019 compared to FY2017-2018. Most of reclaiming works are for retaining lands from erosion and land extension for residential purposes.

The positive reflections in the significant increase of revenue from both sandmining and reclamation activities in the current financial year compared to last FY is largely owed or merited to the much active and immense effort of the MNRE Minister's Advisory Committee (MAC), under the chairmanship and the

capable leadership of the Associate Minister, Hon. Taefu Lemi Taefu, in the effective monitoring of illegal sandmining and reclamations through their monthly reporting of the mentioned illegal activities by identified offenders to the responsible division. This active teamwork and partnership collaboration between the MAC and the LMD (the responsible MNRE division) has effected much help and ease in notifying offenders more efficiently as well as engaging their compliance much more effectively in following standardized policy and legal procedures for applying for legal permits to solicit their mining operations and reclamation activities.

Table 10: Revenue Collected from Billboards and Signages on Government lands

Financial Year	No. of Permits/ License Issued	Total Amount
2017-2018	2	\$1,500.00
2018-2019	1	\$400.00

Table 11: Stalls Revenue from Government lands in and around Apia

Months	Stalls Revenue per Permit Issued per Financial Year			
	2017-2018		2018-2019	
	July	1	100.00	6
Aug	2	70.00	10	1,000.00
Sept	9	2,540.00	5	780.00
Oct	11	280.00	2	45.00
Nov	18	2,405.00	1	550.00
Dec	16	1,310.00	8	2,215.00
Jan	5	920.00	0	0.00
Feb	2	110.00	0	0.00
Mar	5	560.00	3	170.00
Apr	4	510.00	6	150.00
May	6	620.00	8	1,570.00
June	9	1,520.00	8	145.00
Total	88	\$10,945.00	57	\$7,135.00

A major drop in revenue collected is observed for this current financial year 2018-2019 compared to the previous financial year 2017-2018. The main reason for this huge loss is earnings from the annual Independence Day is now handled by the MOF for purposes of payment of expenses generated during preparation for and celebration of Independence which the Independence committee is mainly responsible for. Hence the normal revenue earned annually during June from Independence day is no longer accounted for in our annual report for stalls.

Another loss of revenue is due to the restricted use or rather now the total ban of small-scale vendor stall operations at the Government Building frontal area complex. This directive became effective from date since the Waterfront project works completed earlier in the year in front of the Government and Central Bank Buildings.

3.4 LAND REGISTRATION SECTION

The Land Registration Section had received 2,953 instruments for registration this year and achieved about 2,870 instruments for registration within this fiscal year 2018 – 2019. A total of 67 instruments were carried forward from 2017/2018FY and reason being, these instruments were non-compliant with the LTRA Act 2008. Thus, amounting to a total of 3,020 documents received for registration, whereby 34 documents were cancelled in reason to re-registrations of the same interest or non-conducted official searches and 116

are being rolled over to new fiscal year and requisitioned by the Registrar of Lands due to incompliance with the LTRA Act 2008. In terms of the internal registration services, a total of 417 cancel and termination services were registered for extinguishing interests that were to be removed from the computer system which were exclusive of any fees charged. Additionally, the record services such as easements, memorials and proclamations and Registrar's memorials amount to 227, and a total of 14 land titles were varied to a different estate type, 79 titles were converted to the current computerized system and a total of 1,084 new titles were created.

Therefore, with the land search services a total of 5,340 services were conducted and a total of A3 and A4 copies made amounted to 2,828, resulting in 8168 official searches and copies made.

The Land Registration Section revenue earned throughout this 2018 – 2019 fiscal year, for instruments received for registration amount to a total of \$295,300.00 reflecting the 2,953 documents received and \$ 40,840.00 for the official copies of searches. This tallies revenue earned through the Land Management Division by its Land Registration Section to a total of \$336,140.00

Table 12: Documents/Instruments for Registration within this fiscal year 2018/2019

Nature of Instrument	Lodge 2018/19	Carry forward 2017/18	Total	Registered 2018/2019	Cancelled	In Progress 2018/19	Requisition 2018/19
Transfer	977	17	994	958	12	4	20
Mortgage	803	13	816	793	2	5	16
Discharge of Mortgage	580	0	580	570	4	3	3
Variation of Mortgage	70	1	71	69	0	1	1
Transmission	119	4	123	114	2	2	5
Miscellaneous	7	1	8	5	2	0	1
Caveat	51	8	59	50	4	1	4
Removal of Caveat	33	0	33	32	0	1	0
Lease Customary Land	22	0	22	22	0	0	0
Lease Government Land	69	1	70	68	0	0	2
Lease Freehold Land	70	1	71	69	0	0	2
Variation of Lease	1	0	1	1	0	0	0
Unspecified Lease	21	15	36	1	3	3	29
Termination of Lease	12	3	15	8	0	0	7
Court Order	4	1	5	2	2	0	1
Change Right Restriction	18	0	18	17	1	0	0
Power of Attorney	89	1	90	85	1	3	1
Revocation Power of Attorney	2	1	3	1	1	1	0
Standard Memorandum	5	0	5	5	0	0	0
TOTAL	2953	67	3020	2870	34	24	92

Table 13: External Services - Total Revenue FY 2018/19

Revenue from Registration Applications 2018/2019		
Instrument	Documents Received	Revenue
Transfer	977	97,700.00
Mortgage	803	80,300.00
Discharge of Mortgage	580	58,000.00
Variation of Mortgage	70	7,000.00
Transmission	119	11,900.00
Miscellaneous	7	700.00
Caveat	51	5,100.00
Removal of Caveat	33	3,300.00
Lease Customary Land	22	2,200.00
Lease Government Land	69	6,900.00
Lease Freehold Land	70	7,000.00
Variation of Lease	1	100.00
Unspecified Lease	21	2,100.00
Termination of Lease	12	1,200.00
Court Order	4	400.00
Change Right Restriction	18	1,800.00
Power of Attorney	89	8,900.00
Revocation Power of Attorney	2	200.00
Standard Memorandum	5	500.00
Total	2,953	\$295,300.00

Table 14: Revenue from Internal Services: Searches & Registration Forms FY 2018-2019

Revenue from Official Searches and Registration forms 2018/2019		
Services	Amount	Revenue
Searches & copies	5340	\$ 26,700.00
Registration forms	2828	\$ 14,140.00
Total	8168	\$ 40,840.00

Table 15: Internal Services for Updating Registration

Official Service for Updating Registration	
Description of Service	Total
Cleaning and updating land information	417
Registrar Instrument	227
Manual Register convert to Computer Register	79
Change estate type	14
Created new computer folio	1,084
Total	1,821

Table 16: Summary of Total Revenue from Land Registration Services

Type of Registration Services	Total Number	Amount	Total Revenue
External Services (Outside clients)	2,953	295,300.00	<u>\$336,140.00</u>
Internal Services (MNRE)	8,168	40,840.00	

3.5 LAND VALUATION SECTION

Table 17: Valuation works & Revenue

Valuation Tasks	Total Number	Comments	Revenue
Individuals	142	Costs Involved	51,550.00
Compensation valuation (as per Taking of Land Act 1965)	3	No costs involved (these are considered as official valuation works)	0.00
Official Works (Land Board request)	2		
TOTAL	147		<u>\$51,550.00</u>
<i>Additional Information</i>			
APC – registered valuers (Not including government valuers)	7	Revenue from Valuers’ registration	<u>\$1,750.00</u>
TOTAL	7		<u>\$53,300.00</u>

Table 18: Stamp Duty works & Revenue

Instrument(s)	Number of Instruments	Total Revenue
Transfers	943	<u>\$2,842,753.34</u>

Table 19: Summary Total of Land Valuation Services

Type of Land Valuation Services	Total Number	Amount	Total Revenue
Land Valuation Services (Individual clients)	142	51,550.00	<u>\$2,896,053.34</u>
Valuers’ Registration Fees	7	1,750.00	
Stamp Duty Transfer Services	943	2,842,753.34	

The biggest revenue from the Land Valuation is from stamp duty services with the total number of 943 transfers made for this financial year. This is a huge increase in revenue for this year from stamp duty compared to the last FY which managed to transact only 792 land ownership transfers.

Table 20: Summary of Total Revenue collected by Land Management Division (LMD) FY 2018-2019

LMD Section	Total Revenue per Section	Total Revenue Collected by LMD	Annual Revenue Target Achieved/Not Achieved?
3.1 Customary Land Leases	81,089.45	\$ 4,454,225.76	LMD’s revenue target for this financial year is between 4 and 5 million and so far, the annual target for FY 2018-2019 has thus far been relatively achieved!
3.2 Government Land Leases	1,101,977.97		
3.3 Land Development	38,965.00		
3.4 Land Registration	336,140.00		
3.5 Land Valuation	2,896,053.34		

OUTPUT 4: SPATIAL INFORMATION AGENCY

“To provide quality assurance, survey and spatial information services to support the sustainable development and management of natural resources and the environment.”

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.

Geodetic Control Network

Survey Section is 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. For this financial year, there is small percentage of work completed due to time constrain, shortage of staff and other urgency work that required our services.

Spatial Data Infrastructure

There are two Global Navigation Satellite System (GNSS) located at Faleolo and Fagalii airports 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 Geoscience 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

This financial year, seven (7) annual practicing certificates were issued to Private Surveyors in the Private Sector, one is issued to Land Transport Authority (LTA) Surveyor and three were issued to Surveyors within the Ministry. The following are the registered licensed Surveyors in Samoa.

List of Registered Licenced Surveyor

1. Tuala Piki Tuala- *Private Surveyor*
2. Manu’alesagalala Lemalu Enokati-*Private Surveyor*
3. Galuvao So’oalo Viliamu Sepulona-*Private Surveyor*
4. Seve Keilani Soloi -*Private Surveyor*
5. Alaiasa Sagalala Salanoa -*Private Surveyor*
6. Seiuli Ueligitone Seiuli -*Private Surveyor*
7. Safuta Toelau Iulio- *MNRE*
8. Asi Vitaoa Peleiupu Fuatai –*MNRE*
9. PesetaTupai Eseta Maualaivao- *Private Surveyor*
10. Levei Tanoi Auelua- *LTA Surveyor*
11. Tuala Petania Tuala -*MNRE*

Within this financial year, the survey section performed extremely well to achieve its target 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.

Table 1: Work executed within

Work execute	Status	Number of Lots	Combined Areas (hectares)
Redefinition Survey	5 requests 5 completed	7 lots	26.60ha
Subdivision Survey	6 requests 3 approved 3 ongoing	15 lots	36.69ha
Established of new survey point(GPS)	13 requests 13 completed	30 Survey Points	
Land and Titles Court	1 request 1 completed		

Table 2: Revenue from License and GPS hire

Revenue collected	No.	Fee	Total
Surveyors Annual Practice Certificates	8	\$200	\$1,600
Hire of GPS equipment’s (Established of new marks for horizontal network)	12	\$200	\$2,400
			<u>\$4,000</u>

4.2 SURVEY QUALITY ASSURANCE.

Provide services to the public and to support the Land Registration Service 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 SOLA system. And also, updating maintenance of Solution for Open Land Administration (SOLA) System

Table 3: Examination Fees

Revenue collected	July2018 - June 2019
Examination fees	\$16,528

Table 4: Number of Survey plans

Number of Survey Plans received plus 3 outstanding from 17/18	- 227
Number of Survey Plans Approved	- 222
Number of Survey Plans scanned	- 222
Number of survey plans recorded on SOLA	- 220
Number of old approved plans edited and recorded on SOLA	- 156

4.3 NATIONAL MAPPING SERVICES

The National Mapping Services is responsible for the production of the National Based Map for the entire Nation of Samoa. One of its core functions is to update and revise all the geographical information system layers which were used for the production of the National Topographical Maps of the

whole country. It is also provides its geographical information services and knowledge if needed by the ministry, external ministries and private organization and provides public access to high quality and reliable geospatial datasets and information to assist and support Government and Private Organization decision makers, for a sustainable management of our natural resources and environment.

Effective and accurate data for mapping (National Mapping).

- Update and revise all the geographical information system layers both natural and man-made resources for the production of the National Topographical Map of the Nation.
- Produced various thematic maps from aerial photography & satellite imagery.
- Processing of License Data Agreement of spatial dataset sharing (License Agreement)
- Assist other divisions, projects within the ministry and other stakeholders for application geographic information system work and offering reliable geospatial information.
- Update various database of all geographical information system layers.
- Assist the National Geographic Names Board for all meeting preparation and mapping work for all proposed and naming of roads and reserves.
- Assist Schools for their Internal Assessment by sharing reliable and accurate geospatial information required.
- Assist villages in consultation and mapping of any court decision from Lands and Title Court.
- Carried out all GIS and Technical work for the delimitation of our National Maritime Boundary.



GNSS Survey for Alafaalava at Aleisa start from Siusega to Tanumalala for widening purposes



Table 5: Income from Photocopiers

Revenue collected	Official	Receipt
	FY 2018-2019.	
Maps produced in hardcopies/electronic-copies including 2 License Agreement for spatial dataset.	\$13,825.00	\$4,187.00

OUTPUT 5: ENVIRONMENT AND CONSERVATION DIVISION

“To implement sustainable development and management of biological resources and the environment including waste management.”

The Division of Environment and Conservation (DEC) consists of five (5) sections which includes;

- i. Terrestrial Biodiversity Conservation
- ii. Marine Biodiversity Conservation,
- iii. National Reserves,
- iv. Solid Waste Management and the

The division has made a significant improvement with an increase in number of activities completed for eight (8) Key Performance Indicators approved under the financial year 2018-2019.

5.1 TERRESTRIAL BIODIVERSITY CONSERVATION

- Developed and submitted Samoa’s Sixth National Report (6NR) to the Convention on Biological Diversity (CBD).
- Developed and submitted Samoa’s National Interim Report on the Implementation of the Nagoya Protocol.
- Developed Samoa’s National Invasive Species Strategy and Action Plan (NISSAP 2019-2024)
- Finalized Samoa’s National Access and Benefit (ABS) Legal Framework.
- Conducted thirty (30) educational and awareness programs for terrestrial biodiversity conservation.
- Completed seven (7) terrestrial biodiversity monitoring surveys (birds, butterflies, flying fox, water lettuce)
- Developed and distributed communication products for Terrestrial biodiversity;
 - Access and Benefit Sharing (ABS) billboards and wall sticker at Faleolo International Airport
 - Pull up banners for ABS.
 - Poster for the Endemic birds of Samoa
 - Water lettuce information sheet

5.2 MARINE BIODIVERSITY CONSERVATION

- Completed the initial stakeholder consultation workshop for the development of the national Samoa Ocean Strategy
- Delivered a total of 14 awareness and educational programs on key marine ecosystems and species (coral reefs, mangroves, whale and dolphins, turtles, crown of thorns starfish) for communities, schools and institution as well as staff of the Marine Conservation Section.
- Developed and launched awareness materials on the Marine Wildlife Protection Amendment Regulations 2018, specifically on sharks (English and Samoan).
- Completed 5 monitoring and surveys for key ecosystems and species – coral reef health, turtle nesting, cetacean distribution and abundance, and two mangrove audits.
- One permit issued for research to investigate Samoa’s marine invertebrate fauna by the Korean Institute of Ocean Science and Technology (KIOST).
- Two mangrove planting completed for the villages of Lotoso’a Saleimoa (120 propagules) and Satuimalufilufi (500 propagules) under their UNDP SGP projects.
- Mandatory reports completed and submitted for MEA:
 - CITES national annual trade reports 2015 – 2017
 - CITES national implementation report 2015 – 2017

- CITES national progress reports (Dec 2017 - Sep 2018) for the 70th Standing Committee meeting
- CMS national report for the 48th Standing Committee meeting
- CMS Sharks MOU national report for the 3rd Meeting of the Signatory (Shark MOS3) for the period Jan 2015 – Sep 2018.

5.3 NATIONAL RESERVES

- Overall area replanted and rehabilitated is 10.2ha. Total number of seedlings planted is 25,350 in three areas in one year.
- Completed construction and installation of a total of 425 box and string steps on the Mt Vaea loop trail. Ongoing upgrading works.
- Developed the Draft Awareness Campaign Strategy for Manumea to be launched in July 2019.
- After ten years of Rattan eradication operation at Papaseea, the team conducted another search on November 2018 and found no confirmed records of rattan seedlings or mature trees from its collection within the targeted area.
- Records of three years of continued bird monitoring at Malololelei to complement results from the pest management program has shown positive effects with the extension of Ma’o nesting range within the reserve forest area since 2015.
- Increased request from schools on environmental awareness programs including tree planting requests for this year.

5.4 SOLID WASTE MANAGEMENT SERVICES

- The Cabinet endorsed the Waste (Plastic Bag) Management Regulations 2018 on banning on use, distribute, sell and manufacture of single use plastic shopping bags, packing bags and straws.
- Endorsed by Cabinet the National Waste Management Strategy 2019 - 2023 in collaboration with JPRISM II project.

5.5 CHEMICALS AND HAZARDOUS WASTE MANAGEMENT

- Endorsement and implementation of the National Waste Management Strategy
- Endorsement and enforcing of the Plastic Bag Ban Regulation.
- Conducted 1 school awareness and 3 community consultations to promote and strengthen chemical and hazardous waste management.
- Launched a Take Back Initiative Project with SSAB and HP Company in NZ in collecting and shipping HP toners and ink cartridges.
- Conducted 12 monitoring visits to Tafaigata Sludge Facility and 3 Public Toilet Facilities at Mulinuu, Sogi and Eleele-fou; and 3 monitoring visits to Vaiaata Sludge facility in Savaii.
- Actively participated in the Greening of the Game clean up and waste audit activities conducted for the Town Area, and 4 main rivers (Vaisigano, Loimata o Apaula, Gasegase and Fuluasou) in the Apia Catchment.

OUTPUT 6: FORESTRY MANAGEMENT, PLANNING & RESEARCH SERVICES

“To ensure sustainable development and management of forest resources across related sectors.

Forestry Division’s functions are mandated and guided by the Forestry Management Act 2011.

The Division has 3 main sections:

- i. Forestry Management (Upolu and Savaii)
- ii. Forestry Research and Development, and
- iii. Forestry Policy and Planning

The functions include:

- Secretariat services to the Forestry Board
- Ecological restoration and management of National Parks (O Le Pupu Pue, Lake Lanotoo, Mauga o Salafai and Masamasa-Falelima) and Vaipouli State Forest land,
- Sustainable management and development of Community Forestry woodlots and Agroforestry as well as other community forestry programs (CFP).
- Management of forestry nurseries and production of forest tree seedlings
- Forestry research and development for Sustainable Forests Management (SFM) and promotion of the importance of Wetlands conservation.
- Enforcement and monitoring of forest harvesting operations through issuing of licence/permits with conditions.
- Management of the SamFRIS and forestry database updating information on forestry activities and operations.

The Division has no specific forestry project underway, however, provide assistance in the implementation of other donor funded projects within the Ministry especially in the Ecological Restoration/Tree Planting components and supply of forest tree seedlings under the;

- Strengthening Multi Sectoral Management of Critical Landscapes (SMSMCL): GEF-UNDP
- GCF – Vaisigano Catchment Project: GEF-UNDP
- Carbon Offset Project : Samoa Conservation Society (SCS) and Forestry Division
- Falealili Regional Seasonal Workers : SCS and Forestry Division

6.1 EFFECTIVE AND SUSTAINABLE MANAGEMENT OF ALL TYPES OF FORESTS

- 107.3 hectares planted in four (4) National Parks (OLPP, Lake Lanoto’o. Mauga o Salafai and Masamasa-Falelima), Vaipouli State Forest land and community lands under the community forestry programs (CFP)
- 659.4 maintained in four National Parks and Vaipouli 209 new farmers registered and participated in community forestry programs
- 1 Management Plan started its process for review (O Le Pupu Pue National Park) with funding support from the SMSMCL project. TOR developing
- 24 Pre-Harvest Inventories conducted, 23 for Savaii and 1 in Upolu
- Awareness program conducted on community forestry programs, forest conservation, forests and water, forests and climate change, status of forest, tree planting, etc.

- Raised 137,289 new seedlings in 4 Forestry nurseries (Vailima, Togitogiga, Maota and Asau)
- Conduct land preparations and planting to promote 2 Million trees campaign, for schools and communities on National parks and community lands, mainly on degraded and water catchment areas.
- Community engagement under projects (SMSMCL and SCS) funding support, enable FD to hire community members, to carry out ecological restoration activities at Lake Lanotoo, O Le Pupu Pu’e, Muaga o Salafai National Parks and Vaipouli State Forests. Hired community members also assisted in raising seedlings at Forestry nurseries (Vailima, Togitogiga, and Maota).
- Continuous voluntary Carbon Off-set project implemented by the Falealili RSE seasonal workers, at the O Le Pupu Pu’e National Park, as initiated by Tuatagaloa Joe Anandale to plant 7 trees per person to offset their carbo when traveling to NZ.
- 2,260 visitors recorded visiting the OLPP National Park this Financial Year
- Conducted Educational Forest Tours for 30 – 40 schools (Primaries and Colleges) during the Educational Awareness and Tree Planting Activity (EATA) program, on April – June 2019.

6.2 STRENGTHENED RESEARCH AND DEVELOPMENT FOR SUSTAINABLE FORESTS MANAGEMENT:

- Biomass and carbon stock estimation per tree species: 22 trees (18 species) assessed including harvested, sampled, weighed, dried, monitored, recorded and calculated for Aboveground Biomass (AGB) and Carbon Stock (CS) estimation. Species including ifilele, tavai, ukalipi, kiki, faapasi, fanaio, toi, lopa, kolia, malili, mosooi, papata, talie, poumuli, tamaligi paepae, tava, tuna and masame. 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.
- Research on Assisted Natural Regeneration of forests: six (6) assisted natural regeneration of forests plots established, monitored, surveyed and assessed conducted every six and twelve months.
- Phenology studies: - 44 trees (15 species) were monitored on a monthly basis at Vailima National Reserve and Fuluasou Reserve for phenology study in Upolu. There were 28 new trees (11 species) tagged, surveyed, monitored in Masamasa-Falelima National Park in Savaii.
- A questionnaire form was revised for the Market Analysis Study.
- A follow up meeting was conducted with mayors and chiefs of Fagaloa District on December to finalize the proposal by the Ministry to designate Vaipu Swamp Forests as a Wetland Protected Area. A district decision is pending after this meeting.

- A proposal was developed and submitted to SMSMCL for funds to review the Management Plan for Samoa's Second Ramsar Site – OLPP National Park.
- A National Report on the Implementation of the Ramsar Convention on Wetlands in Samoa was endorsed by CEO, submitted to the Ramsar Secretariat and published on the Ramsar website for global awareness.
- A proposal was submitted to the Ramsar Secretariat for the Nagao Wetland Funds to fund associated wetland activities. A decision is pending for this proposal.

6.3 PLANNING AND POLICY FRAMEWORK FOR SUSTAINABLE FORESTS MANAGEMENT

- Continuous production and digitization of conservation and production layers with maps produced of forestry harvesting operations, tree planting activities for the Two Million tree planting campaign and open areas of the O Le Pupu Pu'e National Park which meets about 70% of target
- Forestry database continues to update with information on forestry harvesting operations, registration of sawmills, tree planting activities for the Two Million Tree Planting campaign as well as the Community Forestry programs (CFP) including woodlots
- Seven (7) sawmills registered successfully out of the eight that were applied and the others have notified the Division of their non-operational during this year, 2019 due to the unfit status of the sawmills.
- Twenty eight (28) forest harvesting applications submitted; twenty three (23) licences/permits approved and issued, 2 cancelled and 3 are processing.
- Revenue of \$7,207.00 has been collected from application and natural resources fees for forest harvesting licenses/permits approved and issued as well as registration fee of portable sawmills.
- Continuous collection and compilation of data for the Two million tree planting campaign from the relevant stakeholders and an additional number of points of collection have been contacted and extracted data on trees dispatched and planted by the community members. Current total number of trees planted and dispatched for the campaign is 818,588.
- More than 500 brochures produced on forestry services, two million tree planting campaign, more than 200 posters reprinted of the native hardwood of Samoa, banners and pull ups for the for both Savaii an Upolu offices to use on national events and awareness raisings of the Two Million and Forestry Workshops which achieve 75% that is over the target. Give away materials such as caps, t-shirts, umbrellas, pens, water bottles have been produced and distribute during awareness program particularly the EATA program
- Awareness program conducted in communities through district consultation workshops funded by the SMSMCL and school awareness around Upolu and Savaii promoting the Two Million tree planting campaign through the Educational Awareness & Tree Planting Activity (EATA) program which started in April – June 2019 funded by SMSMCL with support of SPREP in the Greening of the Games initiative. Such programs shared and distributed information on forestry related activities

including the Forestry Management Act 2011 on the process of licence and permit applications on forest harvesting and sawmill registrations as well as encouraging tree plantings to help meet the target.

- Conducted a capacity building workshop for sawmill owners strengthening the process of sawmill registration and enhancing their knowledge on the conditions and procedures and also a capacity workshop for Forestry staff in Savaii enhancing their capacity on the technicality of

Other Tasks Affiliated:

- Commemoration of World Wetlands Day – 7th February 2019
- Commemoration of Water and Forest Day celebrating the International Day of Forests as well – 22nd March 2019
- Land week commemoration at Lalomanu, Upolu & Lano in Savaii – 17th – 19th June 2019: Staff involved in the preparation and negotiations with communities for tree planting activities promoting rehabilitation of degraded areas and the Two Million tree planting campaign.

Milestone:

- Samoa's proposal for OLPP NP to be dedicated to the Queen's Commonwealth Canopy has been approved and granted an accreditation to join the Commonwealth nations to conserve forests.



World Wetland Day Competition



OUTPUT 7: METEOROLOGY DIVISION

“To provide meteorological, geo-science, climate change and disaster risk management services in support of sustainable development of natural resources.”

To sum-up the fiscal year 2018-19 as a preparatory period for greater and substantive events to come for SMD. Expectations of increase visibility, improved service delivery - customer focus, and foremost a re-structure of the organization that staff gratuities and benefits to reflect the nature of scientific services we offer and deliver, and to better position ourselves to be competitive with other National Meteorological and Hydrological Services in the world. Samoa hosted the 5th Pacific Meteorological Council (PMC5) in August with 170 participants that was a milestone for the division.

SMD continues to develop new products for improvement of its services. In the last couple of years, we have worked extremely hard on the keeping it simple (KIS) principle for our people to understand our standard operating procedures (SOPs). So this year, the Severe Weather Information (SWI) product now replaces the WATCH, GALE etc., concepts. The latter when translated into our language creates chaos and confusion. The new Flood Forecasting System (FFS) was developed and piloted during year's tropical cyclone season, a joint effort with the Water Resources Division (WRD). It is still work in progress with 'model' input vital to accuracy and operationalization. NIWA has offered technical support in this area and are currently working with staff of the two divisions to fully operationalise the system.

SMD is in good stead with the climate early warning system (CLEWS). A rejuvenated Health sector is now working in partnership with SMD on CLEWS Health for disease surveillance utilizing parametric climate forecasting (i.e. rainfall, temperature,) inference of increase of cases, and also to establish an operational database (DB) with the current data storage mechanism disorganized.

SMD continues to offer early warning services (EWS) to informed its citizens, and provide adequate lead time to prepare for natural disasters such as tropical cyclones, severe weather (thunderstorms, excess (storm rainfall), and lightning), tsunamis and earthquakes, droughts. Top on the list this year is capacity building with more than 80 % of staff from different disciplines were offered short-term trainings (1-3 weeks), to attend workshops, seminars and meetings. The most challenging are funds for long-term formal training for degrees, as it is a pre-cursor requirement for a career pathway at SMD.

Acknowledge our donor partners, Australia, New Zealand, Japan, China, U.S.A. and others; the multi-lateral institutions mainly the World Bank, WMO, UNEP - Ozone Secretariat, UNDP, IOC-UNESCO, closer affiliations with regional organizations mainly SPREP and SPC, and the technical implementing/advisory partners such as the Australian Bureau of Meteorology, NIWA, NZ Meteorological Services, JMA, JICA, USGS, PTWC, ITIC.

7.1 WEATHER SERVICES

- Increase in weather-related awareness programs in collaboration with DMO and the private sectors (Red-Cross, ADRA, Caritas);
- Forecast products issuance increase to 4 times a day (every 6 hours) a requirement of the Quality Management System;
- World Meteorological Day, 24 March 2019

7.2 CLIMATE SERVICES

- Early Action Rainfall Watch (EAR Watch) product and 1st workshop held in Samoa;
- Revamped of the Climate Early Warning System with the Health Sector (CLEWS)

7.3 OZONE SERVICES

- Refrigeration and Air Conditioning Sector (RAC) training workshop, 25-26 July 2019;
- National Ozone Day 15 September 2018;
- Customs Training on Ozone Depleting Substances (ODS), 3-4 April 2019;
- Refrigeration Air Conditioning Association of Samoa (RACAS) Trade Nights

7.4 GEO-SCIENCE SERVICES

- Enhancing of the mechanical services to the Ministry;
- Ocean services mandated to carry out the Ocean Acidification Project;
- Drilling investigations as the only main source of revenue earning for the division



OUTPUT 8: THE PLANNING AND URBAN MANAGEMENT AGENCY

“To manage sustainable planning and development services and outcomes through the implementation of the Planning and Urban Management Act.”

The Planning and Urban Management Agency (the Agency) was established in 2004 when the Planning and Urban Management Act (the Act) came into force. The Act provides a mandate “to implement a framework for planning the use, development, management and protection of land in Samoa”. The Agency aspires to achieve this by regulating developments through sustainable land use planning.

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

- Provide secretariat services to the Planning and Urban Management Board (the Board).
- Undertake development assessments through the Development Consent Process to ensure developments are regulated to minimize and or avoid detrimental impacts.
- Prepare and develop relevant regulations, sustainable management plans, planning provisions, development standards, guidelines, codes and the like to regulate developments and manage urban area(s).
- Encourage the resolution of outcomes, disagreements and disputes relating to the operation of the Act, including enforcement and compliance actions.

The Agency is divided into three sections, specifically Sustainable Development, Urban Management and Strategic Planning. All three sections implement various functions of the Act including the coordination of various donor funded projects that contribute to the implementation of the Agency’s functions. For Financial Year 18-19, PUMA was involved in two on-going projects, namely the Apia Waterfront Development and components of the Pilot Project on Climate Resilience (PPCR).

Achievements based on Budget KPIs:

PUMA has achieved all its performance indicators as reflected in the traffic lights. The indicators relate to various activities undertaken by PUMA to implement the Act and which included the:

1. Processing of 1002 Development Applications and the granting of 963 Development Consents.
 - As part of the development assessment process, and depending on the scale and value of proposed developments, various tasks are undertaken and which include (i) notification of the application; (ii) referral to relevant authorities for review and comment; (iii) review of all information submitted such as EIA reports and design plans; (iv) site inspections and assessments (v) meetings with developers and/or public and (vi) determination of an application by either the Agency or by the Board.
 - The Agency determines all applications that are estimated to be less than SAT \$1million although

some cases that are below SAT \$1m and which may have potential significant impacts are referred to the Board for a determination, including all applications estimated at SAT \$1m and above.

- With regards to EIA reports submitted by Applicants as part of their applications, 29 were received and reviewed by the Agency to inform the decision making process.
2. Issuance of 70 Enforcement Orders to certain individuals or entities that have breached provisions of the Act.
 - These Orders are issued as part of the Agency’s monitoring and compliance activities for both Upolu and Savaii.
 3. Processing of 168 Public Complaints received in relation to impacts on amenity values with 141 cases resolved.
 - The majority of complaints received relate to Odor and Waste Water affecting nearby neighbors.
 - Usually, mediation meetings between different parties are undertaken to help resolve various issues/matters reported to the Agency.
 4. Review and finalization of planning policies that guide the work of the Agency and which included:
 - The completed translations of 35 out of 43 Community Integrated Management Plans (CIM Plans), with 8 to be completed in FY 19/20. The Samoan CIM Plans will then be printed and disseminated to all villages and districts.
 - The in-house partial review of existing documents such as the Samoa Codes of Environmental Practice and the Housing Guidelines.
 5. Monitoring of interventions identified in the CIM Plans, majority of which are implemented by village communities themselves through CSSP and by Implementing Agencies (LTA, MNRE, MWTI, SWA) that deal with large scale developments.
 6. Coordination and facilitation of the Apia Waterfront development and which included the progressing of works relating to the Event Space (NZ funded), Clock Tower Boulevard (NZ funded) and the Friendship Park (Huizhou Group). Baseline Data 2018-19

Other Achievements

1. 12 Planning and Urban Management Board meetings were held in FY 18-19 (10 under MNRE and 2 with MWTI). PUMA is the secretariat for the PUM Board.
2. 4 Waterfront Steering Committee meetings were held in FY 18-19. PUMA is the secretariat for the Steering Committee.

3. The UNDP / Adaptation Fund Project was successfully completed in December 2018 since it first started in 2014. PUMA was involved in facilitating the development of 25 Coastal Integrated Management Plans for various districts of Samoa as well as facilitate the implementation of various infrastructure projects.
4. The World Bank/PPCR project was extended to finish in 2020. PUMA was involved in facilitating the development of 18 Coastal Integrated Management Plans for various districts of Samoa.
5. In June 2019, MWTI opened a new office at the LTA compound at Salelologa where both PUMA and the Asset Management Building division of MWTI offer services for Development Consent Applications and Building Permit Applications. The Office in Savaii is manned on Tuesday's and Wednesdays every week.
6. A total revenue of SAT \$61,310.00 was recovered by PUMA from the processing of 1002 development applications in FY 18-19. Comparatively, the amount recovered in FY 17-18 was about SAT\$ 55,0000.00
7. PUMA is a member of various technical coordinating committees and consistently attends for coordination purposes, and some of which include: (i) Land Transport sub-sector (LTA), (ii) Drainage Sub-sector (MWTI), (iii) Sanitation Sub-sector (MNRE), (iv) Petroleum Task Force (MoF), (v) Waterfront technical advisory committee, (vi) Climate Resilience Steering Committee; and others as formed from time to time.

Challenges:

- The transfer of PUMA from the Ministry of Natural Resources and Environment to the Ministry of Works, Transport and Infrastructure in April 2019 was a big challenge. This sudden transfer gave little time for the Ministries involved to facilitate the move as several matters had to be quickly resolved between the two Ministries such as (i) changing chairmanship of the Board; (ii) project coordination and implementation; (iii) transfer of assets; (iv) budget arrangements and (v) office space.
- Although the Division of PUMA remains on Level 1 of the TATTE building, the ACEO's office is still located on level 3 where MNRE is located. It is hoped that an office for the ACEO of PUMA is constructed at the earliest on level 4 of the TATTE building to further strengthen the coordination and communication between the MWTI management and the ACEO of PUMA.
- The Savaii Office that is being manned by PUMA and AMB staff requires additional resources such as (i) funding allocations for lease payments; (ii) office equipment; (iii) travel expenses of staff; (iv) accommodation costs of staff; (v) and need for a vehicle in Savaii for staff inspections.

- To streamline development' and building' application processing within MWTI and between PUMA and AMB, several processes and procedures need to be amended to improve and simplify service delivery. One challenge to be expected is the added cost to PUMA for photocopying approved design plans for submission to the AMB Division to ensure consistency of information being received, assessed and approved. The costs of photocopying will either be borne by the developers/applicants or PUMA who is the first Agency to review development applications. In this regard, the budget for FY 19-20 may need to be increased.
- With the staff assessing a thousand or so development applications annually, the staff requires dedicated drivers to accompany staff on their site inspections. With the move to MWTI, drivers are limited and as such PUMA principal officers have been assigned to drive the vehicles when assessments are to be undertaken by other staff members. This takes up a lot of time of principal officers out of the office. To ensure principal officers spend quality time in the office to do their work, it is urgent that a request to PSC for additional drivers is facilitated so as to help ease the work load facing senior staff of the Agency.
- Securing additional funds to implement various activities identified in existing planning documents such as the Waterfront Plan, CIM plans, National Effluent Standards (Draft) and others.

Recommendations:

- The recommendations are based on the challenges stated above. They are crucial for urgent consideration and implementation to ensure PUMA provides efficient and effective services to Government and the public.
- A new office space for the ACEO PUMA is needed on level 4 of the TATTE building to further strengthen communication and coordination of activities between PUMA and the rest of MWTI's management.
- PUMA and AMB Division of MWTI to work closely to streamline application processes to ensure a more efficient service is provided to the public.
- PUMA's operational budget is increased annually to cater for the increase in the number of development applications being processed every year (although staff numbers remain the same) and also to cater for increased responsibilities resulting from having a new office in Savaii.
- PUMA to review its organizational structure so as to request for additional staff to cater for the increasing number of development applications, increasing number of amenity complaints being received and dedicated permanent staff to manage the waterfront development
- Need for 2 dedicated drivers to support the staff's field work such as site inspections, assessments and monitoring.

OUTPUT 9: WATER RESOURCE DIVISION

“To integrate and implement sustainable water resource management across all relevant sectors.”

The activities carried out throughout this Financial Year in the government's efforts to protect and conserve the water resources of Samoa, have been very successful. With the guidance of identified Key Performance Indicators and the ultimate goal of meeting the objectives as outlined in its legal framework, many of the identified activities have been achieved while others are ongoing for completion within the next few months.

There has also been a lot of involvement in various projects by the Water Resources Division. These project activities are well within the mandated water resources management framework and are all in line with the objectives of the Water Resource Management Act 2008. These projects include the Green Climate Fund - Vaisigano Catchment Project (GCF-VCP), Pacific Resilience Project (PREP), Pilot Program for Climate Resilience (PPCR), and the Ridge to Reef Project (R2R) with the Secretariat of the Pacific Community as well as minor involvement in a few others.

The annual commemoration of the World Water and Forests Day is another key activity within the schedule of activities for the Water Resources Division every year. The theme for this past year focused on Water and Forest education in trying to build the capacity of the communities and students on the importance of protecting our forest areas for water catchment. The event was a success with participation from about 300 community members, students and stakeholders.

The following report looks at the achievement by the Division, and tracking these against the planned programs of the “Budget Targets 2018-19”, “*National Environment Sector Plan 2017-21*” and the “*Water for Life: Water & Sanitation Sector Plan 2016-2020*”.

9.1 Strengthening Watershed Conservation and Management

As one of the core functions in water resource management, the protection and conservation of our watersheds or water catchment areas continues to be a priority. The rehabilitation of degraded areas, extension of protected riparian environments and reserving of critical areas for water resources makes up much of these conservation efforts. The formulation, implementation and enforcement of watershed management plans, implementation of conservation activities through utilization of P3D modelling as planning tools for sustainable conservation and the increasing priority in the taking and declaring of critically threatened watershed areas (upstream) as reserves are also some of the priority activities that are undertaken in this area. The stabilization of our upland natural water towers through tree planting and to increase forest cover, as

well as carrying out revitalization and other rehabilitation activities to ensure the sustainability of our water resources are the main focus of all efforts in the upper catchment areas. The aim is to ensure that the water quantity is maintained and stored for any incidence of a drought or extended dry periods, as well as its contribution to sediment control during heavy rainfall and prevention of slippages in the steep areas of the upper catchments. In addition to these, the fencing off of critical areas to prevent cattle encroachment and other unsustainable developments onto the water reserves and water sources, and rehabilitating these areas is also a priority within the Water Resource Management Division.

There has also been a very successful awareness campaign carried out to create awareness amongst the residents on the upper catchment areas, on more effective sustainable methods of agricultural farming and other development activities. The main aim is to make them aware of all the consequences of these unsustainable land use practices as well as suggesting alternative methods that are just as effective without compromising our water resources.

The Water Resources Management Division throughout the reporting period of FY 18/19 are highlighted. The consultative approach in the development of the watershed management plans and subsequent establishment of many community based rehabilitation activities continues to be a success and it is something the WRD is looking to build on in moving forward. The participatory approach in the development of P3D modelling tool continues to be another effective tool in the development and implementation of watershed management plans and gauging community involvement in the government's efforts in water resource management

9.2 Improve Knowledge and Understanding of Water Resources;

To guarantee the accuracy and the availability of hydrological information, monitoring and maintenance of all stations is carried out on a fortnightly and bi-monthly basis. This data continues to be updated into the National Water Resources Information System (NWRIMS). There are currently 15 rain gauges, 13 water level and flow gauges, and a total of 27 monitoring boreholes located around the country forming the hydrometric network.

Due to the delay in procurement processes, no new surface water monitoring stations were installed for FY18/19. However, two new monitoring boreholes were constructed in Faleula (Upolu) and Vaipouli (Savaii). This increases the number of boreholes from 25 to 27 Monitoring Boreholes from FY17/18.

9.3 Improve the enabling environment for water resources management

The regulatory enforcement of the Water Resources Management Act and the whole legal framework is essential to the sustainable management of the country's water resources. This includes the administration of the Water Abstraction Licensing Scheme whereby all abstraction activities by various water users/developers are monitored and regulated. Routine monthly monitoring and enforcement activities continue to be executed to ensure there is compliance from the general public.

The River Ecosystem Health Monitoring program proves to be a useful tool in managing the disposal of waste into our river systems. The scope of the program extends over five of the main river channels within the Apia Urban Area. This program has been successful in not only identifying individuals and families which continuously dispose of waste materials into our river systems, but it has also been a way of building awareness amongst residents near these river channels. Not only this, but we also rely heavily on the general public to report instances of non-compliance to the Ministry for action.

Two additional Village Bylaws were drafted in this financial year, together with the review of the Water Resources Management Amendment Regulation 2019 which has seen the insertion of penalties and fines for the enforcement of bylaws within the communities. The existing bylaws have also been revised to reflect the amendments made

9.4 Strengthen community engagement in water resources management

Community engagement is still one of the most effective tools used by the Division in the development of Watershed Management Plans and Community Bylaws. This approach gives the communities a sense of ownership and giving them the opportunity to implement some of the activities as identified in these plans as well as the enforcement of their bylaws.

This approach is partnered with the Participatory 3 Dimensional Model (P3D) development and it really allows the community to see the landscape of their lands and how these geographical features contribute to some of the situations



Afiamalu intake area 2854L and the extended 19 hectares of rehabilitation within



Manual collection of rainfall data from Palauli Rain Gauge



Information Display from various stakeholders



Drilling works at Vaipouli



Presentation of research projects from NUS students

OUTPUT 10: DISASTER MANAGEMENT OFFICE

“Mainstreaming the disaster risk management framework in all sectors to ensure sustainable risk reduction and preparedness, effective response and durable recovery from any disaster”

The Disaster Management section activities for this annual reviewed period are summarised below:

Awareness

What to Information published on Newspapers such as Sam Observer and Newline. Ad campaigns on TV1 and Tv2 of What to do information for all hazards. Early childhood education awareness on Disaster Risk reduction for all kindergarden schools. International fire fighters day participation to advocate the role of DMO

Trainings:

- Conducted, facilitated 1 Basic Fire Safety and Reduction Training
- Kobo Tool Training for 4 prioritized sectors. Conducted a one on one training for the activation of the Meteorology Office for the Emergency
- Siren Network operation
- Workshop on Standard operation procedure for the National Emergency Operation Center.
- Conducted 4 Emergency Radio Network operation
- trainings for 2 agencies (MoH, LTA, SRC, MoP)
- Ongoing trainings DRM trainings for JICA and Peace orp volunteers

Policies:

- Approved budget for Tree Management Plan.
- Draft Standard Operation Procedure for NEOC in place

Disaster Management / Response Plans:

- Developed and tested 4 schools Disaster Management
- Plans to be approved by the Disaster Advisory Committee(DAC).
- Revised and reviewed Disaster Management Plans & Response Plans for 1 agency.
- Sector-Wide Approach:
- Funding approved for the sector tran analysis on the intergration of DRM in sector plans.

Meetings/Trainings/Workshops Attended:

- Section officers attended and participated various regional and national meetings, trainings and work-shops allocated to the section.
- 1 DAC Meeting

Contingency Planning & Simulation Exercise:

- Facilitated, coordinated and participated with Samoa
- PacWave18 Exercise.
- Conducted three Fire Drills for NPF, ACC, Tanoa Hotel and NUS

Early Warning System & Emergency Telecommunication System:

- Emergency Siren Network and Emergency Radio Network operational and functional.

- Relocation works for sites completed for Oloamanu , from Digicel tower to Bluesky
- Maintenance completed for 3 sites in Savaii and 8 sites in Upolu.
- Completed 10 testing for all 23 sirens
- Updated 3 Database for spare parts, ERN & ESN, Siren
- Testing and Maintenance is on going 12 test per site per month conducted.
- On-going radio checks for all users and radio based locations
- On-going weekly communication to ERN technical team

SMS Messaging For Tsunami Early Warning System:

- Updated contact list for the SMS messaging including all DAC members, MNRE, SN & STN, Media and selected community members like the Youths, Women’s Committee and Untitled Men for both Digicel and Bluesky mobile numbers. Updated DAC members email addresses for the DMO Gmail account. This is an on-going process due to different personnel taking up positions and posts with updating on a 6months basis.

CDCRM Program:

- Support and facilitated trainings in collaboration with the Community Disaster Preparedness Section with the implementation of the CDCRM Program to twelve (20) villages in both Upolu and Savaii. Developed Exercise Coordinated Instructions for CD-CRM villages simulations and exercises

National Emergency Operation Centre (NEOC):

- The maintenance and manning of the NEOC building continue to take priority throughout the period

Webpage:

- The section continued to provide reports and materials to Webpage Team.
- ToT developed for REDr assistance to revamp DMO page.

Newsletter:

- The section continued to provide articles to the division
- Newsletter Team for the quarterly editions.

Projects:

- Support provided to ACEO office and lead officers for projects implemented by the division.
 - PREP Project
 - PARTneR Project
 - NZ MCDEM Project
 - BSRP Project

National Response & Coordination:

- DMO was on standby due to number of TDs that developed in the region during the cyclone season

OUTPUT 11: WATER AND SANITATION SECTOR COORDINATION DIVISION

To strengthen water sector governance and orientation.

The Water and Sanitation Sector Coordination Division (WSSCD) provides day to day coordination, orientation and governance of the Water and Sanitation 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
- Ministry of Health (MoH)
- Ministry of Works Transport and Infrastructure (MWTI)
- Ministry Women, Community and Social Development (MWCSO)
- 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, implementation, financing, performance monitoring and evaluation, coordination and communications. It acts as the technical secretariat for the Joint Water and Sanitation Sector Steering Committee (the national apex body for the Water Sector) and the Chair to the Sector's Technical Steering Committee meeting.

For the FY 2018-2019, WSSCD was able to achieve more than 95% of its planned activities for the year which included the following notable achievements within the reporting period;

i. Strengthened Sector Governance and Orientation through Enhanced Sector Policy, Strategy and Planning.

- The year under review is the third year of implementation for the Water for Life Sector Plan 2016-2020 and the implementation of activities to meet the key outcomes for the sector has made good and steady progress throughout the year with well over 75% of the targeted KPIs met within the year. The progress of activities by each of the subsectors / implementing agencies are reported consistently in the monthly/ bi-monthly/ quarterly in TSC, subsector, JWSSSC meetings.

ii. Improved Sector Capacity Building

- The Sector's Capacity Building Strategy and Action Plan 2018-2021 has been completed and have been implemented through mutual collaborations between the sector and the Public Service Commission (PSC), Oloamanu and the Australian Pacific Training Coalition (APTC). The "sector wide approach" to capacity building has been encouraged. A training on Plan and

Policy Development was conducted for the sector within the year by PSC with 10 generic training programs earmarked to be implemented through the sector's partnership with Oloamanu and a Plumbing Training Program to be implemented with APTC in the next financial year.

iii. Sustainable Financial Mechanisms

- The Sector Medium Term Expenditure Framework (MTEF) has been updated for FYs2018- 2020 and is reviewed annually incorporating budget changes from MOF. This framework guides the investments forecasts for the sector in the forthcoming years and also reflects the contribution by the government of Samoa into the sector.
- As per the Financing Agreement with the EU, the sector's Disbursement Request Report for FY17/18 has been completed and submitted to MOF for their review and on forwarding to EU. This is the final disbursement request report for the acquittal of funds for the final year of funding (FY2019-2020) for the sector under the current financing agreement. The process includes the consolidation of all relevant KPI reports from the relevant IAs as well as the PFM analysis from MOF.
- A 10 year Sector Long Term Investment Plan as part of its WfL Sector Plan 2016-2020 is already in place and reviewed annually to meet sector changing demands from time to time and ensuring its alignment with annual budgets and proposed priorities from year to year. An updated Sector Investment Plan is already in place for FY18/19.
- A total amount of SAT100, 000 was secured for the Pacific Water and Wastewater Association Office and disbursed through a Funding Agreement.

iv. Effective Sector Coordination

- More than 80% of the planned meetings were conducted for the sector including TSC, Subsector, JWSSSC, workshops and conferences.
- Gagaaemauga 1 District Subproject under the PPCR-ECR in good progress with relevant components of the project on track. There has been a bit of a delay in the procurement process of the Technical Assistance for the Upgrade of Water Supply Network of the Gagaaemauga 1 District
- The recently established Rainwater Harvesting Subsector under the sector has engaged the rainwater harvesting programs done under the sector implemented by the SRCS and MNRE as well as other rainwater harvesting projects implemented by CSSP. An important work done under this subsector through collaborations with MCIL and MoF as well as rainwater harvesting

tank suppliers was the development of water tank standards.

v. Effective and Robust Performance Monitoring

- The 11th Annual Water and Sanitation Sector Performance Review was conducted in November 2018 in conjunction with the 5th National Sanitation (Toilet) Day and the 8th National Water and Sanitation Sector Forum. The 10th Annual Performance Review Report for the Sector for FY16/17 was launched and published in this event.
- 2 Researches has been undertaken as part of the Sector’s Research Initiative Program. One research paper has been re-advertised and was due in 10 June 2019, to be reviewed by the Peer Review Committee.
- The Sector Biennial Review process for the Water for Life Sector Plan 2016-2020 for the first two implementation periods of FY16/17 and 17/18 is in good progress with 90% of the works completed and contract due by the end of July 2019.
- 3 Monitoring visits were carried out within the FY including the EU Donor visit, MDG monitoring and JWSSSC site visits.

vi. Improved Sector Communications

- The Sector’s Communication Strategy is continuously implemented through the IAs of the sector especially with the visibility of the works achieved by the sector as well as issues. Promotional materials were disseminated during public consultation programs, school awareness and the commemoration of relevant national events of the sector (National Toilet Day, World Water and Forestry Day, Annual Sector Performance Review etc).
- Consistent updates are done to the webpage with articles and reports of sector activities/ programs/ trip reports from time to time.
- Timely release of sector newsletters quarterly.

vii. Improved Disaster Risk Management

- Following the launch of the National Disaster Management Plan 2017-2021 this year, an initial review done in-house to ensure that the sector’s disaster response and preparedness plan in the National Disaster Management Plan 2017-2021 have been sufficiently integrated into the current WfL sector plan 2016-2020 and it has been noted that the mainstreaming process was sufficient. However, the sector will still need to put together an Operations Manual for the implementation of the required emergency response and preparedness activities.
- Sector IAs participated in some of the DRM trainings and reported back to the sector meetings, however, we still need to conduct relevant DRM trainings for the sector as a whole. Furthermore, sector IAs have been

participating in some of drills and simulation exercises conducted by DMO and FESA as well as the SRCS.

Overall, it was another challenging but yet a successful year for the Division in its overall performance against its performance targets indicated in its updated sector plan. One key challenge remains and faced by the division is the lack of staff to implement activities given the scope and size of the sector and its IA demands. Activities which were incomplete within the year have been prioritized for implementation in FY 2019-2020

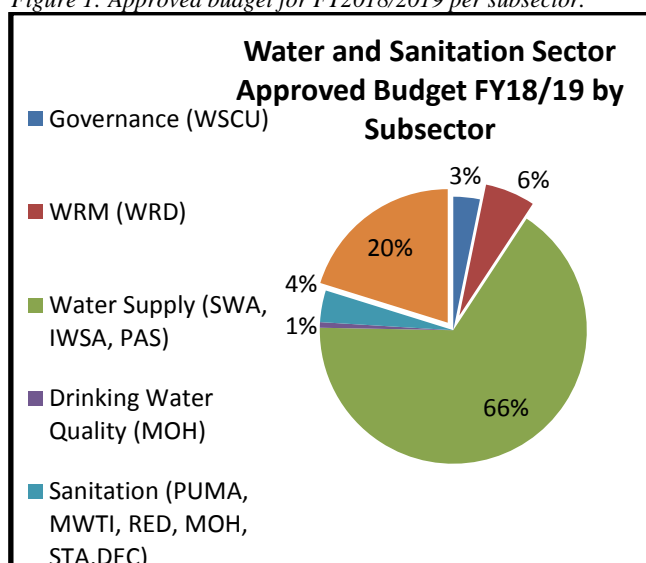
All in all, the Sector as a whole has achieved a lot during the year in different areas at which they provide their service specifically in improving water supply, water resource management, drinking water quality, sanitation and urban flood mitigation in the country.

Sector's Financial Report FY 2018-2019

Total approved budget for the Water and Sanitation Sector for FY2018/2019 from the Water and Sanitation Sector Budget Support Program is just over SAT18.4 million. This was divided accordingly amongst the Key Implementing Agencies of the Sector as per the sector priorities for the reporting period. Figure 1 depicts the composition of the approved sector budget for FY2018/2019 per subsector.

Of this amount, the Ministry received about SAT2.7 million (15%) in total for the implementation of prioritized activities by its key internal IAs and stakeholders (WSSCD, WRD, DEC, RED, Legal) and in collaboration with its external IAs (PAS, PWWA, IPES, STA, SRCS) through legal funding agreements and MoUs. It was noted that more than 74% of this amount was utilized within the year with about 45% of the remaining funds approved for roll- over to the next financial year due to continued and rolled over activities of the sector. The Water and Sanitation Sector acknowledges the continuous support of the European Union who remains as the Sector's main development and most trusted partner for over 10 years and continuing, with well over 100 million tala of development assistance to date

Figure 1: Approved budget for FY2018/2019 per subsector.



OUTPUT 12: INFORMATION TECHNOLOGY AND COMMUNICATION

“To provide effective and efficient information, communications, and technology to support the sustainable development and management of the country’s natural resources and environment.”

Output:	Highlights:
Information Technology and Communication Services	<p><u>IT Helpdesk and Network Infrastructure:</u></p> <ul style="list-style-type: none"> • Email is the biggest issue, this is due to the staff members changing their passwords and not receiving emails. • Ongoing management and maintenance of (15) 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 fiber and Samoa National Broadband Highway(SNBH) • Ongoing maintenance and operation of 290 computer peripherals in the ministry. • Ongoing maintenance and operation of 35 printers in the ministry. • Ongoing maintenance and support of Emergency Radio and Siren network for Samoa. <p><u>Information Systems:</u></p> <ul style="list-style-type: none"> • Ongoing maintenance of all MNRE information systems conducted. • Implementation and Supporting interact systems from various stakeholders as well as consultancy and project personnel • Daily monitoring of all the systems backup <p><u>Achievements:</u></p> <ul style="list-style-type: none"> • Review of IT Policies and procedures conducted. • Post office at Matafele now connected to the MNRE network using Fiber link and SNBH. • New servers installed for virtualization environment setup. • New WatchGuard Firewall installed. • New CCTV cameras installed at DEC Tafaigata Weighbridge office.
DKIF System	<p><u>Progress:</u></p> <ul style="list-style-type: none"> • Quarterly maintenance and improvements of the DKIF systems functionality conducted. • Provided a quarterly report of the systems implementation <p><u>Achievements:</u></p> <ul style="list-style-type: none"> • 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

CSU 1–LEGAL SERVICES DIVISION

“To provide sound and timely legal services for the Ministry to support the sustainable development of natural resources and the environment.”

The Legal Division provides legal and policy advice to all 14 Divisions of the Ministry, the CEO and the Minister. The Division also assists and provides legal advice, draft Memorandum of Agreements, assist with procurement / Contracts and any other legal work required under various projects implemented by the Ministry. Another crucial role of the division is to engage with other government offices, government corporations, private sector and/or organisations in implementing the Ministry’s statutory roles and functions. The Division is also involved in the active promotion of laws and dealing with 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 2018 – 2019 the Legal Division provided the following services to support the work of the Ministry:

Achievements:

- | | |
|--|----|
| • Alienation of freehold land applications - | 24 |
| • Contracts - | 34 |
| • MOUs / LOAs - | 30 |
| • Legislative reforms / Regulations / Policy: | |
| i. Leasing and Licensing of Customary Land Amendment Act 2019; | |
| ii. Marine Wildlife Protection Amendment Regulations 2018; | |
| iii. Waste (Plastic Bag) Management Regulations 2018; | |
| iv. Policy on Managing Plastics 2018 | |
| v. Tree Management Policy 2019 | |
| • Capacity building/trainings - | 8 |
| • Enforcement and Compliance activities: | |
| vi. Monitoring / inspections conducted - | 56 |
| vii. Investigations conducted - | 13 |
| viii. Cases submitted to AGO for prosecution | 2 |
| ix. Environmental matters resolved without going to Court - | 10 |

Analysis

Legal reforms and policy developments are ongoing. Some of these reforms include the *Alienation of Freehold Land Amendment Bill* which is currently before the Law Reform Commission for its full review. *Water Resources Amendment Regulations 2019* which is now ready for referral to Cabinet for their endorsement before it is signed by the Head of State.

Water Resources By-Laws (Multiple Villages) 2019 which has just been approved by the Attorney General will soon be effective once signed by the CEO. *Forestry Resources Management Regulations* with appropriate fees and levies (which will be made a Schedule to the Regulations) as reviewed by a Consultant will be forwarded to the Revenue Board for approval before the draft Regulations is vetted by the Attorney General. *Meteorology Bill 2019* and the *Climate Change Bill 2018* which are both in draft forms are still in their review stages.

A total of 10 civil matters during this period are being dealt with by the Ministry, of these 10 matters – 3 of the civil matters have already been resolved without resorting to Court proceedings, 5 of these matters are outstanding and pending before the Supreme Court, 2 of these are before the Attorney General’s Office (one is pending its mediation to be facilitated by the AG and the other is awaiting the Legal Division’s review).

The Ministry continues to receive reports and support from the community on illegal sand-mining, illegal logging, non-consented developments and other various environmental offences. Ongoing legal support to the Office of the Attorney General continues for both civil and criminal litigations.

The Legal Division attended meetings/conventions and trainings in Fiji, Greece, Nairobi – Kenya and New York during this period. Reports of the meetings/conventions and trainings attended were provided and approved by Cabine



CSU 2– CORPORATE SERVICES DIVISION

To provide efficient HRM and financial services and effective capacity building and public awareness to support sustainable development of natural resources and the environment.”

The Corporate Service division comprises of 3 sections:

- Administration & HR Section
- Capacity Building Section
- Finance Section

(A) ADMINISTRATION & HR SECTION

The Administration Section is responsible for the day to day administration, human resources management, central records management and asset management within the Ministry

Recruitment	77
Renew Contracts for ACEOs	3 (7)
Promotions	21(14)
Project Appointments	4 (8)
New Recruits (Permanent)	36(42)
Extension Retirees	3(4)
Reclassification	5 (2)

Staff Turnover	36
Resignations	20
Terminations for Disciplinary	3
Retirement	4
Project Field Assistants End	11

Irregularity Reports	
Vehicles	5
Fixed Asset	1

Registered Assets		
Total Asset as of June 2018	192	\$1100,253.94
New Procurement (Local)	79	\$346,550.02
New Procurement (Project)	113	\$753,703.92

Registered Assets	
Vehicles	1
Fixed Asset	192
Vehicles	1

B) CAPACITY BUILDING SECTION

Provide effective and efficient services for HR management and staff development through capacity building, environment education, and public awareness.

The Capacity Building Section continues to provide a strong HR support services to all Divisions towards achieving its organizational objectives/goals and to contribute to the success of the Ministry. These include the provision of services through capacity building initiatives, public awareness and environment education for schools and communities, assist with the coordination of national awareness events and also with the compilation of corporate documents.

Trainings & Meetings

As per Table 6 below, 254 training opportunities benefited staff personnel from different divisions within this Financial Year, in terms of exposure to new work situations, enhanced knowledge and skills, information sharing and the application of practical ideas generated from new learning environments.

The top four (4) divisions with the highest number of overseas trips, due to the technicality of their work (MET, DEC, DMO, WRD, RED, LEGAL and CC&GEF)

Table 6: Training and Meetings

DIVISION	# OF STAFF	MEETINGS	TRAINING	ICT- TRAINING	TOTAL	
		FY 18/19	FY 18/19		FY 18/19	FY 17/18
MIN	1	9			9	9
AMIN	1	3			3	3
CEO	1	15			15	8
RED	6	4	7	1	12	7
ESCU	2	2	3		5	2
CCGEF	3	6	2		8	5
ICT	2	1	4		5	2
CSD	8	2	4	11	17	5
LEGAL	3	5	3		8	7
LMD	3	2	2	3	7	3
SIA	4	5	3		8	6
DEC	17	15	16		31	17
FOR	6	7	5		12	6
MET	20	25	19		44	18
PUMA	6	3	6		9	6
WRD	5	10	6		16	9
DMO	12	14	12		26	15
WSCU	2	3	3	15	21	6
FY-18/19	102	131	95	30	254	
FY-17/18	56	75	59	8		134

In - House Training

- Conduct six (6) Induction Trainings for this year (4-Upolu and 2-Savaii)
- Conduct 2 refresher courses for staff on Performance Management System
- Complete 28 Continuous Learning Session for this year.

Compilation of Corporate Documents

- Management Plan FY 2018/19
- Annual Report FY 2017/18
- Complete compilation of the revised MNRE Corporate Plan -7th Plan and Service Charter
- All Documents posted on the website

National Environment Events

- International Ozone Day 2018
- National Energy Day 2018
- World Wetland Day 2019
- World Water & Forest Day 2019
- World Soil and Land Week 2019
- National Toilet Day

Media & Communication

- Managing of the Ministry's Facebook page (Ministry of Natural Resources and Environment Samoa), continued to promote understanding and awareness amongst the general public on various environmental concerns.

- MNRE Monthly Newsletter which highlights a combination of events during each month continues to capture the interest of numerous stakeholders and promote collaboration and information sharing amongst the Divisions on activities.

(C) FINANCE SECTION

Financial Performance

Summary Of Budget For Financial Year Ending 30th June 2019 Outputs	
Annual Approved Budget FY 2018-2019	12,860,781.00
Approved Personnel	9,051,913.00
Approved Operating	2,268,171.00
Spending	12,673,801.00
	186,980.00
Transactions On Behalf Of The State	
Approved Budget for FY 2018-2019	13,124,262.00
Less Spending	11,821,218.00
	1,303,044.00
Remaining Balance	1,490,024.00

1. Expenditures

The overall utilization for the Ministry budget in terms of personnel and operations is at 99% (Table 7, page 51)

Analysis on Output Expenditure (refer Table 1)

1. Note that most Outputs show total utilization (Personnel & Operations) ranges from 90-100% except for the 3 Outputs that were over:
 - (i) CEO Output at 101%
 - (ii) Land Management Output at 101% utilization, and
 - (iii) Information Technology at 105% utilization.
2. The CEO Output indicate an over utilized under capital category at 537% associated with the replacement laptop for the Deputy PM.
3. The over expenditures of 102% for personnel under Land Management is associated with Long Service benefits for staff.
4. The Information Technology Unit shows a 115% utilization for personnel. Procurement for the heavy duty photocopy for the Water Sector Coordination Division was charged by MOF to the IT Output.

b) Special Purpose Accounts

1. Membership fees and grants shows an overall utilization at 71% (refer Table 2)
2. Low utilization is due to the following:
 - Over budget allocation for the WMO membership, and some of the International Conventions eg: Rotterdam Convention, UNEP, and Stockholm which shows remaining funds
 - Some invoices were not received during the FY despite follow-ups with Focal Points; eg., from CITES, CBD

c) Government Policies/Initiatives (Utilization at 93%)

(refer Table 3)

1. Rents & Lease - The variance of \$23,559 in Rents and Leases for the TATTE Building is for the VAGST

calculation on Finance One System.

2. Customary Land for Observation Stations and Towers expenditures are under-utilized as this is the remaining AWSs station to be surveyed and lease documents to be prepared.
3. Co-location Digicel Lease for the Emergency Siren Network is under-utilized due to unpaid monthly bill for 3 months (Jan, March & June 2019) delay submitted of invoices.

d) Counterpart Costs to Development Projects (refer Table 4 with comments)

Total utilization is at 87%

- Remaining funds from national events: eg., UNCCD Land Day, World Water Day, Sanitation Day, Water Sector Review etc as other costs were supported through projects.
- Low utilization% noted for the following and the remaining funds were rolled over for the 2019/20 FY:
 - Environment week funds were roll over for FY2019/2020
 - CLAC – unpaid invoices
 - Water Research Initiatives – Remaining funds roll over for FY2019/2020
 - Institute for Professional Engineers - Didn't submit Audit report as per contract signed
 - Falefa Riverbank protection – works were completed in June 2019
 - Rainfall harvesting funds were roll over for FY2019/2020
 - Renovation of Maota Office Savaii fund roll over to be completed in FY 2019/20

2. Revenues (refer Table 5)

The Ministry collecting 89% collection of its annual budget recoveries for the financial year. This is due to:

- Output 3 (Land Management Division) – less number of applications for Reclamation works and Land Registrations.
- Output 4 (Land Technical) Less number for Digitizing works and also the surveyor works has been outsource to the private businesses.
- Output 7 (Meteorological, Hydrological, Geological) Revenue subject to the demand for use of the drilling rig, Rainfall data charges

Other outputs recorded high collection such as:

- Output 5 (Environment Services) Regular collections from waste fees and outstanding invoices reconciled and paid.
- Output 6 – (Forestry, Planning, Research – exceeded due to an increase with woodlot registration.
- Output 8 (Planning and Urban Management Services) Increase number for Development consent issued
- Output 9 (Sustainable Water Resources): Increase requests for Water license received by the Ministry.

Annual Recoveries for FY 2018-2019	5,319,038.00
Actual Recoveries Collected	4,743,444.00
Under/ (Over collection)	575,594.00

Annex 1: Approved Budget for the Financial Year 2018 2019

extracted from Finance One system

Table 1: Output Expenditures

OUTPUTS PROVIDED BY MINISTRY	COST POOL	ACTUALS	UTILISATION %	BUDGET	VARIANCE	ORIGINAL BUDGET
2810 - Policy Advice to the Minister of Environment	Personnel	612,753.00	102%	598,891.00	(13,862.00)	643,337.00
	Operating	184,404.00	97%	190603.00	6198.00	141,500.00
	Capital	5081.00	537%	947.00	(4134.00)	-
	TOTAL	861,663.00	101%	850,468.00	(11,195.00)	843,790.00
2820 - Ministerial Support	Personnel	202,967.00	102%	198,420.00	(4546.00)	196,129.00
	Operating	262,250.00	99%	264,035.00	1785.00	268,749.00
	Capital	4713.00	100%	4714.00	1.00	-
	TOTAL	618,494.00	100%	617,240.00	(1254.00)	612,261.00
2830 - Land Management	Personnel	984,029.00	102%	968,223.00	(15,806.00)	1,011,010.00
	Operating	159,148.00	97%	163,284.00	4136.00	99,500.00
	Capital	-			-	-
	TOTAL	1,262,028.00	101%	1,251,563.00	(10465.00)	1,210,103.00
2840 - Land Technical Services	Personnel	748,773.00	99%	755,105.00	6,332.00	795,274.00
	Operating	105,870.00	87%	121,870.00	16,000.00	95,590.00
	Capital	30,547.00	97%	31,387.00	840.00	-
	TOTAL	974,328.00	98%	998,404.00	24,075.00	890,864.00
2850 - Environment Services	Personnel	1,132,735.00	101%	1,126,271.00	(6464.00)	1,131,389.00
	Operating	193,446.00	99%	195,580.00	2135.00	163,580.00
	Capital		0%		-	-
	TOTAL	1,489,600	100%	1,486,927.00	(2673.00)	1,294,969.00
2860 - Forestry Mgmt, Planning, Research Service	Personnel	1,333,653.00	99%	1,342,169.00	8515.00	1,476,493.00
	Operating	262,551.00	94%	280,010.00	17459.00	205,010.00
	Capital	87,042.00	93%	93,287.00	6245.00	-
	TOTAL	1,846,667.00	98%	1,880,543.00	33,876.00	1,681,503.00
2870 - Meteorological, Hydrological, Geological	Personnel	1,109,442.00	99%	1,119,964.00	10,523.00	1,105,855.00
	Operating	421,040.00	99%	423,229.00	2,190.00	421,852.00
	Capital	5,937.00	100%	5,937.00		
	TOTAL	1,714,694.00	99%	1,729,215.00	14,520.00	1,527,707.00
2880 - Planning & Urban Management Services	Personnel	755,323.00	100%	752,124.00	(3199.00)	743,851.00
	Operating	104,600.00	93%	112,838.00	8,238.00	107,700.00
	Capital	4,598.00	100%	4,599.00	1.00	-
	TOTAL	983,372.00	99%	989,617.00	6245	851,551.00
2881 - Sustainable Water Resources Mgmt	Personnel	694,609.00	97%	717,052.00	22,443.00	784,475.00
	Operating	121,772.00	85%	143,710.00	21,938.00	84,940.00
	Capital	20,006.00	78%	25,574.00	5,568.00	869,415.00
	TOTAL	999,807.00	95%	1,051,413.00	51,607.00	869,415.00
2882 - Disaster Management	Personnel	416,630.00	101%	414,118.00	(2,512.00)	424,419.00
	Operating	120,679.00	91%	132,078.00	11,399.00	117,578.00
	Capital	10,694.00	168%	6,347.00	(4,347.00)	
	TOTAL	666,854.00	99%	672,598.00	5,744.00	541,997.00
2883 - Water Sector Co-ordination Unit	Personnel	263,360.00	88%	299,952.00	36,592.00	293,331.00
	Operating	479,445.00	93%	517,978.00	38,534.00	519,232.00
	Capital	21,160.00	52%	40,431.00	19,270.00	40,000.00
	TOTAL	882,816.00	90%	978,416.00	95,601.00	970,469.00
2884 - Information and Communication Technology	Personnel	248,405.00	115%	216,347.00	(32,058.00)	262,446.00
	Operating	24,966.00	90%	27,621.00	2,655.00	42,940.00
	Capital	55,538.00	85%	65,389.00	9,851.00	
	TOTAL	373,478.00	105%	354,377.00	(19,100)	305,386.00
2891 - Central Services Unit 1	Personnel	226,247.00	101%	224,822.00	(1425.00)	220,732.00
	Operating	17,225.00	97%	17,720.00	495.00	17,720.00
	TOTAL	243,484.00	100%	242,542.00	(942.00)	238,452.00
2892 - Central Services Unit 2	Personnel	910,951.00	100%	911,160.00	210.00	1,002,151.00
	Operating	300,591.00	99%	304,195.00	3604.00	233,220.00
	Capital	41,433.00	97%	42,803.00	1,370.00	
	TOTAL	1,252,921.00	99%	1,258,158.00	5,237.00	1,235,371.00

Transactions on Behalf of the State: Annual Review FY 18 - 19
Cost Breakdown extracted from Finance One system

Table 2: Membership Fess & Grants

	<i>ACTUALS</i>	<i>YTD</i>	<i>UTILISATION %</i>	<i>BUDGET</i>	<i>FUNDS REMAIN.</i>	<i>Comments</i>
D08 - World Meteorological Organisation	34,984	34,984	45%	77,323	42,339	Wmo contribution substantially reduced after calculation of rates of members
D29 - Union Conservation of Nature, International	52,113	52,113	74%	70,000	17,886	Remaining balance from invoice received
D30 - SPREP Work Programme	119,999	119,999	100	120,000	1	On Target
D31 - UNFCC	-	-	0%	3,900	3900	No Invoice received
D51 - Biological Diversity Convention	-	-	0%	609	609	No Invoice received
D54 - Rotterdam Convention	-	-	0%	6,500	6500	No Invoice received
D55 - Migratory Species Convention	346	346	23%	1,500	1154	Delayed submitted of invoices
D57 - UN Convention to Combat Desertification	1,378	1378	69%	2,000	622	Remaining balance from invoice received
D58 - UN Environment Programme (UNEP)	1,817	1,817	91%	2,000	183	Remaining balance
D59 - Stockholm Convention (US1500)	1,274	1,274	64%	2,000	726	Remaining balance
D60 - Basel Convention (US 1000)	104	104	3%	3,500	3,396	No Invoice received
D76 - Commonwealth Forestry Association - London	-	-	0%	800	800	Delayed submitted of invoice
D77 - Asian Pacific Association of Forestry Re	-	-	0%	200	200	No Invoice received after follow up
D92 - RAMSAR Convention	2,809	2,809	24%	11,818	9,009	Remaining balance from invoice
D97 - Heritage (US33)	-	-	0%	100	100	No Invoice received after follow up
D98 - Waigani Convention (US 1500)	2,895	2,895	58%	5,000	2,106	Remaining balance from invoice received
E02 - CITES - Trust Fund	208	208	69%	300	92	2/3 of Samoa's total contribution for 2018 was paid under the budget FY17-18 with remaining balance under FY18-19
E03 - IRENA - International Renewable Enegy Agency	563	563	58%	968	405	Remaining balance from invoice received
Total	218,490	218,490	71%	308,518	90,028	

Table 3: Government Policies /Initiatives

	<i>ACTUALS</i>	<i>YTD</i>	<i>UTILISATION %</i>	<i>BUDGET</i>	<i>FUNDS REMAIN.</i>	<i>Comments</i>
G23 - Rents & Leases	775,433	775,433	97%	798,992	23,559	On Target (Paid Rents & Leases for TATTE Building FY18-19)
G46 - Customary Land for Observation Stations and Towers	40,427	40,427	79%	51,000	10,573	The remaining AWSs stations to be surveyed and lease documents to be prepared.
G63 - Co-location Digicel lease	253,983	253,983	66%	386,436	132,453	Remain Bill for 3 months not paid(Jan, Mar, June 2019)
G70 - Pacific Water and Waste Water Office	93,478	93,478	93%	100,000	6,522	Remaining balance from Invoice
J45 - PEEP - Phase 2 (Promoting Energy Efficiency in the Pacific)	109,473	109,473	91%	120,000	10,527	Remaining balance from Total
Q01 - VAGST Output Tax	1,372,488	1,372,488	99%	1,385,228	12,740	MOF to process tax
Total	2,645,282	2,645,282	93%	2,841,656	196,374	

Table 4: Counterpart Costs to Development Projects

	ACTUALS	YTD	UTILISA-TION %	BUDGET	FUNDS REMAIN.	Comments
J46 - Roads for Land Board Leased Lands	195,065	195,065	39%	500,000	304,935	Aleisa Road to be paid FY19/20
L18 - Biodiversity Day	-	-	0%	20,000	20,000	Roll over for FY19/20
L19 - World Water Day	20,803	20,803	83%	25,000	4,197	On Target: World Water Day was held in March 22, 2019
L20 - World Wetlands Day	18,591	18,591	93%	20,000	1,409	Remaining balance from Total
L21 - Sanitation Day	8,393	8,393	42%	20,000	11,607	On Target: National Sanitation Day was held in November 2018
L23 - UNCCD Land Day	18,787	18,787	94%	20,000	1,213	Remaining balance from Total
L25 – Energy Day	14,780	14,780	99%	15,000	220	Remaining from invoice
Q19 - Waste Management Service Contracts	3,744,259	3,744,259	96%	3,880,553	136,295	Contracts for June not paid
Q20 - Land Compensation	2,000,000	2,000,000	100%	2,000,000	0	Malololelei – (Catholic Chrch), Lanutoo-(Rudy Aiono)
Q35 - Land Registration / Leasing Commission	44,402	44,402	67%	66,000	21,598	The remaining funds was for the allowances for the Commissioners and for all land commission activities have been set at the Court, but the cases were postponed from the court.
Q46 - Sludge Maintenance Contract(Upolu Savaii)	147,783	147,783	90%	164,100	16,317	Remaining payment for contract
Q56 - Plumbers Association	39,249	39,249	98%	40,000	751	Signed contract with APTC to conduct trainings
Q57 - National Environment Week	-	-	0%	40,000	40,000	Roll over for 2019/20 - Biannual event
Q58 - Customary Land Advisory Commission	166,824	166,824	87%	191,234	24,410	remaining funds - Invoice not paid
R56 - NPF Land Compensation (Malololelei-Catholic)	599,524	599,524	100%	600,000	476	Tapatapao – Alii ma Faipule Toamua
R57 - Water Sector Annual Review	23,883	23,883	95%	25,100	1,217	11th Water and Sanitation Sector Annual Review was held in November 2018
R58 - Water Sector Research Initiative & Impact Assess- ment	58,696	8,696	84%	70,000	11,304	Roll over for 2019/20
R75 - Institute of Professional Engineer Society	-	-	0%	20,000	20,000	Did not submit Audit report as per contract signed
R76 - Public Toilet Maintenance and Cleaning	314,852	314,852	99%	317,000	2,148	3 year contract - maintenance & bills
R77 - Millennium Development Goals	19,436	19,436	97%	20,000	565	MDG monitoring for Upolu and Savaii started in April to May 2019
S11 – Lawn Maintenance	242,425	242,425	99%	245,000	2,575	remaining invoice for SnT Lawn maintenance for June 2019
S29- Garden Toilets	100,000	100,000	100%	100,000	-	Fully utilised for the construction 2 Garden Toilets in FY18/19 (Fagafau, Saleaula)
S30 – Falefa Watershed Area River Bank Protection	131,724	131,724	82%	160,000	28,276	Works were completed in June 2019
S53 – Technical Assistance/Professional Service- Water Sector	111,557	111,557	40%	280,000	168,443	MoF did not approve the roll-over for Capacity Building Strategy LOA and to fund preparations for trainings
S54 – Rainfall Harvesting Program	224,500	224,500	75%	300,000	75,500	Roll over for 2019/20
S55 – Land Compensation – Water Sector	500,000	500,000	100%	500,000	-	Fully utilized for land compensation for Catholic at Malololelei
S86 – Regulator (Annual Fees)	26,539	26,539	83%	32,000	5,461	Remaining invoice not paid in time
S88 – Renovation of Maota Office Savaii	8,770	8,770	9%	100,000	91,230	Roll funds – To be completed in FY1920
S95 – Electricity Bill for Digicel Post	176,604	176,604	87%	203,100	26,496	invoice not received for June 2019
Total	8,957,446	8,957,446	90%	9,974,087	1,016,641	

Table 5: Revenues

REVENUES	ACTUALS	YTD	UTILISATION %	BUDGET	(OVER)/UNDER	YTD BUDGET
2830 - Land Management	4,383,384	4,383,384	88%	5,000,000	616,616	\$4,383,384.00
2840 - Land Technical Services	27,338	27,338	72%	38,149	10,811	\$27,338.00
2850 - Environment Services	170,266	170,266	247%	68,851	(101,415)	\$170,266.00
2860 - Forestry Mgmt, Planning, Research Service	19,215	19,215	186%	10,323	(8,892)	\$19,215.00
2870 - Meteorological, Hydrological, Geo- logical	62,820	62,820	46%	137,060	74,240	\$62,820.00
2880 - Planning & Urban Management Services	61,310	61,310	106%	58,055	(3,255)	\$61,310.00
2881 - Sustainable Water Resources Mgmt	15,612	15,612	237%	6,600	(9,012)	\$15,612.00
2882 - Disaster Management	3500	3500	0%	-	(3500)	\$3500.00
TOTAL	4,743,444	4,743,444	89%	5,5319,038	575,594	\$4743,444.00

Table 6: General Ledger

GENERAL LEDGER SUMMARY	ACTUALS	YTD	UTILISATION %	BUDGET	FUNDS REMAIN.	YTD BUDGET
Output Provided by Ministry	12,673,801	12,673,801	99%	12,860,781	186,980	12,673,801
Transaction on Behalf of the State	11,821,218.	11,821,218	91%	13,124,262	1,303,044	11,821,218
TOTAL	24,495,019	24,495,019	94%	25,985,043	1,490,024	\$24,495,019

Table 7: Budget Summary

SUMMARY BY BUDGET CATEGORY	ACTUALS	YTD	UTILISATION %	BUDGET	FUNDS REMAIN.	YTD BUDGET
CAPITAL - Capital	286,749	286,749	89%	321,415	34,665	286,749
OPERATNG - Operating	2,747,178	2,747,178	95%	2,894,750	147,572	2,747,178
PRSONNEL - Personnel	9,639,874	9,639,874	100%	9,644,616	4,743	9,639,874
TOTAL	12,673,801	12,673,801	99%	12,860,781	186,980	12,673,801

Annex 2: Key Performance Indicators (Budget)

Table extracted from the Ministry Budget Full Year Review submitted to the Ministry of Finance (FY18/19) for all Outputs

Output 1 : Policy Advice to the Responsible Minister.			
Performance Measure/ Indicator	Target	Progress	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	Completed/ Achieved	Conducted more than 10 workshops and meetings FY18/19.
Number of renewable energy projects implemented with Communities	2 (IMPRESS & NAMA)	Completed/ Achieved	Ongoing implementation of the Afolau Biomass Gasification Plant and other village communities
Number of policies and strategies reviewed /implemented by Ias (NECC)	2	Completed/ Achieved	Reviewed the National Greenhouse Gas Abatement Strategy 2008-2018; Office of the Regulator formulating a Policy on Smaller Community grid-connected projects
Percentage of development, registrations, and natural resource approvals issued over applications applied for	90%	Completed/ Achieved	DC from PUMA, land registrations tools and permits, water license and forestry permits issued
Date by which the Annual Report for 2017/2018 is completed and submitted to Parliament	December 2018	Completed/ Achieved	Annual Report endorsed and discussed Parliamentary Committee
Percentage of concepts and detailed project proposals prepared and submitted to GEF secretariat and other donors	100%	On target	GEF 7 replenishment programme in progress for detailed project proposal and approval by GEF secretariat and donors
Install biogas system as onsite sanitation management and alternative fuel.	1	Completed/ Achieved	Afiamalu Retreat
Number of projects being implemented across the GEF focal areas	2projects	Completed/ Achieved	Both current national and regional projects are implemented and progressing well with consistent advisory board meetings at quarterly basis to guide implementation.
Environment Sector Annual Review conducted by end of November	5th Annual Review	Completed/ Achieved	Annual review was held in March 2019 and included the Mid-Term Review for the NESP's first 2 and a half years of implementation (FY 16/17, FY 17/18 & FY2018/19 - being the first 6 months).
NESSC Quarterly Meetings	4	Completed/ Achieved	Convened 3 NESSC quarterly meetings (9 Nov 2019, 27 Feb 2019, 30 May 2019) with last NESSC quarterly meeting for FY2018/19 held on 31 July 2019.
Sector Quarterly Reports endorsed by NESSC	4	Completed/ Achieved	3 quarterly reports for the 3 NESSC meetings prepared and endorsed by the NESSC in FY 18/19. The 4th and last quarterly report for FY2018/19 was endorsed in the last meeting held in July 2019.
NESSC Six-Monthly Site Visits Conducted	2 site visits conducted by end of financial year	Completed/ Achieved	2 NESSC site visits were conducted in December 2018 and July 2019 for this fiscal period.
Number of sector coordination meetings attended/facilitated	30 meetings anticipated	Completed/ Achieved	Attended meetings relating to the Sector on behalf of MNRE as required and directed by the CEO. List of meetings is being confirmed and will be provided.
Fourth Edition of State of the Environment Report developed by end of 2020	25% of scheduled work plan completed	Incomplete	About 15% of the targeted 25% of the work completed. The consolidation of all environmental indicators to facilitate the SOE update has completed with the development of the National Environment Indicators Reporting System (NEIRS). Work on inputting data has commenced. The drafting of the new TOR remains to be completed.
Environment Household Survey conducted by end of 2020	25% of scheduled	Incomplete	This was requested to be removed from the budget due to lack of funding.

	work plan completed		
Sector Performance Monitoring System (Indicator Reporting System) developed and operational by end of September 2018	100%	Completed/ Achieved	The National Environment Indicator Reporting System (NEIRS) has been developed. Data input is well underway.
Sector Communication Strategy developed by end of February 2019	100%	Incomplete	TOR drafted. Work is rescheduled to FY2019/20

Output 2 : Ministerial Support.			
Performance Indicator	Target	Progress	Comments
Level of satisfaction of the minister with ministerial support provided by the ministry	100%	Completed/ Achieved	18 Board meetings (10 PUMA & 8 Land Board Meetings), offer usual office support to Minister, Official travel with Associate Minister and High level meetings
Number of local visits conducted by minister on resource management and environment. Also include High level meetings attended.	26	Completed/ Achieved	24 Minister Advisory Committee monthly meetings (12 Upolu & 12 Savaii), The local visit was scheduled for Savaii and Upolu is postponed for the next FY due to other activities Attended 3 Conference of the Parties Meeting and 11 High Ministerial Level meeting.

Output 3: Land Management.			
Performance Indicator	Target	Progress	Comments
Number of applications for government land leases, land taken for public purposes and reclamations approved by Land Board.	220	Incomplete	89 applications received for government land leases, dropped the numbers of applications due to the unavailability of lands for to leases. 7 land board meetings, 13 applicatio for reclamations approved. 11 land taking -total up to 120 applicatio, reclamations and land taking within this FY
Number of application for valuation processed and approved	100	Completed/ Achieved	Achieved, 147 valuation reports recaorded within this financial year
Number of instruments registered and approved which complied with the Land Titles Registration Act 2008.	2000	Completed/ Achieved	2953 received documents for registration. 2,870 register and approved. In this picture illurustrate that 97% of received documents completely registered.
Number of Land claim applications reviewed and approved	5	Completed/ Achieved	Six applications received, 3 Claims already had decisions from the Land Commission . 2 Claims postponed, awaiting for their response from the surveyor and a solicitor and one 1 calim withdrawn.
Number of burial plots allocated	60	Completed/ Achieved	Fifty five(55) applications approved. Tafaigata 29 appliation, Vailele 17 application, Magiagi 7 application and Tufuiopa 2 application.
Critical landscapes under conservation/rehabilitation measures through integrated SLM practices	5 pilots	Completed/ Achieved	Achieved more than 10 pilot sites in this finanacial year.
Number of stamp duty applications processed and approved	400	Completed/ Achieved	Achieved, 943 transfers documents submitted for stamp duties.
Number of applications for sand mining, scoria mining, sea reclamations and applications for temporary use of government land for billboards, banners and stalls processed and approved.	170	Completed/ Achieved	There is improvement in work perform
Number of applications for customary land leases and licenses processed and approved	20	Completed/ Achieved	We have achieved 26 new lease as more people understand our lease processess and the significant of bringing the customary land under the relevant land act to avoid any any misunderstanding in the future between land owners and lessee
Number of consultations conducted with community on promoting economic use of customary lands	5	Completed/ Achieved	This activity is to be continued since we are awaiting Parliament approval of the The Amended bill on Lease and Licences on Customary Land 2019 and will consult again with the communities nation wide as well as Regulations to be completed both in English and Samoan.

Number of UNCCD NAP consultations conducted on the national and community levels for sustainable land management (SLM)	12	Completed/ Achieved	There is still ongoing consultations and workshops to be conducted on the national and community levels for sustainable land management (SLM)
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Output 4: Land Technical Services.			
Performance Indicator	Target	Progress	Comments
Percentage of survey plans received that comply with Survey Act 2010 and Survey Regulation 2011	90%	Completed/ Achieved	All plans received within the financial year, lodged, examined and approved according to the regulation and Policies.
Percentage of survey plans received for scanning and recording on the Digital Cadastral Database approved	60%	Completed/ Achieved	Completed all approved plans and forward to land registration for producing computer folio.
Number of surveys directed by Land Board and MNRE for government lands.	6	Completed/ Achieved	All 13 surveys directed by the Land Board completed
Number of surveys requested by Land and Titles Court completed	7	Completed/ Achieved	All survey requested by Lands and Titles Courts done and completed
Number of survey investigations and inspections conducted to enforce compliance under the Survey Act	10	Completed/ Achieved	There's only one investigation on the field but all were done by the Survey Quality Assurance
Number of maps produced for the public (electronic and hard copies) and sold to the public	80	Completed/ Achieved	100% maps produced and sold both public and government ministries. Due to the high resolution of LIDAR 2015 the information was given out was really updated and more accurate for the public to use.
Number of determinations approved by Geographic Names Board	50	Incomplete	There is no meeting during the financial year 2017/2018
Percentage of topographical layers and modelling of sea level rise impacts on assets updates through collection of high resolution data through Lidar technology	30%	Completed/ Achieved	Completed all maps the maps for topographical layers requested for Complain in district where priorities for PPCR project.

Output 5: Environment Services.			
Performance Indicator	Target	Progress	Comments
Number of awareness and educational programs for Biodiversity conservation and Waste Management	20	Completed/ Achieved	<p><i>Terrestrial Biodiversity:</i></p> <ul style="list-style-type: none"> Completed a total of thirty (30) educational and awareness programs (including the preparation of communication products) for terrestrial biodiversity conservation for schools, stakeholders and the local communities. <p><i>Marine Biodiversity :</i></p> <ul style="list-style-type: none"> Completed a total of 14 awareness and educational programs for the marine environment and resources for schools, institution, communities and staff. <p><i>National Reserves:</i></p> <ul style="list-style-type: none"> Completed 11 awareness programs (including development of awareness materials for rattan and medicinal plants) with the schools, communities and organizations related to Mt Vaea Ecosystem resilience project and 3 awareness education programs for Manumea and in relation to Malololelei pest management project. 80% of these educational and awareness programs were funded through projects. <p><i>Solid Waste Management:</i></p> <ul style="list-style-type: none"> Completed joined awareness programs on Solid Waste and Chemical and Hazardous wastes at Vaisigano catchment including the media. 7 Community and 2 school programs conducted <p><i>Chemicals and Hazardous Waste:</i></p> <ul style="list-style-type: none"> Conducted one (1) school awareness at Faleata College and 3 community consultations at Vailuutai, Ululoloa and Vaisigano lower catchment region.
Number of monitoring conducted for all waste contracts	12	Completed/ Achieved	<p><i>Solid Waste Management:</i></p> <ul style="list-style-type: none"> Twelve (12) monitoring for waste contracts have completed for verifying of adherences to the terms and conditions of contracts and monthly payments. <p><i>Chemical and Hazardous Waste:</i></p>

			Conducted 3 monitoring visits for Vaiaata Sludge Facility, 12 monitoring for Tafaigata Sludge Facility and 3 monitoring of Public Toilets at Mulinuu, Sogi and Eleele-fou.
Number of waste minimization programs in Samoa	10	Completed/Achieved	Installed billboards and signs as well as public bins in public places.
Number of surveys and monitoring conducted for the marine and terrestrial biodiversity priority areas for Samoa	10	Completed/Achieved	<p><i>Terrestrial Biodiversity Conservation:</i></p> <ul style="list-style-type: none"> Completed seven (7) terrestrial biodiversity monitoring surveys (birds, butterflies, flying fox, water lettuce). <p><i>Marine Biodiversity Conservation:</i></p> <ul style="list-style-type: none"> Completed a total of 7 monitoring and survey (86%/6 funded by projects): <ul style="list-style-type: none"> 1 coral reef ecological monitoring survey for Palolo Deep Marine Reserve. 1 follow-up research to investigate Samoan marine invertebrate fauna. Collaboration with Korean Institute of Ocean Science and Technology (KIOST). 1 turtle nesting survey for Falealupo village. 1 cetacean monitoring survey for the southern coast of Upolu. 1 mangrove biodiversity audit baseline survey for Lotoso'a Saleimaoa. 1 mangrove biodiversity audit baseline survey for Satuimalufilufi. 2 green turtles (sub juveniles) were tagged and released at Lepuia'i Manono island. <p><i>National Reserves:</i></p> <ul style="list-style-type: none"> Completed 4 routine bird monitoring for Mt Vaea, Malololelei and Faleata reserves. Completed 1 eradication operation for Papaseea with no confirmed findings of Rattan palm. Database updated for all surveillance and management activities conducted. <p>Completed routine check-ups of monitoring lines for rat presence/absence at Malololelei</p>
Number of restoration, rehabilitation programs for Marine habitats	2	Completed/Achieved	<p>Completed 4 restoration/rehabilitation programs:</p> <ul style="list-style-type: none"> 2 mangrove planting completed for the villages of Lotoso'a Saleimaoa (120 propagules) and Satuimalufilufi (500 propagules) under their UNDP SGP projects. <p>2 COT control operations conducted for Salamumu coastal area (9 COTs found) and Palolo Deep Marine Reserve (no COTs found)</p>
Total area of Reserve restored and rehabilitated	10ha	Completed/Achieved	Overall area replanted and rehabilitated is 10.2ha. Total number of seedlings planted is 25,350 in three areas in one year.
Number of regulating tools for environment and conservation	2	Completed/Achieved	<p><i>Terrestrial Biodiversity Conservation:</i></p> <ul style="list-style-type: none"> The EMC bill is at the final stage of development. (2) Developed a draft TK Guideline. The ABS/TKAR database is under development. The updated Manumea recovery plan is under development. <p><i>Marine Biodiversity Conservation:</i></p> <ul style="list-style-type: none"> 1st draft of the Samoa Ocean Strategy 1 research permit issued for the marine resources scientific research by KIOST <p><i>Solid Waste Management:</i></p> <ul style="list-style-type: none"> Endorsed and enforce the Waste (Plastic Bag) Management Regulation 2018. Endorsed the National Waste Management Strategy and in implementation phase. 1 MoU signed with KIOST on their marine scientific research contract drafted for TA for the PPCR-ECR sub district project for Aleipata MPA and Falealili mangroves (9) Completed final draft for Malololelei Pest Control project. <p>Completed, finalized and launched Campaign strategy for Manumea.</p>
Number of waste management surveys conducted	2	Completed/Achieved	Completed three waste audit surveys at Vailuutai, Saleapaga and Papa Puleia
Number of awareness and educational programs for Biodiversity conservation and Waste Management	20	Completed/Achieved	<p><i>Terrestrial Biodiversity:</i></p> <ul style="list-style-type: none"> Completed a total of thirty (30) educational and awareness programs (including the preparation of communication products) for terrestrial biodiversity conservation for schools, stakeholders and the local communities. <p><i>Marine Biodiversity :</i></p> <ul style="list-style-type: none"> Completed a total of 14 awareness and educational programs for the marine environment and resources for schools, institution, communities and staff. <p><i>National Reserves:</i></p>

			<ul style="list-style-type: none"> Completed 11 awareness programs (including development of awareness materials for rattan and medicinal plants) with the schools, communities and organizations related to Mt Vaea Ecosystem resilience project and 3 awareness education programs for Manumea and in relation to Malololelei pest management project. 80% of these educational and awareness programs were funded through projects. <p><i>Solid Waste Management:</i></p> <ul style="list-style-type: none"> Completed joined awareness programs on Solid Waste and Chemical and Hazardous wastes at Vaisigano catchment including the media. 7 Community and 2 school programs conducted <p><i>Chemicals and Hazardous Waste:</i></p> <ul style="list-style-type: none"> Conducted one (1) school awareness at Faleata College and 3 community consultations at Vailuutai, Ululoloa and Vaisigano lower catchment region.
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Output 6 : Forestry Management, Planning & Research Services.			
Performance Indicator	Target	Progress	Comments
Total hectares planted to restore degraded forest in National Parks and Community woodlots	100ha	Completed/ Achieved	107 ha planted and restored in National Parks, State Forest land and Community woodlots
Total hectares maintained in 4 National Parks	515	Completed/ Achieved	659.4 Ha maintained in four National Parks and State Forest Land.
Total number of individual farmers/societies registered and participated at Sustainable Agroforestry/Woodlots Programs	200	Completed/ Achieved	209 New Farmers registered and participated in the Community Forestry Program and Agroforestry farming.
Number of national parks and community conservation areas management plans developed and implemented	2	Completed/ Achieved	Funding has been secured under the SMSMCL Project to review the Management Plan of O Le Pupu Pue National Park
Number of research and species trials conducted	2	Completed/ Achieved	Achieved and ongoing
Number of wetland areas assessed, protected and documented	1	Completed/ Achieved	Achieved and ongoing. Community consultation with Fagaloa District conducted to protect Vaipu Wetland
Number of Forests conservation/production layers through collection of survey and monitoring data	65%	Completed/ Achieved	Achieved and ongoing. Collection of data has to be continued to update SamFRIS Database.
Number of mobile sawmills registered and inspected	13	Completed/ Achieved	7 Sawmill registered and owners of other sawmills notified the Ministry of their non-operational this year.
Total number of seedling produced in 5 forestry nurseries	150,000	Incomplete	137,289 seedling raised at Four Nurseries (Asau, Maota, Vailima and Togitogiga). The shortfall due to the upgrading of Vaipouli Nursery.
2 million trees planting for 5 years	400,000	Incomplete	180,218 seedlings planted and recorded by the Ministry this FY which brings the total of 858,860 trees planted under the Two Million Trees Planting Campaign. Problems encountered are the collection and verification of data.
Percentage of awareness and educational programs conducted on forestry programmes	70%	Completed/ Achieved	75% of Forestry awareness and educational programs conducted within this FY

Output 7 : Meteorology Division			
Performance Indicator	Target	Progress	Comments
Number of daily public and marine weather bulletins	730	Achieved	2920 – increase issuance in 6 hourly periods – 4 times/day
Number of Warnings issued (small crafts, wind and flood advisories)	30	Achieved	30
Number of aviation (aircrafts) weather bulletins	320	Achieved	560 – additional Samoa Airways airline increase issuance of aviation weather

Number of special weather bulletins issued (tropical cyclones and non-tropical cyclone season)	25	Achieved	30 – include of non-tropical cyclone season (May – Oct) severe events
Number of climate summary and seasonal rainfall outlook reports issued	12	Achieved	No change – fix number of reports (monthly)
Number of ozone depleting substance data reports produced and disseminated to stakeholders	12	Achieved	Fix number of reports
Number of felt earthquake reported	60	Achieved	70 – realization of increase in seismic activity
Number of earthquake information bulletins issued	150	Achieved	200 – same as above
Number of earthquake reports analyzed	2000	Achieved	2500 – same as above
High quality data available derived from automatic weather stations for preparation of weather reports	1,000,000 data points	Achieved	1.5 M – additional station to monitor weather and volcanoes
Number of monthly summary of EQ	12	Achieved	Fix number of monthly reports
Number of Tsunami Bulletins	8	Achieved	Fix number of monthly reports
Number of Geotechnical investigations reported	10	Achieved	15 – increase in development and enforcement of standards

Output 8: Planning & Urban Management Services			
Performance Indicator	Target	Progress	Comments
Level of compliance with development consent procedures	75%	Completed/ Achieved	1002 Development Applications registered in FY 18-19 (July 18 – June 19): 963 Development Consents granted
Number of enforcement orders issued under PUM Act 2004	20%	Completed/ Achieved	70 Enforcement Orders Issued
Percentage of nuisances/environmental pollution reports lodged and resolved	90%	Completed/ Achieved	168 Amenity Complaints Registered 141 Cases Resolved
Number of EIA reports reviewed that comply with EIA regulations	4	Completed/ Achieved	29 EIA's registered and reviewed
Number of strategies developed for sustainable development	4	Completed/ Achieved	By Jun 2019, 35 CIM Plans were translated into Samoan
Number of policies reviewed and developed	5	Completed/ Achieved	2 Codes of Environmental Practice reviewed (Code 8 & 9) 1 Policy reviewed “Planning and Development Guidelines for Housing 2006”
Number of communities with improved climate resilience	20 districts	Completed/ Achieved	Based on CIM Plan Interventions; under PPCR project: By Nov 2018, 34 Village sub projects were completed By Jun 2019, 49 Village sub projects were completed By Jun 2019, 51 Village subprojects still being implemented By Jun 2019, 22 District Projects approved for funding with 3 completed by Jun 2019 Based on CIM Plan Interventions; under AF project: By Jun 2019, 1 Access road with coastal protection was completed for Taelefaga, Salimu & Musumususu (Fagaloa district).
Number of urban planning development in place	3 waterfronts areas	Completed/ Achieved	Event Space – major infrastructure works completed. Minor works to be completed when materials arrive from overseas, including Aco-drain and bollard lights. Space to be official opened in July 2019. Clock Tower Boulevard – major infrastructure works completed. Minor works remaining includes aco-drainage and sails, will be installed before opening in July 2019. Friendship Park – construction still in progress with 40% complete.
Level of compliance with development consent procedures	75%	Completed/ Achieved	1002 Development Applications registered in FY 18-19 (July 18 – June 19): 963 Development Consents granted
Number of enforcement orders issued under PUM Act 2004	20%	Completed/ Achieved	70 Enforcement Orders Issued
Percentage of nuisances/environmental pollution reports lodged and resolved	90%	Completed/ Achieved	168 Amenity Complaints Registered 141 Cases Resolved

Output 9: Sustainable Water Resources Management			
Performance Indicator	Target	Progress	Comments
Number of Watershed Management Plans (WMPs) implemented and reviewed.	2 New WMPs (Salani, Lalomauga)	Completed/Achieved	<p>Final Draft WMPs for Lepā and Mali'oli'o are in place.</p> <ul style="list-style-type: none"> 2 new Watershed Management Plans developed and are being implemented simultaneously (Lepā and Mali'oli'o) 23 Watershed Management Plans are currently being implemented by WRD through its rehabilitation efforts, replanting, fencing and maintenance, as well creating awareness within the communities through consultations and awareness programs. The Integrated Water Management Plan for the Greater Apia Area is now under implementation through Activity 2.2 of the Vaisigano Catchment Project as funded by the GCF where our Cash for Work are currently recruited and extensively working on revitalization of upland areas like Afiamalu, Tiapapata, Letava, Alaoa and Vaoala. Initial plans for the development of WMPs for our new watershed sites Nu'usuatia and Sasina are in place. Application of IWRM and Ridge to Reef approaches to the development and implementation of community based projects under Small Grants Programs (UNDP) has resulted in the approval of 14 Villages international waters' projects with WRD technical assistance (e.g. Fasito'o spring rehabilitation,) Applications of watershed conservation methods and criterias in assisting local community requests and other organizations regarding watershed issues and conservations e.g. Eva IWS where WRD apply the fencing off of critical areas management method, etc <p>Two P3Ds have been constructed (Lepa and Mali'oli'o) serving as planning tools for Watershed Management Plans implementation and data storage. The target communities and WRD are sustainably working together on utilizing and updating information on each P3D.</p>
Percentage of WMPs under implementation (Monitored for compliance)	50%	Completed/Achieved	<p>Implementation of identified activities under Action plans within WMPs are ongoing and extended.</p> <ul style="list-style-type: none"> Community engagement tree planting activities at Mali'oli'o, Afiamalu, Fagali'i and other community areas lead by 2Million campaign where our involvement is through supplying of seedlings. (5000 seedlings from despatches records) Ongoing monitoring of river channels for rubbish disposal and issuance of Precautionary Notices. Inspection and site visits upon requests from communities. Public awareness programs are ongoing with advertisements on the TV as well as awareness programs with schools. Ongoing River Ecosystem Health Monitoring for LOA, Vaisigano, Fuluasou, Gasegase and Fagalii. <p>Demarcation of protected areas and critical riparian zones, through protective fencing was done at Afiamalu and Eva (Solosolo watershed) intakes areas</p>
Cumulative total hectares of prioritised watershed areas rehabilitated and / or declared reserves	20 additional Hectares (282 not 262 under estimated actual)	Completed/Achieved	<p>Extension of tree planting activity at Afiamalu intake area. The whole land acquired for conservation is government land. Soon to be declared as Water reserve. 500 Seedlings supplied for Mali'oli'o community tree planting. Seedlings dispatched for Two Million activities and they have noted the hectares covered under their planting areas. Exceeded target</p> <p>A total of 24 hectares was rehabilitated throughout the reporting period in Afiamalu intake area and Mali'oli'o upland area. In summary, 19 hectares of the Afiamalu water supply intake area (Government land) was extended further upland where there was a need in terms of upgrading the forest cover that was lost and degraded by encroachment of cattle farms, in addition to the 5ha of Mali'oli'o upland area that was identified by the village during the consultation. The breakdown of these total hectares is presented in Table 2 below.</p>
Groundwater potentiometric map developed using established monitoring boreholes	25%	Completed/Achieved	<ul style="list-style-type: none"> Two new sites have been added for the monitoring of groundwater availability in Samoa by way of Monitoring boreholes as stationed in Faleula and Vaipouli <p>Groundwater data is collected from 27 monitoring boreholes. This informs about 30% of the groundwater potentiometric map.</p>

Number of monitoring boreholes drilled and feasible for groundwater monitoring	3 new monitoring boreholes	Completed/ Achieved	<ul style="list-style-type: none"> Two new monitoring boreholes drilled at Faleula and Vaipouli Number of boreholes has now increased from 25 to 27 to inform groundwater monitoring and mapping. Collection of information from these bores is done fortnightly for Upolu and bi-monthly for Savaii. Pump test for SWA's production borehole at Saleaumua was carried out on the 10th – 19th of February 2019. Results of this pump test showed that a safe yield for this production borehole is 9.21 l/s. <p>Telemetered boreholes remain at 10</p>
Regulatory tools in place and implemented, including policies, abstraction licenses, drilling permits and village by laws	6 new water abstraction licenses	Completed/ Achieved	Two new abstraction licenses issued for the Electric Power Corporation for their hydro power station operations and six new licenses for SWA groundwater abstraction for water supply. Eight licenses renewed for existing water users with expired licenses
Recruitment of Principal Community Engagement Officer and establishment of community extension services within critical watershed areas	Extension services expanded to Lalomauga, Tafua & Falelatai	Completed/ Achieved	
Regular bi-monthly subsector meetings held	Monthly Water Resources Board meetings and bi-monthly sub-sector meetings	Incomplete	No Board meetings have been carried out since the new board members have been confirmed, due to other priorities. There were 4 WRTC meetings carried out to discuss water resource management issues.
Number of Watershed Management Plans (WMPs) implemented and reviewed.	2 New WMPs (Salani, Lalomauga)	Completed/ Achieved	Final Draft WMPs for Lepā and Mali'oli'o are in place. <ul style="list-style-type: none"> The existing composite plan in its initial review has been completed; Draft Contract with GWP Consultancy is being finalized for signing and execution of the development of the new NWRMP.
Percentage of WMPs under implementation (Monitored for compliance)	50%	Completed/ Achieved	Implementation of identified activities under Action plans within WMPs are ongoing and extended.
Cumulative total hectares of prioritised watershed areas rehabilitated and / or declared reserves	20 additional Hectares (282 not 262 under estimated actual)	Completed/ Achieved	Extension of tree planting activity at Afiamalu intake area. The whole land acquired for conservation is government land. Soon to be declared as Water reserve. 500 Seedlings supplied for Mali'oli'o community tree planting. Seedlings dispatched for Two Million activities and they have noted the hectares covered under their planting areas. Exceeded target
Groundwater potentiometric map developed using established monitoring boreholes	25%	Completed/ Achieved	Groundwater data is collected from 27 monitoring boreholes. This informs about 30% of the groundwater potentiometric map. Two new sites have been added for the monitoring of groundwater availability in Samoa by way of Monitoring boreholes as stationed in Faleula and Vaipouli

Output 10: Disaster Management Office			
Performance Indicator	Target	Progress	Comments
Number of response agencies, businesses, and NGOs trained using training toolkit for response agencies and have response plans in place	20 agencies from private sector, response agencies and NGOs trained.	Incomplete	Staff unavailability. Activity was not a priority as 33 agencies were trained in the 17/18 fiscal year.
Number of school's teachers and schools committees trained on disaster preparedness	3 schools teachers and schools committees trained	Completed	4 schools trained and schools committees on disaster preparedness and develop disaster plans

Number of villages that have completed CDCRM and have disaster plans in place	30 village disaster plans completed and tested.	Incomplete	Only 24 villages were covered during this financial year.
Number of awareness campaigns developed and delivered and improved access to risk information	3 awareness campaigns designed and delivered, 1 x database on hazards, vulnerabilities and exposure	Completed	4 quarterly newsletters, 4 multimedia campaign, 24 simulation exercises, 1 video campaign being developed
Fully functional NEOC and DMO staff relocated and working from one facility	New NEOC completed and fully operational and all DMO staff working from one facility	Incomplete	Construction started in February and schedule to complete in April of 2020.
Number of buildings assessed and declared as an evacuation center	20 schools facilities assessed	Completed	20 facilities assessed
100% Multi-Hazard Early Warning System (MHEWS) fully functional when tested (sirens, ERN, SMS, email)	100% MHEWS fully functional when tested	Completed	fully operational ERN / ESN / SMS & emails and tested. MHEWS is now under the ICT and MET Divisions
Number of Sectors with advanced level of integration of DRM	5 out of 14 sectors with advanced level of integration	Completed	7/14 sectors with advance level of DRM integration
Number of risk assessments completed	Two major infrastructure and lifeline services risk assessments completed and 1 national risk standard.	Completed	Conducted four (2) major infrastructure risk assessment

Output 11: Water and Sanitation Sector Coordination Unit				
Output	Performance Measures	Target	Progress	Comments
11.1 Strengthened Sector Governance and Orientation through enhanced sector policy, strategy and planning frameworks				
Implementation of the updated WfL Sector Plan 2016-2020	% of implementation of the updated WfL Sector Plan 2016-2020	75% implementation	Achieved	Implementation of the WfL Sector Plan 16-20 in good progress with implementation progress reported monthly/ bi-monthly/ quarterly in TSC, subsector, JWSSSC meetings.
Updated National Water Services Policy	Review and Update of the National Water Services Policy	Updated National Water Services Policy	In progress	An internal review has determined that the policy is still relevant and will be reviewed in 19/20 in line with the review of the Water for Life Sector plan.
Sector Capacity Building Strategy and Action Plan updated and implemented	Review and Update of the Sector Capacity Building Plan	3 Year Capacity Building Plan in place, (30% implementation of the CBSAP)	Achieved	The Sector's Capacity Building Strategy and Action Plan 2018-2021 has been completed and now implemented through mutual collaborations between the sector and the Public Service Commission (PSC), Oloamanu and the Australian Pacific Training Coalition (APTC). The "sector wide approach" to capacity building has been encouraged. A training on Plan and Policy Development was conducted for the sector within the year by PSC.
MoU between SWA and IWSA endorsed and implemented	Review and update the MoU between SWA and IWSA and have it endorsed	MoU endorsed	95% status of the Review	MoU already in final draft and will be finalised once the National Water Services Policy is reviewed
11.2 Enhanced and sustainable financial mechanisms for sector investments				
Updated sector MTEF report (on annual basis)	Update the sector MTEF in line with approved annual budgets	Updated MTEF 2018-2020 Report	Achieved	Sector MTEF has been updated for FYs2018- 2020 and is reviewed annually incorporating budget changes from MOF. This framework guides the investments forecasts for the sector in the forthcoming years and also reflects the contribution by the government of Samoa into the sector.
Disbursement Request for EU developed and submitted on time	Develop and submit the Disbursement Request Report to EU Office	Disbursement Request Report FY 17/18	Achieved	Disbursement Request Report for FY17/18 has been completed and submitted to MOF for their review and on forwarding to EU. The process includes the

		submitted to EU		consolidation of all relevant KPI reports from the relevant IAs as well as the PFM analysis from MOF.
Investment plans updated in line with budget estimations	Update the Investment Plan and Budget Estimations	Updated Investment Plan 2018-2028	Achieved	A 10 year Sector Long Term Investment Plan as part of its WfL Sector Plan 2016-2020 is already in place and reviewed annually to meet sector changing demands from time to time and ensuring its alignment with annual budgets and proposed priorities from year to year. An updated Sector Investment Plan is already in place for FY18/19.
11.3 Effective sector coordination mechanisms maintained				
Support for the PWWA Office in Samoa	Secure Budget to support the PWWA Office in Samoa	Financial Support for PWWA Office secured	Achieved	A total amount of SAT100, 000 was secured for the PWWA Office and disbursed through a Funding Agreement.
Regularity of JWWSC, TSC and Subsector meetings	Number of sector meetings held per year	50 meetings (100%)	Achieved	More than 80% of the planned meetings were conducted for the sector including TSC, Subsector, JWSSSC, workshops and conferences.
Effective coordination of other sector projects and programs	Successful completion of other relevant sector projects/ programs	Effective Coordination and Management of the Gagaaemau ga 1 Project under the PPCR funding	In progress	Project is in good progress with relevant components of the project on track
11.4 Effective and robust performance monitoring systems operationalized and maintained				
Sector Performance Review	Conduct annual sector performance reviews	11th Annual Review Event conducted	Achieved	11th Annual Water and Sanitation Sector Review was conducted in November 2018
	Publish annual sector reports	10th AR report Published FY16/17	Achieved	The 10th Annual Performance Review Report for the Sector for FY16/17 was launched and published in the 11th AR held in November
Performance Monitoring System updated monthly	Update the Sector's Performance Monitoring System	Monthly updates	Achieved	Timely updates done for the Sector's PMS
Research Initiative programs conducted	Conduct Annual Water and Sanitation Forms	8th Forum Event conducted	Achieved	The 8th National Water and Sanitation Sector Forum was held in conjunction with the 11th AR for the Sector in November 2018
	Consolidate Research Papers and Publish the Journal	3 Research papers conducted to be published in the 5th edition of the Samoa Joint Water and Sanitation Sector Journal	Achieved	2 Researches currently undertaken by Sarona Ponifasio and SROS. One research paper has been re-advertised and was due in 10 June, to be reviewed by the Peer Review Committee.
Independent Biennial Review of WfL Sector Plan conducted	Conduct an Independent Review of the sector every two years in accordance to the sector strategy	Independent Biennial Evaluation FYs 16/17 and 17/18 Report finalised	Achieved	The Sector Biennial Review process for the Water for Life Sector Plan 2016-2020 for the first two implementation periods of FY16/17 and 17/18 is currently under way with 90% of the works completed and contract due by the end of July 2019.

Sector Monitoring Program	Conduct annual sector follow up monitoring programs through site and ground truthing visits	2 follow up monitoring/ site/ ground truthing visits to new sector development sites	Achieved	3 Monitoring visits were carried out within the FY including the EU Donor visit, MDG monitoring and JWSSSC site visits.
11.5 Improved sector communication				
Implementation of the Sector Communication Strategy	Implementation progress of the Sector Communication Strategy	75% implementation rate	Achieved	The Sector's Communication Strategy is continuously implemented through the IAs of the sector especially with the visibility of the works achieved by the sector as well as issues. Promotional materials were disseminated during public consultation programs, school awareness and the commemoration of relevant national events of the sector (National Toilet Day, World Water and Forestry Day, Annual Sector Performance Review etc)
Sector Webpage updated	Upgrade of the Sector Webpage	Upgraded webpage	Achieved	Consistent updates are done to the webpage with articles and reports of sector activities/ programs from time to time.
Issue of Quarterly Newsletters	Number of Quarterly Newsletters issued	4 Newsletters	Achieved	Timely release of sector newsletters
11.6 Improved sector disaster risk management				
Sector Disaster Management Plan reviewed and updated	Review and update of the Sector Disaster Response Plan and Operations Manual	Updated Sector Disaster Management Plan in place	In progress	Following the launch of the National Disaster Management Plan 2017-2021 this year, an initial review done in-house to ensure that the sector's disaster response and preparedness plan in the National Disaster Management Plan 2017-2021 have been sufficiently integrated into the current WfL sector plan 2016-2020 and it has been noted that the mainstreaming process was sufficient. However, the sector will still need to put together an Operations Manual for the implementation of the required emergency response and preparedness activities.
IA Trainings on Disaster Risk Management conducted	Number of IA trainings conducted on Disaster Risk Management	2 trainings conducted	Achieved	Sector IAs participate in some of the DRM trainings and reported back to the sector meetings, however, we still need to conduct relevant DRM trainings for the sector as a whole.
Disaster Response Simulation conducted	Number of Disaster Simulation Exercise conducted for the Sector	1 simulation exercise conducted	Achieved	Sector IAs have been participating in some of drills and simulation exercises conducted by DMO and FESA as well as the SRCS.
11.7 Strengthened policy and planning framework for Rainwater Harvesting programs implemented for the most vulnerable Households				
Most vulnerable households identified having access to water supply through some rainwater harvesting measure	Number of the most vulnerable households identified having access to water supply through some rainwater harvesting measure	100 cumulative vulnerable households	Achieved	The recently established Rainwater Harvesting Subsector under the sector has engaged the rainwater harvesting programs done under the sector implemented by the SRCS and MNRE as well as other rainwater harvesting projects implemented by CSSP. An important work done under this subsector through collaborations with MCIL and MoF as well as rainwater harvesting tank suppliers is the development of water tank standards.
11.8 Strengthened policy and legislative framework to improve Quality of engineering and plumbing services				
Increase in registered plumbers registered	Official list of registered plumbers who have registered	60 cumulative	Achieved	PAS continues to provide registration for plumbers. Under the Capacity Building Strategy for the sector, funds have been committed for APTC to conduct trainings for 12 representatives from the Sector as part of their Plumbing Training Program.
Implementation of the IPES Regulation	IPES Regulation finalised and endorsed	IPES regulation endorsed and	Achieved	Ongoing promotion of the Regulation and implementation by the IPES.

		implem ed		
11.9 Effective Policy and Legislative framework for improved sanitation				
Population with improved access to basic sanitation	Cumulative number of households using alternative onsite wastewater technologies (biogas, nature loos)	5 households	Achieved	More than 5 households benefiting from alternative onsite wastewater technologies implemented within the year which included Biogas projects in Piu and Vaitele and a nature loo project in Aopo Savaii
Commemoration and implementation of the Annual World Sanitation Day	Annual commemoration of the National Sanitation Day	National Sanitation Day 2018	Achieved	The National Sanitation Day 2018 was commemorated in conjunction with the Sector's forum and review in November 2018.
Reviewed National Sanitation Policy	Review of the National Sanitation Policy	Updated National Sanitation Policy	In progress	Information/ Data have been collected for the review of the policy to be done in the next FY
Sludge facilities at Tafaigata and Vaiaata well maintained	Maintaining of sludge facilities	100% maintenance of sludge facilities at Tafaigata and Vaiaata	Achieved	Maintenance of Sludge facilities at Tafaigata and Vaiaata in good progress throughout the year
Public toilets fully operational and compliant with national sanitation/ hygiene guidelines	All public toilets fully operational and compliant	100% fully operational and compliant	Achieved	Renovation done for all 3 main public toilets within the year with continuous maintenance carried out.
Upgraded Public toilets including new facilities	Number of public toilets upgraded including construction of new facilities eg Garden Toilets	3 New Garden Toilets	Achieved	GTs constructed within the year includes garden toilets at Saleaula, Fagafau and Vailima

Output 12: Information and Communication Technology Division			
Performance Indicator	Target	Progress	Comments
Number of Maintenance of Siren and Radio Network	5%	Completed/ Achieved	Ongoing maintenance and support of Emergency Radio and Siren network for Samoa. - Eight (8) site visit completed and support every month by DMO, FESA and Police team. Number of siren in Upoulu is 23 and 12 Radio Network in Savaii test every month.
Number of Maintenance of System, DKIF & WeBsites	1%	Completed/ Achieved	Completed the ongoing maintenance and update of the 11 information systems within the ministry: Website, SOLA/LIDAR, PostFIx (Email), DKIF, Pacific Climate Change Portal (iCLIM), Samoa Environment Portal (Inform Project), GEONode, Telemetry, Access and Benefit Sharing (ABS), Smart PTT Software and Finance One. Daily backup of systems completed.
Number of Maintenance of IT Network	5%	Completed/ Achieved	Completed the ongoing maintenance and operation of 15 servers in the main office: system servers, file servers, Firewall, Active Directory, DNS and Telephone Shystem. 100% of the helpdesk issues resolve. Completed the upgrading of the firewall to the new version. Completed the configuration and installation of the the Antirus (Kaspersky) to the new server.
Number of Maintenance of Co-Location Network	5%	Completed/ Achieved	Ongoing maintenance and operation of the 12 sites: TATTE, MET (Mulinuu/Vaitele), DMO (Post Office/Tuanaimato), Tamaligi, Togitogiga, Tafaigata, Ministers Office and Savaii (Asau, Maota, Vaipouli) . Completed the relocation of the MET office at Post Office using the Bluesky fibre and SNBH.

ANNEX 3: PROJECT MATRIX

Active Projects	Project Objectives and Outcomes	Progress to date
<p>1</p> <p>Project Name: Enhancing Resilience of Coastal Communities to Climate Change - Adaptation Fund (AF) Development</p> <p>Partner: Global Environment Programme (GEF) / United Nations Development Programme (UNDP)</p> <p>Total Funding: USD 8.05Million</p> <p>Timeframe: 2012 - 2018 Implementing Focal Point/ Division: Planning and Urban Management Agency (PUMA)</p> <p>Implementing Partners: LTA, MWCSD, IWSA, CSSP, MNRE - FOR</p> <p>% Delivery rate to date: 98%</p>	<p>Project Objective:</p> <ul style="list-style-type: none"> Reduce vulnerability (and variability) to adverse impacts of climate change at local/national levels <p>Project Outcomes:</p> <ul style="list-style-type: none"> Strengthened awareness and ownership of coastal adaptation and climate risk reduction processes at community and national levels in 25 Districts and 139 villages through gender-sensitive processes; Increase adaptive capacity of coastal communities to adapt to coastal hazards and risk induced by climate change in 25 districts and 139 villages ; Strengthened institutional capacity of government sectors to integrate climate and disaster risk and resilience into coastal management-related policy frameworks, processes and responses; <p>AF Project Target Districts (25):</p> <ol style="list-style-type: none"> Aiga I leTai Alataua West Anoamaa East Anoamaa West Faasaleleaga 1 Faasaleleaga 2 Faasaleleaga 3 Faasaleleaga 4 Falealupo Falelatai & Samatau Gagaemauga 2 Gagaemauga 3 Gagaifomauga 1 Gagaifomauga 2 Lefaga & Faleaseela Palauli le Falefa Safata Salega Satupaitea Siumu Vaa o Fonoti Vaimauga East Vaimauga West Vaisigano 1 Vaisigano 2 	<p>Climate Change Resilient Roads- upgraded</p> <ol style="list-style-type: none"> FusiSaoluaifata (2.4km) Pata Falelatai (2.2km) Mulifanua access (1.1km) Tufutafoe Access road (5.9km) Salelologa Township (Foua Rd 200m & Maota 200m Rd) Mulinuu road (0.42km) Salimu & Musumusu (2.2km) - ONGOING <p>Drainage maintenance works by LTA (2015-2016)</p> <ol style="list-style-type: none"> Zone Laulii, Letogo, Vailele, & Fagalii Zone Town Area - Vaivase Uta, Maagiagi, Lelata <p>Coastline and Flood Protection</p> <ol style="list-style-type: none"> Vaiala Seawall (660m) Saleia protection wall and bridge (1.2km) Manase Wave breakers & beach replenishment Salimu & Musumusu Rd seawall protection- ONGOING <p>Water Supply Enhancement Works (IWSA Sites MWCSD funded via AF)</p> <ol style="list-style-type: none"> Lona water reticulated systems (1.76km) Maasina water reticulated system (1.14km) Lelea Luatuanuu (0.62km) Sili village Savaii (3km)water system upgraded <p>25 District Community Integrated Management Plans completed – next step– submit to Cabinet</p> <ol style="list-style-type: none"> Consultations completed with 25 Districts 140 villages have signed the CIM Plans (AF Districts only) <p>Relocation Planning:</p> <ol style="list-style-type: none"> National Relocation Roadmap 2017 - completed Relocation Handbook - completed Village Hazard Zone Relocation Plans for 15 villages completed: (Savaii) Asaga, Falealupo, Lano, Neiafu, Saleia, Vaisala, Sataua. (Upolu) Matafaa, Apolima, Satuimalufilufi, Laulii, Sauano, Saletele, Salimu, Musumusu <p>Institutional Strengthening</p> <ol style="list-style-type: none"> MNRE functional review 2016 completed Review of National Road Standards via MWTI completed Vaisigano Catchment study completed PUMA Act 2004 & PUMA functional review Fluvial Hazard Mapping completed CIM Plan Development Consultancy - ONGOING <p>1m Tree Planting Campaign</p> <ol style="list-style-type: none"> 14,881 seedlings dispersed and planted 5 Nurseries upgraded and resourced (planting bags, tools- shovels, water tanks, picks etc) for Vailima (FD & DEC nurseries), Togitogiga, Vaipouli, Asau station <p>AF Small village projects through CSSP</p> <ol style="list-style-type: none"> 16 funded projects in Savaii 29 projects funded in Upolu <p>Ranges from water harvestings systems, mangrove/wetland rehabilitation, escape routes, spring pool protection etc</p> <p>Communities trained on Climate Change Risks -over 1000 participants via consultations. Communication and Awareness:</p> <ol style="list-style-type: none"> Materials procured Continuous awareness raising Documentary - ONGOING
<p>2</p> <p>Project Name: Enhancing Climate Resilience of Coastal Resources & Communities (PPCR Project)</p> <p>Development Partner: World Bank</p> <p>Total Funding: USD14.6 Million Timeframe:</p>	<p>Project Objective:</p> <ul style="list-style-type: none"> To support coastal communities to become more resilient to climate variability and change <p>Project Outcomes:</p> <ul style="list-style-type: none"> Implementation of Priority Adaptation Measures to Manage 	<p>Progress:</p> <p>16 District Level Community Integrated Management Plans Completed</p> <ul style="list-style-type: none"> Next step to be endorsed by Cabinet by end of August 2018 <p>Small Village Sub projects (100 Villages) through CSSP as of July 2018</p> <ul style="list-style-type: none"> 24 Village projects Completed 57 village projects are currently on-going 19 village projects are under evaluation

	<p>2013 - 2019 Focal Point: MNRE & MOF Project Management: KVA Consult Implementing Partners: SWA, LTA, MAF, MWTL, MWCS, MOH % Delivery rate to date: 40%</p>	<p>Climate & Disaster-related Threats</p> <ul style="list-style-type: none"> Strengthened Climate Information Services. Institutional strengthening for climate & disaster resilience, project coordination & monitoring <p>Names of 16 Districts:</p> <ol style="list-style-type: none"> Aana Alofi 1 Aana Alofi 2 Aana Alofi 3 Aleipata itupa i lalo Aleipata itupa i luga Falealili Faleata east Faleata west Gagaemauga 1 Gagaifomauga 3 Lepa Lotofaga Palauli East and Tafua tai Palauli West Sagaga le Falefa Sagaga le Usoga 	<p>Large District Level Sub projects (target of 16 district projects or more depending on \$)</p> <ol style="list-style-type: none"> Faleata East – Seese water network implemented by SWA COMPLETED Aana Alofi 1 – Faleasiu piped network implemented by SWA COMPLETED Faleata West – Construction of Toamua Escape Route, implemented by LTA COM- PLETED Aana Alofi 1 – Phase 2 of Faleasiu Network implemented by SWA APPROVED Sagaga le Falefa – ALeisa Network and Pipeline, implemented by SWA, APPROVED Multi-District Project for Palauli West, Gagaifomauga 3, Lotofaga, Aleipata itupa i lalo, Aleipata itupa i luga, Falealili – Climate Resilient Livelihoods through innovative Agriculture, implemented by MAF CROPS APPROVED Multi –District Project for Aana Alofi 3 and Palauli West – Climate resilient Fisheries Project, implemented by MAF FISHERIES APPROVED Lepa – safeguarding Lepa water catchment area, implemented by MWTL and MNRE APPROVED Gagaemauga 1 – Integrated Water Resource Management Project, implemented by MNRE, MWCS, MoH APPROVED Aleipata Itupa i Lalo – Saleaumua Borehole Drilling and Network construction, implemented by SWA UNDER EVALUATION Aleipata itupa i lalo – Samusu culvert upgrade implemented by LTA UNDER EVALUATION Sagaga le usoga – Leopodine Road Pipeline Construction implemented by SWA, UNDER EVALUATION Gagaifomauga 3 – Biosphere Project implemented by MNRE, UNDER EVALUATION Gagaifomauga 3 – Reconstruction and Upgrade of Aopo Culverts implemented by LTA - UNDER EVALUATION Gagaifomauga 3 – Reconstruction and Upgrade of Sasina ford implemented by LTA - UNDER EVALUATION Palauli West – Reconstruction of Foailuga/Satuiatua Access escape route implemented by LTA Gagaifomauga 3 – Reconstruction and Upgrade of Aopo Culverts implemented by LTA - UNDER EVALUATION Falealili – Reconstruction of Siuniu Lifeline Road implemented by LTA, Gagaifomauga 3 – Reconstruction and Upgrade of Aopo Culverts implemented by LTA - UNDER EVALUATION Aana Alofi 2 water supply network SWA, UNDER EVALUATION <p>Strengthened Climate Information Services</p> <ul style="list-style-type: none"> Lidar procured and used Fluvial Hazard Mapping completed A remote server to back up the Lidar Data has been procured as of July 2018. <p>Project Management Services</p> <ul style="list-style-type: none"> Awareness Documentary for PPCR has been developed Maintain and monitor project progress and results
3	<p>Project Name: Strengthening Multi Sector Management of Critical Landscapes (SMSMCL) Project</p> <p>Development Partner: GEF / UNDP</p> <p>Total Funding: USD4.7 Million</p> <p>Timeframe: 2014 - 2019 Responsible Division/Focal Point: Land Management Division Implementing Partners:</p>	<p>Project Outcomes:</p> <ul style="list-style-type: none"> Communities and farmers are able to undertake and benefit from integrated land and water management; Strengthened national enabling environment to promote integrated landscape management through local households and communities; <p>Project sites</p> <ul style="list-style-type: none"> 126 Villages from 13 cluster districts within Upolu, Savaii, Manono and Apolima. Selection of cluster districts was primarily based on the result of the initial assessment of sites that were considered highly impacted by land 	<p>Progress:</p> <p>Sustainable Land Management (SLM) Model Farms</p> <ul style="list-style-type: none"> SLM Model Farms established at Aiga ile Tai, Aufaga, Magiagi, Papauta, Tiavea, Auala, Samusu, Vaimoso, Lalomanu, Aopo, Fogasavaii, Neiafu. This includes the installation of tunnel houses and drip irrigation systems. Fencing materials also provided for Papauta, Tiavea, Samamea, Uafato, Samaitai, Tafua-tai, Sili, Lalomanu, Aufaga, Magiagi, Vaimoso, Tafitoala and Avao Savaii to control pig impacts and further deterioration of soil for village agriculture. Community nurseries set up at Uafato and Tiavea to support forest ecological restoration, agroforestry and sustainable agriculture. Construction of nurseries for Puapua and Aopo Savaii underway. Compost facility for Uafato has been set up with Tiavea provided with a tool shed for safe keeping of equipment and tools for farming. > 4,000 seedlings propagated and raised at the Uafato nursery >2,000 mixed forest and crops seedlings propagated and raised at the Tiavea nursery

	<p>MAF, CSSP, SFA, FFI, WIBDI, METI % Delivery rate to date: 63%</p>	<p>degradation issues but not the electoral districts.</p>	<ul style="list-style-type: none"> • Distribution of seeds and seedlings carried out in support of Project communities and upscaling of Project model farms • Trainings, Workshops, Consultations & Surveys • GIS Phase II Part 1 & 2 Trainings for GIS specialists and Project team undertaken- Rectification of specific Project mapping areas and Use of cloud based mapping systems • Completed national GIS network workshop • Completed Community Based Training on SLM in farming landscape for all 13 district clusters under SMSMCL Project • Completed 5 TOT (Train of Trainers) on SLM and farming landscape and 1 Trainers <p>Refresher training</p> <ul style="list-style-type: none"> • Completed community trainings for Uafato and Tiavea on technical knowledge and understanding of nursery management. • Conducted workshop to validate nursery training manual in partnership with Forestry, DEC and Water Resource • Agroforestry & Woodlot Workshops conducted for Vaimauga and Faleata districts with <p>Forestry Division</p> <ul style="list-style-type: none"> • Sustainable Land Management Consultations with Foga Savaii, Samatai, Tafua tai on development of community SLM Plans • Completed planning workshop with CSO/NGO's on partnership activities <ul style="list-style-type: none"> • Conducted national stakeholders SLM consultative workshop • Completed Stakeholders Gender workshop • Completed national REDD+ consultative workshop • Completed national PES workshop and Magiagi Community PES Pilot consultative workshop • Completed PES Technical team training • Conducted 3 education sector consultative workshops • Conducted pre-survey technical training on Traditional Ecological Knowledge in priority KBA under project • Conducted consultations for the development of SLM plans at: Uafato, Safaatoa, Aopo, Falealupo, Fogasavaii, Tafua, Samataitai, Salani, Samusu, Apolima-tai, Samamea • Completed Traditional Ecological Knowledge survey for KBA sites • Completed Samoa BIORAP surveys for KBA sites • Completed biodiversity survey for Vaipu wetland area • Conducted water quality sampling surveys for Magiagi, Fuluasou, Uafato • Completed KBA Management Plan consultations in Project KBA villages – Falealupo, Uafato Partnerships • Conducted Participatory Rural Appraisals (PRAs) in partnership with MAF. Consultations held with Samamea, Asau & Saleaula Savaii • Signed MOU with MAF and STA for development of National Agri-Tourism Park at Atele • Designed Diploma in Sustainable Agriculture in partnership with NUS • Ecological Restoration • Lanotoo - 1,500 native tree species planted covering 1.5ha <ul style="list-style-type: none"> • Malololelei Bio-Park - 5ha restored • Mt. Vaea – more than 10 ha restored • Forestry Nursery - raised 13,857 mixed native seedlings • Procured 30acres of degraded land at Malololelei for ecological restorative activities • More than 250 community participants employed under ecological restoration activities for Malololelei, Mt. Vaea and Lanotoo and more than 1000 groups including church, communities, schools families and individuals involved in tree planting activities • NGOs/CSOs Project Activities • OLSSI: – review more than 10 SDVP plans of the 26 plans developed under MWCSO
4	<p>Project Name: EDF10 ACP EU Building Safety and Resilience in the Pacific</p> <p>Development Partner: European Union</p> <p>Total Funding: EURO540,000</p> <p>Timeframe: 2014 - 2018</p>	<p>Projective Objective:</p> <ul style="list-style-type: none"> • To reduce vulnerability as well as the social, economic and environmental costs of natural disasters in Samoa 	<p>Progress:</p> <ul style="list-style-type: none"> • Designs for the National Emergency Operation Centre (NEOC) and Search and Rescue (SAR) Facilities in place. • Construction of SAR will be funded under this project, while construction of the NEOC building will be funded under the PREP project. Tender for construction of the NEOC underway. • Signed the MoU to transfer the funds to the • Completed mainstreaming workshops for 11 sectors Mainstreaming of DRM and CC Guideline, DRM National Plan 2017-2020, NDMP 2017-2020, and Legal Review Report of the DEM Act 2007; • The Samoa Emergency Management Alliance workshop, Australasian Inter-service Incident Management Systems Training for emergency services and first response agencies completed;

	<p>Responsible Division/Focal Point: Disaster Management Office (DMO)</p> <p>% Delivery rate to date: 100%</p>		<ul style="list-style-type: none"> Completed Fire Reduction Strategy to facilitate capacity building for emergency services in Samoa on fire investigation, hazardous materials response, SARs, etc and SARs equipment; Planning for implementation of the Effectiveness Survey to find out the level of understanding of the public of DRM based on past awareness program underway. Baseline information from the survey will inform new and future awareness programs.
5	<p>Project Name: Apia Waterfront Development Project</p> <p>Development Partner: New Zealand MFAT</p> <p>Total Funding: SAT1.16 Million</p> <p>Timeframe: 2015 - 2018</p> <p>Responsible Division/Focal Point: Planning and Urban Management Agency (PUMA)</p> <p>Implementing Partner: MWTI</p> <p>% Delivery rate to date: 98%</p>	<p>Project Objective:</p> <ul style="list-style-type: none"> Develop a long term strategic plan for the Apia waterfront. The Plan will then be used to seek/source investments for future developments. 	<p>Progress:</p> <ul style="list-style-type: none"> Launched Waterfront Plan in December 2016. Water quality testing –Ongoing Pilot Interpretive Signage – Completed installation 4 along the waterfront. Standard Design for Rest Areas, outdoor furniture and rubbish bins – Completed Malaefatu Play Space – Ongoing maintenance Started Waterfront Plan implementation: <ol style="list-style-type: none"> Event Space and Clock Tower Boulevard – ground breaking 24 July 2018. Implementing Agency is MWTI, whilst MNRE (PUMA/PMU) has the overall coordination of the waterfront development. GFA with MWTI NZD\$3.4m Friendship Park – Signed the Framework Agreement. Now finalizing construction plans for tender to be done in China. Huizhou currently preparing EIA. Total Budget not yet confirmed Develop Urban Design Standards– Completed and approved by PUMA Board.
6	<p>Project Name: Economy Wide Integration of Climate Change (EWACC) Project</p> <p>Development Partner: GEF / UNDP</p> <p>Total Funding: USD\$12.3 Million</p> <p>Timeframe: 2015 - 2020</p> <p>Responsible Division/Focal Point: GEF / Climate Change</p> <p>% Delivery rate to date: 60.5%</p>	<p>Project Objective:</p> <ul style="list-style-type: none"> To establish an economy-wide approach to climate change adaptation and DRM in Samoa. This approach will support the integration and management of climate change adaptation and DRM within national development planning and programming frameworks, enhancing the resilience of Samoan communities to the expected effects of climate change such as climate induced natural disasters 	<p>Progress:</p> <ul style="list-style-type: none"> Developed “Ridge-to-Reef” Integrated Watershed Management Plan for the Greater Apia Catchment Construction of Revetment Wall - Segment 1, which protects the villages of: o Matau-tu-Tai; Vaisigano; Apia; Faatoia; Leone Construction of Segment 2 – Concrete Flood wall which interface with the EPC pipeline will be financed by the Green Climate Fund (GCF) Vaisigano Catchment Project, protecting the villages of: o Maagao; Malifa; Lelata Implementation of the Community livelihood Initiative in collaboration with the Ministry of Women, Community and Social Development (MWCSD) involving the villages of Auala, Asau, Fagasa, Letui, Papa Sataua, Sataua, Foailuga, Gataivai and Satuiatua in Savaii. For Upolu, the villages of Matautu, Faleasiu, Siumu, Ulutogia, Salelesi, Ulutogia, Tanugamanono and Faleasiu are being targeted. Implementation of the Community Taiala initiative by METI targeting the following villages. For Upolu - Nofolii, Lealali'i Faleasiu, Sapulu Faleasiu, Levi Saleimoa, Lefaga, Maninoa Siumu, Letogo, Vailele, Satitoo Aleipata and Sapunaoa Falealili. For Savaii - Patamea, Malae Faga, Satufia Satupaitea, Sagone and Vaipua.
7	<p>Project Name: Review and Update of the National Implementation Plan (NIP) for Persistent Organic Pollutants (POPs) under the Stockholm Convention</p> <p>Development Partner: Global Environment Facility (GEF)/United Nations Environment Programme (UNEP)</p> <p>Total Funding: USD125,000</p> <p>Timeframe: 2016 - 2018</p> <p>Implementing Focal Point: Division of Environment and Conservation</p> <p>% Delivery rate to date: 50%</p>	<p>Project Objective:</p> <ul style="list-style-type: none"> To review and update the National Implementation Plan (NIP) for POPs 	<p>Progress:</p> <ul style="list-style-type: none"> Inventory completed Legal Review and Mainstreaming of new POPs ongoing with Final Review of the Plan.
8	<p>Project Name: Implementation of Disaster Risk Management in the Pacific</p>	<p>Project Objective:</p> <ul style="list-style-type: none"> This project focuses on strengthening disaster risk management in 	<p>Progress:</p> <ul style="list-style-type: none"> Completed Household Survey in 12 villages under the Community Disaster Climate

	<p>Programme</p> <p>Development Partner: Government of New Zealand's Ministry of Foreign Affairs and Trade and Ministry of Civil Defence and Emergency Management (MFAT & MCDEM Partnership)</p> <p>Total Funding: NZD903,000</p> <p>Timeframe: 2016 - 2019</p> <p>Responsible Division/Focal Point: Disaster Management Office (DMO)</p> <p>% Delivery rate to date: 55%</p>	<p>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> <p>Project Outcome:</p> <ul style="list-style-type: none"> Strengthened disaster risk management across reduction, readiness, response and recovery in targeted Pacific Island countries 	<ul style="list-style-type: none"> Risks Management (CDCRM) Program; CDCRM workshops conducted in Savaia and Lalovi with villages of Fuailolo'o, Apoli-ma-tai and Satuimalulufu to be consulted next; Ongoing maintenance of the Emergency Relief Network) (ERN) and Emergency Siren Network (ESN); Completed one major exercise on PACWAVE involving different sectors, communities and international humanitarian stakeholders, Planning drills for schools along southern coast of Upolu towards end of 2018; Ongoing public awareness programs focussing on hazards and household level preparedness.
9	<p>Project Name: Pacific Risk Tool for Resilience Project</p> <p>Development Partner: New Zealand Ministry of Foreign Affairs and Trade (MFAT) & National Institute of Water and Atmospheric (NIWA) Research</p> <p>Total Funding: NZD113,400</p> <p>Timeframe: 2016 - 2019</p> <p>Responsible Division/Focal Point: Disaster Management Office (DMO)</p> <p>% Delivery rate to date: 80%</p>	<p>Project Objective:</p> <ul style="list-style-type: none"> To improve socio-economic resilience through sound disaster risk management The overarching aim of this project is to tailor or reconstruct the risk and loss modelling software tool called 'RiskScape' for Samoa (and Vanuatu). This software was developed by NZ institutes (NIWA and GNS Science) for NZ and this project aims to tailor the tool so that it could be applied to the local context/situation of Pacific Island Countries (PICs). The tool is able to model or project potential impacts from natural hazards such as damages, economic loss, casualties, reinstatement costs and others. Subsequently, the project aims to equip Samoa (and Vanuatu) with this tool to enable better informed decision-making and development planning to reduce the impacts of natural hazards to Samoa, thus, integrated Disaster Risk Management (DRM). <p>Project Outcome(s):</p> <ul style="list-style-type: none"> Riskscape - system to model exposure to identify potential damages and losses to inform contingency planning and interventions to reduce risks 	<p>Progress:</p> <ul style="list-style-type: none"> Project Coordinator is onboard; Completed identification of case studies for the project; Seven (7) Stakeholder Consultations Workshops have been conducted Basic Intro to DRM & Risk Tools Training conducted Advanced Training to Risk Tools conducted Basic Intro to Data Management Systems Training conducted Advanced Training on Data Management Systems conducted Project Design Plan Document completed Two (2) Literature Reviews for Case Studies completed Two (2) Vulnerability Model Development Reports completed Centralized Database Repository: Samoa Geonode Portal has been set up Data collation and uploading onto Samoa GEONODE Data Repository is ongoing Completion of GEONODE User's Manual Completion of four (4) Case Studies Final Reports Completion of Training of Trainers Manual Conducted Training of Trainers Training Conducted Final Stakeholders Hand-Over Meeting Completion of Project Completion Report RiskScape Tool operationalized
10	<p>Project Name: Fagalii Ridge to Reef (R2R) Project</p> <p>Development Partner: Global Environment Facility (GEF)/Secretariat to the Pacific Community (SPC)</p> <p>Total Funding: USD\$200,000</p> <p>Timeframe: 2016 - 2019</p> <p>Responsible Division/Focal Point: Water Resources Division</p> <p>% Delivery rate to date: 35%</p>	<p>Project Objective:</p> <ul style="list-style-type: none"> The Ridge to Reef (R2R) Project supports 14 Pacific Island Countries in the development of "Ridge to Reef" and "Community to Cabinet" approaches designed to guide the integration of water, land, forest and coastal management required to fashion sustainable futures for island communities. The project also aims to provide support to coordination, capacity building, technical assistance, and monitoring and evaluation for the operation of R2R initiatives. Samoa's International Water R2R project focuses on the Fagalii Watershed given the 	<p>Progress:</p> <ul style="list-style-type: none"> Completed the Project Inception Workshop and inception report on 1st November 2017. Fagalii Community Committee established. Final Draft of the Fagalii Watershed Management Plan in place and to be endorsed, translated and published. Educational and Awareness Programs ongoing. With school visits completed for Vaimauga College, Letogo-Vailele Primary Schools and Fagalii Primary School Replanting/rehabilitation of identified areas. Fagalii Reserve maintenance ongoing Water quality testings ongoing with NUS. Awareness materials developed for branding and visibility purposes. Waste management activities undertaken including education awareness and instalment of 20 community rubbish stands. P3D model completed. Technical assistance to Fagalii's proposals to: <ol style="list-style-type: none"> CSSP SGP

		many issues facing water quality for drinking water and also the receiving coastal waters.	3. JICA for Biologs
11	<p>Project Name: Mt Vaea Ecosystem Resilience and Restoration Project</p> <p>Development Partner: GEF/UNDP (SMSMCL)</p> <p>Total Funding: As approved under the SMSMCL Project</p> <p>Timeframe: 2016 - 2019</p> <p>Implementing Focal Point: Division of Environment & Conservation</p> <p>% Delivery rate to date: 90%</p>	<p>Projective Objective:</p> <ul style="list-style-type: none"> •To restore Mt. Vaea Ecosystem 	<p>Progress</p> <ul style="list-style-type: none"> • Since 2014 when restoration works started on Mt Vaea, today we have replanted a total of twenty four hectares (24ha) out of the seventy nine (79ha) hectares for the project site. • Ongoing community engagement works, hiring community members to assist with re- planting efforts. • Mt Vaea loop trail works currently underway with assistance from the VSA volunteer program – hiring Mr Chris Barnes from NZ as the Trail Adviser. • Ongoing funding support from SMSMCL project to continue project activities.
12	<p>Project Name: Pacific Resilience Program (PRP)</p> <p>Development Partner: World Bank</p> <p>Total Funding: USD\$13.79 Million</p> <p>Timeframe: 2016 - 2020</p> <p>Responsible Division/Focal Point: Disaster Management Office (DMO)</p> <p>Implementing Partners:</p> <p>% Delivery rate to date: 40%</p>	<p>Project Objective:</p> <ul style="list-style-type: none"> • •To strengthen early warning, resilient investments and financial protection of Samoa <p>Project Outcomes:</p> <ul style="list-style-type: none"> • Strengthening Early Warning and Preparedness. • Risk Reduction and Resilient Investments • Disaster Risk Financing 	<p>Progress:</p> <p>a) Procurement of Goods</p> <ul style="list-style-type: none"> • Stockpile of chainsaws, ropes, water tanks (10k L) - completed • Global Systems for Mobile (GSM) connection for 18 rainfall and 16 hydrological sub stations - completed • Server - 95% completed <p>b) Procurement of Services:</p> <ul style="list-style-type: none"> • Review and upgrade 3 Automatic Weather Stations and Lighting Detection Station (completed) • Conduct utility survey and improve on Met Office services and products • Undertake stock take of all climate change and disaster related projects including CIM Plans to determine implementation gaps and develop a revised Climate Resilience Investment Plan for Government; • Review disaster risk financing mechanisms, develop new ones and build capacity of stakeholders; • Design and supervise extension of the seismic operation centre at Mulinuu (underway); • Upgrade rain gauges and bore hole monitoring equipment (INSTALLTION IN PRO- GRESS); • Assess schools in Taelafaga & Uafato and Neiafu to inform retrofitting of schools; • Review and design upgrades to the seismic network to enable monitoring of volcanic activities (tender in progress) • Build the national emergency operation centre at Tuanaimato (Tender in progress) • System Integrator to review observation networks, communication and Met/DMO/ WRD services and products
13	<p>Project Name: Humpback Whale Project</p> <p>Development Partner: Commonwealth Australia</p> <p>Total Funding: SAT11,850</p> <p>Timeframe: 2017 - 2018</p> <p>Responsible Division/Focal Point: Division of Environment and Conservation</p> <p>% Delivery rate to date: 100%</p>	<p>Project Objective:</p> <ul style="list-style-type: none"> •To facilitate awareness and capacity building activities as well as monitoring survey for cetaceans to commemorate and celebrate the Year-of-the-Whale 	<p>Progress:</p> <ul style="list-style-type: none"> • Whale Survey completed, covering the Southern Coast of Upolu • Whale Stranding Training Workshop completed for staff of the Marine Section facilitated by SPREP • Conducting whale survey capacity building presentation completed for staff of the Marine Section
14	<p>Project Name: Access to Benefit Sharing (ABS) Project</p> <p>Development Partner: GEF - UNDP</p> <p>Total Funding: USD350,000</p>	<p>Project Objectives:</p> <ul style="list-style-type: none"> • Strengthening human resources, legal frameworks and institutional capacities to implement the Nagoya Protocol. <p>Project Outcomes:</p> <ul style="list-style-type: none"> • Strengthening the legal, policy and institutional capacity to 	<p>Progress:</p> <ul style="list-style-type: none"> • Recruitment of Technical consultant for Traditional Knowledge associated with Genetic Resources, Bio discovery Projects, ABS and TK database, and ABS Communication. • Conducted one on one meeting with key stakeholders for ABS. • Developed a draft analysis report for Traditional Knowledge associated with Genetic Resources (TKAGR). • Developed a draft TKAGR guideline.

	<p>Timeframe: 2017 - 2019</p> <p>Responsible Division/Focal Point: Division of Environment & Conservation</p> <p>% Delivery rate to date: 80%</p>	<p>develop national ABS frameworks.</p> <ul style="list-style-type: none"> • Building trust between users and providers of genetic resources to facilitate the identification of bio-discovery efforts. • Strengthening the capacity of indigenous and local communities to contribute to the implementation of the Nagoya Protocol 	<ul style="list-style-type: none"> • Developed a draft Access and Benefit Sharing and Traditional Knowledge database. • Conducted two stakeholders' consultations for TKAGR Guidelines and TKAGR analysis, ABS database, and the Bio-discovery Project. • Conducted a community consultation with Faleaseela village to facilitate the development of Community Protocols for ABS. • Official launching of Samoa's Bio-discovery case studies during the 14th COP of the CBD on December, 2018 in Egypt. • Developed a draft Communications, Outreach & Knowledge Management Strategy for ABS. • Prepared a final ABS legal framework. • Developed a draft ABS branding for Samoa. • Developed ABS awareness materials such as the brochure, information sheet, and ABS video.
15	<p>Project Name: Preparation of the Interim National Report on the Implementation of the Nagoya Protocol in Samoa</p> <p>Development Partner: Global Environment Facility (GEF)</p> <p>Total Funding: USD 20,000</p> <p>Timeframe: 2017 - 2019</p> <p>Responsible Division/Focal Point: Division of Environment & Conservation</p> <p>% Delivery rate to date: 5%</p>	<p>Project Objective:</p> <ul style="list-style-type: none"> •To develop Samoa's National Report on the implementation of the Nagoya Protocol 	<p>Progress:</p> <ul style="list-style-type: none"> • Procurement of the consultant to develop Samoa's National Interim Report • Completed one on one meeting with key stakeholders to collect data and information for the development of the report. • Developed the first draft National interim report. • Conducted a stakeholder's consultation for the first draft National interim report on the implementation of the Nagoya Protocol in Samoa. • Developed a second draft report based on the feedback provided by stakeholders and the consultants under the Global ABS project. • Prepared and designed a final National Interim report. • Submitted Samoa's National Interim Report to the Secretariat of the Convention on Biological Diversity and is available on the CBD website.
16	<p>Project Name: Continuing Regional Support for the Persistent Organic Pollutants (POPs) Global Monitoring Plan (GMP2) under the Stockholm Convention in the Pacific Region</p> <p>Development Partner: Stockholm Convention GEF/UNEP</p> <p>Total Funding: USD72,000</p> <p>Timeframe: 2017 - 2019</p> <p>Implementing Focal Point: Division of Environment and Conservation</p> <p>% Delivery rate to date: 50%</p>	<p>Project Objective:</p> <ul style="list-style-type: none"> •On-going monitoring - project sites where air, water and human milk samples are collected. 	<p>Progress:</p> <ul style="list-style-type: none"> • Monitoring the following sites: • Vaisigano River – Water samples • Afiamalu Area – air samples • Motootua Hospital – human milk • First samples have been collected and ship for POPs analysis at Certified laboratories in UK
17	<p>Project Name: Malololelei Pest Management</p> <p>Development Partner: Auckland Zoo Public Development Conservation Trust PeIGAR International, UK</p> <p>Total Funding: SAT43,000</p> <p>Timeframe: 2017 - 2020</p> <p>% Delivery rate to date: 100%</p>	<p>Project Objective:</p> <ul style="list-style-type: none"> •To implement pest management program for Malololelei 	<p>Progress:</p> <ul style="list-style-type: none"> • Operational Plan finalized for signing • Completed six months progress report to Public Development Conservation Trust (co-finance) • Completed educational tour for the Regional Workshop on Protected Area Management participants hosted by SPREP. • Completed submission for Malololelei Reserve to be used as a Case Study for IUCN Guideline for Private owned lands and a joint managed PA with MNRE. • Completed three documentary videos for the project in collaboration with Auckland Zoo • Submitted proposal for feral cat management to Darwin Initiative for funding through Durrell Institute. • Ongoing work to monitor bait stations – bi-weekly program. • Completed school awareness program with Auckland Zoo in August 2018. • Continue working collaboration with partners i.e. AZ, BBL and SCS on project activities implementation • Malololelei Reserve published in the IUCN Guideline for effective privately owned Protected Area • Complete in-house training for Pest Management project result's map

			<ul style="list-style-type: none"> No cost extension for project timeframe from 2018 to June 2020 approved by PDCT to enable project funds to expend with assisting funds from Auckland Zoo.mt
18	<p>Project Name: Policy development, coastal topography survey and capacity building for the coastal disaster damage reduce in Samoa</p> <p>Development Partner: EXPO YEOSU Korea Foundation Total Funding: SAT26,863 Timeframe: 2017 – 2021 % Delivery rate to date: 75%</p>	<p>Project Objective:</p> <ul style="list-style-type: none"> Continuous monitoring to update the status of Marine Protected Areas (MPAs): Conduct monitoring surveys for Aleipata and Safata MPA and Palolo Deep Marine Reserve; Conduct turtle nesting surveys at specify sites at MPA and other potential areas in Upolu and Savaii 	<p>Progress:</p> <ul style="list-style-type: none"> 2nd turtle nesting monitoring completed for Falealupo Workshop was hosted for Falealupo community to present the results of the survey in 2018, raise awareness on turtles as well as the Marine Wildlife Protection Amendment Regulations 2018 One (1) monitoring surveys completed for Palolo Deep
19	<p>Project Name: Improving Performance and Reliability of Renewable Energy Power Systems in Samoa (IMPRESS) Project</p> <p>Development Partner: GEF/UNDP Total</p> <p>Funding: USDS\$6,076 Million</p> <p>Timeframe: 2017 - 2022 Responsible Division/Focal Point: Renewable Energy Division % Delivery rate to date: 45%</p>	<p>Project Objective:</p> <ul style="list-style-type: none"> Improved sustainable and cost-effective utilization of indigenous renewable energy resources for energy production in Samoa <p>Project Outcomes:</p> <ul style="list-style-type: none"> Enforcement of clear and consistent policies and regulations that are supportive of the development and implementation of RE-based power generation in support of national economic development Enhanced operating performance and reliability of RE power systems (generation and distribution) in major islands Increased application of biomass-based energy for power and non-power uses Increased application of power system performance and reliability enhancement technologies Improved availability of, and access to, financing for electricity DSM, power/non-power RE application and electricity system performance improvement projects GoS & financial sector providing financing for EE, and productive uses of RE Increased demand and utilization of RE for productive and social uses i) Improved awareness about RE and EE technology applications to support national economic development <p>Project Sites:</p> <ul style="list-style-type: none"> 750kW Biomass Gasification Plant will be located at the Afolau, Mulifanua - STEC Land Proposed Community/Household Biogas Sites o Salua village- Manono, o Saasaai village- Savaii, o Mapuifagalele, o New Prison @ Tanumalala, o Palauli- Savaii, o Asau – Savaii 	<p>Progress:</p> <ul style="list-style-type: none"> National Greenhouse Gas Abatement Strategy currently under review Energy audit for MNRE Offices in Savaii completed Procurement of solar street lights - retendered (3 times), due 6th August EPC has approved the use of 300 electric poles/posts for solar lights Eligibility criteria for disbursement of solar lights developed by MNRE. More than 100 requests for solar lights have been received Afolau Biomass Gasification Plant and Land Preparation Completed site visits for Manono Island and Saasaai village for the selected household/community biogas sites Productive & Social Uses of Renewable Energy - YEP Final report – IMPRESS will use findings and information from the Youth Employment Program (YEP), Samoa Business Incubator (SBI) initiatives and from the Samoa Women Shaping Development Program (funded by DFAT) to develop productive and social uses of renewable energy. It will build on financial models that already exist.

20	<p>Project Name: Climate and Ocean Support Programme for the Pacific (COSPPac)</p> <p>Development Partner: Australian Government (Department of Foreign Affairs and Trade - DFAT)</p> <p>Total Funding: AUD21 Million Timeframe: 2018 - 2022 Responsible Division/Focal Point: Meteorology % Delivery rate to date: 5%</p>	<p>Project Objective:</p> <ul style="list-style-type: none"> To enhance the capacity of Pacific Islands to manage and mitigate the impacts of climate variability and tidal events to build tools that can forecast and report on climate tides and ocean and how best to communicate this information to communities, businesses and the Government 	<p>Progress:</p> <ul style="list-style-type: none"> COSPPac phase 1, completed in June 2018, July start of COSPPac phase 2 a component of Australian Pacific Climate Change Adaptation Project (APCAPP) in the region
21	<p>Project Name: Integrated Flood Management to Enhance Climate Resilience of the Vaisigano River Catchment in Samoa</p> <p>Specific MNRE Component: GCF - Output 2.2 - Implement ecosystem responses upstream for decreased flows during extreme weather events</p> <p>Development Partner: Green Climate Fund (GCF) / UNDP Total Funding: USD\$8 Million Timeframe: 2017 - 2022 Responsible Division/Focal Point: Environment Sector Coordination Division, Water Resources Division, Land Management, Forestry Division, Climate Change/GEF Implementing Partners: MAF, MWCSO, MCIL, MOF, CSSP, SBEC % Delivery rate to date: 17%</p>	<p>Activity 2.2 Objective:</p> <ul style="list-style-type: none"> Implement ecosystem responses upstream for decreased flows during extreme weather events 	<p>Progress:</p> <ul style="list-style-type: none"> Developed Operational Manual for Activity 2.2 which will be implemented in 3 schemes: <ul style="list-style-type: none"> Cash for work/green jobs; Payment for Ecosystem Services (PES); and Business Enterprises. Final consultations with key implementing partners namely MAF, MWCSO, MCIL, CSSP and SBEC are being held to finalise arrangements for operationalising the Manual. Feedback from UNDP - Bangkok and the Green Climate Fund Secretariat will finalise the Manual and implementation should kick off towards end of 2018 to early 2019.
22	<p>Project Name: Gagaifomauga - Enhancing resilience of upper catchment area and upland central Savaii forest ecosystem to sustain the natural habitats pristine KBA (key biodiversity area) and support community livelihoods</p> <p>Development Partner: World Bank (PPCR) Total Funding: SAT573,000 Timeframe: 2018 - 2020 Implementing Focal Point: Division of Environment & Conservation % Delivery rate to date: 5%</p>	<p>Project Objective:</p> <ul style="list-style-type: none"> To enhance resilience of upper catchment area and upland central Savaii forest ecosystem to sustain natural habitats (key biodiversity areas) and support community livelihoods. 	<p>Progress:</p> <ul style="list-style-type: none"> Submitted proposal to MOF for funding under PPCR to implement sub-district project. Completed two community consultations to gain consent from the communities for the project to proceed. Awaiting approval and release of funds as per proposal request to implement activities for Gagaifomauga. Met with SCS to update on the status of Contract and the status of MoA with Aopo. Also discuss progress works with BIORAP work plan and implementation. All is underway and in progress however awaiting confirmation of agreement from Aopo to start.
23	<p>Project Name: Japanese Technical Cooperation Project for Promotion of Regional Initiatives on Solid Waste Management in Pacific Island Countries (J-PRISM II)</p> <p>Development Partner: Japan International Cooperation Agency (JICA)</p>	<p>Project Objective:</p> <ul style="list-style-type: none"> To improve solid waste management 	<p>Progress:</p> <ul style="list-style-type: none"> Development of the National Waste Management Strategy. Waste Audit 2017 has been completed (composition and generation rate identified that the generation rate has been increased by 20% compare to the similar survey conducted in 2011. Time and Motion survey has been completed (mapping of each zones was implemented which highlighted that there are issues regarding to improper discharge of household wastes on waste shelves) Legislation review has been completed identifying the function of the Ministry in waste management.

	<p>Total Funding: Provision of capacity building initiatives (technical cooperation) Timeframe: Ongoing Implementing Focal Point: Division of Environment & Conservation % Delivery rate to date: 80%</p>		<ul style="list-style-type: none"> • Consultations completed on the draft Strategy where feedback from Government agencies, Private sector and communities are collated to be incorporated in the Strategy. • Banning on Single Use Plastics • A task force has been selected to work on this initiative and came up with different plastic items to be banned • In reference to the FK 18 Faapitua 12 clearly emphasized the urgency of this task given a three month period for the Ministry to complete the task • Consultations with Government agencies, Private Sector (business sector) and community (2 for Upolu and 2 for Savaii) have been completed. • Needed more discussions with the Custom Services of the Ministry for Revenue to further discuss issues raised during the consultations • A policy paper has been developed and finalized and will be submitted to Cabinet for endorsement • The Legal Division is now on the phase of drafting regulations in collaboration with the Office of the Attorney General • This initiative is part of the collaboration between the Ministry, SPREP and J-PRISM II project.
24	<p>Ozone Project - Protection of the Ozone Layer Development Partner: UN Environment Programme Total Funding: USD\$70K per year Timeframe: Ongoing Responsible Division/Focal Point: Meteorology Division Delivery percentage: 90%</p>	<p>Project Objective: • Phasing out of Ozone Depleting Substance in refrigeration and air conditioning</p>	<p>Progress: a) Implementing Phase IX of the Institutional Strengthening Program since June 2018. ISP funding is USD\$85000 renewable every two years. b) Activities under the Hydro-chlorofluorocarbons Phase out Plan (HPMP) Stage 1, Tranche 2 are progressing positively; total funding for this Tranche 2 is USD 57,400. c) Preparation of HPMP Stage 2 recently being approved. Samoa ratified the Kigali Amendment on Hydro-fluorocarbons (HFC) Phasedown on 23 March 2018 and the Enabling Activities Project for the Kigali Implementation has been approved with funding of USD 50,000. Samoa is in compliance with all obligations under the Montreal Protocol on substances that deplete the Ozone Layer.</p> <ul style="list-style-type: none"> • Phased out 70% of ozone depleting substances with total consumption of • 1,3464mt in 2017. (Baseline of 4.6mt). • Ozone Depleting Substances Alternative Survey completed • Refrigeration and Air Conditioning Assessment completed • National Ozone Committee meets at a quarterly basis • Continuous collaboration between the Ministry and the Samoa Refrigeration • Engineers Association • Continuous Awareness Programs • Customs training on ODS monitoring on-going • Training of RAC technicians on-going Review of the Ozone Layer Protection Regulations 2006 in the process
25	<p>Project Name: Development of Samoa's Sixth National Report to Convention on Biological Diversity (CBD). Development Partner: Global Environment Facility (GEF) Total Funding: USD\$100,000 Timeframe: 2018 - 2019 Responsible Division/Focal Point: Environment and Conservation Division % Delivery rate to date: 5%</p>	<p>Project Objectives: • Assessment of progress towards each ABT and/or national equivalent. Production and submission of 6th National Report</p>	<p>Progress: • Procurement of consultant to develop Samoa's 6th National Report underway. • Completed one on one meeting with stakeholders to collect data and information to facilitate the development of the first draft 6NR. • Conducted three (3) stakeholders consultation for the preparation of the 6NR. • Completed three (3) Steering committee meetings with key relevant stakeholders to provide update on the development of the 6NR. • Conducted a validation workshop with key relevant stakeholders. • Developed Samoa's Sixth National Report to the CBD Summary for Decision Makers in which Samoa has presented during the 14th Conference of the Parties (COP) of the Convention on Biological Diversity (CBD) in Egypt. • Prepared a presentation on spatial information for Samoa's 6NR during the 14th COP of CBD. • Submitted a final draft 6NR to the UNDP for their technical review. • Prepare and designed a finalised 6NR and submitted it MFAT for official submission to the CBD secretariat</p>
26	<p>Project Name: Development of Samoa's Seventh Report to the United Nations Convention to Combat Desertification (UNCCD) Development Partner: GEF-UNEP Total Funding: USD70,000.00</p>	<p>Project Objective • To monitor progress made in the implementation of the 2018 - 2030 Strategic Framework • Helps equipped the Conference of the Parties (COP) with necessary knowledge to enable</p>	<p>Progress • Currently undertaking development of Samoa's Report</p>

	<p>Timeframe: 2017-2018</p> <p>Responsible Division/Focal Point: Land Management Division</p> <p>% Delivery rate to date: 70%</p>	<p>them adopt targeted decisions and guidance that is more focused and oriented in supporting the effective achievement of the five key Strategic Objectives</p> <ul style="list-style-type: none"> • Such knowledge is valuable also for Parties and country Stakeholders that work on the implementation of the UNCCD at the national and local levels. 	
27	<p>Project Name: Development of National Waste Management Strategy 2019 – 2023</p> <p>Development Partner:: JPRISM II</p> <p>Funding: NA</p> <p>Timeframe: 2019-2019</p> <p>Responsible Division/Focal Point:-Environment & Conservation Division</p> <p>% Delivery rate to date: 100%</p>		<p>The National Waste Management Strategy was developed through consultations and endorsed by Cabinet in January 2019 and was officially launched during the Environment Week 2019.</p>

ANNEX 4: LEGISLATIVE & POLICY MANDATES

Legislation		National Policy		Regulations	
1	Alienation of Customary Land Act 1965	1	Cultural & Natural Heritage & Conservation Policy 2000	1	Building Alignment Ordinance 1932
2	Alienation of Freehold Land Act 1972	2	Integration of Climate Change Risk and Resilience into Forestry Management (ICCRIFS) 2011-2015	2	Environmental Impact Assessment Regulation 2007
3	Building Alignment Ordinance 1932	3	National Chemical & Hazardous Waste Management Policy 2012	3	Forestry Management Regulation 2015 (final draft)
4	Customary Land Advisory Commission Act 2013	4	National Drought Policy (Tendered Documents-Yet to be finalized)	4	Land Titles Registration Regulation 2009
5	Disaster & Emergency Management Act 2007	5	National Energy Policy 2007	5	Main Roads Development Act 1972
6	Forestry Management Act 2011	6	National Forestry Policy 2007	6	Marine Pollution Prevention Act 2008
7	Land for Foreign Purposes Act 1992/93	7	National Invasive Species Action Plan	7	Marine Protected Areas (MPA) By-Laws 2007
8	Land Titles Investigation Act 1966	8	National Policy for Licensing Surveyors 1999	8	Marine Wildlife Protection Regulation 2009
9	Land Titles Registration Act 2008	9	National Sanitation Policy 2009	9	Planning and Urban Management (Development Consent Application and Fees) Regulations 2008
10	Land Valuation Act 2010	10	National Sanitation Policy 2010	10	Planning and Urban Management (Environment Impact Assessment) Regulations 2007
11	Lands, Survey & Environment Act 1989	11	National Urban Policy 2013	11	Plastic Bag Prohibition on Importation Amendment Regulation 2013
12	Mt. Vaea Scenic Reserve & Mt. Vaea Scenic Reserve Ordinance 1958 + Amendments	12	National Waste Management Policy 2001	12	Property and Laws Act 1952
13	National Parks and Reserves Act 1974 (al- ready incorporated in EMC Bill)	13	National Water Resource Management Policy 2010	13	Protection of the Ozone Regulation 2006
14	Spatial Information Agency Act 2010	14	National Water Services Policy 2010	14	Protection of Wildlife Regulation 2004
15	Survey Act 2010	15	National WRM Policy 2009	15	Survey Regulations 2011
16	Taking of Land Act 1964	16	Renewable Energy and Energy Efficiency Policy Framework 2016	16	Unit Titles Act 2010
17	Unit Titles Act 2010	17	The National Upland Watershed Conservation Policy (NUWCP) 2015.	17	Unit Titles Regulation 2014
18	Waste Management Act 2010	18	Water Allocation Policy 2013	18	Water Resource Licensing Regulation 2013
19	Water Resources Management Act 2008	19	Water for Life: Water & Sanitation Sector Plan for 2012-2016	19	Water Resources Management 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

ANNEX 5: ASSET REGISTER -MNRE

Table 1: Summary of Asset

Category Description	No. of Assets	Total Cost
Furniture & Fittings	24	43,378.88
Office Equipment	97	573,484.12
Computer Equipment	55	339,594.14
Motor Vehicles	1	106,000.00
Musical Equipment	1	580.00
Plant & Equipment	13	37,097.80
Total Value		1,100,134.94

Furniture & Fittings (24 Assets)		43,378.88		
Asset Number	Asset Description	Current Cost	Acquisition Date	Asset Location
NE-003655	30 Tramontina Cupeline White Chair (\$150 ea)	4,500.00	19-07-2018	DMO Office- Post Office
NE-003663	3 Buro Chair (\$650 per Chair)	1,950.00	10-08-2018	TATTE-Water Sector Division
NE-003664	3 Office Desk (\$765.21 per Desk)	2,295.63	10-08-2018	TATTE-Water Sector Division
NE-003670	Sign Board Forestry Division	2,229.75	21-08-2018	Forestry Division Vailima
NE-003675	2 Emerge Mobile 3 Drawer (\$550 per Drawer)	550.00	13-09-2018	TATTE- Level 1/ GCF Staff
NE-003698	Whiteboard Lacquered 1200*1500	632.50	22-11-2018	TATTE- IMPRESS Project
NE-003712	3 Seater Recliner	2,999.00	04-12-2018	TATTE- ACEO GEF
NE-003718	KITCHEN PRO 10L STAINLES URN	470.00	31-01-2019	TATTE- Level 3
NE-003741	L SHAPE DESK 1800MM	750.00	28-02-2019	Vailima- WRD
NE-003742	4 METAL CABINET- LOCKABLE 4 (\$745 ea)	2,980.00	28-02-2019	Vailima- WRD
NE-003743	RECEPTION DESK 1800MM	920.00	28-02-2019	Vailima- WRD
NE-003744	CONFERENCE TABLE OVAL 24X12	980.00	28-02-2019	Vailima- WRD
NE-003763	Emerge L Shape Desk 1800*1800	980.00	10-04-2019	TATTE- ICT Division
NE-003770	Whiteboard Lacquered 900*900	270.00	27-05-2019	TATTE- IMPRESS Project
NE-003780	5 DESK MOUNTED PARTITIONS 1200MM (\$599ea)	2,995.00	10-06-2019	TATTE- GEF/ EWACC Project
NE-003781	5 DESK MOUNTED PARTITIONS 600MM (\$499 ea)	2,495.00	10-06-2019	TATTE- GEF/ EWACC Project
NE-003782	Buro SSAB Sam with arms	950.00	10-06-2019	TATTE- GEF/ EWACC Project
NE-003783	5 BURO BRIO II CHAIR (\$750 per chair)	3,750.00	10-06-2019	TATTE- GEF/ EWACC Project
NE-003784	5 Levanto Executive Chairs Black (\$1320 per chair)	6,600.00	13-06-2019	TATTE- ICT Division
NE-003814	Emerge L Shape Desk 1500mm x 1500mm	899.00	18-06-2019	FMFM11- Minister Office
NE-003815	Emerge Straightline Desk 1200/ Attached	650.00	18-06-2019	FMFM11- Minister Office
NE-003816	Buro image no arms	499.00	18-06-2019	FMFM11- Minister Office
NE-003838	18 CHAIR PLASTIC PIPEE- WHITE BBL (\$38 ea)	684.00	14-06-2019	TATTE- Technical Division
NE-003841	Buro Chief Sam Chair	1,350.00	14-06-2019	TATTE- Water Sector Division

Office Equipment (97 Assets)		573,484.12		
Asset Number	Asset Description	Current Cost	Acquisition Date	Asset Location
NE-003656	HP Pro 477 MFP PLC Printer	1,245.00	17-07-2018	DMO Offices- Post Office
NE-003665	Cabinet files	850.00	10-08-2018	TATTE Water Sector Division
NE-003676	4 Drawers Filing Cabinet HDK-F04	650.00	13-09-2018	TATTE- Level 1/ GCF Project
NE-003677	HP PAGE WIDE PRO MFP577DW PRINTER	1,399.00	03-10-2018	TAMALIGI- Assc Minister
NE-003679	HP DESKJET 2620 ALL IN ONE PRINTER	135.00	08-10-2018	Corporate Services Division
NE-003681	CANON EOS 800D CAMERA (Extra Lens \$1,099)	4,849.00	26-10-2018	TATTE Level 1 GCF Project
NE-003685	IGLOO MARINE BREEZE COOLER	1,040.00	08-10-2018	WRD Vailima
NE-003688	WHITEBOARD 1200X1800 WITH STAND	1,260.00	21-11-2018	TATTE- R2R Project
NE-003689	HP PRO 7740 PRINTER	999.00	28-11-2018	TATTE- CEO Office
NE-003690	IGLOO SPORT ROLLER COOLER	195.00	27-11-2018	DEC Office- Vailima
NE-003691	SEAGATE EXPANSION 1TB HDD	349.00	29-11-2018	ACEO Forestry Division

NE-003696	Competitive Tradeln WG Firebox M570	20,217.00	27-11-2018	TATTE- ICT Division
NE-003697	3years Total Security Suite for Firebox M570	36,360.00	27-11-2018	TATTE- ICT Division
NE-003699	SEAGATE 2TB PORTABLE HDD	517.50	22-11-2018	TATTE- IMPRESS Project
NE-003700	NANON EOS 700D CAMERA LENS	1,263.85	22-11-2018	TATTE- IMPRESS Project
NE-003701	EPSON EB-S140 DATA PROJECTOR	1,550.00	07-12-2018	DMO- POST OFFICE
NE-003702	Projector Tripod Screen	750.00	07-12-2018	DMO- POST OFFICE
NE-003703	PHILIPS CORDLESS PHONE	120.00	30-11-2018	TATTE- R2R Project
NE-003704	Kettle Stainless Steel	101.20	12-11-2018	Tamaligi- EWACC Project
NE-003705	2 Rapid Silver Staple Gun R23 (\$170.77 per Staple)	341.54	12-11-2018	Tamaligi- EWACC Project
NE-003706	2 Heavy Duty Stapler (\$112.70 per stapler)	225.40	12-11-2018	Tamaligi- EWACC Project
NE-003707	Punch UFO 40 Sheet (\$57.38 per punch)	114.76	12-11-2018	Tamaligi- EWACC Project
NE-003708	PANASONIC DIGITAL CAMERA	1,299.00	30-11-2018	PUMA Waterfront Project
NE-003709	EPSON EB-S140 DATA PROJECTOR	1,699.00	10-12-2018	TATTE- Forestry Division
NE-003710	2 Door Glass Cabinet	1,520.00	11-12-2018	TATTE- R2R Project
NE-003711	TASKALFA TA-6052ci WITH FINISHER	44,000.00	16-10-2018	TATTE- Level 1/ GCF Project
NE-003713	HP PAGEWIDE MANAGED COLOR MFP E77650	33,000.00	16-01-2019	TATTE- CSD
NE-003719	JASTEK PINNACLE CHAIR BLK	750.00	31-01-2019	TATTE- Level 3
NE-003720	PUMP JET ARETA ECOLINE 0.5hp	913.00	21-01-2019	Eleele Fou
NE-003721	2 24 port CAT6 RJ45 110 Network Ethernet Rack Mount 1U 1RU(\$433.91 per 24 port)	867.83	01-02-2019	DMO- Post Office
NE-003722	12U 500mm Deep Wall Mount Cabinet Rack, Glass Door W/lock, Black.	1,651.30	01-02-2019	DMO- Post Office
NE-003723	107 TLC (Temp/Level/Conductivity) MeterLM3/150	14,799.00	15-02-2019	TATTE- Water Resource Div
NE-003725	5 SSABVICTORIAN STANDARD DESK (\$650 ea)	3,250.00	19-02-2019	TATTE- GEF DIVISION
NE-003726	HP LaserJet M281FHP Pro M281FDW Printer	1,250.00	19-02-2019	TATTE- ACEO GEF
NE-003727	4 Cabinet Filed (\$850 per cabinet)	3,400.00	02-03-2019	DMO- Post Office
NE-003728	GBC A4 FUSION 3000L LAMINATOR	1,200.00	02-03-2019	DMO- Post Office
NE-003729	GBC A20 BINDNG MACHINE	1,100.00	02-03-2019	DMO- Post Office
NE-003730	HP OFFICEJET 205 MOBILE AIO PRINTER	1,150.00	02-03-2019	DMO- Post Office
NE-003731	3 KW HEAVY DUTY STAPLER (\$149.50 per Stapler)	448.50	02-03-2019	DMO - Post Office
NE-003732	16 Buro Vip Chair with Arms (\$395 per Chair)	6,320.00	28-02-2019	Vailima Office- Water Resources Division
NE-003733	FOLDING TABLE 6FT (\$ 115 per table)	1,150.00	28-02-2019	Vailima Office- Water Resources Division
NE-003734	4 Europlan 2 drawer filing cabinet (\$ 249 per drawer)	999.60	28-02-2019	Vailima Office- WRD
NE-003735	4 Europlan 4 drawer filing cabinet (\$ 445 per drawer)	1,780.00	28-02-2019	Vailima Office- WRD
NE-003736	4 (5)TIER CHROME SHELF (\$450 per chrome shelf)	1,800.00	28-02-2019	Vailima Office- WRD
NE-003737	PANASONIC DC-FT7 LIMIX CAMERA	1,550.00	02-03-2019	TATTE- DEC
NE-003738	Epson V11H8846053 EB-U42 3LCD 3600 LUMENS WUXGA 16:10 Ratio 15000 Contrast 2.4KG Wireless Projector	3,215.00	13-03-2019	TATTE- Level 1/ GCF Project
NE-003739	Portable Projector Screen Tripod 120 Pull- up Matte White	820.00	13-03-2019	TATTE- Level 1/GCF Project
NE-003740	2 Emerge Credenza Glass Doors 1200mm (\$690 per glass door)	1,380.00	28-02-2019	Vailima- Water Resources Division
NE-003745	Bookeye 4 V2 Professional Archive 2 years Warranty	97,000.00	27-03-2019	TATTE- Land Management Division
NE-003749	HP PAGEWIDE MANAGED COLOR MFP E77650	33,000.00	07-03-2019	TATTE- Forestry Division
NE-003750	DJI Phantom 4 Pro Quadcopter Drone;; Drone all 4 weather flying gear with water protection (\$747)	13,621.00	05-04-2019	TATTE- R2R Project
NE-003751	GOLDAIR STAND FAN	89.00	29-11-2018	FMFM11- MNRE Minister Office
NE-003752	Miracall PABX System (824)	1,650.00	09-03-2019	DMO Post Office
NE-003753	7 NT-986 Nikkoon Phone (\$ 96 per phone)	672.00	09-03-2019	DMO Post Office
NE-003754	Jet Printer Brother MFC-J6935DW	4,782.61	08-05-2019	Tamaligi- CLAC Office
NE-003755	Executive Lovento Chair Black	1,147.83	08-05-2019	Tamaligi- CLAC Office
NE-003756	GARMIN GPS 64s	1,450.00	14-05-2019	TATTE- IMPRESS Project
NE-003757	WHITEBOARD ON WHEELS 1200	950.00	09-05-2019	TATTE- ACEO LMD
NE-003760	RICOH MPC4504exSP COLOUR COPIEER	21,529.56	24-09-2018	TATTE- PUMA OFFICE
NE-003764	21 jastek Prinnacle Chair Blk (1-21)	15,750.00	31-05-2019	TATTE- Corporate Services Division
NE-003765	LOCKABLE CUPBOARD 2 DOOR	950.00	31-05-2019	TATTE- Corporate Services

NE-003766	EPSON DIGITAL PROJECTOR EBS41	2,800.00	31-05-2019	TATTE- Corporate Services
NE-003767	GBC POLAR LAMINATOR A3	350.00	31-05-2019	TATTE- Corporate Services
NE-003768	HP OFFICE JET PRINTER 6950MFP	380.00	31-05-2019	TATTE- Corporate Services
NE-003769	HP OFFICE JET PRINTER 6950MFP	380.00	31-05-2019	Tafaigata- Cashier
NE-003773	2 DAHUA 4CH 2MP IP CCTV CAMERS	2,260.01	20-05-2019	Tafaigata Weightbridge
NE-003774	4CH CCTV STANDARD INSTALLATION	469.57	20-05-2019	Tafaigata Weightbridge
NE-003775	2 Panasonic Cordless TGB-211ONZB Phone (\$86.87 per phone)	173.74	27-05-2019	TATTE- FORESTRY DIVISION
NE-003777	STAND FAN (16) MODYL	90.00	21-03-2019	Mulinuu - MET Division
NE-003778	3 NT-986 Nikkoon Phone (\$83.48 per ph)	250.44	09-04-2019	TATTE- PUMA Division
NE-003779	2 Seagate Exp. 2.5 HDD 4 TB USB (\$670 per drive)	1,340.00	24-05-2019	Tamaligi- SMSMCL Project
NE-003785	3 HP 35s Scientific Calculator (\$266.09 per calculator)	2,040.00	13-06-2019	TATTE- Technical Division
NE-003790	Projector Tripod Screen 1.5m	750.00	10-06-2019	TATTE- Forestry Divison
NE-003792	2 Table Balance (\$240 per table)	480.00	26-03-2019	TATTE- RED/ IMPRESS Project
NE-003793	Whiteboard Mobile Lacquered 1200*1800mm	1,350.00	18-06-2019	TATTE- Environment Sector Division
NE-003794	Projector Classical Manual Screen	850.00	18-06-2019	TATTE- Water Resources Division
NE-003795	7 Emerge L Shape Desk 1800*1800*600D (\$980 per desk) A- G	6,860.00	14-06-2019	DMO- Post Office
NE-003796	8 Emerge Mobile 3 drawer (\$ 550 per Drawer) (A- H)	4,400.00	14-06-2019	DMO- Post Office
NE-003797	2 Emerge Boardroom Table 2400mm (\$3000 per Table) A-B	3,000.00	14-06-2019	DMO- Post Office
NE-003798	2 Acmi Straightline Desk 1200mm (\$550 per desk) A-B	1,100.00	14-06-2019	DMO- Post Office
NE-003799	3 Whiteboard mobile lacquered 1200*1800mm (\$ 1350 per whiteboard) A- C	4,050.00	14-06-2019	DMO- Post Office
NE-003800	KW TRIO A3 GUILLOTINE	599.00	14-06-2019	DMO- Post Office
NE-003801	KYOCERA TASKALFA 5052ci COPIER PRINTER	42,000.00	14-06-2019	DMO NEOC- Tuanaimato
NE-003806	TASKALFA 5052ci PRINTER	42,000.00	14-06-2019	DMO- Post Office
NE-003807	GBC BLIZZARD LAMINATOR A3	680.00	18-06-2019	TATTE- Water Resources Division
NE-003808	HP OFFICEJET PRO7740	1,200.00	18-06-2019	TATTE- Water Resources Division
NE-003812	6 PH NT-986 Nikkoon Phone (\$83.48 per Phone) A- F	500.88	18-06-2019	TATTE- Land Management Division
NE-003813	TASKALFA 5052ci Printer	42,500.00	14-06-2019	TATTE- Water Sector
NE-003817	HP LASERJET PRO M281FDW PRINTER	1,150.00	18-06-2019	FMFM11- Minister Office
NE-003819	KW TRIO A3 GUILLOTINE	550.00	18-06-2019	FMFM11- Minister Office
NE-003821	RUG JET OR MOCHA 2M X 3M	1,499.00	18-06-2019	FMFM11- Minister Office
NE-003822	STAND FAN BLACK / WHITE	120.00	18-06-2019	FMFM11- Minister Office
NE-003826	2 GARMIN GPS (\$1850 per GPS) A-B	3,700.00	14-06-2019	DMO- Post Office
NE-003827	5 TRANSCEND 2TB PROTABLE HDD (\$499 per HARDDRIVE) A-E	2,495.00	14-06-2019	DMO- Post Office
NE-003828	2 WATER COOLER WITH BOTTLE (\$750 per Cooler & Bottle) A-B	1,500.00	14-06-2019	DMO- Post Office
NE-003839	Race Car Red Style Chair	590.00	14-06-2019	TATTE- Technical Division
NE-003840	Race Red Car Style Chair	590.00	14-06-2019	TATTE- Technical Division

Computer Equipment (55 Assets)		339,594.14		
Asset Number	Asset Description	Current Cost	Acquisition Date	Asset Location
NE-003657	Dell inspiron Touchscreen Core i7-500U with wireless mouse & laptop bag	5,420.00	01-08-2018	Tamaligi- Associate Minister
NE-003658	Hp Computer Set Pro Display P240ora	2,782.61	10-08-2018	TATTE -Water Sector Division
NE-003659	Mac Airbook 13" i7 Laptop;;Plus Docking Station	6,750.00	29-11-2018	TATTE Level 1- GCF Project
NE-003660	Hp Computer Set Pro Display P24ora	2,782.61	10-08-2018	TATTE Level 1 - Water Sector
NE-003661	Hp Computer Set ProDisplay P24ora	2,782.61	10-08-2018	TATTE Level 1 - Water Sector
NE-003662	Hp Computer Set ProDisplay P24ora	2,782.61	10-08-2018	TATTE Level 1 - Water Sector
NE-003668	Hydrology/ Climate Server	5,650.00	09-07-2018	TATTE- Water Resources
NE-003671	HPE PROLIANT DL380 SERVER	38,500.00	23-08-2018	TATTE- ICT Division

NE-003673	LOGITECH PRESENTATION REMOTE	180.00	19-09-2018	MET Division
NE-003674	Dell Inspiron 15 Touchscreen Core i7-7500U dual-core,16GB 1TB, Convertible Laptop (USB wired mouse black)	5,518.00	03-12-2018	TATTE- LMD/ Development Section
NE-003678	Apple Mac Air 13" Laptop CTO i7	6,799.00	08-10-2018	CEO
NE-003680	HP 15-BS015dx i5 LAPTOP	2,799.00	25-09-2018	Mulifanua- IMPRESS Project
NE-003682	HP Pavilion 570-p056 Core i7-7700 quad-core 3.6ghz 12GB 1TB dvd+rw geforce w10pro Destop PC w/duai HDMI	4,799.00	26-10-2018	TATTE Level 1 GCF Project
NE-003683	HP Pavilion Core i-7-7700 Computer Set	4,799.00	26-10-2018	Corporate Services Division
NE-003684	DELL XPS 8910 i7-6700 16GB/ 1TB AMD RX 560 GAMING COMPUTER SET	4,799.00	26-10-2018	TATTE Level 1 GCF Project
NE-003686	15 Apple Macbooks 7 Docking Stations	10,850.00	21-11-2018	TATTE- ACEO ICT
NE-003687	APPLE 15 MACBOOK PRO LAPTOP;;Plus Docking Station	10,850.00	21-11-2018	TATTE- ACEO WRD
NE-003692	MAC AIRBOOK 13 i7 LAPTOP;;Plus Docking Station	6,750.00	29-11-2018	TATTE- ACEO Forestry
NE-003693	MAC AIRBOOK 13 i7 Plus Docking Station	6,750.00	29-11-2018	TATTE- ACEO ESCU
NE-003694	MAC AIRBOOK 13 i7 Plus Docking Station	6,750.00	29-11-2018	TATTE- Level 1/ GCF Project
NE-003695	MAC AIRBOOK 13 i7 Plus Docking Station	6,750.00	29-11-2018	TATTE- ACEO GEF
NE-003714	DELL INSPIRON 155567 Ci7 15.6 LAPTOP	3,850.00	23-01-2019	Tamaligi Office- CLAC
NE-003715	DELL INSPIRON15 5567 Ci7 15.6 LAPTOP	3,850.00	23-01-2019	Tamaligi Office- CLAC
NE-003716	Dell XPS 8910 Core i7-6700 Computer Set	5,952.00	29-01-2019	TATTE- Technical Division
NE-003717	Digitus Line Interactive 1000VA UPS	479.00	29-01-2019	TATTE- Technical Division
NE-003746	8 HP Genuine Spares 4TB SAS Drive (\$1,450.00 ea)	11,600.00	05-03-2019	TATTE- ICT Section
NE-003747	2 HP 16GB DDR4 RAM (\$1550 per ram)	3,100.00	05-03-2019	TATTE- ICT Section
NE-003748	HPE PROLIANT DL380 G10 SERVER	47,250.00	19-03-2019	TATTE- ICT Section
NE-003758	Dell OptiPlex 3060 Computer Set	2,216.53	06-05-2019	TATTE- ACEO LMD
NE-003759	Dynamix UPS 650VA UPSD650	312.17	06-05-2019	TATTE- ACEO LMD
NE-003771	DELL INSPIRON 15 5579 15.6' FHD 8TH GEN INTEL i7-8550U 16GB DDR4 1TB WINDOWS 10 PRO	4,769.00	27-05-2019	TATTE- GEF- EWACC Project
NE-003772	HP PAVILION INTEL CORE i7 TOUCHSCREEN	3,750.00	04-06-2019	Tamaligi- SMSMCL Project
NE-003776	Microsoft Surface Pro 4 Intel i5 2.4GHz 8GB 256GB 12.3 Silver Laptop	4,755.00	07-06-2019	FMFM11- DPM/ Minister
NE-003787	Dell XPS Core i7-6700 Computer Set	5,728.00	31-05-2019	TATTE- Technical Division
NE-003788	Dell XPS Core i7-6700 Computer Set- Digitus Line Interactive UPS	5,728.00	31-05-2019	TATTE- Techical Division
NE-003789	Dell XPS Core i7-6700 Computer Set- Digitus Line Interactive UPS	5,728.00	31-05-2019	TATTE- Technical Division
NE-003802	Microsoft Surface Pro 6 Tablet Intel Core i7 Laptop	7,420.00	14-06-2019	TATTE-ACEO CSD
NE-003803	Dell XPS 8930 Core i7-8700 Computer Set	5,399.00	18-06-2019	TATTE- Water Resources
NE-003804	Dell XPS Core i7-8700 Computer Set	5,399.00	18-06-2019	TATTE- Water Resources
NE-003805	8 DIGITUS LINE INTERACTIVE UPS (\$329 ea) A-H	2,632.00	18-06-2019	TATTE- Water Resources
NE-003809	Dell XPS Core i7-6700 Computer Set	5,399.00	14-06-2019	TATTE- Water Sector
NE-003810	Dell XPS Core i7-6700 Computer Set	5,399.00	14-06-2019	TATTE- Water Sector
NE-003811	2 DIGITUS LINE INTERACTIVE UPS (\$329 per UPS)	658.00	14-06-2019	TATTE- Water Sector
NE-003823	HP 15-BS087 15.6" INTEL i7 LAPTOP	3,999.00	14-06-2019	DMO- Post Office
NE-003824	HP 15-BS087 15.6" INTEL i7 LAPTOP	3,999.00	14-06-2019	DMO- Post Office
NE-003825	HP 15-BS087 15.6" INTEL i7 LAPTOP	3,999.00	14-06-2019	DMO- Post Office
NE-003829	20 SAMSUNG TAB A TABLET A6 (\$899 per Tablet)	17,980.00	14-06-2019	DMO- Post Office
NE-003830	HP 15.6 LAPTOP i5 825ou 8G	2,900.00	18-06-2019	Savaii- Forestry Division
NE-003831	HP 15.6 LAPTOP i5 825ou 8G	2,900.00	18-06-2019	Forestry - Vailima Office
NE-003832	HP 15.6 LAPTOP i5 825ou 8G	2,900.00	18-06-2019	Forestry - Vailima
NE-003833	HP 15.6 LAPTOP i5 825ou 8G	2,900.00	18-06-2019	Forestry- Vailima
NE-003834	DELL DESKTOP 3268 i5 7400 COMPUTER SET	2,700.00	18-06-2019	Savaii- Forestry
NE-003835	DELL 3268 i5 7400 COMPUTER SET	2,700.00	18-06-2019	TATTE- Forestry
NE-003836	DELL DESTOP 3268 i5 7400 COMPUTER SET	2,700.00	18-06-2019	TATTE- Forestry
NE-003837	DELL DESKTOP 3268 i5 7400 COMPUTER SET	2,700.00	18-06-2019	Vailima- Forestry

Motor Vehicles (1 Asset)		106,000.00		
Asset Number	Asset Description	Current Cost	Acquisition Date	Asset Location
NE-003791	MNRE 11 TOYOTA HILUX GRAY 2019	106,000.00	05-03-2019	TATTE- GCF Project

Musical Equipment (1 Asset)		580.00		
Asset Number	Asset Description	Current Cost	Acquisition Date	Asset Location
NE-003672	2 M50 Professional Microphone Mic (\$290 per mic)	580.00	28-08-2018	Mulinuu- Meteorology Division

Plant & Equipment (13 Asset)		37,097.80		
Asset Number	Asset Description	Current Cost	Acquisition Date	Asset Location
NE-003666	Water Pump Submersible 69-W-750SK	1,899.00	15-08-2018	RED Project- Piu
NE-003667	Water Pump Submersible 69-W-1500SK	3,255.00	15-08-2018	RED Project- Piu
NE-003761	BRUSHCUTTER PETROL FS 250-Z	1,280.00	17-04-2019	Forestry Division- Savaii
NE-003762	BRUSHCUTTER PETROL FS 250-Z	1,280.00	17-04-2019	Forestry Division- Savaii
NE-003786	2 TCL Super Split Aircondition Unit (\$3299 per Unit)	6,598.00	17-06-2019	Mulinuu - MET Division
NE-003818	GBC 18SHT SHREDDER	2,250.00	18-06-2019	FMFM11- MInister Office
NE-003844	YAMAHA WATER PUMP	1,739.13	12-06-2019	DMO Tuagaimato- NEOC
NE-003845	YAMAHA WATER PUMP	1,739.13	12-06-2019	DMO Tuagaimato- NEOC
NE-003855	CHAINSAW 50CM (20') 3/8 MS 461	4,342.34	20-06-2019	Tuagaimato - NEOC/ DMO Office
NE-003856	CHAINSAW 50CM (20") 3/8 MS 461	4,342.34	20-06-2019	Tuagaimato - NEOC/ DMO Office
NE-003857	CHAINSAW 50CM (20') 3/8 RSC MS 381	3,269.98	20-06-2019	Tuagaimato - NEOC/DMO Office
NE-003858	CHAINSAW 50CM (20") 3/8 RSC MS 381	3,269.98	20-06-2019	Tuagaimato- NEOC/ DMO Office
NE-003859	CHAINSAW 14'/35CM MS 170-Z-STIHL	1,832.90	20-06-2019	Tuagaimato- NEOC/DMO Office