



**MINISTRY OF
NATURAL RESOURCES
AND ENVIRONMENT**



ANNUAL REPORT 2020-2021



“Working together towards a sustainable environment for a resilient Samoa”

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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.

3rd March 2022

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, 2021.

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.

With respect,

Hon. Toeolesulusulu Cedric Posē Salesa Schuster
MINISTER

ABBREVIATION & ACRONYMS

ABSCH	Access and Benefit Sharing Clearing House
ACEO	Assistant Chief Executive Officer
ADB	Asia Development Bank
ADRA	Adventist Disaster Relief Agency
AGB	Aboveground Biomass
APTC	Australia Pacific Technical College
CBSAP	Consolidated Capacity Building Strategy and Action Plan
CCRCS	Climate Change Report Card Stakeholder
CEO	Chief Executive Officer
CfW	Cash for Work
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
CROP	Council of the Regional Organizations in the Pacific
CS	Carbon Stock
DAC	Disaster Advisory Committee
DC	Development Consent
DCDB	Digital Cadastral Database
DEC	Division of Environment and Conservation
DMO	Disaster Management Office
EE	Energy Efficiency
EbAED	Ecosystem based Adaptation Enterprise Development
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
FRDP	Framework for Resilient Development in the Pacific
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
KBA	Key Biodiversity Areas
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
MNRE	Ministry of Natural Resources and Environment
MOU	Memorandum of Understanding

MOEJ	The Ministry of the Environment of Japan
MPA	Marine Protected Area
MTEF	Medium Term Expenditure Framework
NAMA	Nationally Appropriate Mitigation Actions
NAP	National Action Plan
NDC	National Determined Contribution
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
PACRES	Pacific Adaptation to Climate Change and Resilience Building
PARTneR	Pacific Risk Tool for Resilience Project
PAS	Plumbers Association of Samoa
PEEP	Promoting Energy Efficiency in the Pacific
PES	Payment for Ecosystem Services
PICTs	Programmes to further support Pacific Island countries and territories
PMC	Pacific Meteorology Council Meeting
PMS	Performance Management System
PPCR	Pilot Programme for Climate Resilience
PREP	Pacific Resilient Project
PWWA	Pacific Water & Wastewater Association
RAC	Refrigeration and Air conditioning
RACAS	Refrigeration and Air-conditioning Association of Samoa
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
SNDC	Samoa's Nationally Determined Contribution
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
TAG	Technical Advisory Group
TC	Tropical Cyclone
ToR	Terms of Reference
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
VCP	Vaisigano Catchment Project
WMP	Watershed Management Plan
WRD	Water Resources Division
YCAN	Youth Climate Action Network of Samoa

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STATUTORY BOARDS

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
Su'a Aukusitino	Member
Timua Petelo	Member
Galuvao Tavita	Member
Tuaifaiva Samuelu Sesega	Member
Maiava Veni Gaugatao	Member

GEOGRAPHIC NAMES BOARD

Minister of Natural Resources & Environment	Chairman
Chief Executive Officer, MNRE	Deputy Chairman
ACEO -Technical Services MNRE	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

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
Leota Taeao	Member
Tolumaaga Setu Wright	Member
Tauaitu Numia	Member
Saua Avia	Member
1 NGO Representative	Member

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 14 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



FIGURE 1: ORGANISATIONAL STRUCTURE

OUTPUT 1: POLICY ADVICE TO THE MINISTER

Summary of Financial Year (2020/21)

The Ministry is charged with providing policy advice to the Minister on the sustainable management of Samoa's natural resources, protection and conservation of the environment in line with national goals articulated in the Strategy for the Development of Samoa as follows:

1. Sustainable management of Samoa's natural resources
 - 1.1. Sustainable **water resources** management
 - 1.2. Sustainable **forest** management
 - 1.3. Sustainable **land** management including administration of land
 - 1.4. Conservation and protection of marine and terrestrial **biodiversity**
 - 1.5. **Effective Spatial** planning and information
2. Enhanced Environmental protection and resilient built environment
 - 2.1. Sound management of **solid waste**
 - 2.2. Sound management of **chemicals and hazardous waste** including electronic waste
 - 2.3. Sound management of **waste water**
 - 2.4. **Low Carbon Developments Renewable energy**
 - 2.5. Strong **environmental safeguards** in place
3. Mainstreaming of **Climate change** and *disaster risk management*
 - 3.1. Effective **climate change adaptation** and **mitigation** strategies in place across all sectors
 - 3.2. Improved **disaster risk management**
 - 3.3. Improved **Meteorological, geoscience and ozone** information and Data
4. Effective **governance** framework
 - 4.1. Strong and coherent **Policy and Legislative** framework in place
 - 4.2. Effective **Sector wide coordination** (Water and Sanitation Sector and Environment Sector)
 - 4.3. Strong and capable **workforce**
 - 4.4. Strong **Information and Data Management** system and processes
 - 4.5. Sustainable **financing**

The Ministry's diverse portfolio is organized into 14 divisions with a workforce made up of 421 dedicated men and women. The management consists of the CEO and 14 Assistant CEOs supported by 38 Principal Officers, 56 Senior Officers; 63 Officers; 189 Assistant Officers; 43 Term Employees and 16 temporary project staff.

A summary of the approved budget, unspent funds and revenues collected for the period is presented in the table below

Approved Budget for the Financial Year 2020/2021	
Personnel	10,860,330.00
Operation	1,975,415.00
Transactions on Behalf of State	13,615,217.00
Total	\$26,586,962
Unspent	3,735,157.00
Revenues	6,273,123.00

In addition to the national budget, the ministry managed 14 projects including national, regional and enabling projects as listed in Annex 3 of the Annual Report.

The financial year, saw a number of key developments which were successfully carried out, some of which have been completed and others to be completed in the next financial year. These are summarized below:

1. Sustainable Management of Water Resources

The ministry has successfully completed the development of Watershed Management Plans (WMPs) for the villages of Laulii and Fatuvalu. Implementation of approved watershed management plans continue. The ministry has forged a strong partnership with the Methodist Church under the leadership of the President and his office through tree planting rehabilitation programs. More than 22ha of degraded watershed areas have been rehabilitated including critical areas at Malololelei, Afiamalu and Nuusuatia. Monitoring of groundwater resources continue to expand with the successful establishment of 2 monitoring boreholes at Taga and Satalo. Regulation of water abstraction activities continue through the water abstraction licensing scheme.

2. Sustainable management and development of Forest Resources

The formulation of the Masamasa/Falelima Management Plan is well underway with support from SPREP. Maintenance of Samoa's designated National Parks is ongoing, with more than 200ha of forest areas maintained within the period. The Ministry's ongoing sustainable agroforestry and community forestry program registered 173 farmers this fiscal period. Research and development is continuing with studies on biomass and carbon assessment of selected tree species; phenology and natural regeneration of forests. More than 75,000 seedlings were raised this period to support forest regeneration / replanting programs across the country. At the conclusion of the 2 Million Tree Planting Campaign which was launched in 2015, the Ministry recorded and validated 2,070,000 trees planted. Regulation of logging practices continue with 10 mobile sawmills approved and registered. A total of 10 licenses/permits were issued during the period.

3. Sustainable Land Management

Land administration includes services for leasing of government lands, customary lands, land registration and valuation and regulation of development activities such as sand mining, land reclamations, mining/quarrying etc. The Land Board oversees the leasing of all government lands. The Board convened 7 meetings and approved more than 70 leases on government lands and 5 land takings. Management including maintenance of public cemeteries at Tafaigata, Vaialele, Magiagi and Tufuiopa continue. The Master Plan for sustainable use of government land has been formulated and currently under consultation for finalization by the Land Board.

Administration of the licensing and leasing of customary lands in accordance with the Leasing and Licensing of Customary Land Act 1965 saw 23 new leases signed during the period. Support is also provided to the work of the Customary Land Advisory Commission (CLAC) to promote the economic use of customary lands to benefit families. Land development activities approved for the period include 10 land reclamation applications; 40 sand mining permits were issued to mine a total of 679m³ of sand. Land registration services recorded 2,217 legal instruments lodged. A total of 152 valuations were conducted with 706 transfers received for stamp duty which brings in substantial revenues for the ministry. There were no meetings of the Land Commission convened during the period. Total revenues collected amount to more than \$6 million Tala.

4. Technical Services / Spatial Planning and Information

The ministry continues to carry out land surveys requested by the Land Board and the Lands and Titles Court. Requests from other government ministries and corporations are also undertaken depending on availability and urgency. Maintenance of the geodetic control network which guides all survey work undertaken and spatial data infrastructure consisting of the Fagalii Global Navigation Satellite System (GNSS) and Faleolo GNSS remains crucial ongoing work. Regulation of survey activities is the responsibility of the ministry and this period saw the addition of two new surveyors registered. There are 8 private surveying firms in the country; five surveyors in the public service - 3 surveyors in MNRE; 1 in LTA and 1 in SLC. National mapping services include the management of spatial dataset/GIS layers to produce national topographical maps for all of Samoa which are made available to the public upon request at small cost.

5. Protection and Conservation of Biological Diversity

Outreach programs targeting communities and schools as well as NGOs continue. A total of 20 targeted awareness and educational programs were successfully conducted to

promote conservation of terrestrial and marine biodiversity. Restoration of designated reserve areas continue with more than 10ha of critical areas rehabilitated at Vaitele Fou Reserve, Malololelei BioPark, Malololelei Recreational Reserve and Vailima National Reserve. Work on the Art Whistler Memorial Garden was successfully launched with strong support and leadership of the Samoa Conservation Society.

Invasive species management programs for the year targeted the eradication of water lettuce within the urban area, the rattan at Papaseea, and rats at Malololelei in partnership with the Samoa Conservation Society. This year also saw the continuation of efforts to eradicate priority invasive tree species such as the African tulip tree, rubber tree and albizia tree at Vailima Nature Reserve.

The ministry's marine conservation program will be significantly improved with the development and implementation of Samoa's Ocean Strategy 2020 – 2030 which was launched in 2020. Other key milestones include the review and update of the Aleipata Marine Protected Area Management Plan; development of three (3) management plans for the Poutasi, Vaovai and Lotopue-Malaela Mangrove Conservation Areas.

With support from the Global ABS project for the implementation of the Nagoya Protocol, the Ministry recruited technical support to draft the Genetic Resources and Associated Traditional Knowledge Management Bill 2020 as well as a Guideline for accessing and using traditional knowledge associated with genetic resources. Bio-cultural Community Protocols have been developed for Aopo (Savaii) and Faleaseela (Upolu). Work to finalize the draft EMC Bill is underway. A total of 23 Development Consent referrals were received and reviewed.

6. Sound Management of Solid, Chemicals and Hazardous Waste

Outreach programs targeting schools and local communities continue including Vaiusu, Matautu, Lefaga, and Falevao. Avele College, Leififi College, Maluafofu College, Manumalo Primary School, Moataa and Vailima Primary schools participated in the ministry's waste segregation program with segregation cages installed in each school to collect plastic bottles. Farmer Joe was the only participating supermarket. Waste audits were conducted for three (3) mangrove conservation areas at Vaiusu, Siufaga Falelatai and Lotopue Saleimoa. Findings from the audits revealed concerning high levels of plastic and metal type waste found in the mangrove areas.

The Electronic Waste (E-waste) Take Back Initiative, a partnership arrangement between the ministry, SSAB and

HP Company saw two shipments of toners collected from 11 collection points set up in TATTE, back to New Zealand during the period. As party to the Basel Convention, Samoa controls and monitors closely the Trans-boundary movement of chemical and hazardous waste within its national waters. A total of seven (7) applications were received and processed and involved five (5) transit notification applications for used car batteries and two (2) local recyclers for exportation of the same.

The Ministry manages a total of 19 waste collection contracts covering all of Samoa (Upolu, Savaii, Manono, Apolima); 2 landfill maintenance contracts for Vaiaata and Tafaigata; 3 lawn maintenance contracts; 3 litter maintenance contracts; 3 Public Toilet Maintenance Contracts; 2 sludge treatment facilities maintenance contracts for Vaiaata and Tafaigata. The ministry also outsources the collection of bulk waste.

7. Meteorological, Weather and Climate, Geophysics Services

The MET Office provides 24/7 meteorological services for monitoring seismic, weather and climatic events. Weather forecasts are now issued every 6 hours instead of 4 hours including severe weather information. For climate services, a number of products have been developed and disseminated widely to the public. These products include Seasonal Rainfall Outlooks, Ocean Outlook Bulletins and Climate Summary Reports. The Ministry continues to work closely with the FAO and Ministry of Agriculture and Fisheries to produce user-friendly meteorological bulletins specifically for farmers. Work has also been done to upgrade the Health Climate Early Warning System (H-CLEWS) monitoring climate related diseases in collaboration with the Ministry of Health. Research and documentation of weather related traditional knowledge practices continue with support of SPREP.

Samoa continues to implement its obligations under the Montreal Protocol on substances that deplete the ozone layer through its ongoing HCFC phase-out management plan and HFC phase down project which has been successfully completed. The Refrigeration and Air Conditioning (RAC) Association continues to work closely with the Ministry through the Ozone services to deliver targeted capacity building programs. In addition, the Ozone services works very closely with Customs and Quarantine personnel to strengthen border control. The National Ozone Committee continues to meet on a quarterly basis.

Geoscience services provide 24/7 monitoring of seismic activities and undertake geotechnical drilling investigations and analyses. The ministry recorded 34 felt

earthquakes and logged approximately 1800 earthquake events around the globe with more 100 information bulletins issued. More than 70 geomagnetic reports were also developed.

8. Disaster Management Office

The Proclamation for the COVID-19 State of Emergency (SOE) was made on the 20th of March 2020 and activated the National Emergency Operation Center (NEOC) and the Disaster Advisory Committee (DAC). For this period, the NEOC coordinated 29 repatriation flights bringing home more than 4,500 passengers. The new NEOC Building, the first to be built in the Pacific, was officially launched on the 23rd of October of the same year. Total cost of construction was 6.4million Tala, funded by the World Bank through the Pacific Resilience Program (PREP). In January 2021, Cabinet issued a cabinet directive to transfer the DMO to MPMC.

In addition to the covid-19 response, the DMO continued to roll out the Community Disaster and Climate Risk Management program under the GEF funded EWACC Project. The DMO worked closely with the Samoa Red Cross, FESA and ADRA to roll out the program to villages. A number of villages have successfully completed the program including the development of their respective Village Disaster and Climate Risk Plans such as Asau, Aopo, Siumu Sisifo, Saanapu, Sataoa, Lotofaga Safata, Ti'avea, Matautu Lefaga, Samatau, Vaisala, Auala, Papa Sataua, Saleaula, Safai, Falealupo, Tufutafoe, Neiafu and Falelima, Aufaga and Lepuia'i Manono Tai. Response to two severe weather events on the 18th December 2020 and 6th January 2021 included the activation of evacuation centers with more than 60 people evacuated.

9. Climate Change and GEF Services

Finalisation of the milestone National Climate Change Policy is well underway. The Policy will set a framework within which national climate response efforts will be coordinated across all sectors. In partnership with UNDP and the GEF funded Small Grants Program, MNRE as chair of the steering committee overseeing the SGP contributed significantly to the assessment and approval of the 47 community based environmental projects. Implementation of updated Community Integrated Management (CIM) Plans for each district is coordinated and monitored through the Climate Change Division. CIM Plans specify crucial adaptation response actions at the district/village level as identified and prioritized by the communities. Quarterly Climate Change Report Cards were also developed and presented at Cabinet Development Committee (CDC) meetings. Work towards the finalization of Samoa's new GEF 7 Project

Proposal is well underway to address key biodiversity issues including invasive species management. As party to the UNFCCC, work is underway to develop Samoa's first Biennial Update Report (BUR) and Third National Communication Report to the UNFCCC.

10. Renewable Energy and Energy Efficiency

The Biomass Gasification Plant at Mulifanua was launched in November 2020. Work to construct 5 community biogas systems is also well underway. The Saasaai Biogas System was launched in March 2021 with preparatory trainings held for the villages of Vaisala and Faleula prior to the installation of biogas systems. Consultations were also held to finalise Samoa's second nationally determined contributions for submission in July 2021. Commemoration of the National Energy Day in November 2020 in collaboration with the Ministry of Finance saw the active participation of key stakeholders in the energy sector.

11. Sector wide coordination

MNRE is the lead implementing agency for the Water and Sanitation Sector and the National Environment Sector.

The Environment Sector launched its Communications Strategy in November 2020. The 7th annual review of the sector was held in November 2020 followed by the official launching of its Communications Strategy. The NGOs Forum has been established to strengthen networking between and among key NGOs in the environment sector to allow for the sharing of information and expertise and encourage coordinated partnerships.

Work on Ocean Accounts in partnership with the STA and SBS and support from UNESCAP continue. Cross sectoral coordination with the Agriculture Sector continues to be strengthened with MNRE as Chair of the SPO4 a subsector of the Agriculture Sector focusing on climate change resilience. Implementation of the ministry's GCF Vaisigano Project in relation to the Cash

for Work Programme (CfW), Payment for Ecosystem Services (PES) and the Ecosystem based Adaptation Enterprise Development Programme (EDAEP) in partnership with CSSP and the Samoa Business Hub continues. The CfW currently employs 30 field workers from within the Vaisigano Catchment for tree planting, nursery and landscaping work. The EBAED Programme with CSSP has yielded more than 400 projects from local communities, households, NGOs and existing businesses within the Vaisigano Catchment.

The Water and Sanitation Sector 13th Annual Review was held in March 2020. The annual commemoration of the National Sanitation Day was held in November 2020. A targeted capacity building program for the sector is under implementation in partnership with the Oloamanu and trainings for sector stakeholders. The updated Sector Water for Life Sector Plan has

12. Legal Services

Key legislative reforms for the period include the passage of the Meteorology, Geoscience and Ozone Services Act 2021 and the Land Titles Registration Amendment Act 2021. The Alienation of Freehold Land Amendment Bill was approved by Cabinet and referred to the Clerk of the Legislative Assembly. Three more bills are being targeted for finalization – the Soil Resources Management Bill, the Climate Change Bill and the Environment Management Bill.

13. Information Technology Services

The IT is tasked with providing maintenance support of the Emergency Radio and Siren network for Samoa. Tests are conducted first Monday of every month. Maintenance and update of the Ministry's information systems including the Website, SOLA, LIDAR, Email, Data Knowledge Information Facility (DKIF), Pacific Climate Change Portal (iCLIM), GEONode, Telemetry and Access and Benefit Sharing Portal and Finance One.



SUB OUTPUT 1: CLIMATE CHANGE & GLOBAL ENVIRONMENT FACILITY

The expanded division of Climate Change and Global Environment Facility (CCGEF) provides a coordinating and facilitating role for Climate Change and GEF programs in Samoa. In addition to its previous function of coordinating GEF Programme(s) in the focal areas of environmental projects relating to biodiversity, international waters, land degradation the ozone layer and persistent organic pollution, national climate change actions and efforts are also administered under the division. Thus, extending its functions from policy development, coordination of various programs, reporting on climate change action, implementation and promoting adaptation and mitigation measures, to providing assistance on proposed climate change projects and ensuring effective reporting and advise is channeled through to all key players.

The GEF has been one of the main sources 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 regional and international environmental efforts. The Division aims to work towards strengthening partnership and collaboration between all relevant stakeholder in all levels of government, civil society, NGOs, development partners and the local communities that guarantees inclusivity and nation-wide approach to climate change.

1. Climate Change and GEF Division obligation as the National Operational Focal Point (OFP)

The continuous advisory, reporting and implementation role in facilitating and coordinating the channeling of GEF financial assistance for project development and implementation of Climate Change programs continues to be the main role of this division.

Community Micro Environmental Projects: Small Grants Programme (SGP)

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 FY2018/19 approved a total of 47 proposals from communities and disbursement of financial assistance via the GEF-UNDP Office to successful applicants to implement their proposed community projects.

2. National, Regional and International priorities.

UNFCCC Conference of the Parties (UNFCCC COP)

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 Convention and 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 Determined Contribution (NDC).

Active participation and representation of Samoa in virtual meetings and conferences hosted by our development partners like SPREP, UNDP amongst others.

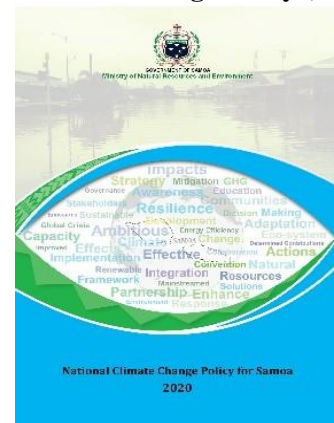
Working with Regional Organizations such as SPREP, SPC, PIF on working on the Framework for Resilient Development in the Pacific. (FRDP)

The development and endorsement of Samoa's Climate Change Policy 2020-2030 aims to set out a 10 year plan of action and the interventions needed across all sectors including the community level, to build resilience to the impacts of climate change and to mitigate its effects consistent with the nation's sustainable development objectives and to address our international obligations.

Continuous coordination amongst key technical stakeholderse to collate and compile update of Samoa's Climate Change report Card that is now up to its 12th Edition

3. Climate Change Governance

National Climate Change Policy (2020-2030)



- A series of consultation was conducted for the collection of information and data presented in policy
- Samoa Climate Change Policy 2020-2030 Endorsed by Government in 2020
- Implementation on going
- Official Launching in November 2021

Climate Change Report Card (Report Quarterly basis)

Season	Baseline 1981-2010	Actual	Comment	Trend
Annual - Actual				
Dec-2019	24.6mm	487.7mm	Order compared to Dec 2010 (200.0mm)	Above Average
June-2020	138mm	242.0mm	Order compared to May 2019	Above Average
Temperature - April Position				
Dec-2019	30.4°C (max)	30.9°C	Increase compared to Dec 2010 (29.0°C)	Average
May-2020	30.4°C (max)	31.4°C	Increase compared to May 2019 (30.0°C)	Above Average
Sea Level Rise (not applicable - significant)				
Jan-2019		4.5mm/yr	Sea change monthly since in a long term determining	Slightly rising
Regional Cyclones (TC) (SW Pacific Region)				
2019-2020	18 Reported	1000-22 Nov 19	TC Raka - 1002	2019 - 2020
	Depression	1002-24 Nov 19	TC Sana - 1002	
	severe	1002-26 Dec 19	TC Tera - 1002	
	monitored	1004-15 Jan 20	TC Uela - 1006	
	the season	1005-28 Jan 20	TC Vika - 1009	
	2019-2020	1006-09 Feb 20	TC Waa - 1010	
		1007-17 Feb 20		
		1008-20 Feb 20		
		1010-20 Feb 20		

- Climate Change Report Card Stakeholder meeting discuss and explore strategies to deliver reporting to CDC effectively
- Continuous collection and update of data and information and presentation of card to the CDC 12th Edition to date
- Working towards a Samoan Translation of the Report Card
- The continuous National Climate Change awareness programs through media outlets

Community Integrated Management Plans (2019-2029)

- CIM Plans printing complete. Distribution of Samoan versions to Villages scheduled for last quarter of 2021 (PPCR Project)
- Monitoring of implementation of the CIM plans by various responsible sectors on-going



Steering Committee for Climate Change and Resilience



Consultation for Drafting the Climate Change Policy

1.	<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 - 2022</p> <p>Responsible Division/Focal Point: GEF / Climate Change Division</p> <p>% Delivery rate to date: 78%</p>
	<p>Project Objective:</p> <p>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> <p>Status:</p> <p><i>Component 1: Strategic integration of climate change adaptation and disaster risk management in national policy frameworks and development planning through an economy-wide approach</i></p> <ul style="list-style-type: none"> • Complete construction of Vaisigano Segment One Flood Protection Wall • Drainage upgrade for Segment One Site 16 finalising contractor and tendering process <p><i>Component 2: Enhance resilience of communities as first responders of climate change-induced hazards</i></p> <ul style="list-style-type: none"> • More than 1200 people have benefitted from improved flood management. • Complete Integrated Water Management Plan for Greater Apia Catchment Area. • Flood studies for the Urban River Catchments of Loimata o Apaula, Gasegase and Fuluasou now on-going • Continuous support on minor works - drenching and deepening of waterways in catchments in the greater Apia Urban Area (Gasegase, Fuluasou, Loimata o Apaula, Vaie- Apia, Fagalii Catchments) prior to the raining seasons to minimise river overflow and flooding. Phase Two complete, Phase three of similar works on-going • Continuous support on Vertiver Grass planting at Fagalii and Vaisigano catchments. Other potential river banks in the next FY • Approximately more than 454 beneficiaries for the improving livelihoods component in collaboration with MWCS • Another additional 60 families in both Upolu and Savaii are now in its implementation stage • Continuous roll-out of the Community Disaster and Climate Risk Management (CDCDRM) programme with DMO and first responder agencies: the Samoa Red Cross Society, ADRA and SFESA. In total there <p><i>Component 3: Knowledge about cca/drm is captured and shared at the regional and global level</i></p> <ul style="list-style-type: none"> • Compilation and aout of data and information for the climate change report card 12th Edition to date. • Design and layout handbooks to support and guide MNRE management site visits around Savaii project sites • Assist with layout and format of the Samoa's Draft Climate Change Policy

	<ul style="list-style-type: none"> • Support the 2 million Tree Planting Campaign under the Forestry Division • Facebook and website articles and production of short clips: Handover ceremony of resources under the MWCS-D SBI program • Design and layout awareness and promotional materials • Capture story at the Vaisigano Catchment Area after flooding in December 2020 • Capture success of the Vertiver Grass planting at Fagalii low lying area. <p><i>Component 4: Project Management</i></p> <ul style="list-style-type: none"> • Technical Advisory Group quarterly meetings FY20/21 • Project Working Group Validation Workshop at Saletoga Resort March 2021 • Submitted another request for project extension at no cost • Project CTA on board under the PMU • Moderately satisfactory in performance according to the Project Implementation Report (2018/19) for this project
2	<p>Project Name: <i>Third National Communication Report and First Biennial Report (2020-2024)</i></p> <p>Development Partner: <i>GEF / UNDP</i></p> <p>Total Funding: <i>USD\$1,002,000.00</i></p> <p>Timeframe: <i>2020-2024</i></p> <p>Responsible Division/Focal Point: <i>GEF / Climate Change Division</i></p> <p>% Delivery rate: 5.8%</p>
	<p>Project Objective:</p> <ul style="list-style-type: none"> • The enabling activity aims to assist Samoa in meeting reporting requirements under the UNFCCC Convention in accordance with its commitments as a non-Annex 1 Party (as mandated by Article 4 and 12 of this Convention and COP 16 and 17 decisions), and to strengthen the technical and institutional capacity of Samoa to prepare and submit National Communications and Biennial Update Reports to the UNFCCC <p>To develop and update the following:</p> <ul style="list-style-type: none"> • National Circumstances • Update National GHG Inventory • Vulnerability & Adaptation Assessment • Mitigation Action • Development of 1st BUR • Knowledge Management <p>Status</p> <ul style="list-style-type: none"> • Project Coordinator and Assistance on Board • GHG Specialist on board to develop a methodology to update national GHG inventory • On-going consultation with key technical stakeholders for data collection, analysis and verification • Recruitment of Database Developer for GHG data, climate adaptation and mitigation data and climate science and project in process
3	<p>Project Name: <i>Pacific Adaptation to Climate Change Resilience Building Project (PACRES)</i></p> <p>Development Partner: <i>EU/SPREP/PIFS/USP</i></p> <p>Total Funding: <i>USD\$</i></p> <p>Timeframe: <i>2020-2022</i></p> <p>Responsible Division/Focal Point: <i>GEF & CC/WSCU/FRD</i></p> <p>% Delivery rate to date:</p>
	<p>Project Objective:</p> <ul style="list-style-type: none"> • PACRES aims to ensure better regional and national adaptation and mitigation responses to climate change challenges facing Pacific ACP countries. The PACRES Project aims to address climate challenges highlighted under the CIM Plans interventions in the forestry sector as well as providing opportunities to strengthen water security, and addressing ecosystem based adaptation measures within the areas of the project scope.
	<p>Status:</p> <ul style="list-style-type: none"> • Samoa is one of the five Pacific ACP countries where the €12 million EU funded Intra-ACP GCCA+ Pacific Adaptation to Climate Change and Resilience Building (PACRES) proposes to scale up adaptation/ecosystem-based adaptation (EbA) pilots. • PACRES aims to ensure better regional and national adaptation and mitigation responses to climate change challenges facing Pacific ACP countries. It is being implemented jointly by the Secretariat of the Pacific Environment Programme (SPREP), the Pacific Islands Forum Secretariat (PIFS), the Pacific Community (SPC) and the University of the South Pacific (USP). Funding for this project is procured through SPREP with coordination under the MNRE - CC and GEF Division in collaboration with the Forestry and Water Sector

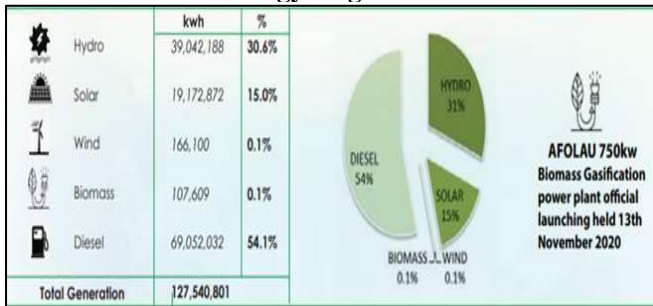
	<p>Divisions as key implementers. The PACRES Project aims to address climate challenges highlighted under the CIM Plans interventions in the forestry sector as well as providing opportunities to strengthen water security, and addressing ecosystem based adaptation measures within the areas of the project scope.</p> <ul style="list-style-type: none"> • Upscaling activities in the Forestry Sector • Implement activities identified in CIM Plans – water security • Ecosystem and Socio-economic Resilience Analysis Mapping (ESRAM) style assessment in Saleaula, Savaii • National Parks Management Planning – Forestry Management Plan for Masamasa- Falelima National Park • Capacity needs assessments – Taga & Matautu villages during community consultation in February 2020 • Training Opportunities – Practical farming methods, delivered through USP School of agriculture & Farming Techniques • Mainstreaming CC & DRM into local development plans – Community Development Sector Plan 2016-2021 • Matautu District CIM Plan • Palauli West District CIM Plan
4	<p>Project Name: <i>Enhancing integrated sustainable management to safeguard Samoa’s natural resources (GEF 7)</i> Development Partner: <i>GEF / UNDP</i> Total Funding: <i>USD\$3,502,968</i> Timeframe: <i>2022-2025</i> Responsible Division/Focal Point: <i>GEF / Climate Change Division</i> % Delivery rate to date: 0%</p>
	<p>Project Objective: To equip and empower local communities to safeguard Samoa’s indigenous species, natural ecosystems and food production systems from Invasive Alien Species and unsustainable practices.</p> <p>Status:</p> <ul style="list-style-type: none"> • The concept or the project identification form (PIF) was submitted after conducting 3 wider stakeholder consultations for the formulation of the concept. • Project Proposal approved by GEF • Development of the Project Preparation of the full project document and Validation Workshop held in July 2021
5	<p>Project Name: <i>Pilot Program on Climate Resilience (PPCR) 2013-2021</i> Development Partner : <i>IDA/World Bank</i> Total Funding: <i>USD \$14,600,000.00</i> Timeframe: <i>2013 – 2021</i> % Delivery rate: 100%</p>
	<p>Status: <i>Project Deliverables completed in June 2021</i></p>
<p>TOTAL ESTIMATED RESOURCES: \$31,427,904.00</p>	

TABLE 1: PROJECTS COORDINATED AND IMPLEMENTED BY THE CCGEF DIVISION



SUB OUTPUT 1: RENEWABLE ENERGY DIVISION

100% Renewable Energy target



Samoa's first NDC focuses primarily on reducing emissions from the Energy Sector. Our goal was to reduce greenhouse gas emissions from the Electricity sub-sector through the adoption of a 100% RE Target for electricity generation through to the year 2025. We continue to strive and committed towards increasing the use of renewables for electricity generation to improve sustainability and strengthen Samoa's power sector. Depicted in the infographic below is the amount of Electricity Generation (in Kilowatt-hours) from various sources of Renewable Energy as well as Diesel for the year 2020.

Installation of Solar Lights



The IMPRESS Project through the Renewable Energy Division distributed and installed solar street lights for selected community groups and schools.

IMPRESS Project Advisory Meeting



The IMPRESS Project under the Renewable Energy hosts their meetings with its stakeholders quarterly every year.

IMPRESS Project Offers Scholarship Opportunities



The IMPRESS project offered 20 scholarship slots for selected participants from the Energy Sector as well as

other Government Ministries. These scholars will undertake Certificate II Sustainable Energy Program implemented and led by NUS for one (1) year.

Launching of the Afolau Biomass Gasification Plan



The Official Launching of the Afolau 750kW Biomass Gasification Plant took place on the 13th November, 2020

Community Biogas Launched at Saasaai Savaii



The IMPRESS Project through the Renewable Energy Division launched its first Community Biogas System in Sa'asaai Savaii.

Biogas Training for Faleula Methodist Atinae Community



A biogas training was held on the 7th of June 2021 for Faleula Methodist Atinae Community. The aim of this training was to ensure the caretakers of the system(s) have the knowledge and skills to maintain the system to ensure future sustainability.

Biogas Pilot Program



The Community of Vaisala is the second group from Savai'i selected for Biogas Pilot Program under the IMPRESS Project. The Community supports the initiative through their active engagement during the consultation. Susuga Usufono Fepuleai, Consultant from the B.E.S.T Company Ltd carried out the training of community representatives on to the construction, operation and maintenance of the biogas system.

SCADA Training



The purpose of this training was to build the capacity of energy sector stakeholders on the current systems within EPC as well as the operation of the Afolau Biomass Gasification Plant.

National Renewable Energy Day



The National Renewable Energy Day was celebrated on the 12th November, 2020. The program took two days which included a Triathlon race between the selected Government Ministries, followed by the official launching of the Afolau Biomass Gasification Plant on the 13th November, 2020

National Determined Contribution Consultation Session



The workshop aimed at reviewing and collecting of data and information needed for the development of Samoa's enhanced NDC. After many consultations and reviews, Samoa successfully submitted its 2nd National Determined Contribution to the UNFCCC on 30th July, 2021. This second NDC includes new sectors and new targets that are to be met by the year 2030.



Biogas tank



Aerial shot of Afolau Biogas Plant



SUB OUTPUT 1: ENVIRONMENT SECTOR COORDINATION DIVISION

Launching of the Communication Strategy 2022-2026- November 2020



On the 18th of November 2020, the Ministry officially launched their National Environment Sector Communications Strategy 2022 – 2026 at the Taumeasina Resort. The development of the Strategy was financed by SPREP through its INFORM Project. The Strategy provides an overarching 5 year framework for a more cohesive and coordinated platform to strengthen communications and knowledge management across the sector. It consists of 28 actions to achieve its 3 objectives from 2022 to 2026.

Environment Sector Project Workshop- February 2021



The Project Coordinators had the opportunity to present regarding the overview and progress of 18 projects under the Ministry and sharing valuable knowledge with other coordinators and management members.

National Environment Sector Steering Committee (NESSC) -March 2021



The National Environment Sector Steering Committee hosted its 15th sitting to deliberate on the Progress report of the Sector's for the second and third quarters of the FY, in March 2021.

The NESSC convenes on a quarterly basis with four meetings targeted for the financial year. The fourth

meeting falls in the following fiscal period, normally in July or August depending on availability of members. The Sector convened three (3) quarterly meetings of the NESSC as follows:

- **First and Second quarters**, July – December 2020, combined due to State of Emergency – NESSC convened on 11 March 2021,
- **Third quarter**, January – Mar 2021, NESSC convened on 27th May 2021.
- **Fourth quarter**, April – June 2021, NESSC will be held last week of August 2021 (new FY 2021/22). The MNRE CEO is the Chairman while MOF CEO is Deputy Chairman.

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

The Sector held its seventh annual review in November 2020 at the Taumeasina Island Resort. The Review included presentations for each Long Term Outcomes and the status of its implementation as of End of FY 2019/2020.



The NESP 2017 -2021 is a five-year sector wide programme covering five fiscal periods FYs 2016/17, 2017/18, 2018/19, 2019/20 and 2020/21.

Adequate Staffing and Resourcing of the Division

The only addition to the Environment Sector Division was 1 new staff recruited under the GCF Project (Senior Administration and Finance Officer) plus a replacement staff for the position of Community Engagement Officer. These positions were approved by PSC through the MOF in 2020. Both staff commenced on September 2020. The vacant position of Senior MTEF Officer was replaced in January 2021 and the Division currently has 3 permanent staff; 5 project contract staff; 1 driver and 1 ACEO

NESSC Site Visits

The NESSC schedules two (2) site visits annually as part of its monitoring role. The visits also provide an opportunity to ground truth reports and progress benchmarked across the Sector to increase awareness and understanding of existing issues and challenges to better inform the work of the Sector.

Sector Wide Coordination

(a) Oceans Accounts

The MNRE and SBS with the support of UNESCAP worked closely to develop Samoa's Oceans Account following the successful pilot of Samoa's Water Account. Samoa's Pilot Phase 1 is near completion. The aim of the project is to conduct a scoping study to confirm location (geographical) and technical aspects of the pilot extension focus, prior to embarking on the full study. The GIS aspect of the Samoa Ocean Accounts Pilot, seeks to link land-based sources of pollution with the extent, condition and services of nearby coastal and marine ecosystems. The study area is Upolu and the focus is on wastes generated from tourism-related activities. The objective of the GIS aspect is to provide a context for the analysis by providing maps of related geophysical data, adding economic and demographic data such as locations of tourist sites, landfills and population distributions.

(c) Agriculture Sector – SPO 4

MNRE chairs monthly meetings of the Agriculture Sector's Policy Objective 6 Working Group responsible for the Sector's sustainable agricultural and fisheries resource management practices, climate resilience and disaster relief efforts. As part of this role, MNRE reports to the Chair of the Agriculture Sector Steering Committee on a quarterly basis through the ESCD.

Green Climate Fund Project Activity 2.2 Implement Ecosystem Responses Upstream for Deceased Flows during Extreme Weather Events (MNRE Component) Component 1: Implementation of the Cash for Work (CfW) Programme

35 field assistants; 15 are under Division of Environment and Conservation (DEC), 10 under Water Resources Division (WRD) and 10 under Forestry



CfW Replanting site at Fale o le fee, Magiagi

Division (FD) continued field works for the Vaisigano Catchment Area. Main responsibilities include the removal of invasive species as part of the land preparation works, seedling collection and propagation,

and nursery maintenance in support of rehabilitation works in the Vaisigano Catchment area.

The CfW Programme also supports the 2 Million Tree Campaign 2015-2020 and the Waste Minimization Initiatives as part of best protection options in support of Biodiversity Conservation

The Project through the DEC, completed 1 follow-up monitoring survey for the invasive water lettuce plant around the VCA and Upolu areas and 2 follow-up bird and butterfly surveys targeting old sites (used last year). The team also supplied 160 wheelie trash bins and supported the Waste Compost program for awareness of schools in April 2021 for the Waste management purposes in the VCA and CBD area.

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

MNRE recruited the Live & Learn Environmental Education (LLEE) through UNDP to implement the PES Full Feasibility, Design and Implementation work on April 23rd 2020. LLEE completed the first two stages which include the Inception Full Feasibility Report of two pilot sites.

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

CSSP and SBH (formerly known as SBEC) are key stakeholders for the EbAED Program. The program continued with implementation whereby 34 out 189 projects were completed in June 2021 and 110 reached more than "50% and above" disbursement of grants.

The program launched the second Call for Proposals (CfP) in July 2020 and approved 319 projects where the funding agreement preparations started in January 2021.

CSSP hired 4 new positions; Principal Finance and Administration Officer, Principal M&E and 2 Grant Project Officers to assist with EbAED program



Hydroponics Vegetable Project, Matautu tai

SBH continued specific technical trainings for grantees from the first and second CfP. These trainings included waste recycling trainings, farming and business trainings



OUTPUT 3: LAND MANAGEMENT

3.1 GOVERNMENT LAND LEASE SECTION

SUMMARY FY20/21	
Number of Meetings Carried Out	7
Number of Applications Approved	42
Number of Land Taking	5
Number of Applications Deferred	-

TABLE 2: LAND BOARD MEETINGS

An increase of 1million has been recorded in this Financial Year 20/21 from lease collection. Strict collection measures were exercised for all lease areas as the main source revenue for the Ministry despite the pandemic disruption.

SUMMARY	TOTAL (\$)	
	FY19/20	FY20/21
Aleisa	89,370.00	52,526.00
Tanumalala	29,989.00	24,541.00
Nu'u	3,585.00	2,855.00
To'omatagi	5,600.00	-
Afiamalu	16,107.00	7,521.00
Tiavi	1,648.00	1,797.00
Laloanea	26,200.00	32,012.00
Motootua	3,200.00	300.00
Apia Park	7,560.00	600.00
Reclamations	91,190.00	19,580.00
Miscellaneous	288,837.55	1,457,883.67
Paper Work	1,500.00	1,300.00
Total	\$563,286.55	\$1,600,915.67

TABLE 3: REVENUE FROM GOVERNMENT LAND LEASES

LOCATION	REVENUE (\$)	
	FY19/20	FY20/21
Tafaigata	19,200.00	16,250.00
Vaialele	8,400.00	5,000.00
Maagiagi	1,200.00	1,200.00
Tufuiopa	1,500.00	150.00
Total	\$30,300.00	\$22,600.00

TABLE 4: REVENUE COLLECTED FROM BURIAL PLOTS

3.2 CUSTOMARY LAND LEASE SECTION

Management of Customary Land Leases & Licenses

The Customary Land Lease Section administers the licensing and leasing of customary lands on behalf of the Minister who is the Trustee for beneficial owners of customary lands in accordance with the provisions of the Leasing and Licensing of Customary Land Act 1965.

The Minister may grant a lease or license over Customary land in accordance with the purpose of usage and more importantly align with Samoan customs, to the advantage and fulfillment of desires and interests of the beneficial owners of the land and the public interest in general for the following purposes;

- For an authorized purpose approved by the Minister (religious, business or agricultural purposes; 20 + 20 year lease).
- For a hotel or industrial purpose; 30 + 30 year lease.
- For forestry purpose to comply with the Forests Act 1967.

The following works were carried out during this FY:

- 6 Site inspections of new leases including one in Upolu and one in Savaii
- 34 Mail deliveries of rental advice and decisions on customary lands
- 23 New leases signed within this financial year alone
- 20 Publications of New Lands to be leased and license for family use
- Preparation of legal documentation of new leases as well as old ones without documents
- Continuous updating database of customary lands
- Updating and sorting of customary land lease and license files into chronological order to ensure they are updated for scanning and database
- Conduct meetings with Customary Land Beneficial Owners on ways for the economic use of their customary lands that are not in used to generate income
- Collaborate with Customary Land Advisory Commission (CLAC), giving our fully support to organize awareness program through television and other media as well as consultation to promote the economic use for leasing and licensing of customary lands in Samoa.

Month	Total Revenue (\$)	
	FY19/20	FY20/21
July	\$43,209.96	\$17,381.48
August	\$7,750.70	\$6,312.38
September	\$5,047.15	\$5,964.22
October	\$4,896.99	\$4,172.85
November	\$5,351.41	\$2,971.39
December	\$2,653.64	\$1,535.89
January	\$6,497.36	\$2,770.57
February	\$1,138.15	\$3,290.49
March	\$5,303.53	\$1,107.82
April	\$1,813.70	\$11,280.17
May	\$1,974.39	\$738.75
June	\$2,937.92	\$2,149.88
TOTAL	\$88,574.90	\$59,675.45

TABLE 5: REVENUE FROM CUSTOMARY LAND LEASES

TOTAL	FY19/20	FY20/21
	\$49,244.80	\$17,000.53

TABLE 6: REVENUE FROM CUSTOMARY LAND LEASES COMMISSION (5%)

There has been a significant drop in revenue from the 5% commission of financial year 2019 – 2020 to 2020 – 2021. This decline is the result of many resorts and hotels being affected by the global Covid19 pandemic prohibiting the inflow of tourists to Samoa which helped many resorts

and hotels in Samoa earn money. Moreover, a number of Leases on Customary Lands have been terminated, due to family disputes over ownership of land and other matters related to the leased lands.

3.3 LAND DEVELOPMENT SECTION

Month	Applications Received per Financial Year			
	FY19/20		FY20/21	
July	0	0	0	0
August	0	0	0	0
September	0	0	2	1,000.00
October	0	0	1	500.00
November	1	500.00	0	0
December	0	0	0	0
January	2	1,000.00	0	0
February	1	500.00	1	500.00
March	2	1,000.00	1	500.00
April	0	0	0	0
May	1	500.00	0	0
June	1	500.00	5	2,500.00
Total	8	\$4,000.00	10	\$5,000.00

TABLE 7: REVENUE FROM RECLAMATION APPLICATIONS

The table shows a slight increase of \$1,000.00 in the total revenue as well as the number of applicants proposing to reclaim the coastal foreshore.

Month	Permits Issued	Approved Volume (m ³)	Total (\$)
July	0	0	0
August	6	46	330
September	9	219	1,545
October	9	109	545
November	4	102	810
December	2	54	520
January	1	10	50
February	0	0	0
March	3	70	350
April	3	30	150
May	2	19	95
June	1	20	100
Total FY 20/21	40	679m³	\$4,495
Total FY 19/20			\$27,485

TABLE 8: REVENUE FROM SANDMINING APPLICATIONS

Month	Permits Issued per Financial Year			
	FY19/20		FY20/21	
July	3	385.00	0	0
August	7	490.00	0	0
September	0	0	0	0
October	3	500.00	3	300.00
November	0	0	1	50.00
December	0	0	1	20.00
January	1	80.00	0	0
February	4	300.00	0	0
March	2	180.00	6	880.00
April	0	0	6	2,450.00
May	0	0	5	440.00
June	0	0	3	500.00
Total	20	\$1,935.00	25	\$4,640.00

TABLE 9: REVENUE FROM STALL PERMITS

The total number of permits issued for stalls has increased since the last financial year. Consequently, the total revenue for stalls has also increased by \$2,705.00; mainly from the usage of Malaefatu National Park and Reserve for stalls and activities such as gospel outreach programs, youth group fun games, awareness programs and fitness activities.

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Financial Year	Number of Permits/Licenses Issued	Total Revenue (\$)
2019-2020	3	\$400.00
2020-2021	6	\$240.00 (2 exempt from payment: MNRE MET Division & Forestry Division)

TABLE 10: REVENUE FROM BILLBOARDS/SIGNAGES ON GOVERNMENT LANDS

Despite the increase in the number of billboard permits being issued in this financial year, the revenue has declined as 2 permits belonging to the Ministry itself (Forestry & MET Divisions) were exempt from payment, while the rest were temporary signages set up only for the purpose of general elections campaigns.

ACTIVITY SOURCE	REVENUE (\$)	
	FY19/20	FY20/21
Reclamation	4,000.00	5,000.00
Sandmining	27,485.00	4,495.00
Stalls	1,935.00	4,640.00
Billboards	1,500.00	240.00
Total	\$34,920.00	\$14,375.00

TABLE 11: TOTAL REVENUE COLLECTED UNDER LAND DEVELOPMENT SECTION

3.4 LAND REGISTRATION SECTION

The Land Registration Section collected within this Financial Year 2020/2021, from all its revenue-generated services the total amount of \$236,789.00 (refer Table 16). There is a minimal drop/difference from the last financial year's earned-revenue and this is a transparent evidence of the impact of the COVID pandemic on the financial status of this fiscal year.

Registration services conducted this fiscal year amounted to 2,127 lodged legal registration instruments (Transfer, Mortgage, etc.) generating \$212,700.00 (refer Table 13 & 17) and land search services (Computer Folio Certificates, A4 & A3 Copies) totaling up to 4,654 and generating

\$24,089.00. These services were provided on a daily basis to the public & Law Firms by the Land Registration Section.

For the Registrar’s internal services, these are all exempted of \$100.00 registration fee. The total number of instruments amounted to 1,211 (refer Table 3.4.3). These

services include updating & registration data-clean up, registration of Registrar’s Dealings, Conversion of titles from manual Land Register to Computerize System (SOLA System), cancelling & creating new titles upon new land subdivisions as well as termination of leases registered on Government Lands.

Nature of Instrument	Lodge 2020/2021	Carry Forward 2020/2021	Total	Registered 2020/2021	Cancelled	In Progress	Requisition 2020/2021
Transfer	714	26	740	716	5	2	4
Mortgage	517	1	518	514	7	2	0
Discharge of Mortgage	434	3	437	431	2	2	2
Variation of Mortgage	39	2	41	39	0	0	0
Transmission	54	15	69	54	1	0	0
Miscellaneous	11	27	38	7	4	0	0
Record Caveat	50	9	59	4	4	0	2
Lease Customary Land	15	0	15	15	0	1	0
Lease Government Land	49	0	49	49	0	0	0
Lease Freehold Land	75	1	76	75	0	0	1
Variation of Lease	2	0	2	2	0	0	0
Unspecified Lease	3	0	3	0	4	2	0
Termination of Lease	23	2	25	21	1	1	1
Assignment of Lease	6	0	6	6	0	0	0
Change Right or Restrictions	17	0	17	16	1	0	0
Removal of Caveat	22	4	26	18	4	0	0
Power of Attorney	89	4	93	88	- 1	1	0
Revoke Power of Attorney	5	0	5	1	4	0	0
Record Standard Memorandum	2	0	2	2	0	0	0
Total	2127	94	2221	2102	38	11	10

TABLE 12: TOTAL NUMBER OF INSTRUMENTS REGISTERED FY20/21

Internal/Official Registration (Exempt of Registration Fees)	
Description	Total
Correct Registry	172
Registry Dealings	31
Conversion	20
Change Estate Type	3
Create New Title	811
Cancel Title	166
Termination G & C Leases	8
TOTAL	1,211

TABLE 13: NON-REVENUE REGISTRATION SERVICES (REGISTRAR’S INTERNAL SERVICES)

Revenue from Official Searches & Registration Forms FY20/21		
Services	Amount	Revenue
Search & Copies (A4/A3)	3,083	16,234.00
Registration Forms	1,571	7,855.00
TOTAL	4,654	\$24,089.00

TABLE 14: REVENUE COLLECTED FROM SEARCHES AND REGISTRATION FORM SERVICES

TOTAL REVENUE FROM LAND REGISTRATION SECTION FY20/21		
Type of Registration Services	Total Number	Total Revenue (\$)
Registration	2,127	212,700.00
Search, Copies & Forms	4,654	24,089.00
TOTAL	6,781	\$236,789.00

TABLE 15: REVENUE COLLECTED FROM EXTERNAL REGISTRATION SERVICES FY20/21

Instruments	Received	Revenue
Transfer	714	71,400.00
Mortgage	517	51,700.00
Discharge of Mortgage	434	43,400.00
Variation of Mortgage	39	3,900.00
Transmission	54	5,400.00
Miscellaneous	11	1,100.00
Record Caveat	50	5,000.00
Lease of Customary Land	15	1,500.00
Lease of Government Land	49	4,900.00
Lease of Freehold Land	75	7,500.00
Variation of Lease	2	200.00
Unspecified Lease	3	300.00
Termination of Lease	23	2,300.00
Assignment of Lease	6	600.00
Change Right or Restrictions	17	1,700.00
Removal of Caveat	22	2,200.00
Power of Attorney	89	8,900.00
Revoke Power of Attorney	5	500.00
Standard Memorandum	2	200.00
TOTAL	2127	\$212,700.00

TABLE 18: REVENUE COLLECTED FROM REGISTERED INSTRUMENTS

3.5 LAND VALUATION SECTION

Performance Indicator or Measure	Budget Target	Traffic Light Progress Indicator	Comments
Number of applications for valuation processed	100	Achieved/ On Target	152 valuation recorded: 147 individuals 5 Land Taking matters
Number of stamp duty applications processed and approved	400	Achieved/ On Target	Instrument presented to the Ministry for stamping: 706 transfers recorded

TABLE 16: KEY PERFORMANCE MEASURES FOR LAND VALUATION SECTION

Descriptions	Number of Instruments	Revenue Collected
Stamp Duty applications approved	706	\$4,044,290.63
Valuation assignments	152	\$59,800
Valuation for compensation purposes (per Taking of Lands Act 1965)	5	0
Annual Practice Certificates for Registered Valuers	6	\$1,500

TABLE 17: VALUATION ACTIVITIES AND TOTAL REVENUE COLLECTED

3.6 LAND COMMISSION SECTION

Land Commission continues to ensure that all land matters are well managed and properly taken for decision and endorsement by the members of the Land Commission at Court

LOCATION	REVENUE 2019-2020	
	CLAIMS (\$500.00 ea)	OBJECTION S (\$500.00 each)
1 Land Claim submitted to re-advertise Claim No. 147 Land called "Tuvao" at Leauvaa	1	2
Total Revenue from Claims	\$500.00	\$1,000.00
TOTAL REVENUE 2019-2020		\$1,500.00

TABLE 19: REVENUE COLLECTED FROM LODGED LAND CLAIMS & OBJECTIONS FOR INVESTIGATIONS

There were no Land Claims lodged for investigation for FY 20/21 nor any meetings of the Land Commission due to the Measles Epidemic and the pandemic State of Emergency restrictions



OUTPUT 4: LAND TECHNICAL SERVICES

4.1 SURVEY SERVICES

Survey Section execute 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 surveys executed by private Surveyors.



Boundary marking for Sasina & Aopo

Geodetic Control Network

Survey Section is also responsible for the establishment, maintenance and upgrading of Geodetic Control Network. The networks consist of the horizontal and vertical datum. It is the framework or backbone of all surveys in Samoa. For this financial year, there is small percentage of work completed due to 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 airport which was known by the name Continuous Global Position System Stations (CGPS). The Survey Section is also responsible for the maintenance of both stations.

-Fagalii GNSS station is to monitor climate change and Sea Level Rise in the region and it is the effort and collaboration by 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, two (2) new surveyors issue their license to become register surveyor in Samoa. So this make the total of eight (8) annual practicing certificates issued to private surveyor in the private sector, one (1) issued to Land Transport Samoa Land Corporation (SLC)

surveyor and three (3) issued to the Ministry surveyors. The following are the registered licensed Surveyors in Samoa.

Registered licensed Surveyors in Samoa.		Status
1	Tuala Piki Tuala	Private
2	Manu'alesagalala Lemalu Enokati Pelo	
3	Galuvao So'oalo Viliamu Sepulona	
4	Seve Keilani Soloi	
5	Alaiasa Sagalala Salanoa	
6	Seiuli Ueligitone Seiuli	
7	PesetaTupai Eseta Maulaivao	
8	Ataataotaulelei S. Salanoa	
9	Safuta Toelau Iulio	MNRE
10	Asi Vitaoa Peleipu Fuatai	
11	Tuala Petania Tuala	
12	Levei Tanoi Auelua	LTA
13	Safiu Fenika Oloapu	SLC

TABLE 20: REGISTERED LICENSED SURVEYORS

The services are provided in accordance with Survey Act 2010, Survey Regulations 2011 and Ministerial Policies off land related matters.

Work Executed within	Status	# of Lots	Combine d Areas (hec)
	9 requests 9 completed	11 lots	13.8686ha
Subdivision Survey and others	11 requests 8 approved 3 ongoing	24 lots	28.5093ha
Established of new survey point(GPS)	23 requests 23 completed	53 Survey Points	
Land and Titles Court	1 request 1 completed		

TABLE 21: LIST OF WORKS EXECUTED BY THE LAND SURVEY SECTION

Revenue collected	No.	Fee	Total
Surveyors Annual Practice Certificates	10	\$200	\$2,000
Hire of GPS equipments (Established of new marks for horizontal network)	23	Between \$200 to \$300	\$4,500
			\$6,500

TABLE 22: REVENUE COLLECTED FROM LICENSES AND HIRAGE OF GPS EQUIPMENT

4.2 SURVEY QUALITY ASSURANCE

The Survey Quality Assurance is responsible in receiving and reviewing of all survey plans lodge by Licensed Surveyors requested by public to enhance their needs in approving the plans & registration of their titles, lease & mortgages. It also support the Registration of Lands 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 and Plan numbers. Scan all approved Plan a record on T- Drive. Maintenance & updating of Solution for Open Land Administration (SOLA) System

Output	Performance Measures	Achievements
Plans received from Licensed Surveyors for review and approval.	278 plans prepared and taken for ACEO's assessment before action of lodgement.	Completed and forward to lodge to the system.
Plans to be lodged to the system	278 plans lodge to the system	Completed
Examination of plans	278 plans examined by mathematical check, comparison of old marks, boundaries, Field Books, Traverse sheets, Datum, Origin and Plan face, calculation of areas & etc.	All completed and 215 plans approved, 58 plans return to Surveyors for requisitions and 5 on investigation
Scan Approved Plans	215 copies of approved plans send to surveyors 215 approved plans scanned and saved to the System (T-drive) for public use at the counter.	All completed and achieved on going
Approved plans digitized	Digitized 145 approved Plans on the Solution for Open Land Administration (SOLA) for the purpose of the Land Register of titles. The four plans (4) are for the district boundary, 32 plans for lease and 34 plans proclamation and control	Completed and achieved on going
Puma Consent	145 Puma consent received and reviewed	Completed and plan approved

TABLE 23: KEY PERFORMANCE MEASURES OF THE SURVEY QUALITY ASSURANCE SECTION

	Receipts	Internal
Plan Examination fees	\$20,963.00	\$632.50
Field Books	\$ 550.00	\$150.00
Plan Copies	\$ 843.00	\$22,889.00
Total	\$22,356.00	\$23,671.50

TABLE 24: TOTAL REVENUE COLLECTED FY20/21

Service given with high quality of work to urgent request to be satisfied the Acts & Regulations.

4.3 NATIONAL MAPPING

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 spatial dataset/GIS layers which were used for the production of the National Topographical Maps of the whole country. It also provides technical services and the application of GIS on various fields if needed by the ministry, external ministries and private organization. We also provide 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.

Output	Performance Measures	Achievements
Number of maps produced and sold both public and government ministries.	Both electronic and hardcopies maps been produced	100% maps produced and sold both public and government ministries.
Number of Spatial Dataset License Agreement signed and released	Spatial dataset has been request by government ministries and internally for their projects work.	6 Spatial data License Agreement has been signed and released its dataset both internal and external, 1 set of selected data released for internal project.
Compiling GIS layers for the ground truthing conducted on the financial 2021-2022	Delineation of GIS layers using the imagery 2015.	8 GIS layer already been digitized and compiled for the ground trothing in fy 2021-2022.
Number of delimitation maritime boundary for Samoa's EEZ	All four neighboring countries had already exchanged its datasets.	Bilateral Talks with NZ and U.S conducted and discussion on our exchanged proposed median line. Complete verification of U.S proposed median line, more technical will be conducted when Samoa receive response from issues

TABLE 25: KEY PERFORMANCE MEASURES FOR THE MAPPING SECTION



Land Technical Services Division shared knowledge and experience based on the National Maritime Boundary in Samoa and the Pacific Region.



OUTPUT 5: ENVIRONMENT AND CONSERVATION

5.1 TERRESTRIAL BIODIVERSITY CONSERVATION

- Developed and translate the following measures for the implementation of Access and Benefit Sharing. Biocultural Community Protocol for Faleaseela and Aopo which will assist the communities in their process of Access and Benefit Sharing. Two communities will use their BCP to guide access to their Genetic Resources and ensuring the equitable sharing of any benefits arising from the utilization of GR and associated Traditional Knowledge.
- Guideline for the access of Traditional Knowledge associated with Genetic Resources. To access traditional knowledge associated with Genetic Resources all researcher must follow and adhere to the Guidelines now in place for Samoa.
- Developed the following documents and tools for the implementation of Access and Benefit Sharing.
- Access and Benefit Sharing/Traditional Knowledge associated with Genetic Resources Database. The Database is a very important tool to track and monitor Access and Benefit Sharing as well as Compliance.
- Draft Standalone Bill for the management of Genetic Resources and associated Traditional Knowledge. This is a bigger achievement for Samoa if the Bill is finalized as it will provide legal certainty over its process and protocols now in place for Access and Benefit Sharing.
- Access and Benefit Sharing Communication Strategy.
- Completed Site Assessment Survey for Terrestrial Biodiversity for both Savaii and Upolu.
- Bio-discovery Analysis Report



ABS Project Launching



Terrestrial Monitoring Survey

5.2 MARINE BIODIVERSITY CONSERVATION

- Samoa Ocean Strategy 2020-2030 finalized, signed and officially launched;

- National Ocean Steering Committee (NOSC) established with 1st and 2nd meetings convened;
- 2 technical working groups (TWG 1 & TWG 2) for the Samoa Ocean Strategy with first meetings completed;
- Completed Summary Report and Revised Draft CITES Bill 2021;
- Aleipata Districts Marine Protected Area (MPA) management plan 2020-2025 finalized, endorsed and officially launched;
- Four mangrove reserves established with Management Plans finalized, endorsed and officially launched: Vaovai, Poutasi, Lotopue-Malaela (2020-2025) and Vaiusu 2021-2025;
- Marine resource identification guide finalized and published;
- Completed 3 rapid site assessments for mangrove areas of Matautu-Lefaga, Tuanai and Saina;
- Completed mangrove habitat replanting for Matautu-Lefaga and mangrove waste cleanup and replanting for Lotopue-Malaela;
- Completed 14 awareness and community outreach programs: 7 communities on MPA and mangroves and 7 schools (secondary and primary) educational programs on mangroves, coral reefs and key migratory species;
- 2 x tv ads on mangroves and MPA developed and published on national television channels, MNRE website/FB, Nature Conference website;
- Set up of displays of CITES pull-up banners (English, Samoan, Chinese) at Faleolo International airport;
- Marine Spatial Planning (MSP) implementation on-going with completion of; (i) Bioregion workshop (ii) National workshop on the communication and consultation framework (iii) Support Working Group 1st meeting (iv) Training for the Consultation Core Team.



Promote and Facilitate the establishment of Marine Protected Areas (MPA) in communities



Siufaga Community successfully launched their Mangrove Conservation Project



Tree Planting to commemorate the World Earth Day 2021 at the Vailima Botanical Garden.

5.3 NATURE RESERVES CONSERVATION

- Completed the third phase of training for field staff on Botanical and Nursery techniques in collaboration with NUS and SCS.
- Completed collection of XX Samoan Native seedlings.
- Ongoing monitoring of 13 reserves under Parks & Reserve Section.
- Draft MOU for Fasitoo-uta Reserve establishment
- Draft Regulations for all Reserves use
- Ongoing maintenance of the RLS loop trail.
- Ongoing monitoring for Zone 2 reserves under contractual services.
- Updated Database for Mt Vaea Ecosystem Resilience and Forest Restoration Project.
- Updated Database for Nursery Operation at DEC Vailima.
- Assist in the terrestrial survey conducted for both Upolu and Savaii
- Completed 11 tree planting activities for Mt Vaea Nature reserve by different organizations.
- Complete construction of A'opo Upland Base station.
- Draft Pest Control guide for Rat operation in place.



Traininig on Plant Identification



Tree Planting at the Vaitele-Fou national reserve (old quarry).

5.4 SOLID WASTE MANAGEMENT SERVICES

- Completed a feasibility study on Advance Recovery Fee/Deposit for certain products to assist material recovery and recycling (3R + Return) when they become wastes and promotion of Circular Economy Concept
- Implement Styrofoam take away food containers (plates, cups and trays) ban and monitoring and enforcement of the Waste (Plastic Bag) Management Regulations 2018;
- Conducted 3 tv and 1 radio programs strengthening awareness on Styrofoam ban and publishing of public notices on Ministry's website and FB page;
- Completed refresher training for Authorized Officers to assist with law enforcement;
- Completed 3 community outreach programs on waste management for Vaiusu, Matautu-Lefaga and Falevao villages;
- Conducted mangrove cleanup and waste audits for Vaiusu, Lotopue and Moataa villages;
- Completed 4 schools composting demonstration for GCF-VCP in minimizing open burning and prevention of waste dumping in the Vaisigano river;
- Ongoing monitoring of all waste related contracts;
- Developed and implement the waste collection services monitoring system using the GPS technology;
- MOU signed and Implementation Plan endorsed for J-PRISM II pilot project in partnership with Samoa Recyclers and Waste Management Association (SRWMA) for PET plastic bottles;
- Completed 2 workshops for schools in the urban area as pilots sites for UNDP's Circular Economy Recovery Of (CERO) Waste project with the development of awareness and promotional materials;
- Completed AFD-SWAP (Sustainable Waste Action Project) regional steering committee meeting; confirming waste oil as Samoa's priority waste stream;



General Waste Collection around Motootua Hospital and Vaitele Vicinity



Bulk Waste Collection

5.5 CHEMICALS AND HAZARDOUS WASTE MANAGEMENT

- Assisted Solid Waste Management Section on the data collection for the Feasibility study on the development of an Advance Recovery Fee (Deposit), and the implementation and enforcement of the Plastic Ban regulation through the phasing out of Styrofoam plastics
- Conducted 24 regular monitoring for Tafaigata Sludge facility
- Conducted 6 regular monitoring for Vaiaata Sludge facility at Savaii
- Conducted 24 regular monitoring of three(3) public toilets maintenance at Mulinuu, Sogi and Eleele-fou
- Conducted 2 monitoring to ensure effective management of health care wastes in terms of collection, storage and disposal.
- Two site inspections cases monitored on asbestos at Meteorology office and Matautu custom's building.
- Nine(9) toner collections conducted for the SSAB-MNRE-HP take back initiative
- Twenty four (24) open burning site inspections conducted. 5 warning letters issued due to non-compliance.
- Distributed 7 wheelie bins and 1 skip bins for collection of e-wastes (2 MOH, 1 MESC, Tanugamanono Primary, Avele College, Papauta Girls College and Leififi College, 1 skip bin at John Williams Building)
- Conducted 1 school awareness for Samoa Primary on impacts of inappropriate management of chemical and hazardous wastes

- Four (4) school composting of green wastes program conducted for Tanuagamanono Primary, Avele College, Papauta Girls College and Leififi College.
- Two (2) community consultations conducted for local service stations at both Upolu and Savaii, on safe management of used oil in terms of storage and disposal.
- One community consultation conducted for Lefaga and three (3) community waste audit/clean-up programs conducted for Vaiusu, Lotopu'e Aleipata and Moataa.
- One National clean-up conducted in the town area to celebrate the World Recycling day, an initiative coordinated by the SRWMA.
- Assessed 9 transboundary movement of chemical and hazardous wastes applications received (6 transit
- Completed 1st Steering Committee Meeting for the PacwastePlus Project. Finalized and submitted National Project document prioritizing E-Waste management to be funded under Pacwaste Plus project
- Launching of the Cero Waste inception workshop
- Completed the coral reef survey for Tafitoala village as part of the Safata MPA monitoring survey; and 3 exportation)



Clean-up and Waste Audit at Vaiusu Mangrove-



Clean up and Waste Audit at Siufaga and Falelatai Mangroves



OUTPUT 6: FORESTRY MANAGEMENT, PLANNING & RESEARCH SERVICES

6.1 EFFECTIVE AND SUSTAINABLE MANAGEMENT OF ALL TYPES OF FORESTS

- 106.2 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 and agroforestry programs.
- 554.3 maintained in four National Parks and Vaipouli
- 202 new farmers registered and participated in Community and Agroforestry programs
- 3 Management Plans completed and launched (Lake Lanoto'o National Parks, Mauga o Salafai National Parks and Laulii – Falevao Community Conservation Area.
- 41 Pre-Harvest Inventories conducted
- Awareness program conducted on community forestry, agroforestry, forest conservation, forests and water, forests and climate change, etc,



Initial Assessment on the newly planted native trees in the OLPP National Park



6.2 STRENGTHENED RESEARCH AND DEVELOPMENT FOR SUSTAINABLE FORESTS MANAGEMENT

- Research on biomass and carbon stock estimation per tree species: 19 trees (17 species) assessed including harvested, sampled, weighed, dried, monitored, recorded and calculated for Aboveground Biomass (AGB) and Carbon Stock (CS) estimation. Species including masame, lopa, talie, mosooi, aamatie, asitoo, calliandra, cordia, filimoto, laupapata, ma, mahogany, poumuli, pulumamoe, taputoi, tava and tuna. 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. Three new plots were established under PIRFI project in collaborative effort with Samoa Conservation Society (SCS) and Falealili community with the villages of Saaga, Poutasi and Saleilua. Initial measurements were taken including weed assessment to assess weed infestation within a 50cm radius plot per seedling.
- Phenology studies: - 53 new trees (20 species) were tagged in July 2020 at Malaevaalele and Ao o le Malo Reserve as new sites for phenology study. All species were monitored on a monthly basis including 28 trees (11 species) existing Masamasa Falelima National Park.
- A series of presentation was conducted with NUS Students to raise awareness on forestry research and development as well as wetlands conservation

6.3 PLANNING AND POLICY FRAMEWORK FOR SUSTAINABLE FORESTS MANAGEMENT

- 67% of forest conservation and production layers updated through survey and data collection
- 11 Sawmills registered
- Thirty nine (39) out of forty four (44) Forestry Harvesting Licenses and Permits approved and issued
- Revenue of \$10,323.00 has been collected from application and natural resources fees, registration of portable sawmills and registration of new farmers participated in the Community Forestry Program.
- More than 75% of forestry awareness and educational programs conducted throughout the FY 2017-18. These included community consultations, national awareness days, school tours and tree planting events.
- Awareness program conducted on the Forestry Management Act 2011 especially on the regulation of forest harvesting and sawmills

Groundtruthing Survey- June 9, 2021



Forestry division leads the final phase of the implementation of Groundtruthing survey of Vaisigano catchment area funded by the GCF-VCP project. The purpose of this survey on forest status primarily aims to identify the degraded and open areas needed for the ecological restoration as well as conservation and

sustainable management of the catchment area to provide the baseline information and indicators for Vaisigano Catchment Project. Afioga Cedric Schuster undertake the consultancy of this survey



SASNOC Tree Planting



Divine Mercy Primary School Tree Planting Activity



Tree planting by Vaitele Uta Ward Youth Auxiliary of The Church of Jesus Christ of Latter Day Saint



The Two Million Tree Planting Campaign



World Earth Day



Workshop with Science Students from NUS



Susau Siolo of Forestry Division presented to the Ministry on Green Climate Finance during the Continuous Learning Session



OUTPUT 7: METEOROLOGY DIVISION

The division has made considerable improvements in the service with the increase in the number of activities completed for Key Performance Indicators approved under the financial year 2020-2021. There is currently a growth of duties and responsibilities in the essential monitoring of seismic, weather, and climatic events that can impact the country.

7.1 WEATHER SERVICES

- Consistently carried out quarterly maintenance (3 monthly) of the weather infrastructure network (AWS and Radar Wind Profiler) which included repairing communications faults and replacing integrated circuit parts from stations across Upolu and Savaii.
- Monitored the data quality of 3-hourly synoptic reports collected, coded, and disseminated by the Meteorological Technicians
- Continued regular checklists on the Delairco Reports to highlight interruptions within the network forecasting service
- Forecast products issuances increase to 4 times a day (every 6 hours) a requirement of the Quality Management System for a 24/7 meteorological service
- Continuous effective operation and maintenance of Forecasting Systems VISUAL WEATHER and MOVING WEATHER
- Television Weather reports prepared, edited, and distributed effectively
- Disseminated SMS for Warning and Advisory bulletins via Early Warning Forecasting Systems (IBL)
- Circulated Severe Weather Information to focal points of all sectors via designated mailing list
- Successful service delivery to website, YouTube channel, radio, social media platforms, and TV
- Improved weather graphics and presentation, incorporating new ideas to be implemented;
- Successfully transmitted Meteorological Aerodrome Report (METAR).
- Implementation of the Quality Management System (QMS)
- Letter of Exposition and documentations received by the regulatory body at MWTI. Still on hold until an adequate number of qualified staff can be employed under the Meteorology Division
- Reviewed existing manual, procedures and processes
- Engage staffs in virtual capacity building and staff development programs
- Internal staff training continued more regularly as the other mode of capacity building at Nodding Sessions on Mondays and Fridays. This Weather Briefing forum is aimed at knowledge sharing and build forecasters or observers' confidence through oral presentations.

- Monthly preparation other weather summary by utilizing the forecasts and observations to explain weather phenomena that impact Samoa
- Successfully compiled case studies for the Meteorology Division research group and meeting the regional requirements under the Severe Weather Forecasting Program of the WMO.
- Contributed regularly and actively in the CDCRM and CREWS outreach programs to communities around Samoa. Increase in weather-related community based and disaster risk reduction awareness programs in collaboration with DMO and counterparts from government entities and the private sectors
- Participate in research and peer-review writings. Author and co-author papers cited by the newly released IPCC report
- Conducted regular school visits and tours to the forecasting and operations room
- Recruited 3 new Science graduates as Scientific Officers with plans to send them to undergo WMO Specialize Meteorological trainings.
- Provide information to the CDC (e.g. tropical cyclone information).



The MET and SPREP team presented on how farmers can incorporate climate, weather and tide information and data to better manage their farms



Commemoration of the World Ozone Day- September 2020

7.2 CLIMATE SERVICES

- Upgrade Climate Database Management System, Data Rescue and Data Digitization
 - Ongoing management of rainfall and climate stations observation network

- Ongoing maintenance and calibration of meteorological equipment to improve quality
- Effective Seasonal Climate & Ocean Prediction Services
 - Twelve (12) numbers of Seasonal Rainfall Outlook disseminated.
 - Twelve (12) numbers of Early Action Rainfall (EAR) Watch Bulletins
 - Twelve (12) numbers of Ocean Outlook Bulletins
- Effective monitoring of climate variability and long term change
- Twelve (12) numbers of Climate Summary Report issued.
- Ongoing contribution to CDC report cards.
- Capacity Building Opportunities
- The capacity building trainings were conducted to improve skills on seasonal climate forecasting and the importance of the inclusion of traditional knowledge into modern/contemporary forecast.
- ACCESS-S or the Australian Community Climate Earth-System Simulator – Seasonal Training workshop 22-24 June, 29 June-1 July 2021.
- Services for Multi-Sector decision making and planning.
- AGRO-MET Project is a collaboration with Food and Agriculture Organization (FAO), The University of the South Pacific (USP) and Ministry of Agriculture & Fisheries (MAF) with the main focus to produce a simple, understandable and user-friendly meteorological bulletin for farmers.
- Revamped of the Climate Early Warning System with the Health Sector (H-CLEWS) to flag future climate-related diseases.
- Revamped of the Water Model Balance with the Electric Power Cooperation (EPC) to assist the
- Collect and document Traditional Knowledge (TK) on Climate Predictions and Environment Indicators
- Ongoing monitoring processes at TK Monitoring Sites in Upolu and Savaii.
- Ongoing verification of TK Stories and surveys.
- Contributed regularly and actively in the CDCRM and CREWS outreach programs to communities around Samoa.



Celebrating World Refrigeration Day- September, 2020

7.3 OZONE SERVICES

Implementation of the Institutional Strengthening Project under the Montréal Protocol on substances that depleted the Ozone Layer

- ISP Phase X implementation progressing well
- Phase XI approved by Executive Committee of the Multilateral Fund
- 4 National Ozone Committee quarterly meetings conducted
- Licensing system operational
- 4 RAC technician training conducted
- Data obligations fulfilled

HCFC Phase-out Management Plan Stage 2

- Funding approved by the Executive Committee of the Multilateral Fund
- Implementation will initiate in October 2021

Enabling Activities for the HFC Phase down

- 100% complete.
- Country Assessment report produced

Conducted 4 Refrigeration and Air Conditioning (RAC) trainings for technicians

- RAC trainings provide technicians the opportunity to refresh skills and build capacity to improve on RAC servicing around the country. Some of these trainings were conducted virtually due to COVID-19



Opening of the RAC Training



Participants for the Refrigeration and Air Conditioning (RAC) Training

Two National Inspections completed for companies handling controlled substances in the RAC Sector, conducted on the 15-28 July, 2020 & 8-26 March, 2021

- Inspections conducted by the Ozone Services team aims to ensure all companies and technicians handling refrigerants are compliant with the Licensing System conditions



Practical for RAC Training

Workshops conducted for Customs & Enforcements Officers – 15 April, 2021

- Training workshops carried out for Customs, Quarantine and Energy Officers ensures the effective monitoring of appliances and goods when they arrive at the border. Equally important is the capacity of enforcement officers to identify controlled substances not only during the Customs clearance process but also in the local market



Customs & Enforcement Officers

HCFC Phase-out Management Plan Stage 1. Continuous Assistance provided to RAC sector

7.4 GEO SCIENCE SERVICES

- Enhancing of the mechanical services to the Ministry;
- There are 29 services of Met. Office vehicles and drilling rig, and one overall maintenance of the drilling rig.
- Ocean services mandated to carry out the Ocean Acidification (OA) Project; and equipment receive including alia boat for ocean buoy maintenance work and data collection and project equipment for ocean data collection.

The OA Project aims to undertake urgent actions to protect coral reefs and other vulnerable marine ecosystems through the development and implementation of comprehensive and integrated approaches for the management and the enhancement of their resilience to withstand pressures, including from ocean acidification

and invasive species, and by drawing on measures such as those identified in the Framework for Action 2013 of the International Coral Reef Initiative.

The progress is now most of the monitoring equipment are procured and arrived in Samoa. The old storage building at the Meteorology Division at Mulinuu has been renovated and to be used as a OA Laboratory. Due to COVID 19 travel restrictions the OA buoy system installation will be on hold pending arrival of expert teams from Korea by end of 2021 to carry out buoy launching and conduct capacity building on OA related deliverables.

Drilling investigations

- Drilling investigations is the main source of revenue earning for the division
- Two drilling investigations were carried out on behalf of EPC-one from September to November 2020 at Fuluasou and one from 01st-12th December 2020 at Salelologa

Earthquakes and Tsunami related deliverables

- There are 34 felt Earthquakes from July 2020 to June 2021.
- There were 1796 earthquake reports analyzed
- There are 12 summaries of Earthquakes recorded and are ongoing
- There were 59 SMS messages regarding earthquakes
- There were 131 Information Bulletins regarding earthquakes of both local and regional events
- Geological and Geotechnical drilling investigations
- There were two Geological and Geo-Technical Drilling investigations conducted and reported
- Geo-Magnetic Reports
- There were 76 Geo-magnetic reports done from July 2020 until June 2021.
- Contributed regularly and actively in the CDCRM and CREWS outreach programs to communities around Samoa.



RACAS Team Building Activity



OUTPUT 9: WATER RESOURCES MANAGEMENT DIVISION

Water Resources Division and its objectives are achieved. In addition to this, there has been a very big contribution from the Water Resources Division in the implementation of project activities, all of which are directly in line with the water resources management mandate. These projects include the Green Climate Fund - Vaisigano Catchment Project (GCF-VCP), Pacific Resilience Program (PREP), Economy Wide Adaptation to Climate Change (EWACC) as well as the Ridge To Reef Project which has now been completed. The commemoration of the World Water and Forests Day was also successfully conducted on the 22nd March 2021 in partnership with the Water, Sanitation and Hygiene Sector.

This report highlights some of the key achievements within the Water Resources Management component, and tracking these against the planned programs of the “Budget Targets 2020-21”, “National Environment Sector Plan 2017-21” and the “Water for Life: Water, Sanitation & Hygiene Sector Plan 2020-2025”.

9.1 STRENGTHENING WATERSHED CONSERVATION AND MANAGEMENT

The protection and conservation of our catchment areas has always been and continues to be one of the biggest priorities in water resource management. This includes maintaining good forest cover over watershed catchment areas and critical riparian zones to ensure that river flows are sustained throughout the dry periods, while flood events and sediment transport are regulated and retained in times of heavy rainfall. Many replanting and rehabilitation activities have been carried out in degraded riverside and upland watershed areas, including zoning away and removal of unsustainable agricultural activities. Fencing of reserved lands has also been a tool used to demarcate protected areas to prevent encroachment of cattle farming activities into critically degraded areas as well as rehabilitated lands.



Methodist land rehabilitation works

Watershed/sites	(Ha)	Analysis
Methodist Water Reserve (Vaisigano Catchment)	9	Methodist church land within riparian area of Vaisigano river, demarcated for water conservation as agreed on by the church. .
Afiamalu reserve (Vaisigano Catchment)	43.2	Rehabilitation and demarcation of the entire reserve in Afiamalu.
Vaisignao riparian – lower Vaisigano catchment	2.4	Riparian restoration using vetiver grass, to control soil erosion and sediments runoff, for riparian areas along the Vaisigano and Fagalii rivers.
Total	54.6 ha	

TABLE 26: AREA BREAKDOWN AND ANALYSIS OF WATERSHED SITES



Methodist land rehabilitation works

9.2 IMPROVE KNOWLEDGE AND UNDERSTANDING OF WATER RESOURCES;

The continuous expansion, upgrading and maintenance of the National Hydrometric Network remains as a priority under this component. This ensures both surface and ground water information is accurately captured for updating the National Water Resources Information System (NWRIMS), and supporting the flood/drought forecasting and monitoring role of the Hydrology Section. For FY20/21, 2 new telemetry rainfall stations were installed at Afiamalu and Maagiagi. This expands the hydrometric network to consist of 17 rain gauges, 15 water level and flow gauges and 30 monitoring boreholes. To date, 14 water level stations, 10 rain gauges and 10 monitoring boreholes have telemetry capability.



WRD ACEO Presentation on Policy and Legal Framework

There has also been an increased level of partnership with various religious denominations in the rehabilitation and conservation of their land parcels within the upland watershed areas, and protecting these as water reserves.



Flood Mark Survey after 18th Dec 2020 Flooding Event



Water Resource Division Personnel



Landslide clearing works for access to Alaoa West WL Station

9.3 IMPROVE THE ENABLING ENVIRONMENT FOR WATER RESOURCES MANAGEMENT;

There continues to be an emphasis on the administration and enforcement of the Water Resources Management Act 2008 and all water resources related regulations, bylaws, policies and plans. Managing the development of the resource through monitoring of compliance to license conditions and the continuous licensing of production boreholes and water infrastructure is essential to getting information on the quantity of water being abstracted from the environment.

Stakeholder involvement and support from the various Implementing Agencies within the WRM subsector has been very positive.

9.4 STRENGTHEN COMMUNITY ENGAGEMENT IN WATER RESOURCES MANAGEMENT

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



Virtual Meeting/Training for Operating FDSS Portal



WRD at Pesega College Career Day and Science Fair



Initial Consultation on WMP and Bylaws with Lau'i'i Community



The P3D Participatory Modeling Workshop for Matafa'a village



Plant Nursery for Tanugamanono Primary School



Consultation for Vaisigano Catchment with the community of Malololelei



The P3D Participatory Modeling Workshop for Nu'usuatia Watershed Area.



Internal Consultative Workshop on the Development of the Upland Watershed Management Regulations 2021



Upgrade of Le Pu'e Rainfall Station



Greening of Vaisigano Wall



OUTPUT 10: DISASTER MANAGEMENT OFFICE

During this financial year, DMO experienced some major institutional changes including the vacating of the ACEO position since December 2020 and starting the transitioning process of DMO's transfer from MNRE to MPMC. Moreover, DMO were hard-pressed responding to the COVID-19 State of Emergency Order (SOE), since March 2020, the December 2020 and January 2021 severe weather condition, and the Warehouse Fire in Vaitele. Amidst these changes and in carrying out its mandated roles DMO achieved milestones highlighted below.

10.1 COVID-19 OPERATIONS

The COVID-19 SOE order was activated on 20 March 2020 in pursuant of Section 106 of the Constitution of Samoa and the Disaster and Emergency Management Act 2007. The SOE order activates the NEOC. The NEOC with technical advice and leadership of the Ministry of Health (MOH) coordinate and facilitate a whole of Government Approach through the DAC under the National Disaster Management Plan. 2017 – 2020 (NDMP).

The SOE order activated since March 2020, promotes better preparedness and activates necessary precautionary measures in Samoa. The 52 SOE orders activated as at 30 June 2020 is a proactive stance to facilitate the activation of necessary COVID-19 preventative measures and provide space for better preparedness by Samoa.

The following preventative measures are currently being activated, implemented and coordinated through the implementation of the SOE order through the NEOC and the MOH:

1. Robust monitoring and limiting of all inbound international air and sea transport
2. Managing quarantine facilities and monitoring of persons in quarantine sites
3. COVID-19 testing and surveillance
4. Risk communication on COVID-19 risks and measures
5. Vaccination roll out for people in Samoa

During the financial year 2020-2021, the NEOC with technical leadership from the MOH progressively maintain Samoa's no case status ensuring no local or community transmission of the virus. During this period, NEOC coordinated 29 repatriation flights with 4589 passengers repatriated. In terms of vaccinations, NEOC coordinated support to MOH since the program started in April 2021. DMO supported MOH through assessments of 34 hotels and 2 community quarantine sites to accommodate repatriated passengers.

Since May 2020, the NEOC mobilised resources received from private and public partners and stakeholders to meet the requests received from relevant response agencies and mandated quarantine sites. All medical supplies and equipment were distributed to the Ministry of Health while PPE's, other hygienic resources and drinking water distributed to the response agencies personnel on the front line, mandated quarantine sites and field teams.



The NEOC received in-kind support from 96 stakeholders including donors, private sector, NGOs and individuals

The DMO carried out its roles and functions to the COVID-19 operation under the NEOC Standard Operating Procedures (SOP). Additionally, the NEOC response works saw the development of a number of seconded staff from relevant government agencies to assist with coordination. With the technical guidance from the MOH, leadership of the Disaster Advisory Committee (DAC) and the strategic direction of the National Disaster Council (NDC/Cabinet) progressively maintain Samoa's no case status ensuring no local or community transmission of the virus.

10.2 COMMUNITY DISASTER AND CLIMATE RISK MANAGEMENT

The Community Disaster and Climate Risk Management (CDCRM) Program was successfully implemented in 20 communities funded by the GEF-EWACC. These communities include Asau, Aopo, Siumu Sisifo, Saanapu, Sataoa, Lotofagā Safata, Ti'avea, Matautu Lefaga, Samatau, Vaisala, Auala, Papa Sataua, Saleaula, Safai, Falealupo, Tufutafoe, Neiafu and Falelima, A'ufaga & Lepuia'i Manono Tai. The support of

implementing agencies including ADRA, FESA, and Samoa Red Cross who are also response agencies alongside Nuanua O le Alofa (NOLA), Samoa Family Health Association (SFHA), Faataua le Ola (FLO), Ministry of Police, Prisons & Corrections, Ministry of Women, Community and Social Development and the Ministry of Health made it possible for the programme to be completed at the targeted communities.



CDCRM Community Consultations

Learning from implementations at the 20 communities this financial year and from previous years was highlighted at the review of the CDCRM toolkit. DMO conducted a two-day workshop in June 22nd-23rd to facilitate sharing of best practices, challenges and lessons from the CDCRM implementing Agencies to strengthen and improve the CDCRM toolkit. These outcomes are envisioned to be intergrated and utilized in the delivery of future CDCRM programs.

10.3 TROPICAL SEASON 2020-2021 OPERATIONS

During the financial year 2020-2021 the NEOC activated for COVID-19 response also responded to three notable emergencies that required urgent coordination by DAC agencies. These emergencies includes:

1. 18 December 2020, severe weather response
 - 3 Evacuation centers were activated with 63 evacuees
 - Food, water and other non-food items were distributed to evacuees at the evacuation centers
 - Distributed refilled water to the general public from the NEOC building
2. Warehouse fire at Vaitele
 - NEOC provided support and water to first responders

- Coordinated SWA team to provide water trucks for the operation.
3. 06 January, 2021 Severe Weather Response
 - Evacuation center with critical coordination implemented with our first responders, utility service providers as well as our evacuation shelter management teams all operating under the DAC umbrella. The NEOC developed and shared with the Samoa Meteorology Division an incident mapping database recording reported and known incidents during the 2020-2021 Tropical Cyclone (TC) season to inform their TC seasons reporting



Tropical Cyclone Response Work

The DMO conducted the first of 2 workshops to develop and validate the Samoa’s Strategic Roadmap for Emergency Management (SREM). The SREM is funded under the SPC with the Pacific Islands Emergency Management Alliance (PIEMA). The SREM aims to strengthen the way first responders and coordinating agencies work together both in preparation and in response to disaster events.

On 26 February, 2021 the DMO facilitated the first workshop for first responders in Samoa focusing on the harmonization of the work of the Samoa Fire and Emergency Services Authority and the Samoa Police Force. The workshop was an opportunity to identify activities and priorities in the work of first responders. It further identified areas that needs strengthening at the policy, operational and governance level to ensure effective and efficient delivery of first responders’ roles and responsibilities. Furthermore, the workshop provided a platform to link these activities to national policy and frameworks including regional and global commitments such as the Strategic Agenda 2020, the Framework for

Resilient Development in the Pacific (FRDP) and the Sendai Framework for Disaster Risk Reduction (SFDRR)



SREM Workshop Participants

The workshop provided the first step into the development of Samoa Strategic Roadmap for Emergency Management (SREM). After consolidating the priorities identified in the first workshop the DMO will utilize the validation workshop to validate these priorities and consult other first responders for their inputs to strengthen and streamline the priorities. Building on this, the validation workshop aims to strengthen, mapped and finalize Samoa SREM priorities.

Tsunami/Evacuation Signs Database



Tsunami Signs



New National Emergency Operations Center Building



COVID-19 PACMAS Awareness Workshop



Evacuation sites set up by NEOC including Gym 2, at Tuanaimato, the National University of Samoa, and ADRA compounds.



CDCRM Review Workshop



OUTPUT 11: WATER AND SANITATION SECTOR

The Water and Sanitation (WSS) Sector is one of the fourteen key sectors of Samoa's economy and development framework. Given water's status as a basic necessity of life and the direct linkages to health, well-being and productivity, it is a priority sector.

At the helm of the coordination role of the sector, the Water and Sanitation Sector Coordination Division (WSSCD) under the Ministry provides the coordination, governance, communications and capacity development for the Water and Sanitation Sector. It serves 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.

The WSSCD is responsible for *Outcome 11* of the Ministry and *End-of-Sector-Plan-Outcome (ESPO) 6* of the newly updated Water and Sanitation "Water, Sanitation and Hygiene" (WASH) Sector Plan 2020-2025 which is to ensure that "Sector Governance, Communication and Capacity Strengthened". Such a role is key to providing the strategic direction and leadership for the sector.

WSSCD has been working collaboratively with its various stakeholders and partners over the years and has continued to strengthen its partnerships with the sector's key sector Implementing Agencies including:

- Ministry of Natural Resources and Environment (Water Resources Division, Division of Environment and Conservation, Renewable Energy Division)
- Ministry of Women and Social Development
- Ministry of Works, Transport and Infrastructure (PUMA and Asset Management Division)
- Ministry of Health
- Samoa Water Authority
- Land Transport Authority
- Samoa Tourism Authority
- Independent Water Schemes Association
- Samoa Red Cross Society
- Plumbers Association of Samoa

Performance Progress FY20/21

For FY 2020-2021, WSSCD was able to achieve more than 80% of its planned activities as per its Key Outcomes as follows for the year under the new WASH Sector Plan 2020 – 2025 with the summary progress within the reporting period;

11.1 STRENGTHENED SECTOR GOVERNANCE AND LEADERSHIP THROUGH ENHANCED SECTOR POLICY, STRATEGY AND PLANNING FRAMEWORKS;

The year under review is the first year of implementation for the draft Water, Sanitation and Hygiene Sector Plan 2020-2025 and the implementation of activities to meet the key outcomes for the Sector has made good and steady progress throughout the year with over 80% of the targeted KPIs within the plan 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 the TSC, subsector and JWSSC meetings. The Sector conducted its deferred 12th Annual Review in October 2020 and its 13th Annual Review in conjunction with the World Water and Forest Day and the 8th Annual Water Forum in March 2021. The disruptions to the sector's usual schedule of reviews was due to gathering restrictions of COVID19 SOEs.

A Technical Assistance namely One Consult, was recruited to conduct the review of the Water for Life Sector Plan 2016-2020 and the development of the new Water, Sanitation and Hygiene Sector Plan 2020-2025 now in its draft form. The review concluded in September 2020 with the endorsement and launching of document awaiting the final outcome of the country's General Elections.

Within the period, two research papers were able to be conducted under the sector's Research Initiative Program namely on rainwater tanks mapping conducted by SkyEye Ltd and water quality testing done by SROS. Draft reports were presented at the sector's forum in March 2021.

The sector forum is held annually to showcase the findings and outcomes of the water and sanitation related researches done under the sector's initiative as well as those done under other programs and projects. The 4th issue of the sector's Journal was launched at this year's forum



The second quarterly meeting of the Joint Water and Sanitation Sector Committee

11.2 STRENGTHENED SUSTAINABLE FINANCIAL CAPACITY AND MECHANISMS FOR SECTOR INVESTMENTS;

The Sector Medium Term Expenditure Framework (MTEF) has been updated for FYs 2020- 2030 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 well as the sector's various development partners.

A 5 - year term Investment Plan as part of the draft WASH Sector Plan 2020-2025 is already in place and reviewed annually to meet sector changing demands from time to time and ensuring its alignment with annual budgets, MTEF and proposed priorities from year to year. An updated Sector Investment Plan is already in place for FY20/25. Furthermore, a Procurement Plan and Monitor has been put in place for needed consultancy and contract works to facilitate the implementation and monitoring of the Investment and Action plans.

A total amount of SAT100, 000 was secured as the Government of Samoa's assistance to the Pacific Water and Wastewater Association Office and disbursed through a Funding Agreement which is reviewed annually. This is financial support for the maintenance and operations of the PWWA Office in funding specific expenditure items such as rent, stationery supplies, communications costs as well as the PWWA Annual Conference costs.



Samoa Oratory and Ava Training

11.3 EFFECTIVE SECTOR COORDINATION STRENGTHENED;

Technical Steering Committee (TSC) meetings held monthly throughout the year chaired by WSSCD with a total of 8 TSC meetings held for FY2020/2021 out of the 12 planned. This platform provides an opportunity for the sector IAs to collectively share the progress of their works as well as related challenges and solutions. WSSCD was also well represented in other subsector meetings such as the Sanitation and Flood Mitigation and Drainage Subsector.

The Joint Water and Sanitation Sector Steering Committee (JWSSSC) meetings were held quarterly for the 4 quarters of the year with all the Sector

Implementing Agencies and Stakeholders. The Sector was able to conduct 3 quarterly meetings for FY2020/2021 with the last meeting held in May 2021. The meetings were Co – Chaired by MNRE's CEO whilst awaiting the selection of the new Chair.

The 3rd round of the annual sector's Rainwater Harvesting Program for the supply of 60 rainwater tanks faced some major delays within the year due to the financial and logistical issues to the supplier as an impact of COVID19. Time and payment variations were made to allow for these unforeseen challenges and it is anticipated that the project will fully completed in September 2021. The award for the supply of the 50 tanks for the 4th Round of the Rainwater Harvesting Program was cancelled to be retendered.

There were two projects coordinated/ implemented by the division within the year namely the Pacific Resilience to Climate Change Project (PACRES) Water Security Project at the Matautu villages- Savaii and the WASH-ADB Project whereby funds were secured under to review the communications and capacity building strategies for the sector and to conduct WASH related workshops. The inception processes for both projects went well and implementation in good progress.

11.4 EFFECTIVE AND ROBUST PEFORMANCE MONITORING SYSTEMS SUSTAINED AND REFINED;

Sector's Financial Report FY 2019 – 2020

The 12th Annual review for the sector was held in October 2020 with the 13th Annual Water and Sanitation Sector Review which followed suit in March 2021 due the current COVID-19 Pandemic and SOE restrictions for social gatherings. The 11th (17/18) and 12th (18/19) Annual Review reports were launched at these key events. In addition, the drafts for the 13th report FY2019/2020 was made available at the event.



The 13th Annual Water and Sanitation Sector Performance Review

The 6th National Sanitation (Toilets) Day took place on 19th November 2020 with the theme: "Toilets for All - Leaving no one behind". The program included the launching of a Documentary on Garden Toilets in Samoa, action poem competitions by the selected women's committee on the theme of the event as well as the

presentation of awards for the contractors and organisations who played an essential role in maintaining the public lavatory facilities in both Upolu and Savaii.



National Sanitation Day

The Joint Water and Sanitation Sector Steering Committee conducts an annual site visit to sight some of the new and key developments of the sector across the country. Specifically, for financial year 2020-2021, the visit focused mainly on the sites in the island of Upolu. The purpose was to visit, see and witness the outcomes of the hard work by the respective implementing agencies of the Sector, and also to draw their attention to some of the associated key issues thereon. The sites included the Vaisigano Bridge Segment 1 Parts 1 and 2 (WRD), Fasitoo and Moataa Garden Toilets (STA), Tiavi Ecological Purification System (SWA), Saaga intake (IWS) and the Saleaumua borehole and tank (SWA).



Water and Sanitation Sector Committee site visit

The Sector MDG/ Projects monitoring visit was cancelled within the year due to community access restrictions following the uncertainties of the general elections outcomes in April

11.5 EFFECTIVE AND EFFICIENT SECTOR COMMUNICATIONS STRENGTHENED;

The Sector's Communication Strategy was continuously implemented through the IAs of the sector ensuring the visibility of the works of 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).

The signed MoAs with media sources such as TV1 to conduct promotions and awareness on their Good

Morning Samoa Programme as well as the Talofa FM to conduct Talk Back Shows on the radio station has been well implemented within the year which has boosted the awareness of the public on the various IAs services and issues.

The Ministry's website and facebook page have also been used by the sector to convey its advertisements and notices with timely updates on the sector activities and events held within the period.

Timely preparations and release of sector newsletters quarterly throughout the year.

The review of the sector's communications strategy will be conducted in the next financial year to be funded under the ADB- WASH Project.

11.6 STRENGTHENED SECTOR HUMAN RESOURCES CAPACITY;

The Sector's Capacity Building Strategy and Action Plan 2018-2021 is being implemented through mutual collaborations between the sector, Oloamanu Training Centre and the Australian Pacific Training Coalition (APTC). The "sector wide approach" to capacity building has been encouraged with the aim of inviting all sector IAs and stakeholders to each of these trainings. A total number of four (4) trainings have been conducted by Oloamanu during the financial year which makes up a total of eight (8) trainings altogether with the trainings including; Samoan Oratory Lauga, Project Management, Time Management and Office Productivity and Leadership and Motivation. There are two (2) more trainings remaining which are anticipated to be implemented in the next financial year.

APTC continues to be a trainer for the sector through its intake of the appropriate representative of the Sector each semester for their Plumbing Training Programme.

11.7 IMPROVED SECTOR CC AND DISASTER RESILIENCE AND MANAGEMENT

An initial review was done in-house for the alignment of the sector's disaster response and preparedness plan to the National Disaster Management Plan 2017-2021. The review noted that the sector's plan was sufficiently integrated into the NDMP as well as the Water for Life Sector Plan 2016-2020. In the review and development of the WASH Sector Plan 2020-2025, greater emphasis was placed on ensuring this mainstreaming process is strengthened given the growing manifested impacts of Climate Change and related disasters on the sector and its infrastructural developments.

Sector IAs participated in some of the DRM trainings and reported back to the sector meetings, however, the need to conduct relevant DRM trainings is not compromised for the sector as a whole. Alternatively, the sector IAs have been participating in some of drills and simulation

exercises conducted by DMO and FESA as well as the SRCS. A key challenge within the year was the continuing implications of the COVID19 pandemic SOE restrictions on the implementation of the activities/priorities of the Sector which led to the delay and cancellation of some of the Sector's key events. The uncertainty of the Government post - General Elections in April 2021 led to the cancellation in some of the sector's community programs due to access restrictions. Nonetheless, such challenges have led the sector to revisit its priorities as well as zooming in its focus on key issues such as sanitation and hygiene. Despite another challenging year for the Division, much progress was made as per its performance targets indicated in its updated sector plan. Activities which were incomplete within the year have been prioritized for implementation in FY 2021-2022.

Sector's Financial Report FY2020-2021

Whilst awaiting confirmation of the European Union funding for the next budget support program for the sector this year, the government fully funded the activities of the sector in the year. The confirmation from the EU was received towards the end of the financial year with the new budget support program for the sector to commence in FY 21/22- FY24/25.

Total approved budget for the Water, Sanitation & Hygiene Sector for FY2020/2021 from the local government budget is just over SAT14.1 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 FY2020/2021 per subsector. Of this amount, the Ministry received about SAT1.1 million (12%) in total for the implementation of prioritized activities by its key internal IAs and stakeholders (WRD, DEC, RED and Legal) and in collaboration with its external IAs and stakeholders (WRD, DEC, RED, and Legal) and in collaboration with its external IAs (PAS, PWWA, STA, SRCS) through legal funding agreements and MoUs. It was noted that more than 50% of this amount was utilized within the year to implement activities of the sector. This was due to the underutilization of funds for activities which were cancelled and deferred due to the State of Emergency restrictions for the COVID19 pandemic together with the uncertainty of the Government post General Elections in April 2021.

In addition, project funds which assisted with sector activities was around SAT1.37 million from PACRES, GCF, EWACC and

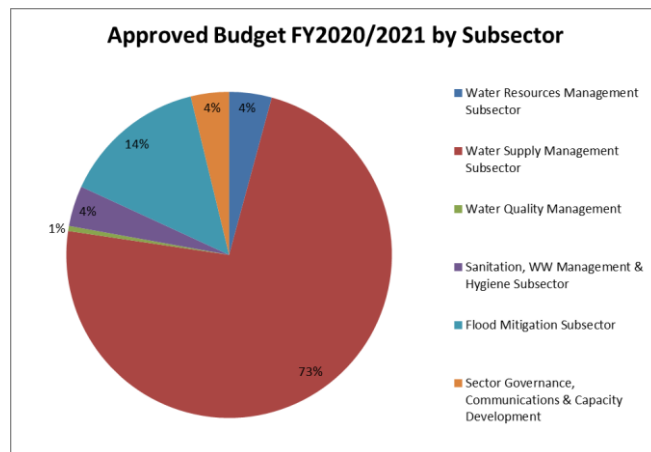


FIGURE 2: WATER, SANITATION & HYGIENE SECTOR APPROVED BUDGET BY SUBSECTOR



Vulnerable households with no access to piped water (connection by SWA/IWSA) and rely solely on barrels of water collected from roof tops



Assessment of Vulnerable Households



Presenting prizes for the winners of Questions and Answers during one of the Water and Sanitation Sector's IA - Samoa Red Cross Society on Radio Talofa FM,



OUTPUT 12: INFORMATION TECHNOLOGY

12.1 IT HELPDESK AND NETWORK INFRASTRUCTURE:

- Email is the biggest issue; this is due to the staff members changing their passwords, not receiving emails and phishing 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 maintenance and support for 12 MNRE sites using Vodafone fibre and Samoa National Broadband Highway (SNBH).
- Ongoing maintenance and operation of 290 computer peripherals in the ministry.
- Ongoing maintenance and operation of 38 printers in the ministry.
- Ongoing maintenance and support of Emergency Radio and Siren network for Samoa.
- Ongoing maintenance and support of Met weather forecast and earthquake network.

12.2 SYSTEMS:INFORMATION

- Ongoing maintenance and support of all MNRE information systems conducted.
- Implementation and Supporting interact systems from various stakeholders as well as consultancy and project personnel's
- Conduct information system trainings for staffs.
- Daily monitoring of all the systems backup Review of IT Policies and procedures conducted.
- New VLAN Connection for Environment Sector (Post Office)
- DKIF System Upgrade
- Digital Archive system install and setup to digitize Ministry records
- New Kaspersky Total Security antivirus installed
- SOLA system for the LMD and SIA upgraded and installed
- New template for MNRE website installed
- New PC sets for stadds and new printers for divisions installed
- Office offsite Backup at Water Resource Vailima Office
- Conference System (Ricoh Whiteboard) installed for virtual meetings



CSU 1–LEGAL SERVICES DIVISION

The Legal Division provides legal and policy advice to all 14 Divisions of the Ministry, the CEO and the Minister. The Division assists and provides legal advice, draft any type of Agreements such as contracts, contract extensions or variations, memorandum of agreements or memorandum of understandings, letters of agreements and others, assistance with Divisional procurements for contractors, consultancy services, maintenance works, service 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, most especially the collaboration with the Office of the Attorney General rendering assistance with civil and criminal proceedings brought by or against the Ministry. The Division is also actively involved in the pursuit of environmental litigations that the community reports to the Ministry or when the Ministry discovers during its monitoring. The Legal Division also assists other Divisions of the Ministry in promoting their legal mandates through television or social media advertisements and community consultations. Last but not least, the Division also assists in the preparation of, and facilitate the execution of legal documents such as the following:

- Leases of customary lands and government lands;
- Clearance of tender / procurement documents for the Ministry;
- Review and clearance of 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;
- Review and clear memorandums and letters of understanding/memorandums and letters of agreement;
- Civil enforcement / civil litigation;
- Prosecution of environmental offences;
- Any other documents required for the effective discharge of the statutory duties of the Ministry. During 2020 – 2021 the Legal Division highlights the following services and achievements in support of the work of the Ministry: Alienation of freehold land applications - 36
- All types of Contractual agreements including MOUs/MOAs -
- Legislative reforms / Amendment Regulations / Policy:
 - Land Titles Registration Amendment Act 2021;
 - Meteorology, Geoscience and Ozone Services Act 2021;
- Annual divisional refresher trainings for authorised officers in carrying out their statutory investigative functions and capacity building pursuant to Divisional mandates;
- Enforcement and Compliance activities:
 - Monitoring / inspections conducted - 18
 - Investigations conducted - 10
 - Cases submitted to AGO for prosecution -2
 - Environmental matters resolved without going to Court -14

Legislative reforms and Bills are ongoing annually, these are as follows:

1. Parliament has just recently passed the new *Meteorology, Geoscience and Ozone Services Act 2021* (“the Meteorology Act”) and assented on 3rd March 2021. This is a great milestone for Samoa given that the Meteorology Services has operated since 1902 during the German administration and carried on services without a legal framework until now when the Meteorology Act was passed.
2. Parliament has also passed a recent amendment of the *Land Titles Registration Amendment Act 2021* which essentially amends the transitional period from 12 years to 17 years which means that the expiration period has been extended to allow for freehold lands to carry out the necessary actions to ensure that any cautions being recorded in the folio are not lapsed (freehold lands with uncertain boundaries need to carry out said survey, other interests outstanding such as estate interests also need to be resolved within the extended period of 5 years).
3. The *Alienation of Freehold Land Amendment Bill* was approved by Cabinet and referred to the Clerk of the Legislative Assembly for translation and Parliamentary committee consultations.

The Ministry currently has 2 pending prosecution matters, one on illegal logging and the other on discharge of pollutant at Fuluasou River at Tuanaimato. The rest are MNRE civil proceedings in respect of boundary and land issues and registry matters.

The Ministry continues to receive reports and support from the community on illegal sand-mining, illegal forestry operations (logging), littering / dumping of wastes on vacant lands, illegal captivity of wildlife, continuous supply of and usage of banned plastic bags and various other environmental offences. Ongoing legal support to the Office of the Attorney General continues for both civil and criminal litigations.



CSU 2- CORPORATE SERVICE DIVISION

CSU 2.1 HUMAN RESOURCES & ADMINISTRATION SECTION

Division	Occupied Positions	Projects (incl. GCF)	Part Timers	Total
CEO	1			1
RED	4	4		8
CC&GEF	1	3		4
ESCU	4	5		9
ICT	6			6
LMD	30	1		31
LTS	23			23
DEC	47		19	66
FOR	96		12	108
MET	46		2	48
WRD	29		10	39
DMO	10	3		13
WSCU	6			6
LSD	6			6
CSD	51			53
Total	360	16	43	421

TABLE 27: TOTAL NUMBER OF STAFF

GENDER PROFILE FOR FY2020/2021		
Male	277	70%
Female	125	27%
Vacant	19	3%
TOTAL	421	100%

TABLE 28: WORKFORCE BY GENDER

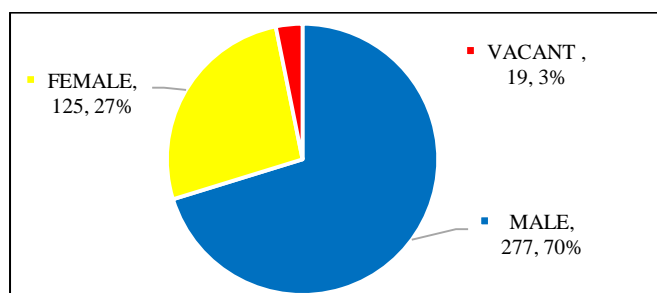


FIGURE 3: WORKFORCE BY GENDER

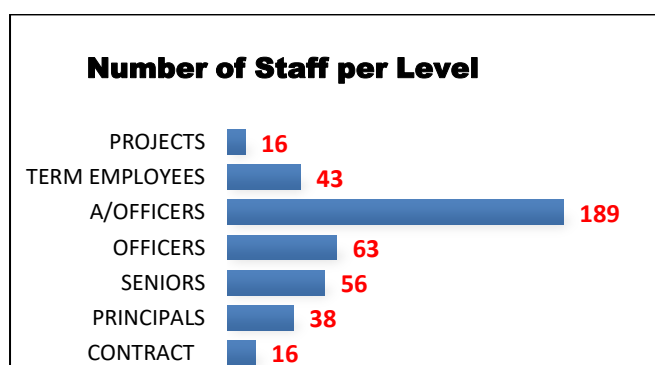


FIGURE 4: EMPLOYEES CATEGORIES

Recruitment	
New Contracts for ACEO's	3
Renew Contract for ACEO's	3
Promotions	32
Project Appointments	25
New Recruits (Permanent)	32
Part Timers	8
Extension Retirees	14
Reclassification	4

Staff Turnover	
Resigned	29
Terminations for Disciplinary	5
Retirement	2
Deceased	3
End Of Contract (Project)	7

TABLE 29: STAFF RECRUITMENT AND TURNOVER

Registered Assets		
Total Asset as of FY20/21	249	\$1,084,980.38
New Procurement (Local)	209	\$865,208.08
New Procurement (Project)	40	\$219,772.30
Vehicles FY20/21	1	\$72,000.00

TABLE 30: ASSET REGISTRY

Irregularity Reports	
Vehicles	7
Fixed Asset (Laptop)	1

TABLE 31: TOTAL IRREGULARITY REPORTS

CSU 2.2 CAPACITY BUILDING SECTION

In - House Training

- 6 Induction Training conducted within this year.
- 13 Refresher Training (on Performance Management System, Letter Writing, Code of Conduct, Values, Code of Ethics, Dress Code, Attendance, Flexible Hours Arrangements and special follow up session with Drivers)
- 30 Continuous Learning Session or in-house knowledge sharing session

Environmental education and public awareness programs/initiatives.

- We collect promotional material from division and distributed to school when needed upon request.
- Assist walk-in student in relations to their school I.A's or project assignments pertinently to environment
- We attend to represent Ministry to Open & Career Day (Eg: Samoa College Career Day, JICA Alumni Association Career Day and USP Open Day
- Organised Internship programs for University students

Compilation of Corporate Documents

- Ministry Annual Report FY2020/2021
- Management Plans FY2020/2021 with ratings
- Management Plans FY2021/2022 with ratings
- Service Charter 2021-2026
- Performance Management System
- Workforce Plan FY2020/2021

Monitoring Databases

- Trainings, meetings, webinars & workshops
- In-House Training Participants
- Induction Training Participants
- Contracts approved by Legal Division

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
- Responsible for all Ministry's ID's



Presentation on Samoa's Cultural Heritage and Historical Sites

CSU 2.3 FINANCE SECTION

Financial Performance

Summary Of Budget For Financial Year Ending 30th June 2021 Outputs	
Annual Approved Budget FY 2020/2021	12,971,745
Approved Personnel	10,860,330
Approved Operating	1,975,415
Approved Capital	136,000
Spending	12,543,312
	428,433
Transactions On Behalf Of The State	
Approved Budget for FY 2020/2021	13,615,217.00
Less Spending	10,308,493.00
	3,306,724.00
Remaining Balance	3,735,157.00

TABLE 32: SUMMARY OF BUDGET FOR FY ENDING 30/6/2021

1 Expenditures

The overall utilization for the Ministry budget both personnel and operations is at 97%.

a) Analysis on Output Expenditure (refer Table35)

- Note all Outputs Personnel & Operations total utilization ranges from 85%-99%.
- b) **Transactions on Behalf of State**(refer Table36)
- Membership fees and grants overall utilization is at 81%
 - Low utilization was due to over-estimated budget for some conventions and. delay in submitting of invoices for payments.
- c) **Counterpart Costs** (Refer Table 37)
- Total utilization at 79%
- Rents & Lease – The total variance of \$104,216 was due to over calculate of tax for TATTE Rent & Lease
 - Customary Land for Observation Stations and Towers – the remaining funds are for the AWS stations that need to be surveyed.
 - Roads for Land Board Leased land- remaining funds were rolled over to the next Financial Year (FY2021/2022.)
 - VAGST Output tax- remaining funds are for the months of May and June 2021 tax, of to process.
- d) **d. Government Policies/Initiatives** (refer Table 38)
- Total utilization at 77%
- Remaining funds – from the Ministry's National Coordinated Events were on hold due to Measles and Covid19 panademic. All unused funds have been roll over to FY2021/2022.
 - Low utilization% noted for the following reasons;no events held withing this FY due to Measles/Covid 19 and unpaid invoices for June due to delay submitted.
- e) **Revenues** (Refer Table 39)
- The Ministry collected 119% overall collection of its annual budget recoveries for the financial year.
 - Output 3- Land Management collection is 121%.
 - Output 5 – Environment Services collected 230% from waste fees and outstanding invoices paid.
- Other outputs recorded low collection such as;**
- Output 4 – Land Technical collections is 70% less number of Digitizing works and surveyor works has been outsource to private businesses.
 - Outupt 6 – Forestry collected 86%, it revenue is subject to the requests of permit.
 - Output 7 – Meteorological collected 12% of its revenue due to low demand for the use of drilling rig.
 - Output 9 – Water Resources Division collections is 15%.

Annual Recoveries for FY 2020/2021	5,260,982.00
Actual Recoveries Collected	6,273,123.00
Under/ Over collection	1,012,141.00

TABLE 33: ANNUAL RECOVERIES FOR FY20/21

ANNEX 1: APPROVED BUDGET FOR THE FY 2020/2021

extracted from Finance One system

OUTPUTS PROVIDED BY MINISTRY	COST POOL	ACTUALS	UTILISATION %	FINAL BUDGET ESTIMATE	VARIANCE	ORIGINAL BUDGET
2810 - Policy Advice to the Minister of Environment	Personnel	657,925.00	96%	682,433.00	24,508.00	740,568.00
	Operating	116,931.00	100%	116,942.00	12.00	167,340.00
	Capital	121,444.00	99%	122,935.00	1491.00	96,000.00
	TOTAL	1,015,555.00	97%	1,046,351.00	30796.00	1,131,599.00
2820 - Ministerial Support	Personnel	182,798.00	78%	234,456.00	51,658.00	224,314.00
	Operating	103,756.00	100%	103,482.00	(274.00)	210,502.00
	Capital	1,217.00	100%	1,217.00	0	
	TOTAL	458,809.00	89%	516,356.00	57,547.00	612,017.00
2830 - Land Management	Personnel	1,042,845.00	95%	1,097,427.00	54,582.00	1,133,811.00
	Operating	107,918.00	100%	107,928.00	10.00	114,440.00
	Capital	36,365.00	100%	36,384.00	19.00	
	TOTAL	1,323,575.00	96%	1,383,500.00	59,925.00	1,390,012.00
2840 - Land Technical Services	Personnel	764,934.00	98%	784,481.00	19,547.00	874,569.00
	Operating	88,231.00	100%	88,506.00	275.00	92,990.00
	Capital	89,991.00	100%	90,088.00	97.00	
	TOTAL	1,045,458.00	98%	1,069,395.00	23,937.00	1,073,879.00
2850 - Environment Services	Personnel	1,249,676.00	98%	1,280,415.00	30,739.00	1,297,634.00
	Operating	162,896.00	100%	163,016.00	119.00	174,720.00
	Capital	17,217.00	100%	17,219.00	2.00	
	TOTAL	1,617,534.00	98%	1,655,571.00	38,037.00	1,667,275.00
2860 - Forestry Mgmt., Planning, Research Service	Personnel	1,353,850.00	96%	1,409,169.00	55,320.00	1,579,894.00
	Operating	206,875.00	100%	206,876.00	1.00	214,480.00
	Capital	170,013.00	100%	170,725.00	712.00	
	TOTAL	1,918,327.00	97%	1,981,691.00	63,364.00	1,989,924.00
2870 - Meteorological, Hydrological, Geological	Personnel	1,350,742.00	96%	1,403,998.00	53,256.00	1,400,008.00
	Operating	409,948.00	100%	409,967.00	19.00	418,235.00
	Capital	71,745.00	100%	71,748.00	3.00	
	TOTAL	2,036,928.00	97%	2,098,354.00	61,426.00	2,106,622.00
2881 - Sustainable Water Resources Mgmt	Personnel	836,166.00	98%	855,723.00	19,557.00	873,186.00
	Operating	138,515.00	99%	140,516.00	2001.00	115,720.00
	Capital	17,135.00	98%	17,463.00	328.00	
	TOTAL	1,179,783.00	98%	1,208,623.00	28,840.00	1,213,827.00
2882 - Disaster Management	Personnel	448,698.00	98%	456,526.00	7828.00	463,820.00
	Operating	106,215.00	100%	106,226.00	11.00	102,278.00
	Capital	25,614.00	97%	26,494.00	880.00	
	TOTAL	717,162.00	98%	731,007.00	13,845.00	707,859.00
2883 - Water Sector Co-ordination Unit	Personnel	336,387.00	98%	341,730.00	5,343.00	341,730.00
	Operating	208,842.00	100%	209,488.00	646.00	98,495.00
	Capital	39,194.00	98%	40,000.00	806.00	
	TOTAL	720,922.00	96%	732,978.00	12,056.00	754,491.00
2884 - Information and Communication Technology	Personnel	252,469.00	88%	286,253.00	33,784.00	367,530.00
	Operating	38,603.00	100%	38,628.00	25.00	41,640.00
	Capital	81,268.00	100%	81,277.00	9.00	
	TOTAL	509,259.00	93%	547,919.00	38,660.00	550,931.00
2891 - Central Services Unit 1	Personnel	218,268.00	95%	262,445.00	44,177.00	283,750.00
	Operating	17,492.00	100%	17,500.00	8.00	17,500.00
	Capital	21,304.00	100%	21,305.00	1.00	
	TOTAL	257,065.00	85%	301,250.00	44,185.00	301,250.00
2892 - Central Services Unit 2	Personnel	1,085,061.00	100%	1,096,975.00	11,914.00	1,204,418.00
	Operating	266,306.00	100%	266,340.00	34.00	233,220.00
	Capital	107,422.00	99%	107,443.00	21.00	
	TOTAL	1,458,789.00	99%	1,470,758.00	11,969.00	1,322,093.00

TABLE 34: OUTPUT EXPENDITURES

Transactions on Behalf of the State: Annual Review FY 20/21
Cost Breakdown extracted from Finance One system

	<i>ACTUALS</i>	<i>ORIGINAL ESTIMATE</i>	<i>UTILISATION %</i>	<i>FINAL ESTIMATE</i>	<i>FUNDS REMAIN.</i>	<i>Comments</i>
D08 - World Meteorological Organisation	50,000	50,000	100%	50,000	0	On Target
D29 - Union Conservation of Nature, International	35,808	70,000	51%	70,000	34,192	Remaining balance from Invoice received
D30 - SPREP Work Programme	120,323	122,000	99%	122,000	1,677	Remaining balance from invoice received
D31 - UNFCC	939	1,500	63%	1,500	561	Remaining balance from invoice received
D51 - Biological Diversity Convention	0	609	0%	609	609	The invoice is yet to receive from the secretariat of the Convention
D54 - Rotterdam Convention	751	4000	18%	4000	3,249	Remaining balance from invoice received
D55 - Migratory Species Convention	265	1500	18%	1500	1235	Remaining balance from invoice received
D57 - UN Convention to Combat Desertification	0	1000	0	1000	1000	The invoice is yet to receive
D58 - UN Environment Programme (UNEP)	0	2000	0	2000	2000	The invoice is yet to receive
D59 - Stockholm Convention (US1500)	1300	1300	100%	1300	0	On Target
D60 - Basel Convention (US 1000)	335	3500	10%	3500	3165	Remaining balance from invoice received
D76 - Commonwealth Forestry Association - London	0	998	0	998	998	The invoice is yet to receive
D77 - Asian Pacific Association of Forestry Re	0	200	0	200	200	No Invoice submitted
D92 - RAMSAR Convention	2818	2900	97%	2900	82	Remaining balance from invoice received
D97 - Heritage (US33)	0	100	0%	100	100	No Invoice submitted
D98 - Waigani Convention (US 1500)	2783	3750	74%	3750	967	Remaining balance from invoice received
E02 - CITES - Trust Fund	0	300	0%	300	300	No Invoice submitted
E03 - IRENA - International Renewable Energy Agency	489	600	82%	600	111	Remaining balance from invoice received
Total	215,811.	266,257	81%	266,257	50,446	

TABLE 35: MEMBERSHIP FEES AND GRANTS

	<i>ACTUALS</i>	<i>ORIGINAL ESTIMATE</i>	<i>UTILISATION %</i>	<i>FINAL ESTIMATE</i>	<i>FUNDS REMAIN</i>	<i>Comments</i>
G23 - Rents & Leases	694,776	798,992	87%	798,992	104,216	Over-estimate budget amount, remaining balance from invoice received
G46 - Customary Land for Observation Stations and Towers	31,383	51,000	62%	51,000	19,617	Remaining balance for AWS stations to be surveyed
G63 - Co-location Digicel lease	184,691	184,692	100%	184,692	1	On Target
J46 – Roads for Land Board Leased Lands	117,020	500,000	23%	500,000	382,980	Roll Over for FY21/22
J45 - PEEP - Phase 2 (Promoting Energy Efficiency in the Pacific)	0	0	0	0	0	
Q01 - VAGST Output Tax	1,188,381	1,305,132	94%	1,271,223	82,842	Mof to process remaining tax
Total	2,216,251	2,839,816	79%	2,805,907	589,656	

TABLE 36: COUNTERPART COSTS

	ACTUALS	ORIGINALESTIMATE	UTILISATION %	FINAL ESTIMATE	FUNDS REMAIN.	Comments
G70 – Pacific Water and Waste Water Office lease	100,000	100,000	100%	100,000	0	On Target
L18 - Biodiversity Day	0	20,000		20,000	20,000	Roll Over for FY21/22
L19 - World Water Day	8720	10,000	87%	10,000	1280	Remaining balance from invoice received
L20 - World Wetlands Day	17,088	20,000	85%	20,000	2912	Remaining balance from invoice received
L21 - Sanitation Day	6,609	10,000	66%	10,000	3391	Remaining balance from invoice received
L23 - UNCCD Land Day	0	20,000	0	20,000	20,000	Roll Over for FY21/22
L25 – Energy Day	6799	15,000	45%	15,000	8201	Remaining balance from invoice received
Q19 - Waste Management Service Contracts	3,640,492	3,880,553	94%	3,880,553	240,061	Remaining for June invoice not paid
Q20 - Land Compensation	3,000,000	4,000,000	75%	4,000,000	1,000,000	
Q35 - Land Registration / Leasing Commission	61,115	66,000	93%	66,000	4885	For delay invoices
Q46 - Sludge Maintenance Contract(Upolu Savaii)	104,000	164,100	63%	164,100	60,100	Remaining for June invoice not paid
Q56 - Plumbers Association	0	0	0	0	0	
Q57 - National Environment Week	0	40,000	0	40,000	40,000	Roll Over fund for FY21/22
Q58 - Customary Land Advisory Commission	173,164	205,000	85%	205,000	31,836	Remaining balance for June invoices
R56 - NPF Land Compensation (Maloloelei-Catholic	0	0	0	0	0	
R57 - Water Sector Annual Review	14,583	20,000	73%	20,000	5,417	Remaining balance for delay invoices
R58 - Water Sector Research Initiative & Impact Assessment	30,852	40,000	77%	40,000	9,148	Remaining balance for delay invoices
R75 - Institute of Professional Engineer Society	0	0	0	0	0	
R76 - Public Toilet Maintenance and Cleaning	274,846	385,400	71%	385,400	110,554	Remaining balance for April-June 2021, delay approval of contract variation.
R77 - Millennium Development Goals	0	10,000	0	10,000	10,000	Roll over for FY21/22
S11 – Lawn Maintenance	239,672	245,000	98%	245,000	5,328	Invoice for June not paid
S29- Garden Toilets	20,000	20,000	100%	20,000	0	On Target
S30 – Falefa Watershed Area River Bank Protection	0	0	0	0	0	
S53 – Technical Assistance/Professional Service-Water Sector	85,766	100,000	86%	100,000	14,234	Funds remaining were for the implementation of the Capacity Building Action Plan including contract payment for Oloamanu (Training provider) and implementation of trainings. Remaining balance defer for FY21/22.
S54 – Rainfall Harvesting Program	0	200,000	0	200,000	200,000	Roll over for FY21/22
55 – Land Compensation – Water Sector	0	500,000	0	500,000	500,000	Roll over for FY21/22
S86 – Regulator (Annual Fees)	0	32,000	0	32,000	32,000	Invoice delay submitted.
S88 – Renovation of Maota Office Savaii	0	0	0	0	0	
S95 – Electricity Bill for Digicel Post	56,384	65,000	87%	65,000	8,616	Invoice for June not yet received.
Total	7,840,090.00	10,168,053.00	77%	10,168,053	2,327,963	

TABLE 37: GOVERNMENT POLICIES / INITIATIVES

REVENUES	ACTUALS	YTD	UTILISATION %	BUDGET	(OVER)/UNDER	YTD BUDGET
2830 - Land Management	6,053,202.30	6,053,202.30	121%	5,000,000.00	(1,053,202.30)	6,053,202.30
2840 - Land Technical Services	35,529.60	35,529.60	70%	38,149.00	2,619.40	35,529.60
2850 - Environment Services	158,018.10	158,018.10	230%	68,851.00	(89,167.10)	158,018.10
2860 - Forestry Mgmt, Planning, Research Service	8,825.00	8,825.00	86%	10,322.00	1497.00	8825.00
2870 - Meteorological, Hydrological, Geo- logical	16548.00	16,548.00	12%	137,060.00	12,512.00	16,548.00
2881 - Sustainable Water Resources Mgmt	1000.00	1,000.00	15%	6,600.00	5,600.00	1000.00
TOTAL	6,273,123.00	6,273,123.00	119%	5,260,982.00	1,012,141.00	6,273,123.00

TABLE 38: TOTAL REVENUES

GENERAL LEDGER SUMMARY	ACTUALS	YTD	UTILISATION %	BUDGET	FUNDS REMAIN.	YTD BUDGET
Output Provided by Ministry	12,543,312	12,543,312	97%	12,971,745	428,434	12,543,312
Transaction on Behalf of the State	10,308,493	10,308,493	76%	13,615,217	3,306,724	10,308,493
TOTAL	22,851,805	22,851,805	86%	26,589,962	3,735,158	22,851,805

TABLE 39: GENERAL LEDGER

SUMMARY BY BUDGET CATEGORY	ACTUALS	YTD	UTILISATION %	BUDGET	FUNDS REMAIN.	YTD BUDGET
CAPITAL - Capital		790,965	98%	804,298	13,335	
OPERATNG - Operating	1,972,528	1,972,528	100%	1,975,415	2,887	1,972,528
PRSONNEL - Personnel	9,779,819	9,779,819	98%	10,192,031	412,212	9,779,819
TOTAL	12,543,312	12,543,312	97%	12,971,744	428,434	12,543,312

TABLE 40: BUDGET SUMMARY

ANNEX 2: BUDGET FY 2020/2021-KEY PERFORMANCE INDICATORS

Extracted from the Ministry Budget Full Year Review submitted to the Ministry of Finance (FY2020/2021) for all Outputs

OUTPUT 1- POLICY ADVICE TO THE MINISTER (CCGEF, RED & ESCD)

Performance Measure/ Indicator	Target	Progress	Comments
Number of Renewable Energy and Energy Efficiency workshops and meetings	10	Ongoing	2- RE Subsectors Meetings + SCADA Workshop + 1 st Cross Sector Enhanced NDC Workshop + IMPRESS Meetings (TWGs (Q3 & Q4) – Upcoming (NDC Stakeholders + EE Workshop + IMPRESS Meetings (TWGs (Q1 & Q2(2021)).
Number of Renewable Energy and energy Efficiency projects implemented in Communities	4	Ongoing	1 Vaisala Biogas System (Completed) + 3 in pipeline Vaisala Hotel, Salua Manono & Faleula Atinae.
Number of policies and strategies reviewed /implemented (NECC)	2	Ongoing	Samoa's Enhanced NDC + GHG Abatement Strategy (review on hold until complete GHG Inventory) Enhanced NDC - Focus on 100% Electricity sector, RE on waste , Tourism and Land Transport, Agriculture, Ocean, Adaptation measures + Blue carbon, mangrove replanting, seagrass conservation, Coastal spatial project (Met).
Number of feasibility studies for resources conducted	2	Completed / Achieved	Two have been done for the biogas projects that have been completed (Biogas system & Invasive species assessment ste land, Afolau.)
Promote wider awareness and educational programs on EE and RE	5	Completed / Achieved	RE Day Nov 2020 +5 Community Awareness Programs + Facebook
Annual Report 2019/2020 completed and submitted to Parliament	Dec-20	Completed / Achieved	School awareness programs in Upolu & Savaii for Q3-2019 & Q1-2020; Ongoing advertisements on TV on Afolau; Biomass Gasification Plant, Energy Efficiency Act 2017; Ongoing advertisements and articles on social media.
Number of projects designed and implemented across the 5 GEF focal areas	4	Ongoing	GEF 7, IMPRESS, EWACC, TNC and FBUR. R2R Complete and SMSCL Complete - Project documents GEF7 consulted.) Launched of Cycle 7 for SGP,
Number of Climate Change/GEF Small Grants Community Projects Awarded and Implemented	100%	Ongoing	The cycle 7 for the SGP is now in its implementation phase by recipient communities. Official launching and project signing for both Upolu and Savaii of Small Grants projects was conducted in December 2020 - (changed to number the base line)
Policy Framework, Climate Change Bill and National Adaptation Plan and Strategy endorsed and implemented	80%	Ongoing	1 Approved Samoa Climate Change Policy 2020-2030. 2. Climate Change Bill is with the Legal Division for further review and consultation with key stakeholders. 3. Adaptation Strategy tentatively to be completed under the EWACC project in second quarter 2021
Number of Climate Change Adaptation and Mitigation Projects designed and implemented	80%	Ongoing	1. EWACC (Adaptation) project still on-going with implementation extension until November 2021 76% of utilisation rate. 2. TNC and FBUR project (Enabling activity) is now in its implementation phase with Project Coordinator on board February 2021. 3. PACRES (adaptation) Project still on-going working closely with SPREP, Forestry Division and WSCU I19. 4. IMPRESS (mitigation) project implemented under RED with 65% utilisation rate ending Dec 2022. 5. PPCR (adaptation) project implementation on-going with a utilisation rate of 85% utilisation rate ending June 2021. Samoan Transaltion completed for Cim plans.
Annual UNFCCC negotiations attended and outcome recorded	1	Ongoing	2 meetings attended with the Representation by ACEO CC and GEF on behalf of MNRE
Environment Sector Annual Review conducted by end of November 2020	1	Completed / Achieved	The 7th Sector Annual Review was conducted on 18 Nov 2020 at the Taumeasina Island Resort
Fourth Edition of State of the Environment Report developed by	75%	Ongoing	Advertisement of a TA is now in progress

end of 2020			
Environment Sector Capacity Building Plan	100%	Delay	Recommend removal. No funding
Environment Sector Disaster Risk Management Plan (Mainstream)	100%	Next FY	Defer to next FY. This delay is due to the unavailability of DMO staff during SOE

TABLE 41: OUTPUT 1: KEY PERFORMANCE INDICATORS

OUTPUT 2- MINISTERIAL SUPPORT

Performance Indicator	Target	Progress	Comments
Number of High Level Meetings attended by the Minister / (Associate Minister).	20	Incomplete	SOE Restrictions
Number of MNRE Boards Meetings facilitated (Forestry, Land Board, Water Board, Geographic Name Board)	24	Completed	12 meetings completed
Ministerial Advisory Committee meetings (Upolu and Savaii)	24 meetings	Ongoing	12 meetings for Upolu and 12 for Savaii

TABLE 42: OUTPUT 2: KEY PERFORMANCE INDICATORS

OUTPUT 3- LAND MANAGEMENT SERVICES

Performance Indicator	Target	Progress	Comments
Number of applications for government land leases, land taken for public purposes and reclamations approved by Land Board.	220	Ongoing	94 recorded applications for government land leases, submitted to the Land Board, including lands taken for Public purposes from July 2020 to December 2020
Number of applications for valuation processed and approved	100	Ongoing	A total of 59 application have been approve and processed in the past six months. Recorded are 58 applications from the lending institution and 1 official valuation
Number of instruments registered and approved which complied with the Land Titles Registration Act 2008.	2000	Ongoing	1,110 legal instruments registered, approved & paid for, for revenue earned by the Land Registration Section within this Mid-Year Budget Review period (July 2020 - Dec 2020).
Number of Land claim applications reviewed and approved	5	Ongoing	3 land claims are under reviewed and 1 new land claims submitted for investigation within the time period
Number of burial plots allocated/ and maintained	60	Incomplete	17 burial plots allocated within six (6) months from July 2020 to December 2020
Critical landscapes under conservation/rehabilitation measures through integrated SLM practices	5	Completed /Achieved	Proeject completed in 2020
Numberof stamp duty applications processed and approved	450	Ongoing	A total of 385 transfers was recorded and processed for Stamp Duty in the past six months.
Number of applications for sandmining, scoria mining, sea reclamations and applications for temporary use of government land for billboards,banners and stalls processed and approved.	170	Ongoing	50 Sand mining applications, 10 application sea reclamations, 10 stalls, 5 billboards = 75 applications approved application
Numberof applications for	20	Ongoing	We have 7 confirm lease with 5 in process and hope by the end of the

customary land leases and licenses processed and approved			financial year we will reach our target of 20 new leases.
Number of consultations conducted with community on promoting economic use of customary lands	5	Incomplete	Public Awareness for two months, within the six months through television to clarify the amendment of the Legislation, Leasing and Licensing of the Customary Lands 1965
Number of UNCCD NAP/LDN Projects and Programme National initiatives	12	Completed /Achieved	
Land Day National Commemoration	1	Incomplete	This event will take place June 2021

TABLE 43: OUTPUT 3 KEY PERFORMANCE INDICATORS

OUTPUT 4- LAND TECHNICAL SERVICES

Performance Indicator	Target	Progress	Comments
Number of survey plans received for examinations	160	Ongoing	147 survey plans received for examination
Number of survey plans approved and comply with the Survey Act 2010 and Survey Regulation 2011(scanning and recording on the Digital Cadastral Database (DCDB/SOLA system)	150	Ongoing	98 Survey Plans approved after examination plus 40 plans from previous years = 138approved during this period and other 49 survey Plans are under examination and requisition.
Number of surveys directed by Land Board and the Ministry	8	Ongoing	7 survey works (subdivision and redifinition) completed for Government land
Number of surveys requested by Land and Titles Court completed	4	Ongoing	All survey work are outsource to the private surveyor firms. Only the tender and contracts for the district boundary survey are done by the SIA
Number survey investigations and inspecitons	3	Ongoing	This KPI is done under the first KPI (plan examination)
Number of maps produced and sold both public and government ministries	50	Ongoing	More than 30 maps have been produced/compiled and sold both to our internal request and external clients
Number of determinations approved by Geographic Names Board	30	Delay	No Board meeting due to COVID-19 restriction last year
Request for Lidar Package from Relevant Stakeholders	25	Ongoing	This indicator #8 is the same as indicator #9
Number of Spatial data License Agreement signed and released	5	Ongoing	2 Spatial Data License Agreement has been signed and released Data for external request, 1 set of selected spatial dataset requested
Number of delimitation Maritime Boundary for Samoa's EEZ	1	Ongoing	2 National Maritime Boundary Committee meeting has been conducted to discussed the report of Sydney Working Session

TABLE 44: OUTPUT 4 KEY PERFORMANCE INDICATORS

OUTPUT 5- ENVIRONMENT AND CONSERVATION

Performance Indicator	Target	Progress	Comments
Number of awareness and educational programs for Biodiversity conservation and Waste Management	20	Completed/Achieved	Completed 20 awareness and educational programs for biodiversity conservation and waste management (3 community (Matautu Lefaga, Vaiusu & Falevao) outreach programs for terrestrial biodiversity conservation, 9 completed for marine conservation (6 community outreach programs for MPA/mangroves and 3 schools presentation on mangroves, coral reefs and key migratory species), 2 school awareness completed for national reserves at Samoa Primary school for levels 5,6 & 7, 3 waste management awareness programs for Vaiusu, Matautu Lefaga and Falevao villages, 3 awareness programs for chemical and hazardous waste (1 school, 2 community at Falevao & Matautu Lefaga)
Number of monitoring and maintenance conducted for contractors of 3 Public toilets, Tafaigata and Vaiaata Sludge facilities	30	Ongoing	Conducted 15 monitoring works for sanitation and sludge facilities (6 monitoring site visits conducted for 3 Public Toilets at Mulinuu, Sogi and Eleele-fou, 6 monitoring conducted for Tafaigata sludge facility, and 3 monitoring conducted for Vaiaata sludge facility). The monitoring survey results has shown improvement of services and compliance in accordance to the conditions of their contracts
Number of monitoring conducted and tracked for chemical and hazardous waste	6	Ongoing	Completed and resolved 12 monitoring works for 12 open burning cases received (3-advisory letters issued, 2 warning letters, 7 verbal discussion). Completed 5 toners collection from 11 stations (12L trash bag/station) at TATTE building. Completed 2 shipment of toners (HP) (first shipment - 200kg, second shipment - 281kg) shipped under the HP toners e-waste take back initiative in partnership with SSAB and HP Company
Number of monitoring and maintenance visits conducted for all waste contract services	48(12 Rubbish collection services 12 Landfill Maintenance, 12 Litter Maintenance, 12 Lawn Maintenance)	Ongoing	Conducted 24 monitoring works for waste management for Upolu and Savaii (6 Rubbish collection services, 6 Landfill Maintenance for Tafaigata and Vaiaata, 6 Apia Litter Maintenance, 6 Apia Lawn Maintenance)
Number of waste minimization programs conducted (solid, chemical and hazardous waste)	6	Ongoing	8 waste segregation cages installed at 2 supermarkets (Farmer Joe at Savalalo & Vaitele) and 6 schools (Avele College, Leififi College, Maluafou College, Manumalo Primary School, Moataa Primary, Vailima Primary)
Number of surveys and monitoring conducted for biodiversity (maritime and terrestrial) priority areas including species of conservation for Samoa (PAs for national parks and reserves)	14	Completed/Achieved	8 waste segregation cages installed at 2 supermarkets (Farmer Joe at Savalalo & Vaitele) and 6 schools (Avele College, Leififi College, Maluafou College, Manumalo Primary School, Moataa Primary, Vailima Primary)
Total area of Reserve restored and rehabilitated	10ha	Completed/Achieved	10.22ha restored from July-Dec, 2020. The increase is due to the increase in number of field assistants (10) recruited under the GCF project for restoration works. The areas restored include the Vaitele Fou reserve, Malololelei bio park, Malololelei Recreational Reserve and Vailima National Reserve)
Number of control and/or eradication programs	3	Completed/Achieved	Conducted 9 management programs for invasive species (1 for water lettuce monitoring at the existing sites (mainly at the urban area), 1

conducted for priority invasive species in Samoa			monitoring and control for rattan at Papaseea, 6 rat control operation at Malololelei, and 1 monitoring of BSP plots for the 5 top priority tree species(African Tulip tree, 2 2 rubber trees, 2 albizia trees) at Vailima National Reserve.
Number of regulating tools for biodiversity conservation, EIA and waste management	3	Completed /Achieved	Endorsed 6 Policy and regulating legal instruments for biodiversity conservation and waste management (Samoa Ocean Strategy 2020 - 2030, Aleipata Districts Marine Protected Area management plan, 3 management plans for mangrove ecosystems conservation areas for 3 villages - Poutasi, Vaovai, Lotopue-Malaela, Waste Management (Plastic bags) Amended Regulations 2020). Finalised 3 policy and regulating instruments developed under the Global ABS project for the implementation of Nagoya Protocol in Samoa (2 Biocultural Community Protocols for Aopo and Faleseela and the Guideline for access and use of Traditional Knowledge associated with genetic resources developed under Global ABS project. Developed the draft Genetic Resources and associated Traditional Knowledge Management Bill 2020 and the draft translation of the 2 Biocultural Community Protocols for Aopo and Faleseela and the Guideline for access and use of Traditional Knowledge associated with genetic resources. Further revision have been made to the draft Environment Management and Conservation Bill to incorporate the environmental safeguard component.
Number of Waste Management Surveys Conducted. (Waste Audit survey, and Platform survey?)	2	Completed/ Achieved	Completed 3 waste audits for 3 mangrove areas for the villages of Vaiusu, Siufaga Falelatai and Lotopue Saleimoa. An overall summary indicated the dominant waste streams at Lotopue (PET bottles plastics 32.5%), Vaiusu (textiles 29%), Siufaga (metals 30%)
Protected areas established/Management Plans developed (numbers of Pas plans?)	2	Completed/ Achieved	Reactivate the re-establishment of Aleipata Districts MPA . Establishment of the mangrove ecosystems conservation areas for 3 villages - Poutasi, Vaovai, Lotopue-Malaela. Regular updates of data and information for Protected areas. Begin with process for the proclamation of PAs is in progress. General Rules for the sustainable use of all reserves is in place for further necessary action and implementation
Landscape design and implemented for Reserves (Landscaping for how many reserves?)	2	Ongoing	Developed 2 landscape designs for Lelata Reserve and Art Whistler Memorial Botanical Garden at Mt Vaea Nature Reserve. The implementation of these landscape activities will be funded under the GCF & Art Whistler Memorial Projects.
Number of transboundary movement notifications and applications approved and processed (permits)	5	Completed/ Achieved	7 transboundary movement of chemical and hazardous waste application received, assessed and approved (5 transits notification application for used car batteries, 2 applications received from the local recyclers for exportation of used car batteries
Number of complains and illegal dumping received, inspect and complete	10	Ongoing	18 waste collection complaints received (from B2, B3 and C2 zones), inspected and resolved. 1 illegal dumping court case pending - Vaigaga
Number of Development Consent Application (DCA) referrals from PUMA reviewed and submitted.	20	Ongoing	23 DCA from PUMA, 10 PEAR, 4 ESIA, 7 EMP, 2 without PEAR/EIA but just the Design. Most DCA are mainly construction works and Quarry works. It is also noted that some of the construction works progressed simultaneously with the review. 3 complaints and PUMA's response letter received for information. Overall, all PEAR/ESIA/EMP are compliance with Environmental law in the report however, non-compliance during constructions seems to be the issue
Number of site visits/monitoring visits conducted for developments	6	Ongoing	4 site visits conducted. 2 site visit at the Quarry Site at Saleimoa & Proposed Supermarket & Fast food restaurant in Fasitoo-uta with the Waste Management & Terrestrial and Biodiversity reps just to assist them with the review. 1 site visit to a complainant due open fire with representative from PUMA. 1 site visit to drainages work under the GCF-VCP in Sogi and Apia.

TABLE 45: OUTPUT 5 KEY PERFORMANCE INDICATORS

OUTPUT 6- FORESTRY MANAGEMENT, PLANNING & RESEARCH SERVICES

Performance Indicator	Target	Progress	Comments
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Total hectares planted to restore degraded forest in National Parks and Community woodlots	100	Ongoing	
Total hectares maintained in 4 National Parks	515	Ongoing	209 ha maintained
Total number of individual farmers/societies registered and participated at Sustainable Agroforestry and Community Forestry Programm	200	Ongoing	173 farmers registered
Number of national parks and community conservation areas management plans developed and implemented	1	Ongoing	Masamasa/Falelima Management Plan final draft
Number of research and species trials conducted	2	Ongoing	3 ongoing researches/studies conducted including Biomass and Carbon Assessment of Tree Species, Phenology Studies and Natural Regenerations of Forests
Number of wetland areas assessed, protected and documented	1	Incomplete	Can not conduct follow-up district consultation at Fagaloa due to Covid Restrictions in Jul - Dec 2020. Proposed consultation now postpone for next six months
Number of Forests conservation/production layers through collection of survey and monitoring data	5	Ongoing	22 layers produced; 10 FH layers/maps; 4 Magiagi restoration (GCF), 7 M/F maps for Management Plan (finalised in Sept - Ecosystem, Boundary/Road, Protected Area, Survey sites, Toursim, Five Years Zoning)
Number of forest harvesting license permit approved issued	20	Ongoing	10 out of 15 licences/permits approved and issued
Number of mobile sawmills registerd and inspected	9	Ongoing	10 out of 15 licences/permits approved and issued
Total number of seedling produced in 5 forestry nurseries	150,000	Ongoing	75,451 seedlings raised (co-ordinated national effort collected with all stakeholders)
Coordination and recording of the number of trees planted by all stakeholders under the 2 million trees planting campaign (5 years)	400,000	Ongoing	50,956 trees dispatched and planted within six (6) months (Jul - Dec '20). The total number of trees planted and recorded by all Stakeholders throughout the campaign is 2,203,506
Number of awareness and educational programs conducted on forestry	5	Ongoing	2 draft brochures developed (FM Act 2011 & Licence/Permit for harvesting of forestry resources)

TABLE 46: OUTPUT 6 KEY PERFORMANCE INDICATORS

OUTPUT 7- METEOROLOGICAL,WEATHER AND CLIMATE, GEOLOGICAL & GEOPHYSICS SERVICES

Performance Indicator	Target	Progress	Comments
Number of daily public and marine weather bulletins	2000	Ongoing	Routine duties carried out 24 hours daily are met. On target with 8 total routine bulletins disseminated each day. Temporary power outage can cause delays when the internet or website is unreachable but requires manual inputs. A short delay but are printed and delivered on unusual occasions
Number of daily Tokelau forecast translation	730	Ongoing	Tokelau bulletins prepared by RSMC Fiji Met are on target, updated twice daily. Can experience some delays from the issuing agency at times perhaps due to competing tasks but indicator remains on schedule
Number of daily aviation route forecast	8760+1	Incomplete	Route forecasts are prepared for aircraft take off that primarily focuses on Samoa Air but also include other airlines upon requests, includes chartered flights and additional flights initially not on schedule. Aviation sector has been heavily impacted by COVID pandemic and halted all outgoing flights
TV Weather reports	300	Ongoing	TV weather reports are conducted once daily and it is going according to budget standard. The count however does not include Sundays. Staff are dedicated daily to conduct TV Weather
Number of monthly weather summary	12	Incomplete	Weather summary reports are scientific researches done by allocated senior staff and officers to evaluate weather phenomena observed in the preceding months. Due to staff limitations and dedicated to the operation of severe weather since October towards February, personnel has been focused on the Tropical Cyclone operations center. Monthly weather summary documentations are expected to be completed after April. The staff focus will move away from Tropical Cyclones after the wet season.
Number of Nodding session briefings	100	Ongoing	The number of Nodding weather briefings is on schedule, two forecaster's presentations weekly and two seismic technician reports. The nodding sessions are occasionally attended by the Water Resource Division and the Disaster Management Office for hazardous weather expectations.
Number discussion archives	730	Ongoing	Daily discussions are archived twice daily and are updated and disseminated via the website www.samet.gov.ws These discussions aid the development of research and summary reports post weather events
Number of meteorological aerodrome reports (METAR)	8760	Ongoing	This activity remains on target despite the occurrence of COVID pandemic. METAR tasks are carried out at the Faleolo international airport on a 24/7 basis to aid Fiji Meteorological Service to prepare Terminal Aerodrome Forecasts. Although usual flights operations have primarily ceased except repatriation flights the duties under the WMO continue for our long term observations, and utilized for flight diversions.
Number of special meteorological aerodrome reports for deteriorating weather (SPECI)	360	Ongoing	These are complimentary reports to aid the METAR operations at Faleolo international airport only when severe weather is observed at the aerodrome. They are only issued when specific criteria of severe weather are met and are issued in 10 minutes until weather conditions improve
Number of Synoptic reports	2920	Ongoing	These are 3 hourly reports prepared in parallel with the METAR operations at Faleolo international airport and Apia Meteorological office. These routine duties are carried out every day and continue to be on schedule
Automatic Weather Station reports	730	Ongoing	Daily discussions are archived twice daily and are updated and disseminated via the website www.samet.gov.ws These discussions aid the development of research and summary reports post weather events
Nodding briefing observations	100	Ongoing	The meteorological observations report is required as validation and verification process for the Nodding weather briefings. A meteorological technician is responsible to collect the scientific data and display for the presentation. This report is on schedule and aligned with the forecasters report prepared twice a week.
Fortnight outlook report for the wet season	13	Ongoing	The medium term forecasting report is prepared and presented every two weeks. It was a pilot report in the 2019/2020 tropical cyclone season and has proved effective in informing response agencies with tropical cyclone development in the Southwest Pacific region. This report is on schedule and

			following through the expected timeline and count
Social media updates (text, pictures, videos)	260	Ongoing	Social media updates have become more frequent lately with the occurrence of severe weather and felt earthquakes. These social media posts accompany Severe Weather Information issuance and are normally shared amongst thousands of viewers/followers of Samoa Met social media pages. Educational material and traditional knowledge information are seen as some of the most shared updates on social media from Samoa Met. This activity is on target and more to come in the coming months.
Agrometeorology bulletins	12	Ongoing	This bulletin is work in collaboration for the Weather Service and Climate Service to prepare an outlook statement for farmers with the advice and guidance of other institutions like MAF and USP. The monthly update of this bulletin remains on schedule
Weather charts (surface, mid-level, upper-level)	2920	Ongoing	A total of 12 streamlines weather maps are analyzed and drawn daily by weather forecasters which aid in the development of the now-casting duties. Samoa is the only South Pacific country which is conducting such analysis in addition to the Mean Sea Level Pressure charts issued by Fiji and MetService NZ. The surface weather maps are issued on the Samoa Met website and can be accessed by other countries of the region. This activity is ongoing and remains on schedule
Smartphone application updates	1460	Ongoing	The smartphone application is updated 4 times a day by forecasters on duty and in addition to felt earthquake events. These routine tasks are carried out daily and complements the public and marine weather forecast issuance
Warnings per weather event (heavy rain, flooding)	36	Ongoing	Warning bulletins successfully transmitted timely and are meeting the expected count. Have incorporated these in the mandatory review of operational procedures to reflect the changes that must be made to improve the timeliness and effectiveness of warnings
Advisories per weather event (small craft, heavy rain, flood, coastal flood, wind)	60	Ongoing	Advisory bulletins successfully transmitted timely and are meeting the expected count. Have incorporated these in the mandatory review of operational procedures to reflect the changes that must be made to improve the timeliness and effectiveness of advisories
Severe Weather information bulletins	240	Ongoing	Severe weather information reports are successfully transmitted in advance of the weather event and are meeting the expected count. Have incorporated these in the mandatory review of operational procedures to reflect the changes that must be made to improve the timeliness
Special Weather Bulletin	10	Incomplete	Severe weather information reports are successfully transmitted in advance of the weather event and are meeting the expected count. Have incorporated these in the mandatory review of operational procedures to reflect the changes that must be made to improve the timeliness
Technical Maintenance of AWS	10	Ongoing	Maintenance work is in line with the maintenance plan for both all islands. However, replacement of defective sensors remains the main issue and is expected to be addressed under the World Bank project. This is an urgent requirement to fulfill the tasks of the meteorological service
Disaster Advisory Committee Briefing	5	Incomplete	So far only one briefing for the Disaster advisory committee has been conducted. These briefings are subject to the occurrence of Tropical Cyclones within the 400km radius of Samoa. In addition, in the current 2020/2021 wet season additional reports have been prepared and shared with the NEOC in the extreme, major, and minor flooding that happened in Samoa. These reports aid in the development of the Cabinet report.
Awareness campaign delivered for TC, EQ, Climate	10	Ongoing	As part of the CDCRM the Samoa Met are engaged in the community awareness programs to give details about the services that are delivered. Samoa Met also takes part in school visits and open day at institutions.
Commemoration of WMO Day 23 March	WMO Day 2020	Incomplete	As part of the CDCRM the Samoa Met are engaged in the community awareness programs to give details about the services that are delivered. Samoa Met also takes part in school visits and open day at institutions.

TABLE 47: OUTPUT 7 KEY PERFORMANCE INDICATORS

OUTPUT 9- WATER RESOURCES MANAGEMENT

Performance Indicator	Target	Progress	Comments
Number of Watershed Management Plans (WMPs) formulated and finalized	2 New WMPs (Laulii & Fatuvalu)	Completed	2 priority sites for the reporting period are Nuusuatia and Sasina with initial consultations completed and draft WMPs currentl in place for these sites.
Percentage of approved WMPs under implementation	0.57	Completed	The implementation of activities identified in WMPs is ongoing with many replanting activities (Malololelei, Nuusuatia, Fagalii), nursery installations (Lepa & Maliolio), and land area characterization works (Sasina & Nuusuatia) have been completed within the past Financial Year.
Cumulative total hectares of prioritised watershed areas rehabilitated and / or declared reserves	20 additional hectares (342 ha)	Completed	A total of 22ha of rehabilitated land through tree planting and fencing activities within the areas of Malololelei, Afiamalu, and Nuusuatia were conducted throughout the reporting period.
Groundwater potentiometric map developed using established monitoring boreholes	0.33	Completed	3 additional sites added to the potentiometric map with the establishment of 3 new monitoring boreholes to inform the network.
Number of monitoring boreholes drilled and feasible for groundwater monitoring	2 new monitoring boreholes (Taga & Satalo)	Completed	3 additional sites added to the potentiometric map with the establishment of 3 new monitoring boreholes to inform the network.
Regulatory tools in place and implemented, including policies, abstraction licenses, drilling permits and village by laws	6 new regulatory tools in place	Completed	A total of 22 licenses were processed and issued within the past FY. These included 6 new licenses (SWA) and 16 renewed licenses (12 SWA, 2 LDS, Kings Construction and Ulia Construction) to various water users in the country.
Number of Advisory (Water Resources Board) and Technical Coordination (WRTC) Committee Meetings	8 meeting conducted	Incomplete	Only 4 meetings were carried out throughout the reporting period (3 WRTC meetings and 1 Advisory Board meeting) due to SOE restrictions on gatherings during the last half of the FY.

TABLE 48: OUTPUT 9 KEY PERFORMANCE INDICATORS

OUTPUT 10- DISASTER MANAGEMENT

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	5	Ongoing	2 workshop done for Response Agencies 2 more in the pipeline before the end of the FY
Number of school's including schools committees trained on disaster preparedness	3	Incomplete	0 - Covid19 operations restrict the ability of the division to implement the activity
Number of villages that have completed CDCRM and have disaster plans in place	15	Ongoing	12 completed 10 more to be completed by the end of FY
Number of awareness campaigns developed and delivered and improved access to risk information	3	Ongoing	In progress: • Flood vulnerability video in production • Braille translation of Hazard awareness materials ongoing
Number of buildings assessed and declared as an evacuation center	(GCF Evacuation sites - Flash Floods) 5	Ongoing	In progress: 5 community evacuation centers recognized under the CDCRM program
Multi-Hazard Early Warning System (MHEWS) fully functional - New NEOC office (sirens, ERN, SMS, email) - monthly tests - Drills	12	Ongoing	Ongoing: • Procurement plan for MHEWS IT equipment in place as supported by the PReP project • Procurement of 5 sirens for the Vaisigano Catchment underway with the support of the GCF project • Procurement of ERN equipment including 30 handheld radios for Covid19 operations with the support of the MoF
Number of Sectors with DRM integrated plans	9	Incomplete	Covid19 Operations affecting the ability of the DMO to implement the activity
Number of risk assessments completed and disseminated (Coastal Erosion, Floods, Landslides, Tree Management)	2	Incomplete	Covid19 operations restricting the implementation. However, two national assessment were conducted as the result of the December 18 2020 Flooding Event and the January 06 2021 Flooding Event
GCF Project -Establish early flood warning system for the Vaisigano Catchment	5	Ongoing	Procurement of 5 sirens for the Vaisigano Catchment underway with the support of the GCF project
PREP Project -Establish Safety School to be used as an Evacuation Centre	1 new school building	Incomplete	Activity has been officially cancelled per F.K issued by the Cabinet. Activity has now been transferred to the MESC for implementation
Disaster Advisory Committee Co-ordination Committee - Timely meeting to inform NEOC operations and its co-ordination role for proclamation of emergency	2 meeting	Ongoing	• 2 Full DAC meeting held in December for the TC Outlook preparations and November for the Covid19 response to the two suspected cases • Regular subDAC meetings for Repatriation Flights.

TABLE 49: OUTPUT 10 KEY PERFORMANCE INDICATORS

OUTPUT 11- WATER SECTOR COORDINATION UNIT

Performance Indicator	Target	Progress	Comments
Implementation of "Water for Life" Water and Sanitation Sector Plan 2016-2020	New Water for Life Sector Plan 2021-2024 in place with 25% of planned actions completed	Ongoing	WASH Sector Plan 2020-2025 draft final in place. Implementation ongoing
Implementation of the Sector 3- Year Capacity Building Action Plan (2018-2021)	More than 80% of proposed trainings completed	Completed/Achieved	More than 80% of proposed trainings completed
Updated Sector MTEF Report	Updated MTEF 2020-2024	Completed/Achieved	Update Completed
Regularity of NWSSC, JWSSC, TSC and subsector committees' meetings at 50 meetings a year	More than 80% of proposed meetings (50 meetings) conducted with minutes and reports completed.	Ongoing	Meeting ongoing with more than 40% of meeting conducted
Annual Sector Performance Reviews Conducted	13th Annual Review Event	Ongoing	13th AR Event to be held on 24th March 2021 as planned
Publishing of Annual Review Reports	12th Annual Review Report Published and Launched	Ongoing	Reports to be launched at the AR
Increased number of sector related national research/ survey/ studies work	3 Research papers (subject to the approved budget)	Ongoing	2 research papers now underway with one more left to be finalised soon.
Annual Water and Sanitation Sector Forums conducted to showcase outcomes of the Sector's Research Initiative Program	10 th Forum	Ongoing	Forum to be held on 23rd March 2021
Joint Water and Sanitation Sector Journal published	5 th Forum	Incomplete	4th edition to be launched in March 2021 (Due to Covid-19 restrictions)
Independent Bi-ennial Review of Water for Life Sector Plan conducted	Independent Bi-ennial review for the sector for FY2020-21 with report completed	Ongoing	Biennial review to be done in the next FY21/22
Annual Monitoring of the Water and Sanitation Sector Projects (MDG), Initiatives and programs	Monitoring Report compiled and Disseminated (3 visits p/year)	Ongoing	Annual monitoring program to be conducted in May 2021
Percentage implementation of the Sector Communication Strategy	Water and Sanitation promotional programs/ Campaign on	Completed/Achieved	More than 80% prioritised activities being implemented

	relevant Media (TV, websites etc) Report provided annually		
Number of issues of Quarterly Newsletters	4 newsletters	Ongoing	Ongoing preparation and circulation of newsletter
Increased number of intakes for the Plumbing Training Program	2 intakes per year	Ongoing	2 intakes has been done this year
Number of Sector Implementing Agencies Trainings on DRM increase	2 trainings per year	Incomplete	Training on hold due to unavailability of trainers (DMO, SRCS) due to COVID19 commitments
Percentage of sludge (2) facilities fully and well maintained annually	100%	Ongoing	Ongoing implementation and monitoring
Percentage of public toilets (3) and Garden toilets (12) fully operational and comply with national sanitation/hygiene guidelines	100%	Ongoing	Ongoing implementation and monitoring
Commemoration of National Toilet Day	National Toilet Day Fy2020-2021	Completed/Achieved	National Sanitation Day Commemorated on 19 th November, 2020

TABLE 50: OUTPUT 11 KEY PERFORMANCE INDICATORS

OUTPUT 12- INFORMATION AND COMMUNICATION TECHNOLOGY DIVISION

Performance Indicator	Target	Progress	Comments
Technical Support of maintenance conducted for the ERN (Emergency Radio Network)	(23) Siren Upolu (12) Savaii. (12) ERN Upolu (TBC)	Ongoing	Ongoing maintenance and support of Emergency Radio and Siren network for Samoa. Upolu siren test conducted first Monday of every month.
Security and Level of Maintenance of Systems, DKIF, Websites and Environmental Portals (Daily Back-Up at Vailima office)	90%	Ongoing	Ongoing maintenance and update of the all information systems within the ministry: Website, SOLA/LIDAR, PostFix (Email), DKIF, Pacific Climate Change Portal (iCLIM), GEONode, Telemetry, Access and Benefit Sharing (ABS) and Finance One.
Maintenance of IT Network (Operational) (15 servers)	100%	Ongoing	Ongoing maintenance and operation of 15 servers in the main office: system servers, file servers, Firewall, Active Directory, DNS and Telephone System etc. 95% of the helpdesk issues resolve.
Upgrade security and licensing (Firewall, Antivirus, SSL)	100%	Completed/Achieved	All security hardware and software upgraded with 3 years licensing.
Disaster recovery Plan and Backup	100%	Ongoing	Systems backup daily, weekly and monthly.
ICT Inventory	100%	Completed/Achieved	ICT Inventory updated every financial year

TABLE 51: OUTPUT 12 KEY PERFORMANCE INDICATORS

ANNEX 3: PROJECT MATRIX

1	<p>Project Name: Economy Wide Integration of Climate Change (EWACC) Project Development Partner: GEF / UNDP Total Funding: USD\$12.3 Million Timeframe: 2015 - 2022 Responsible Division/Focal Point: GEF / Climate Change Division % Delivery rate to date: 80%</p>
	<p>Project Objective: 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>
	<p>Progress:</p> <ul style="list-style-type: none"> • Approval of Project Extension from November 2021 to June 2022 • Recruitment of CTA • Management Supervision Mission to Savaii • Project Management Re-shuffling • EWACC Report to Cabinet Development Committee • Climate Change Report Card and Cyclone Season • CDCRM Program Rolled out through ADRA and SRC • Procurement of drainage upgrade work (Site 16) in Vaisigano in progress through LTA • Joint M & E between MWCSO and PMU to vulnerable families in Upolu and Savaii complete, analysis of data and information in progress <p>River catchment clean up, dredging and deepening now in progress implemented by WRD (Fuluasou, Vaie, Vaisigano, Gasegase and Loimata o Apaula)</p>
2	<p>Project Name: Third National Communication Report and First Biennial Report (2020-2024) Development Partner: GEF / UNDP Total Funding: USD\$1,002,000.00 Timeframe: 2020-2024 Responsible Division/Focal Point: GEF / Climate Change Division % Delivery rate to date: 7%</p>
	<p>Project Objective:</p> <ul style="list-style-type: none"> • The enabling activity aims to assist Samoa in meeting reporting requirements under the UNFCCC Convention in accordance with its commitments as a non-Annex 1 Party (as mandated by Article 4 and 12 of this Convention and COP 16 and 17 decisions), and to strengthen the technical and institutional capacity of Samoa to prepare and submit National Communications and Biennial Update Reports to the UNFCCC <p>To develop and update the following:</p> <ul style="list-style-type: none"> • National Circumstances • Update National GHG Inventory • Vulnerability & Adaptation Assessment • Mitigation Action • Development of 1st BUR • Knowledge Management
	<p>Progress:</p> <ul style="list-style-type: none"> • Database Developer recruited. • GHG Inventory information collection progressing at 80% <p>Board approval for transfer of remaining funds from UNDP to Government of Samoa for implementation purposes.</p>
3	<p>Project Name: Enhancing integrated sustainable management to safeguard Samoa’s natural resources (GEF 7) Development Partner: GEF / UNDP Total Funding: USD\$3,502,968 Timeframe: 2022-2025 Responsible Division/Focal Point: GEF / Climate Change Division % Delivery rate to date: 0%</p>
	<p>Project Objective: To equip and empower local communities to safeguard Samoa’s indigenous species, natural ecosystems and food</p>

	production systems from Invasive Alien Species and unsustainable practices.
	<p>Progress:</p> <ul style="list-style-type: none"> The concept or the project identification form (PIF) was submitted after conducting 3 wider stakeholder consultations for the formulation of the concept. Project Proposal approved by GEF Development of the Project Preparation of the full project document and Validation Workshop held in July 2021
4	<p>Project Name: <i>Pilot Program on Climate Resilience (PPCR)– IDA/World Bank</i> Development Partner: <i>World Bank</i> Total Funding: <i>USD\$14,600,000.00</i> Timeframe: <i>2013-2021</i> Responsible Division/Focal Point: <i>GEF & CC/DEC/WRD/WSCU</i> % Delivery rate to date: 80%</p>
	<p>Project Objective: To pilot and demonstrate ways in which climate risk and resilience may be integrated into core development planning and implementation in a way that is consistent with poverty reduction and sustainable development goals. In this way, the PPCR provides incentives for scaled-up action and initiates transformational change.</p>
	<p>Progress:</p> <ul style="list-style-type: none"> Complete development and formulation of CIM Plans for 43 districts <p>Project deliverables completed in June 2021</p>
5	<p>Project Name: <i>Pacific Adaptation to Climate Change Resilience Building Project (PACRES)</i> Development Partner: <i>EU/SPREP/PIFS/USP</i> Total Funding: <i>USD\$</i> Timeframe: <i>2020-2022</i> Responsible Division/Focal Point: <i>GEF & CC/WSCU/FRD</i> % Delivery rate to date:</p>
	<p>Project Objective:</p> <ul style="list-style-type: none"> PACRES aims to ensure better regional and national adaptation and mitigation responses to climate change challenges facing Pacific ACP countries. The PACRES Project aims to address climate challenges highlighted under the CIM Plans interventions in the forestry sector as well as providing opportunities to strengthen water security, and addressing ecosystem based adaptation measures within the areas of the project scope.
	<p>Progress:</p> <ul style="list-style-type: none"> Implement activities identified in CIM Plans – water security by WSCU Ecosystem and Socio-economic Resilience Analysis Mapping (ESRAM) style assessment in Saleaula, Savaii - draft report in place National Parks Management Planning – Forestry Management Plan for Masamasa- Falelima National Park Capacity needs assessments – Taga & Matautu villages during community consultation in February 2020 Training Opportunities – Practical farming methods, delivered through USP School of agriculture & Farming Techniques Mainstreaming CC & DRM into local development plans – Community Development Sector Plan 2016-2021
6	<p>Project Name: <i>Improving Performance and Reliability of Renewable Energy Power Systems in Samoa (IMPRESS) Project</i> Development Partner: <i>GEF/UNDP</i> Total Funding: <i>USD\$6,076 Million</i> Timeframe: <i>2017 - 2022</i> Responsible Division/Focal Point: <i>Renewable Energy Division</i> % Delivery rate to date: 80%</p>
	<p>Project Objective:</p> <ul style="list-style-type: none"> Improved sustainable and cost-effective utilization of indigenous renewable energy resources for energy

	<p>production in Samoa</p> <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 <ul style="list-style-type: none"> ○ Salua village- Manono, ○ Saasaai village- Savaii, ○ Methodist Atinae - Faleula ○ STEC - Mulifanua <p>Vaisala - Savaii</p>
	<p>Progress:</p> <ul style="list-style-type: none"> • Finalisation of MTR report for the project. • 5 biogas systems completed and launched (Faleula, Saasaai, Vaisala, Papauta Girls College and STEC Mulifanua) • Official closing and completion of 2021 RE Scholarship Awards for 13 students who graduated with Samoa Certificate II in Sustainable Energy.
7	<p>Project Name: Integrated Flood Management to Enhance Climate Resilience for the Vaisigano River Catchment Output 2 Activity 2.2</p> <p>Development Partner: GCF</p> <p>Total Funding: USD\$8 Million</p> <p>Timeframe: 2017 - 2023</p> <p>Responsible Division/Focal Point: Environment Sector Coordination Division</p> <p>% Delivery rate to date: 76.1%</p>
	<p>Project Objectives:</p> <p>To implement ecosystem based responses upstream for decreased flows during extreme weather events</p>
	<p>Progress:</p> <p>Cash for Work Programme</p> <ul style="list-style-type: none"> • Contracts for 30 CfW staff endorsed and signed to continue work until end of project in July 2023 • Replanting and restoration work continue for assigned areas in Malololelei, Afiamalu, Magiagi, and Vailima. <p>Ecosystem based Adaptation Enterprise Development Programme</p> <ul style="list-style-type: none"> • Implemented in partnership with CSSP and SBH • Round 1 – 180 projects remain from 195 approved. 59 projects completed with overall disbursement at 75% (\$2,866,748.45) • Round 2 – 303 projects remain from 319 approved. More than 100 projects implementation in progress with overall disbursement at 19% (\$1,239,408.31) <p>Payment for Ecosystem Services Programme</p> <ul style="list-style-type: none"> • Project Implementation at Stage 3 with identification of Project Idea Note, validation and registration. • PES Coordinator (NGO) re-tendered with procurement to be completed by end of January 2022 • The potential interest to include the Catholic Church critical landscapes in Malololelei has also been identified, and dialogue with the church Land Board has been initiated to discuss this development further.
8	<p>Project Name: EDF10 ACP EU Building Safety and Resilience in the Pacific</p> <p>Development Partner: European Union</p> <p>Total Funding: EURO 540,000</p> <p>Timeframe: 2014 - 2018</p> <p>Responsible Division/Focal Point: Disaster Management Office (DMO)</p> <p>% Delivery rate to date: 100%</p>
	<p>Projective Objective:</p> <p>To reduce vulnerability as well as the social, economic and environmental costs of natural disasters in Samoa</p>
	<p>Progress:</p> <ul style="list-style-type: none"> - Implementation completed <p>Note: Awaiting approval for EDF 11. Proposal already submitted.</p>
	<p>Regional Projects</p>

9	<p>Project Name: <i>Fagalii Ridge to Reef (R2R) Project</i> Development Partner: <i>Global Environment Facility (GEF)/Secretariat to the Pacific Community (SPC)</i> Total Funding: <i>USD\$200,000</i> Timeframe: <i>2016 - 2019</i> Responsible Division/Focal Point: <i>Water Resources Division</i> % Delivery rate to date: 100%</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. <p>Samoa’s International Water R2R project focuses on the Fagalii Watershed given the many issues facing water quality for drinking water and also the receiving coastal waters.</p>
	<p>Progress:</p> <ul style="list-style-type: none"> Implementation already completed. Terminal evaluation report in progress.
	<p>Project Name: <i>Pacific Resilience Program (PRP)</i> Development Partner: <i>World Bank</i> Total Funding: <i>USD\$16,293,000.00</i> Timeframe: <i>2016 - 2022</i> Responsible Division/Focal Point: <i>Disaster Management Office (DMO)</i> Implementing Partners: % Delivery rate to date: 56.55%</p>
	<p>Project Objective:</p> <ul style="list-style-type: none"> To strengthen early warning, resilient investments and financial protection of Samoa
	<p>Progress:</p> <ul style="list-style-type: none"> Completed outstanding procurement of audio visual equipment and fire water tanks for NEOC building Preparation of Tender for Design of Seismic Operation Center (SOC) at Tuanaimato. <p>Insurance premium cover for November 2021 – October 2022 paid for the Pacific Catastrophe Risk Insurance Company.</p>
10	<p>Project Name: <i>Japanese Technical Cooperation Project for Promotion of Regional Initiatives on Solid Waste Management in Pacific Island Countries (J-PRISM II)</i> Development Partner: <i>Japan International Cooperation Agency (JICA)</i> Total Funding: <i>Provision of capacity building initiatives (technical cooperation)</i> Timeframe: <i>Ongoing</i> Implementing Focal Point: <i>Division of Environment & Conservation</i> % Delivery rate to date: 80%</p>
	<p>Project Objective: <i>To improve solid waste management</i></p>
	<p>Progress:</p> <ul style="list-style-type: none"> Submitted proposal for the user pay system for waste collection service to the Revenue Board and awaiting response. Waste collection services monitoring system developed and implemented using the SkyEye GPS system. Proposing a workshop on Disaster Waste Management to be held virtually in 2021 Proposing the Steering Committee meeting in 2021 to update on the implementation of the National Waste Management Strategy 2019-2023
	<p>Regional Projects with Meteorological components: COSPPac, PREP & CREWS</p>
	<p>Information: These projects have Meteorological components however the funding is not with the Meteorology Division</p>
11	<p>Project Name: <i>Strengthening Agrometeorological Services & Pest and Disease Early Warning System Project</i> Development Partner: <i>Food and Agriculture Organisation</i> Total Funding: <i>ST\$36,820</i></p>

	Timeframe: 2019-2020 Responsible Division/Focal Point: Meteorology Division % Delivery rate to date: 80%
	Project Objective: To compile and provide meteorological forecast and agriculture information for farmers to increase and sustain agricultural productivity in Samoa through improved dissemination and application of weather and climate information using an integrated and coordinated approach.
	Progress: <ul style="list-style-type: none"> Stakeholder's consultations completed with Ministry of Agriculture & Fisheries and the University of the South Pacific (USP) forming the Technical Working Group. Monthly meetings for the provision of data and information for the publication of the Agro-Met bulletin. 12 Agro-Met Bulletin trial completed and final product is now made available to stakeholders particularly the Agriculture Sector. Present and participate in the regional workshop with pilot countries (Cambodia and Nepal)
12	Project Name: Ocean Acidification Project Development Partner: Korea Institute of Ocean Science and Technology (KIOST) Total Funding: None controlled by Samoa Timeframe: 5 years Responsible Division/Focal Point: Meteorology Division % Delivery rate to date: on-going
	Project Objective: To undertake urgent actions to protect coral reefs and other vulnerable marine ecosystems through the development and implementation of comprehensive and integrated approaches for the management and the enhancement of their resilience to withstand pressures, including from ocean acidification and invasive species, and by drawing on measures such as those identified in the Framework for Action 2013 of the International Coral Reef Initiative.
	Progress: <ul style="list-style-type: none"> Most of the monitoring equipment are procured and have arrived in Samoa Payments are still in the process of transmission to the suppliers and because of COVID 19 installation will be done as soon as possible upon arrival of expert teams from Korea in 2021.
13	Project Name: Ozone Project - Protection of the Ozone Layer Development Partner: UN Environment Programme Total Funding: USD\$99,850.00 Timeframe: 2019-2021 Responsible Division/Focal Point: Meteorology Division % Delivery rate to date: 70%
	Project Objective: Phasing out of Ozone Depleting Substance in refrigeration and air conditioning
	Progress: <ul style="list-style-type: none"> Three sub-projects were successfully completed in 2020. Projects closed includes; The Verification of HCFC consumption in Samoa, HPMP Stage 2 Preparation and HPMP Stage 1 Tranche 2) Stakeholders consultations on the Legal Framework completed, PK submitted to Legal division for Ozone Layer Protection Regulations amendment Monitoring of HCFC and HFC trade through licensing of companies and RAC technicians are on-going National Ozone Committee Meetings held quarterly (3 completed in 2020) 4 Refrigeration and Air conditioning technicians trainings conducted (1 refresher, 2 in Upolu and 1 in Savaii on flammable refrigerants Refrigerant recovery operations on-going World Ozone day celebrations 2020 completed ODS inspections and data collections continuous, currently preparing data collection for Article 7 data reporting in March 2021 Workshop with Customs brokers/agents with Energy Division completed Coordination with Customs on-going TV advertisement of the licensing system is currently in development to be finalized in Feb 2021 RAC Association meetings and coordination on-going Consultations on the RAC Certification system have initiated

14	<p>Project Name: <i>Review and Update of the National Implementation Plan (NIP) for Persistent Organic Pollutants (POPs) under the Stockholm Convention</i></p> <p>Development Partner: <i>Global Environment Facility (GEF)/United Nations Environment Programme (UNEP)</i></p> <p>Total Funding: <i>USD125,000</i></p> <p>Timeframe: <i>2016 - 2018</i></p> <p>Implementing Focal Point: <i>Division of Environment and Conservation</i></p> <p>% Delivery rate to date: 95%</p>
	<p>Project Objective: To review and update the National Implementation Plan (NIP) for POPs</p>
	<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. • Socio-Economic Impact Study completed and Report is in place • POPs Key priorities and Action Plans completed and Report with action plans is in place • Legal Review of POPs management completed and report is in place • RFP for NIP Review and Update is in process for recruitment of consultant • A letter of request for extension with the revised work plan and budget is prepared to be submitted to UNEP to allow time for the completion of final activities of the project, including Final Compilation and final Stakeholders Consultation • New PCA endorsed and project to be completed on 31st August • Final budget is in process • Consultant to compile the Updated & Reviewed NIP Report is on board and Methodology and Work Plan has been submitted to the Project Unit. • Final Draft of the Reviewed and Updated NIP report is submitted and consultant final comments from UNEP and stakeholders • Review and Updated NIP Report finalized and endorsed • National Review and Updated NIP Report launched and published • Awaiting Audit Reports for closure of the Project.
	<p>Enabling Activities</p>
15	<p>Project Name: <i>Continuing Regional Support for the Persistent Organic Pollutants (POPs) Global Monitoring Plan (GMP2) under the Stockholm Convention in the Pacific Region</i></p> <p>Development Partner: <i>Stockholm Convention GEF/UNEP</i></p> <p>Total Funding: <i>USD72,000</i></p> <p>Timeframe: <i>2017 - 2019</i></p> <p>Implementing Focal Point: <i>Division of Environment and Conservation</i></p> <p>% Delivery rate to date: 80%</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 • 4th and 5th water samples collected and shipment documents is in process • PUFs 3rd and 4th air samples collected and shipment documents is in process • National interest of matrices identified as ocean and reef fish are in procurement phase. • National matrices of interest including fish, eggs, beef meat shipped for testing. • 6th and 7th water samples sent with PUFs 5 and 11. • Human milk collection is ongoing • Human milk samples finalized and shipped to Germany. • Final air samples to be collected end of October • Water samples completed • All samples completed and submitted for analysis.

	<ul style="list-style-type: none"> New Activities is proposed to utilize remaining funds and project is extended to end of 2021.
16	<p>Project Name: <i>Preparation of the Interim National Report on the Implementation of the Nagoya Protocol in Samoa</i></p> <p>Development Partner: <i>Global Environment Facility (GEF)</i></p> <p>Total Funding: USD 20,000</p> <p>Timeframe: 2017 - 2019</p> <p>Responsible Division/Focal Point: <i>Division of Environment & Conservation</i></p> <p>% Delivery rate to date: 100%</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"> Launching of Samoa's National Interim Report on the Implementation of Nagoya Protocol in Samoa during the commemoration of the National Environment Week 2019. Prepared and submitted the following reports; <ul style="list-style-type: none"> Expenditure statement report. Co-finance report. Project final report This project is completed
17	<p>Project Name: <i>Development of Samoa's Sixth National Report to Convention on Biological Diversity (CBD)</i></p> <p>Development Partner: <i>Global Environment Facility (GEF)</i></p> <p>Total Funding: USD\$100,000</p> <p>Timeframe: 2018 - 2019</p> <p>Responsible Division/Focal Point: <i>Environment and Conservation Division</i></p> <p>% Delivery rate to date: 100%</p>
	<p>Project Objectives:</p> <ul style="list-style-type: none"> Assessment of progress towards each ABT and/or national equivalent. Production and submission of 6th National Report
	<p>Progress:</p> <ul style="list-style-type: none"> Completed one on one meetings with stakeholders to collect data and information to facilitate the development of the first draft 6NR Conducted three (3) stakeholders consultation for the development of the report Completed three (3) Steering committee meetings with key relevant stakeholders to provide update on the development of the 6NR Conducted a validation workshop 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 of the Convention on Biological Diversity in Egypt. Prepared a presentation on Samoa's 6NR report spatial information for 14th Conference of the Parties for the Convention on Biological Diversity Submitted a final draft 6NR to the UNDP for their technical review Worked with the consultants to address comments and feedback from the technical review by UNDP Completed the final review of the report as well as the final design and layout Submitted Samoa's final 6th National Report to the Secretariat of the Convention on Biological Diversity (SCBD) The final report will be uploaded on the Convention on Biological Diversity website once received a confirmation on the authorised personnel to upload the report from the national focal point (CEO-MFAT) Launching of the 6NR report during the commemoration of the National Environment Week 2019 This project is completed
18	<p>Project Name: <i>Development of Samoa's Seventh Report to the United Nations Convention to Combat Desertification (UNCCD)</i></p> <p>Development Partner: <i>GEF-UNEP</i></p> <p>Total Funding: USD70,000.00</p> <p>Timeframe: 2017-2018</p>

	<p>Responsible Division/Focal Point: <i>Land Management Division</i></p> <p>% Delivery rate to date: 100%</p>
	<p>Project Objective</p> <ul style="list-style-type: none"> To monitor progress made in the implementation of the 2018 – 2030 Strategic Framework <p>Helps equipped the Conference of the Parties (COP) with necessary knowledge to enable them adopt targeted decisions and guidance that is more focused and oriented in supporting the effective achievement of the five key Strategic Objectives. Such knowledge is valuable also for Parties and country Stakeholders that work on the implementation of the UNCCD at the national and local levels.</p>
	<p>Progress:</p> <ul style="list-style-type: none"> Commemoration of the World Land Week 2019
19	<p>Project Name: Malololelei Pest Management</p> <p>Development Partner: Auckland Zoo, Public Development Conservation Trust and PeIGAR International, UK</p> <p>Total Funding: SAT43,000</p> <p>Timeframe:2017 – 2020</p> <p>Responsible Division/Focal Point: Division of Environment and Conservation</p> <p>% Delivery rate to date: 74.4% (this % remains as there was no funding allocation used during this reporting period)</p> <p>% Delivery rate of project deliverables: 66% (10/15 key outcomes of the project have been addressed and implemented with ongoing monitoring)</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"> Completed quarterly monitoring of the Monitoring Lines in July 10th – 13th Completed two baiting sessions for the bait stations on July 13th – 14th and November 10th – 11th Progress Report for January – September is completed and is already being shared with partners and donors. Ongoing monitoring for both Monitoring Lines and Baiting activities Rat Control Procedure Manual is in place and will be used for practical guide for pest control communities/technicians working on rural environments
20	<p>Project Name: <i>Enhancing Climate Resilience of Coastal Resources & Communities (PPCR Project) - District Sub project Strengthening monitoring of marine and coastal ecosystems as an adaptive measure to safeguard biodiversity and enhance the resilience and adaptive capability of communities against climate change (Aleipata and Falealili)</i></p> <p>Development Partner: World Bank</p> <p>Total Funding: WST\$394,360.00</p> <p>Timeframe: 2018-2020</p> <p>Responsible Division/Focal Point: DEC</p> <p>% Delivery rate to date: 100%</p>
	<p>Project Objective</p> <p>To enhance ecological resilience of the marine and coastal environment to withstand adverse impacts of climate change on coastal marine biodiversity in Samoa and support community livelihoods, by establishing Marine Protected Area in the two Aleipata districts and rehabilitation of the extensive mangrove ecosystem in the district of Falealili</p>
	<p>Progress</p> <p>Awareness Materials:</p> <ul style="list-style-type: none"> Completed two TV ads on Mangroves and MPA importance. Currently airing on TV1, TV3, social media (MNRE FB), MNRE website and other platforms 6 Sign Boards (3 for Aleipata MPA and 3 for Mangroves) developed and installed MPA brochure drafted and to be finalised for printing <p>Management Plans:</p> <ul style="list-style-type: none"> 4 management plans developed, endorsed and launched for; Aleipata Districts MPA and Mangrove

	<p>Ecosystems of Lotopue-Malaela, Vaovai and Poutasi</p> <p>MPA demarcation:</p> <ul style="list-style-type: none"> • Demarcation of NO-TAKE-ZONES for Aleipata MPA (1 – 5 Feb 2020)
21	<p>Project Name: <i>Policy development, coastal topography survey and capacity building for the coastal disaster damage reduce in Samoa</i></p> <p>Development Partner: EXPO YEOSU Korea Foundation</p> <p>Total Funding: SAT26,863</p> <p>Timeframe: 2017 – 2021</p> <p>% Delivery rate to date: 80%</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"> • Project deliverables 100% completed. <p>Completed ecological monitoring survey for Safata MPA</p>
22	<p>Project Name: <i>Pilot Program for Climate Resilience (PPCR) - Samoa Enhancing the Climate Resilience of Coastal Resources and Communities Project</i></p> <p>Sub project: <i>Application of long term monitoring tools and methodology to assess climate change impact upper catchment areas and montane/cloud forest ecosystems on upland Central Savaii</i></p> <p>Total Funding: \$880, 000.00 SAT</p> <p>Timeframe: July 2018 - March 2021</p> <p>Responsible Division/Focal Point: Division of Environment and Conservation</p> <p>% Delivery rate to date: 100% (project completed in June 2021)</p>
	<p>Project Objective</p> <ul style="list-style-type: none"> • Strengthen collaborative efforts to establish protected area management of the middle and upland forest of Savaii (Gagaifomauga III district) building environmental resilience of upper catchment areas and montane/cloud forest to climate change thereby promoting social and economic benefits of natural resources to sustain community livelihoods • To established project site and gather community conservation agreements for the upper catchment and montane/cloud forest • To strengthen environmental resilience of upland forest ecosystems and catchment areas to climate change by monitoring ecological functions of ecosystem services through a follow-up a rapid biodiversity assessment • To raise awareness and train local communities and land owners with knowledge on the importance and benefits of upper catchment areas and upland protected area management • To identify key project monitoring areas – mapping of key zoning areas (introducing the MAB concept) using LiDar information/database aerial maps • To pilot a demonstrated approach to sustainable management and development of protected areas on both village and national level <p>To allow opportunities for sustainable income generating initiatives and eco-tourism mechanisms to support livelihoods</p>
	<p>Progress:</p> <ul style="list-style-type: none"> • Completed in-house training for the Aopo Community in August 27th – 28th • Completed the final phase of the BioRAP survey for the cloud forest of Aopo from the 31st August – 4th September • Draft final report is in place and soon to be finalised and will be shared with partners and stakeholders • Construction of Base Station at Aopo is yet to implement after contract is signed between MNRE and Contractor – New Era
23	<p>Project Name: <i>Enhancing the sustainable management and protection of Samoa’s Protected Area Network “Biodiversity and Protected Areas management” (BIOPAMA)</i></p> <p>Development Partner: IUCN</p> <p>Total Funding: EUR 99,999</p> <p>Timeframe: 2021 - 2022</p>

	Responsible Division/Focal Point: DEC % Delivery rate to date: 0%
	Project Objective <ul style="list-style-type: none"> Enhance the management and governance of priority protected areas by addressing existing limitations; Enforce the legal framework required to achieve effective biodiversity conservation in PAs; Support local communities' initiatives aiming to enhance the livelihoods of local people whilst effectively contributing to protected areas management.
	Progress <ul style="list-style-type: none"> Clearance of Grant Agreement from Legal for endorsement of IUCN and MNRE CEO Facilitate the procurement process for the marine research boat
24	Project Name: Global Climate Change Alliance (GCCA+) initiative for climate adaptation and resilience building in Samoa – Marine Spatial Planning (MSP) Development Partner: IUCN & SUNGO Total Funding: TBC Timeframe: 2019 - 2022 Responsible Division/Focal Point: DEC % Delivery rate to date: xx% (TBC)
	Project Objectives <ul style="list-style-type: none"> Promote the sustainable use of Samoa's marine resources while increasing climate resilience of its local communities To support ecosystem-based adaptation (EbA) at local and central level by implementing a marine spatial planning (MSP) in Samoa and strengthening community engagement in climate action.
	Progress <ul style="list-style-type: none"> completed national Bioregion workshop completed stakeholders review of the consultation and communication framework for MSP

TABLE 52: PROJECT MATRIX

ANNEX 4: LEGISLATIVE & POLICY MANDATES

Legislation		National Policy		Subsidiary Legislation (Regulations / By-Laws / Orders)	
1	Samoa Market Ordinance 1927	1	Cultural & Natural Heritage & Conservation Policy 2000	1	Waste Management (Importation of Waste for Electricity and Energy Recovery) Regulations 2015
2	Building Alignment Ordinance 1932	2	Integration of Climate Change Risk and Resilience into Forestry Management (ICCRIFS) 2011-2015	2	Waste (Plastic Bags) Management Regulations 2018 (+ 2020 Amendment)
3	Stevenson Memorial Reserve and Mount Vaea Scenic Reserve Ordinance 1958	3	National Chemical & Hazardous Waste Management Policy 2012	3	Forestry Management Act 2011 – Order for Fees 2013
4	Taking of Land Act 1964	4	National Drought Policy (Tendered Documents-Yet to be finalized)	4	Land Titles Registration Act 2008 – Order / Notice of Fees 2009
5	Leasing and Licensing of Customary Land Act 1965	5	National Forestry Policy 2007	5	Land Titles Registration Regulations 2010
6	Land Titles Investigation Act 1966	6	National Invasive Species Action Plan	6	Marine Wildlife Protection Regulations 2009 (+ Amendments)
7	Alienation of Freehold Land Act 1972	7	National Policy for Licensing Surveyors 1999	7	Ozone Layer Protection Regulations 2006
8	National Parks and Reserves Act 1974	8	National Sanitation Policy 2009	8	Protection of Wildlife Regulations 2004
9	Land Surveys and Environment Act 1989	9	National Sanitation Policy 2010	9	Water Resource Licensing Regulation 2013
10	Samoa Trust Estates Corporation Reconstruction Act 1990	10	National Urban Policy 2013	10	Survey Regulations 2011
11	Land for Foreign Purposes Act 1993	11	National Waste Management Policy 2001	11	Unit Titles Regulations 2014
12	Disaster and Emergency Management Act 2007	12	National Water Resource Management Policy 2010	12	Water Resources Management Regulation 2013
13	Land Titles Registration Act 2008	13	National Water Services Policy 2010	13	Water Resources Management Amendment Regulations 2020
14	Water Resources Management Act 2008	14	National WRM Policy 2009	14	Marine Protected Areas (MPA) By- Laws 2007
15	Unit Titles Act 2009	15	Renewable Energy and Energy Efficiency Policy Framework 2016	15	Survey Regulations 2011
16	Land Valuation Act 2010	16	The National Upland Watershed Conservation Policy (NUWCP) 2015.	16	Water Resource Licensing Regulation 2013
17	Waste Management Act 2010	17	Water Allocation Policy 2013	17	Piu/Sapunaoa Water Resources By-Laws 2020
18	Spatial Information Agency Act 2010	18	Water for Life: Water & Sanitation Sector Plan for 2012-2016	18	Safua Water Resources By-Laws 2020
19	Survey Act 2010	19	National Implementation Plan for Persistent Organic Pollutants (to be reviewed)	19	Tapueleele Water Resources By-Laws 2020
20	Forestry Management Act 2011	20	National Biodiversity Strategy and Action Plan 2015 – 2020	20	Tafitoala Water Resources By-Laws 2020
21	Customary Land Advisory Commission Act 2013	21	National Disaster Management Plan 2017 – 2020	21	Palauli Water Resources By-Laws 2020
				22	Gasegase Water Resources By-Laws 2020
				23	Aufaga Water Resources By-Laws 2020
				24	Faleaseela Water Resources By-Laws 2020
				25	Fuluasou Water Resources By-Laws 2020
				26	Vailoa Palauli Water Resources By-Laws 2020

ANNEX 5: MNRE ASSET REGISTER

Asset Number	Asset Description	Current Cost SAT\$	Category Description	Sub Output	Sub Output Description
NE-004020	2 Air Con 70 inch (\$2,345 per Air)	4,690.00	Plant & Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004021	2 Air Con 26 inch (\$1,200 per Air)	2,400.00	Plant & Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004022	TV 55 inch	3,200.00	Office Equipment	2870	Meteorological, Hydrological, Geological
NE-004023	TV 55 inch	3,200.00	Office Equipment	2870	Meteorological, Hydrological, Geological
NE-004024	TV 55 inch	3,200.00	Office Equipment	2870	Meteorological, Hydrological, Geological
NE-004025	TOOL CHEST 279PC	3,899.00	Office Equipment	9092	NE - Transactions of Behalf of the State
NE-004026	Dell Inspiron 2-IN-1 Core i7-8565U Laptop	4,819.00	Office Equipment	9092	NE - Transactions of Behalf of the State
NE-004027	Automatic Weather Station	3,500.00	Plant & Equipment	2870	Meteorological, Hydrological, Geological
NE-004028	HADN TOOL SET 142pcs INGCO	780.00	Office Equipment	2850	Environment Services
NE-004029	TP-Link Network T1600G-28TS/ 24 Port Switch	1,798.00	Office Equipment	2884	Information and Communication Technology
NE-004030	TP-Link Network T1600G-28TS 24-Port Switch	1,798.00	Office Equipment	2884	Information and Communication Technology
NE-004031	Ph C/less Uniden DECT 10158B	115.90	Office Equipment	9092	NE - Transactions of Behalf of the State
NE-004032	OFFICE PARTITIONS SCREEN (DMO)	8,308.70	Furniture & Fittings	2882	Disaster Management
NE-004033	Whiteboard Lacquered 1200*1200	480.00	Office Equipment	2882	Disaster Management
NE-004034	BROTHER PTOUCH D400 LABELLING MACHINE	250.00	Office Equipment	2882	Disaster Management
NE-004035	5 GARMIN GPS MAP 64SX (\$2,199 per GPS)	10,995.00	Office Equipment	9092	NE - Transactions of Behalf of the State
NE-004036	5 GARMIN GPSMap 64SX (\$1680 per GPS)	8,400.00	Office Equipment	9092	NE - Transactions of Behalf of the State
NE-004037	PB Intel i7-10700 Desktop PC/ Philips 21.5 LED LCD Monitor/ Eaton 5E Tower 650VA UPS	6,099.00	Computer Equipment	9092	NE - Transactions of Behalf of the State
NE-004038	30 IMPRES MOTOROLA CHARGERS(\$140 per charge)	4,200.00	Office Equipment	9092	NE - Transactions of Behalf of the State
NE-004039	BURO DAKOTA	1,100.00	Office Equipment	9092	NE - Transactions of Behalf of the State
NE-004040	3 FILING CABINET XHDW-J02 (\$1,500 per Cabinet)	4,500.00	Office Equipment	9092	NE - Transactions of Behalf of the State
NE-004041	Fellowes Quasar Binding 500	1,099.00	Office Equipment	9092	NE - Transactions of Behalf of the State
NE-004042	D6510 IWB Interactive Whiteboard TV	46,401.35	Office Equipment	2884	Information and Communication Technology
NE-004043	CHAINSAW MS 462-Z 20 50cm 3/8n RSC-STIHL	3,999.00	Plant & Equipment	2840	Land Technical Services
NE-004044	10 FOLDING TABLE 6FT (\$180 per table)	1,800.00	Furniture & Fittings	2810	Policy Advice to the Minister of Environ
NE-004045	30 PLASTIC PIPPEE CHAIR - GREY (\$75 per chair)	2,250.00	Furniture & Fittings	2810	Policy Advice to the Minister of Environ
NE-004046	6 TIERS OPEN SHELF CABINET (\$850 per Cabinet)	5,100.00	Furniture & Fittings	2882	Disaster Management
NE-004047	5 FILING CABINETS 4 DR (\$720 per cabinet)	3,600.00	Furniture & Fittings	9092	NE - Transactions of Behalf of the State
NE-004048	3 METAL CABINET - LOCKABLE 4	2,040.00	Furniture & Fittings	9092	NE - Transactions of Behalf of the State

Asset Number	Asset Description	Current Cost SAT\$	Category Description	Sub Output	Sub Output Description
NE-004049	HAPPY STOOL CHAIR H45CM	760.00	Furniture & Fittings	9092	NE - Transactions of Behalf of the State
NE-004050	8 FLOOR STANDING PARTITION 900x1800 POYCARBONATE (\$1099 per partition)	8,792.00	Office Equipment	2882	Disaster Management
NE-004051	2 BARTECK 50-90 FULL MOTION TV MOUNT (\$450 per tv mount)	900.00	Office Equipment	2870	Meteorological, Hydrological, Geological
NE-004052	2 BRATECK 50-90' FULL MOTION TV MOUNT (\$450 per Tv Mount)	900.00	Office Equipment	2870	Meteorological, Hydrological, Geological
NE-004053	3 Emerge Mobile 3 Drawer (\$550 per drawer)	1,650.00	Furniture & Fittings	9092	NE - Transactions of Behalf of the State
NE-004054	2 Midea 7.0kw24000btu Aurora Inverter R32 Air Con (\$3,899 per air con)	7,798.00	Plant & Equipment	2870	Meteorological, Hydrological, Geological
NE-004055	2 Midea 5.0kw18000btu Aurora R32 Air Con (\$3,299 per air con)	6,598.00	Plant & Equipment	2870	Meteorological, Hydrological, Geological
NE-004056	RICOH MC 250FW PRINTER	2,610.50	Office Equipment	2810	Policy Advice to the Minister of Environ
NE-004057	Hp P27V G4 27 Full HD IPS Monitor	989.00	Computer Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004058	HP Prodesk 400 G6 Desktop PC 17	4,900.00	Computer Equipment	2830	Land Management
NE-004059	HP Prodesk 400 G6 Desktop PC 17	4,900.00	Computer Equipment	2830	Land Management
NE-004060	HP Prodesk 400 G6 Desktop PC 17	4,900.00	Computer Equipment	2830	Land Management
NE-004061	HP Prodesk 400 G6 Desktop PC 17	4,900.00	Computer Equipment	2870	Meteorological, Hydrological, Geological
NE-004062	HP Prodesk 400 G6 Desktop PC 17	4,900.00	Computer Equipment	2870	Meteorological, Hydrological, Geological
NE-004063	HP Prodesk 400 G6 Desktop PC 17	4,900.00	Computer Equipment	2870	Meteorological, Hydrological, Geological
NE-004064	HP Prodesk 400 G6 Desktop PC 17	4,900.00	Computer Equipment	2870	Meteorological, Hydrological, Geological
NE-004065	HP Prodesk 400 G6 Desktop PC 17	4,900.00	Computer Equipment	2870	Meteorological, Hydrological, Geological
NE-004066	HP Prodesk 400 G6 Desktop PC 17	4,900.00	Computer Equipment	2870	Meteorological, Hydrological, Geological
NE-004067	HP Prodesk G6 Desktop PC 17	4,900.00	Computer Equipment	2891	Central Services Unit 1
NE-004068	HP Prodesk G6 Desktop PC 17	4,900.00	Computer Equipment	2891	Central Services Unit 1
NE-004069	HP Prodesk G6 Desktop PC 17	4,900.00	Computer Equipment	2891	Central Services Unit 1
NE-004070	HP Prodesk G6 Desktop PC 17	4,900.00	Computer Equipment	2891	Central Services Unit 1
NE-004071	HP Prodesk G6 Desktop PC 17	4,900.00	Computer Equipment	2891	Central Services Unit 1
NE-004072	KYOCERA HEAVYDUTY COPIER TA-4052ci with 4000sheet Finisher	36,500.00	Office Equipment	9092	NE - Transactions of Behalf of the State
NE-004073	Ph Analogue ph ABT	199.00	Office Equipment	2884	Information and Communication Technology
NE-004074	WatchGuard Firebox T35 1-Year Security	6,499.00	Computer Equipment	2882	Disaster Management
NE-004075	Scanner Vision Office- Server Inc 1 MFP MP4055	29,325.00	Office Equipment	2892	Central Services Unit 2
NE-004076	CHAINSAW MS 382 20" /50cm 36RSC STIHL	1,899.00	Plant & Equipment	9092	NE - Transactions of Behalf of the State
NE-004077	CHAINSAW MS 382 20"/50cm 36RSC STIHL	1,899.00	Plant & Equipment	9092	NE - Transactions of Behalf of the State
NE-004078	CHAINSAW PICO MS 180-Z16"/40cm STIHL	748.00	Plant & Equipment	9092	NE - Transactions of Behalf of the State
NE-004079	Interactive Whiteboard D8600 Screen	44,604.00	Office Equipment	2860	Forestry Mgmt, Planning, Research Servic

Asset Number	Asset Description	Current Cost SAT\$	Category Description	Sub Output	Sub Output Description
NE-004080	Logitech Meetup 4K Conference Camera for Whiteboard	19,604.00	Office Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004081	Electrical height Adjustable Vertical Cart & Stand	22,396.00	Office Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004082	Canon EOS Rebel T7 Digital SLR Camera	3,985.00	Office Equipment	2881	Sustainable Water Resources Mgmt
NE-004083	Dell Inspiron 15 3000 15"6 HD LED-Backlit Screen 10th Gen Inter Core - i5-10	3,399.00	Computer Equipment	2810	Policy Advice to the Minister of Environ
NE-004084	Logitech USB Wireless/Bluetooth Headset whatshot	558.00	Office Equipment	2850	Environment Services
NE-004085	Digital Video Live Streaming, Built-in Dual Microphone USB	365.00	Office Equipment	2850	Environment Services
NE-004086	Midea 5.0kw 18000BTU Aurora INverter R32 Smart Aircondition	3,599.00	Plant & Equipment	2892	Central Services Unit 2
NE-004087	Midea 5.0kw 18000BTU Aurora Inverter R32 Smart Aircondition	3,599.00	Plant & Equipment	2892	Central Services Unit 2
NE-004088	Midea 2.6kw 9000btu Aurora Inverter R32 Smart Aircondition	3,599.00	Plant & Equipment	2892	Central Services Unit 2
NE-004089	MNRE 37 - Toyota Rush 1.5L Petrol 4 Speed at 7 Seater SUV 2WD HIGH-Bronze M.M. Gray	72,000.00	Motor Vehicles	2810	Policy Advice to the Minister of Environ
NE-004090	Midea 2.6kw 9000btu Aurora Inverter R32 Aircondition	2,599.00	Plant & Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004091	DELL 3880 MT CORE i7-10700 2.9GHZ512GB SSD TB HDD COMPUTER SET	4,140.00	Computer Equipment	2850	Environment Services
NE-004092	DELL 3880 MT CORE i7-1070 2.9GHZ512GB SSD COMPUTER SET;;	4,140.00	Computer Equipment	2850	Environment Services
NE-004093	DELL 3880 MT CORE i7-10700 COMPUTER SET	4,140.00	Computer Equipment	2850	Environment Services
NE-004094	DELL 3880 MT CORE i7-10700 COMPUTER SET	4,140.00	Computer Equipment	2850	Environment Services
NE-004095	Midea 7.0kw 24000btu Aurora Inverter R32 Aircondition Unit	3,899.00	Plant & Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004096	2 METAL CABINET- LOCKABLE 4 (\$1200 per cabinet)	2,400.00	Furniture & Fittings	2840	Land Technical Services
NE-004097	FILING CABINETS 4 DR	750.00	Furniture & Fittings	2840	Land Technical Services
NE-004098	2 Emerge L Shape Desk 1500mm X 1500mm (\$899 per desk) A- B	1,798.00	Furniture & Fittings	2892	Central Services Unit 2
NE-004099	2 Emerge Mobile 3 Drawer	1,100.00	Furniture & Fittings	2892	Central Services Unit 2
NE-004100	Drawer - 2 drawers Grey	420.00	Office Equipment	2810	Policy Advice to the Minister of Environ
NE-004101	KW TRIO A3 GUILLOTINE	350.00	Office Equipment	2840	Land Technical Services
NE-004102	KW TRIO A4 PAPER GUILLOTINE	390.00	Office Equipment	2840	Land Technical Services
NE-004103	DELL VOSTRO 15 3000 i7 LAPTOP	4,550.00	Computer Equipment	2870	Meteorological, Hydrological, Geological
NE-004104	CHAINSAW MS382 20"/50cm 36RSC STIHL	1,899.00	Plant & Equipment	9092	NE - Transactions of Behalf of the State
NE-004105	3 Igloo 11863 Industrial Water Cooler 5-G (\$195 per cooler) A-C	585.00	Office Equipment	9092	NE - Transactions of Behalf of the State
NE-004106	4 Mini Prism System with Center Vial 25mm Copper Coated (\$690 per Prism) A - D	2,760.00	Office Equipment	2840	Land Technical Services
NE-004107	2 Topcon Robotic pole Arbon Fiber (\$1,399 Topcon) A - B	2,798.00	Office Equipment	2840	Land Technical Services
NE-004108	4 Bipod thumb Release Economy Red (\$690 per Bipod) A - D	2,760.00	Office Equipment	2840	Land Technical Services
NE-004109	Leica GHT62 Holder	480.00	Office Equipment	2840	Land Technical Services
NE-004110	GNSS Container GVP 642	1,449.00	Office Equipment	2840	Land Technical Services
NE-004111	Canon EOS Rebel T7 Digital STR Camera with Canon EF-S 18-55mm image staabilization 11 lenz, sandisk 32GB SDHC Memory Cards Accessory Bundle	3,985.00	Office Equipment	2884	Information and Communication Technology

Asset Number	Asset Description	Current Cost SAT\$	Category Description	Sub Output	Sub Output Description
NE-004112	4 File Cabinet 3 Drawers - Grey(\$540 per cabinet)	2,160.00	Furniture & Fittings	2860	Forestry Mgmt, Planning, Research Servic
NE-004113	YOSOGO WB ALNMN FRAME 1200*900 WHITEBOARD	350.00	Office Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004114	4 MESH SWIVEL CHAIR (\$550 per chair)	2,200.00	Office Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004115	10 VISITORS CHAIRS METAL (\$235 per chair)	2,350.00	Office Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004116	STRAIGHT LINE DESK	630.00	Office Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004117	POUCH LAMINATING MACHINE A4MQ	280.00	Office Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004118	30 TRAMONTINA CUPEINE WHITE CHAIRS (\$89 per chairs) 1 - 30	2,940.00	Furniture & Fittings	2860	Forestry Mgmt, Planning, Research Servic
NE-004119	5 Fire Extinguisher-Dry Powder (\$350 per items)	1,750.00	Office Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004120	DELL 3880 MT CORE i7-10700 COMPUTER SET	4,140.00	Computer Equipment	2892	Central Services Unit 2
NE-004121	DELL 36880 MT CORE i7-10700 COMPUTER SET	4,140.00	Computer Equipment	2892	Central Services Unit 2
NE-004122	DELL 3880 MT CORE i7-10700 COMPUTER SET	4,140.00	Computer Equipment	2892	Central Services Unit 2
NE-004123	DELL 2880 MT CORE i7-10700 COMPUTER SET ;;	4,140.00	Computer Equipment	2892	Central Services Unit 2
NE-004124	DELL 3880 MT CORE i7-10700 COMPUTER SET	4,140.00	Computer Equipment	2892	Central Services Unit 2
NE-004125	DELL 2880 MT CORE i7-10700 COMPUTER SET	4,140.00	Computer Equipment	2892	Central Services Unit 2
NE-004126	DELL 3880 MT CORE i7-10700 COMPUTER SET	4,140.00	Computer Equipment	2892	Central Services Unit 2
NE-004127	3 Rapid Silver Staple Gun R23 (\$145.50 per Staple)	445.50	Office Equipment	2840	Land Technical Services
NE-004128	Ph Uniden AS7202 desktop	96.00	Office Equipment	2810	Policy Advice to the Minister of Environ
NE-004129	Tsrotek Workstation Repair Tool Kit	450.00	Office Equipment	2884	Information and Communication Technology
NE-004130	Dell Rugged Tough Book c/w Docking Station Laptop	10,960.30	Computer Equipment	2891	Central Services Unit 1
NE-004131	27 FILING CABINETS 4 DRAWERS (\$720 per cabinet) 1 - 27	19,440.00	Office Equipment	2830	Land Management
NE-004132	WHEELBARROW COMPLETE HD BLUEBIRD	160.00	Plant & Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004133	CHAINSAW MS 382 20" STIHL	1,899.00	Plant & Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004134	CHAINSAW MS 382 20" STIHL	1,899.00	Plant & Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004135	CHAINSAW MS 382 20" STIHL	1,899.00	Plant & Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004136	WHEELBARROW COMPLETE HD BLUEBIRD	160.00	Plant & Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004137	13 FAN CEILING 56 (1400mm) HANG SURE (HPM) (\$230 per fan)	2,990.00	Office Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004138	WHEELBARROW COMPLETE HD BLUEBURD	160.00	Plant & Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004139	ASUS ROG M15 15 FHD i7-10750H LAPTOP	8,498.00	Computer Equipment	2884	Information and Communication Technology
NE-004140	CHAINSAW MS 382 20"/50cm 36RSC STIHL	1,899.00	Plant & Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004141	CAHNSAW MS 382 20"/50cm 36RSC STIHL	1,899.00	Plant & Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004142	HP LASERJET PRO M479DW MFC_FAX PRINTER	6,600.00	Office Equipment	2870	Meteorological, Hydrological, Geological
NE-004143	ECHO TRIMMER	2,873.91	Plant & Equipment	2870	Meteorological, Hydrological, Geological
NE-004144	Honda Lawnmower	3,758.91	Plant & Equipment	2870	Meteorological, Hydrological, Geological
NE-004145	BURO IMAGE NO ARMS	450.00	Furniture & Fittings	2860	Forestry Mgmt, Planning, Research Servic
NE-004146	GVT210D OFFICE TABLE	980.00	Furniture & Fittings	2860	Forestry Mgmt, Planning, Research Servic

Asset Number	Asset Description	Current Cost SAT\$	Category Description	Sub Output	Sub Output Description
NE-004147	3 FAN CEILING 56" (1400mm)HANG SURE(HPM) (\$230 per fan)	690.00	Furniture & Fittings	2860	Forestry Mgmt, Planning, Research Servic
NE-004148	Dell OptiPlex 3070 i7-10700 Computer Set	3,477.39	Computer Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004149	Dell OptiPlex 3070 i7-10700 Computer Set	3,477.39	Computer Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004150	Dell OptiPlex 3070 i7-10700 Computer Set	3,477.39	Computer Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004151	Dell OptiPlex 3070 i7-10700 Computer Set	3,477.39	Computer Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004152	Dell OptiPlex 3070 i7-10700 Computer Set	3,477.39	Computer Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004153	Dell OptiPlex 3070 i7-10700 Computer Set	3,477.39	Computer Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004154	Dell OptiPlex 3070 i7-10700 Computer Set	3,477.39	Computer Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004155	Dell OptiPlex 3070 i7-10700 Computer Set	3,477.39	Computer Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004156	Dell OptiPlex 3070 i7-10700 Computer Set with the UPS (\$278.26)	3,477.39	Computer Equipment	2860	Forestry Mgmt, Planning, Research Servic
NE-004157	Dell OptiPlex 3070 i7-10700 Computer Set with the UPS (\$278.26)	3,477.39	Computer Equipment	2860	Forestry Mgmt, Planning, Research Servic

