



ANNUAL REPORT 2022-2023

MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT

“Working with you for a sustainable and resilient Samoa”



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.

02nd February 2024

Hon. Speaker of the House
Legislative Assembly
APIA

Afioga e,

MNRE Annual Report 2022/ 2023

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, 2023.

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

May the Assembly be enlightened.

With respect,

Hon. Toeolesulusulu Cedric Posē Salesa Schuster
MINISTER

ABBREVIATIONS AND ACRONYMS

ADRA	Adventist Disaster Relief Agency
AFOLU	Agriculture, Forest and Other Land Uses
AUA	Apia Urban Area
BSTSCC	Biogas System Technology Solutions Climate Change
CDC	Cabinet Development Committee
CDCRM	Community Disaster and Climate Resilience Risks Management
CEO	Chief Executive Officer
CFAN	Climate Finance Advisory Network
CIM Plan	Community Integrated Management Plans
CLAC	Customary Land Advisory Commission
DMO	Disaster Management Office
DRM	Disaster Risk Management
ERN	Emergency Radio Network
ESN	Emergency Siren Network
ESPO	End of Sector Plan Outcome
EWACC	Economy Wide Adaptation to Climate Change Faataua le Ola
FY	Financial Year
GCF	Green Climate Fund
GEF	Global Environment Facility
GGGI	Global Green Growth Institute
GHG	Green House Gas
HF	High Frequency
IA	Implementing Agency
IRENA	International Renewable Energy Agency
ISGP	Institute on Science for Global Policy
IWS	Independent Water Scheme
JICA	Japan International Cooperation Agency
JWSSC	Joint Water and Sanitation Sector Steering Committee
LDS	Land Development Section
LLEE	Live and Learn Environmental Education
LMD	Land Management Division
MEA	Multilateral environment Agreement
MOA	Memorandum of Agreement
MOH	Ministry of Health
MOU	Memorandum of Understanding
MPCC	Ministry of Police, Prison and Corrections Services
MTEF	Medium Term Expenditure Framework
MWCSD	Ministry of Women, Community and Social Development
NDC	Nationally Determined Contribution
NEOC	National emergency Operation Center
NESSC	National Environment Sector Steering Committee
NGO	Non-Governmental Organization
NPI	Non-Pharmaceutical Interventions

PACRES	Pacific Adaptation to Climate Change Resilience Building
PIN	Project Idea Note
PPE	Personal Protective Equipment
PRP	Pacific Resilience Program
PUMA	Planning & Urban Management Agency
PWWA	Pacific Water and Wastewater Association
RE	Renewable Energy
RED	Renewable Energy Division

Division Objectives

The following objectives reflect the specific functions and responsibilities of each of the divisions aligned with budget outputs. The achievements of these objectives are dependent on the financial provisions in the annual budget.

Land Management	Water Resources Services	Forest Services
To facilitate and implement sustainable land management practices and administration of land and land-based resources.	To integrate and implement sustainable water resource management across all relevant sectors.	To ensure sustainable development and management of forest resources across related sectors.
Water and Sanitation Sector Coordination	Renewable Energy Division	Environment Coordinating Unit
To strengthen water sector governance and orientation.	To promote climate change mitigation through energy efficiency and renewable energy.	Ensure coordinated efforts amongst all stakeholders for optimum results.
Environment & Conservation	Technical Services	Legal Services
To implement sustainable development and management of biological resources and the environment including waste management.	To provide quality assurance, survey and spatial information services to support the sustainable development and management of natural resources and the environment.	To provide sound and timely legal services for the Ministry to support the sustainable development of natural resources and the environment.
Information and Communication Technology	Disaster Management Office	Global Environment Facility Services
To provide effective and efficient information, communications, and technology to support the sustainable development and management of the country's natural resources and environment.	Mainstreaming the disaster risk management framework in all sectors to ensure sustainable risk reduction and preparedness, effective response and durable recovery from any disaster.	Donor Support Assist with finalizing Samoa's priorities for environmental protection and restoration through the GEF-Pacific Alliance of Sustainability Framework and other funding sources.
Meteorological Services	Corporate Services	
To provide meteorological, geo-science, climate change and disaster risk management services in support of sustainable development of natural resources.	To provide efficient Human Resource Management, Financial services, effective capacity building and public awareness to support sustainable development of natural resources and environment	

Purpose and Vision

Purpose

To improve our environment and do more for the people and wildlife with the resources we have, while supporting the Government's drive for economic and sustainable green growth. We have a responsibility to make sure that the benefits of sustainably managing natural resources and the environment now and for future generations are understood and shared effectively.

Who we are?

MNRE 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 16 Divisions. We work hand in hand with a number of resource management Boards such as Environment, Land, Forestry, Water Resource, Geographic Names Board and Minister's Advisory Committees to advise, inform and support community and

Government decision making and deliver better services to the people of Samoa. We also work in partnership with Government ministries, CSO/NGOs, the private sector, more closely with our key partners and communities and deliver our own work more efficiently.

Our work is guided by the Government priorities under the Pathway for the Development of Samoa (PDS) community values, aspirations, the state and condition of natural resources, even our legislative and policy mandates. Significant work has been achieved under previous plans and much focus will be placed on evaluating the beneficial impacts from these efforts including the development of a strong Monitoring & Evaluation framework to track any changes in the status of the environment. As the Ministry commences delivery of this Plan, the main challenge and commitment to be progressed include the effective implementation of the NESP. This puts in place a framework to allow MNRE to work with all line Ministries, Sectors, and stakeholders to work towards achieving a healthy, safe, productive and diverse environment for Samoa.

Vision

To be a highly effective organization that is valued by our people and partners for our pivotal role in enabling a safe, prosperous, secure, healthy and beautiful Samoa.

Mission

To protect and safeguard people and environment through the provision of trusted reliable and responsive services to the public and our partners.

Mandatory Roles

An Environmental Regulator

We are an environmental regulator – we target our efforts to maintain and improve environmental standards and to minimize unnecessary burdens on the environment.

An Environmental Administrator

We are an environmental administrator – we are a national ministry. We work with people and communities to protect and improve the environment in an integrated way.

An Environmental Advisor

We are an environmental advisor – we compile and assess the best available evidence and use these to report on the state of the environment. We provide technical information and policy advice to the government to support their roles in decision making.

An Environmental Advocate

We are environmental stewards advocating for better environmental outcomes.

Development of a communication strategy is to strengthen communication and knowledge management, and to ensure a cohesive and coordinated communication approach to achieve environmental sustainability and climate and disaster resilience in Samoa.

1. POLICY ADVICE TO MINISTER

CLIMATE CHANGE & GLOBAL ENVIRONMENT FACILITY (SUB OUTPUT 1)

The division of Climate Change and Global Environment Facility (GEF) coordinates and facilitates Climate Change integration and actions. In addition, it coordinates on behalf of the Operational Focal point the work of the GEF as well as manage the development of GEF project proposals across GEF focal areas, related to climate change, biodiversity, international waters, land degradations, the ozone layer and persistent organic pollution. The Division also manages the policy development, coordination of various programs and reporting on climate change action, implementation and promoting of adaptation and mitigation measures including coordination of the Technical Negotiations of Climate Change issues under the UNFCCC (United Nations Framework Convention on Climate Change) and the Paris Agreement.

National Operational Focal Point for GEF

The continuous advisory, reporting and implementation support role on behalf of the OFP – CEO MNRE (Ministry of Natural Resources and Environment), in facilitating and coordinating the channeling of GEF assistance for project development and implementation and coordination of GEF programs.

Supporting role as OFP to Community Micro Environmental Projects: Small Grants Programme (SGP) UNDP Samoa as a member of the Steering committee.

In this FY 2022/2023 CCGEF has established 3 sections with 3 permanent Staff to support the existing ACEO. These sections include.

- Climate Change Section
- Climate Resilience Section
- Climate Research and Science Section

Project Management & Proposals

- Submission of Project proposal for Loss and Damage IKI Funding
- Successful approval of project proposal for SPC PACRES

Capacity-Building Initiative for Transparency – Global Support Programme (CBIT-GSP)

- Ongoing CBIT Seminars and training support
- Submission of formal request for Support Proposal to CBIT for GHG Waste Sector Training May 2023
- Successful approval of formal request for Support Proposal to CBIT for GHG Waste Sector Training June 2023
- Prepared and submit proposal for the IKI Funding support through SPREP for “Loss and Damage”
- Loss and Damage Proposal through UNEP
- Prepare and submit proposal for the IKI Finding Support through UNEP.
- NZ Climate Finance Support
- Prepare submission for “*Aotearoa New Zealand Partnership Programme*”

Seawall Taskforce

- The Seawall Taskforce was set up by the MNRE, to coordinate application for seawalls from each Ministries to avoid duplication. One of the main tasks of the Committee is to prepare assessments and provide recommendations on which structure will be utilized for each area based on the availability of funding.
- Site Visit for Upolu was carried out to collect data and information on the status of current area indicated in the applications submitted to the Ministry.
- Capacity Building
- China-Pacific Island Countries Advanced Seminar on Addressing Climate Change Nov 2022
- NZ Agriculture Greenhouse Gas Capacity Workshop, New Zealand, February 2023.
- 15 CBIT Workshops Seminars and Training Completed
- Local2023 Training on “Data for Climate Resilience”, Honolulu Hawaii, April 2023

Key Performance Indicators and Results extracted from Budget FY22/23

Performance Measure/Indicator	Budget Standard	Traffic Light	Comments
GEF 7 project document for implementation finalized	100% completed	Achieved	<ul style="list-style-type: none"> • Enhancing Integrated Sustainable Management to Safeguard Samoa’s Project finalized and signed for implementation (GEF7) • National Inception Workshop for GEF 7 Project Completed December 2022 • Project Document Signed February 2023
Number of Climate Change/GEF Small Grants Community Projects Awarded and Implemented	Minimum of 20 SGP projects approved	Achieved	<ul style="list-style-type: none"> • 21 projects were approved in the FY22/23 and most of these projects are community-based projects through the SGP.
Implementation status (%) of the Climate Change Policy	50% implemented	Achieved	<ul style="list-style-type: none"> • 30% of the activities in the Climate Change Policy has been implemented.

National Adaptation Plan developed	100% completed	Not Achieved	<ul style="list-style-type: none"> This activity was not achieved due to funding constraints. Now prioritize for FY23/24 through funding from the TNC Project
Number of climate change coordination committee meetings	2 meetings held	Not Achieved	<ul style="list-style-type: none"> The Climate Change Committee is now on hold until the Climate Change Bill has been approved.
Climate Change Bill approved	100% completed	Achieved	<ul style="list-style-type: none"> The Climate Change Bill has been completed by the Consultant and the Ministry is now preparing the referral to the AG Office.
Implementation status (%) of preparations for GEF 8 Project cycle	20% implemented	Achieved	<ul style="list-style-type: none"> IP Concept approved by the Ministry and UNDP will prepare the procurement of TA's to develop the full Project Document.
Number of Annual meetings attended for UNFCCC, COP Bureau Meetings, and GEF Constituency negotiations	2 meetings attended	Achieved	<p>International Meetings</p> <ul style="list-style-type: none"> COP 27, November 2022 – Sharm El Sheikh GEF Meeting, Bali Ministerial Meeting for Climate Change, Copenhagen Canada March 2023 SBSTA 28, Bonn June 2023 Inaugural Regional Meeting on Climate Change in the Context of Tuna Fisheries, Honiara Solomon Islands April 2023. Blue Pacific Coastal NbS Workshop, Suva Fiji, July 2023.
Number of Coordination meetings of Alliance of Small States (AOSIS) and PSIDS technical negotiations	1 meeting attended	Achieved	<ul style="list-style-type: none"> PSIDS Coordination Meeting for COP27 AOSIS Coordination Meeting for COP27 G77 Coordination Meeting for COP27
Quarterly update of the National climate change report card and date by which this is issued	4 Editions issued	Not Achieved	<ul style="list-style-type: none"> Report cards have been recommended to be put on hold and transition to bulletin format every 6 months for the next financial year.
Number of CIM Plans intervention	15 interventions implemented	Achieved	<p>CIM PLANS</p> <ul style="list-style-type: none"> Ongoing monitoring of CIMPlans and cross referencing with activities proposed by Districts through the 1 million Initiative by Government for Districts Development Plans Some of the interventions implemented includes Tree Planting, construction of access roads for some of the districts. Ongoing discussions on financing opportunities to implement CIMPlans
Regularity of monitoring and evaluation of all project under Division; EWACC, PACRES, TNC/BUR, GEF 7	Project reports prepared and endorsed	Achieved	<p>GEF 7 - Enhancing Integrated Sustainable Management to Safeguard Samoa's Natural Resources Project</p> <ul style="list-style-type: none"> National Inception Workshop for GEF 7 Project Completed December 2022 Project Document Signed February 2023 <p>SPREP PACRES</p> <ul style="list-style-type: none"> The following activities were completed. <ol style="list-style-type: none"> EbA options assessment for Saleaula and implementation of agreed EbA options Enhancing the resilience and adaptive capacity of Samoa's coastal communities to climate change through marine based EbA pilot solutions including implementation of agreed options from Saleaula. <p>Third National Communications Project</p> <ul style="list-style-type: none"> Biennial Update Report Completed National Circumstances Chapter of BUR completed Greenhouse Gas Inventory Chapter of BUR Completed Monitoring Reporting and Verification Chapter of BUR Completed Finance, Technology and Capacity Building Needs and Support Received Chapter of BUR Completed. Project Gender Strategy Report Completed 1 Project Board Meeting Completed

Number of stakeholder consultations, technical trainings for climate change conducted	5 technical trainings conducted	Achieved	<p>National Conference of the Parties (COP) Workshops</p> <ul style="list-style-type: none"> • First ever, National Dialogue for Pre- COP preparations Workshop October 2022 • First ever, National Dialogue for Post - COP Outcomes Workshop January 2022 <p>Draft Climate Change Response Bill</p> <ul style="list-style-type: none"> • National Stakeholder Consultations for Draft Climate Change Bill, April 2023 • 1 on 1 stakeholder consultations Draft Climate Change Bill, April/May 2023 <p>Third National Communications Project</p> <ul style="list-style-type: none"> • Biennial Update Report Validation Workshop Completed • Project Gender Strategy Validation Workshop Completed • Monitoring Evaluation and Verification (MRV) Report Validation Workshop Completed
Third GHG Inventory updated	100% completed	Achieved	<p>National GHG Inventory (NGHGI) Report</p> <ul style="list-style-type: none"> • Third NGHGI report finalized and validated in 2022. • Database for archiving collected data established. Completed in 2022. • Collection of data from the key category sectors for the Fourth NGHGI report. Dispersed out in July 2023.
Number of assessments and research conducted under key areas for climate change	2 research papers developed	Achieved	<p>Climate Technology Center and Network - Technical Assistance for Developing a framework and method to carbon sinks from the forestry sector using Earth observation in Samoa</p> <ul style="list-style-type: none"> • Inception workshop of project completed in 2022. • Verification of draft method developed by Korean counterparts. Completed 2023. • Coordination and Preparation for the Korean Team's site visit in country and data collection schedule in August 2023. <p>SPC PACRES (Funding Agreement Pending Approval) –</p> <ul style="list-style-type: none"> • “Studies on Carbon Market potential and initiatives for Samoa”

ENVIRONMENT SECTOR COORDINATION DIVISION (SUB-OUTPUT 1)

The main highlights for this year include the near completion of the Fourth SOE Report which will be launched early in the new FY. The development National Environment Sector Plan has also been initiated and scheduled to be launched together with the SOE Report as a Response Framework for the national document.

Other achievements included the completion of the Cash for Work and Ecosystem based Adaptation Enterprise Development components under the Green Climate Fund Vaisigano Catchment Project. Progress was also noted in the Payment for Ecosystem Service pilot project with the secured collaboration between the government and private landowners including the Catholic Church and Ah Liki family to utilize their lands for the PES pilot project. The project will be extended until January 2025, with all activities to be completed by November 2024.

The UN Joint SDG Fund Project has neared completion (December 2023). The project included the Oceans Account

pilot at Vaiusu Bay which was funded with support from ESCAP that enabled the procurement of much needed equipment for the Division of Environment and Conservation Marine Section, including a drone, marine testing kits, survey equipment as well capacity building training sessions for all key stakeholders. Through the support of UNEP, the project funded the development of the SOE 2023 and the NESP 2022/23-2027/28. The project also provided support through funding and technical assistance, which enabled the successful completion of key Terrestrial and Marine biodiversity surveys nationwide. The terrestrial survey focused on comprehensive data collection efforts on flying foxes, birds, butterflies and reptiles. The marine surveys gathered data on cetaceans. The data that was generated contributed towards a holistic understanding of biodiversity, and augmented valuable insights for informed conservation strategies and effective management measures of terrestrial and marine ecosystems. The data will also contribute towards the Environment Data Portal (DKIF) that was developed under the UNEP-GEF funded INFORM project.

Key Performance Indicators and Results extracted from Budget FY22/23

Performance Measure/Indicator	Budget Standard	Traffic Light	Comments
Environment Sector Annual Review conducted by end of November 2022	9 th Annual Review	Partially Achieved	Main Review not done as development of new NESP is in progress. However internal mid-year review for ministry activities and projects took place contributing to the main Sector review
NESSC Quarterly Meetings	3 meetings	Not Achieved	Contingent on new NESP therefore no meetings held
Sector Quarterly Reports endorsed by NESSC	3 quarterly reports	Not Achieved	There were no NESSC meetings held and the reports are also contingent on completion of new NESP. Hence this activity could not be completed
NESSC 6-monthly Site visits conducted	2 visits	Not Achieved	No visits conducted
Number of sector coordination meetings attended / facilitated	30 meetings	Achieved	At least 30 meetings attended by division staff, representing the sector contribution.
Fourth Edition of the SOE Report approved and launched	100%	Partially Achieved	Final Draft of SOE in place to be approved and launched in new FY. Delay due to factors beyond control.
NESP 2022 – 2026 reviewed and updated	100%	Partially Achieved	Final Draft of NESP in place. Delayed progress as this work is contingent on development of SOE to ensure alignment.
Environment Sector Capacity Building Plan developed	100%	Partially Achieved	Procurement process initiated but delayed due to relevant local TA availability. To be completed in new FY
Environment Sector Disaster Risk Management Plan (mainstream)	100%	Not Achieved	Subject to availability and schedule of DMO. To be completed in new FY
National Sector Communication Strategy (%) implementation	50%	Achieved	Ongoing activities
Cash for Work programme implementation and operational as per GCF VCP Activity 2.2 Operational Manual by 2024	100%	Achieved	5-year phase of project completed. Project extended to 2025 hence arrangements in place to continue program.
Payment for Ecosystem Service Program implemented and completed by 2024	100%	Partially Achieved	Some progress made but delayed due to delayed response from relevant stakeholders and landowners to enable project team to implement project. Continuing until end of project extension in November 2024
Ecosystem based Adaptation Enterprises Development Program implementation completed by 2024	100%	Achieved	>80% of projects completed as some have been terminated/cancelled due to various issues. Extended until project end stage in November 2024.

RENEWABLE ENERGY DIVISION (SUB-OUTPUT 1)

- The Division is currently headed by ACEO Ms. Vainalepa Toiata Apelu Uili and its structure includes two (2) Sections:
 - A) **Renewable Energy Section**
 - 1) Principal Renewable Energy Officer – Ms. Fefiloi Kerstin
 - 2) Senior Renewable Energy Officer – Mr. Ueligitone Enosa
 - 3) Renewable Energy Officer – Ms Cyprian Fruean
 - B) **IMPRESS Project**
 - 1) Project Coordinator – Mr. Roland Setu
 - 2) Principal Procurement and Administration Project Officer – Chris Tiuga
- ACEO Renewable Energy Division represent the Ministry to the Regional Pacific Nationally Determined Contribution (NDC) Focal Point Meeting, held in Suva, Fiji from 1st - 2nd July 2022 to discuss the progress of NDC implementation for Samoa. Furthermore, there were opportunities to discuss the direction of Phase 3 based on countries submissions and request to the NDC Hub.

- Ms Charlotte Sheppard and Mr Walter Malau, are Investment Officer's under the Climate Finance Access Network (CFAN) visit Samoa from 8th – 22nd August and 10th – 14th October 2022 to develop concept notes to guide Samoa's access to potential funding opportunities with development partners and donors.
- Hon Minister Toeolesulusulu Pose Cedric Shuster signed the Grant Agreement for Samoa's Demonstration Solar Project under ISA's Grant on the 18th August 2022.
- The SPC Mission Advisory for the PAWES project visit Samoa on the 18th -24th September
- to collect data on Solid Waste Management and Renewable Energy Technology. A stakeholder's consultation was carried out to establish communication line for activity collaborations and discuss components to consolidate project work plan.
- ACEO Renewable Energy Division attended the Conference of Party 27 (COP27) in Sharm el-Sheikh, Egypt on the 6th – 20th November to established the loss and damage fund and also part of the PSIDS representatives to share the experience on climate change mitigation action.
- A Biogas Compressor Information Sharing Workshop was conducted to introduce the way forward for Biogas in Samoa – 28th March
- The IMPRESS Project through the Renewable Energy Division hosted a Power Purchase Agreement workshop on the 10th May 2023.
- Renewable Energy Division procure three Home Biogas System funded under the WSCU as part of the community activities for Q3 of FY23/FY24 for 3 selected swine herder farmers in Upolu as part of the small-scale biogas pilot program in Samoa.

Key Performance Indicators and Results extracted from Budget FY22/23

Performance Measure / Indicator	Budget Standard Or Target	Traffic Light	Comments
Number of Renewable Energy and Energy Efficiency Workshops and Meetings (including virtual)	10	Achieved	<p>We carried out more than 10 workshops and meetings including NDC Partnership Workshop and Energy Audits study and RE Subsector meeting.</p> <p>Included are the 'improving the Performance and Reliability of Renewable Energy power systems in Samoa' (IMPRESS) Project.</p> <ul style="list-style-type: none"> • Quarterly technical working group (TWG) meetings for each of the 5 project components; • Quarterly Technical Advisory Group (TAG) meeting at the end of every quarter • Workshops to Improve capacity of Energy Stakeholders and others on Energy frameworks, operations, financing and awareness. i.e Renewable Energy and Energy Efficiency developments.
Number of Community Renewable Energy (RE) and Energy Efficiency (EE) projects implemented	<ul style="list-style-type: none"> i) installation of 15 solar lights in Garden Toilets. 5 Biogas Sites, 10 Kiosk IWSA ii) installation of 2 Biogas Compressors for selected sites (1 in Upolu and 1 in Savaii) iii) Installation of a Biogas System 	Achieved	<ul style="list-style-type: none"> • Awaiting the arrival of solar lights – ETA end of August • Installation of Solar Lights for (15 Garden Toilets, 5 Biogas Sites, 10 Kiosk IWSA) • Installation of Biogas Compressors for selected biogas sites. • Three Home Biogas System-3 Home Biogas System procure to be installed at the local businesses operators' compound.
Number of National Sustainable Energy Policies developed and approved	2	Not Achieved	<ul style="list-style-type: none"> • Final Draft in place - to be launched in Nov 2023
Development for LEDs Low Emission established and approved	100 % completed	Achieved	<ul style="list-style-type: none"> • the Low Emissions Development Strategy 2022 – 2032 (LEDS) and NDC Implementation Plan Officially launched on the 12th October, 2022

Number of research concept notes and feasibility studies for renewable energy resources i.e. 1 -Waste to Energy (WtE) research and 1 - Building Energy Efficiency Program	2	Not Achieved	<ul style="list-style-type: none"> Awaiting Final Work plan under the PAWES Project - in collaboration with DEC and MoF
RE and EE/DSM projects financial scheme developed and implemented	100% Completed	Not Achieved	<ul style="list-style-type: none"> Awaiting Approval of Project Extension. Roll out planned in Q4/22
Number of programs promoted for wider awareness and education on EE and RE	5	Achieved	<ul style="list-style-type: none"> School Awareness (6 - 9 schools per quarter) and Community Awareness Programs per quarter Online Awareness Program for students is still in progress Awareness materials giveaways to strengthen public and community awareness. Refresher Training for Biogas Operators was developed to improve capacity of all operators of Project Biogas Sites – from the 6th – 10th February SPREP hosted a 2 day of Kobo Toolbox Training held on 6th – 7th February 2023, coordinated with the IMPRESS Project. The RED and IMPRESS Project hosted a Q1 School Awareness campaign for Secondary Schools in Samoa to visit various renewable energy projects on the 9th – 10th for Upolu The IMPRESS Project under the Renewable Energy Division funded a study tour for selected Project Stakeholders to learn on Renewable Energy and Energy Efficiency Investments in Fiji from the 11th – 18th December 2022.
Commemoration of the Renewable Energy Day	100%	Achieved	<ul style="list-style-type: none"> The commemoration of the National Renewable Energy Day on the 2nd Dec, through a paddling tournament. This was celebrated in line with the Energy Week celebration from the 28th November - 2nd December 2022.

2: MINISTERIAL SUPPORT

Key Performance Indicators and Results extracted from Budget FY22/23

Performance Measure / Indicator	Budget Standard Or Target	Traffic Light Progress Indicator	Comments
Number of High Level Meetings attended by the Minister / (Associate Minister)	20	Achieved	
Number of MNRE Boards Meetings facilitated (Forestry, Land Board, Water Board, Geographic Name Board)	24	Achieved	<ul style="list-style-type: none"> • 7 Land Board Meeting • 6 Forestry Board • 6 Water Board • 4 Geographical Names Board
Ministerial Advisory Committee meetings (Upolu and Savaii)	20	Achieved	<ul style="list-style-type: none"> • 20 meetings and 1 site visit for Savaii Committee,



- Hon Minister Toeolesulusulu Pose Cedric Shuster signed the Grant Agreement for Samoa's Demonstration Solar Project under ISA's Grant on the 18th August 2022.
- Hon. Toeolesulusulu Cedric Pose Salesa Schuster – Minister - Ministry of Natural Resources and Environment delivered the Key Note Address for the National Lands and Survey Day 2022/2023



3: LAND MANAGEMENT DIVISION

- The Land Management Division (LMD) includes seven (7) sections:
 - Government Land Administration Section,
 - Customary Land Lease,
 - Land Development Section,
 - Land Registry Section,
 - Land Valuation Section,
 - Land Commission and
 - Customary Land Advisory Commission.

Of these seven (7) different sections, the Divisional portfolio also includes additional obligations, such as the Land Board and the Land Commission.

The LMD is also the Division that has the greatest number of laws it administers/implements within the Ministry, totalling ten (10) pieces of legislation and in addition to that, the Constitution (in reference to Article 102). This highlights the extensiveness of the LMD portfolio, and as such, also highlights the extensiveness of the Division's statutory functions.

1. GOVERNMENT LAND LEASE SECTION

Number of Land Board Meetings conducted;

The Land Board managed to carry out seven (7) Board Meetings for this Financial Year. The Land Board afforded to conduct more meetings compare to the previous Financial Year 2021-2022 which were only three (3) Land Boards. The Land Board is entitled to have monthly meeting to discuss and approve all matters which relates to government lands;

Table 1: Land Board Meetings

Number of Meeting Carried Out	Number of Application Approved	Number of Land Taking	Number of Application Deferred
7	50	1	7

Land Leases collected

The collection for FY2022/2023 was increased by 7% with the amount of \$393,590.66 compare to the revenue of FY 2021-2022. The Land Board also approved to remove the deduction of 50% for all hotels and other business lease charges within the last two Financial Years, as the government assistance, with the impacts of the pandemic, and also contributes to increase the financial recovery.

The amount of \$425.00 included fees for Lease statements, consent Letters for Government Land Lease and tenders' copies for Cemetery Mowing Constructions.

Table 2: Revenue from government land leases

SUMMARY	TOTAL	
	2021-2022	2022-2023
Aleisa	\$ 134,877.84	\$141,390.80
Tanumalala	\$ 21,523	\$49,216.40
Miscellaneous	\$ 860,665	\$1,103,754.00
Reclamation	\$ 9,569	\$120,470.00
Nuu	\$ 2,165	\$2,610.00
Toomatagi	\$ 350	-
Afiamalu	\$ 5,705	\$11,142.30
Tiavi	\$ 5,243	\$2390.00
Laloanea	\$ 19,650	\$14,100.00
Motootua	-	-
Apia Park	\$ 3,700	\$10,870.00
Paper Work	\$ 1,830	\$2500.00
Other (copy/Lease statement)	-	\$425
TOTAL	\$ 1,065,277.84	\$1,458,868.50

Burial Plots

Revenue collected from Government Burial Plots increased by 22.5% with the amount of \$41,850.00 compare to the FY 2021/2022 from \$39,600.00. Most of the income generated from the burial plots are from individuals who paid for reserve plots to be utilized in the future.

The two main areas which received highest income are Vailele and Tafaigata as they have several plots available for purchase. Whereas Magiagi cemetery collected the least revenue as they have limited plots existed.

Table 3. Revenue Collected from Burial plots

LOCATION	REVENUE	
	2021-2022	2022-2023
Tafaigata	\$ 27,300	\$ 18,000.00
Vailele	\$ 11,400	\$ 22,500.00
Magiagi	\$ 900	\$ 1,350.00
Tufuiopa	-	-
TOTAL	\$ 39,600.00	\$ 41,850.00

Total Revenue Collected

Table 4: Total Revenue from the Government Land Section

SUMMARY	2021-2022	2022-2023
Burial Plots	\$39,600	\$41,850.00
Lease Payments	\$ 1,065,277.84	\$1,458,868.50
TOTAL	\$ 1,104,877.84	\$1,500,718.50

Land Inspection to leased lands at Vaiaata, Savaii

Consultation with the Lessees and Site inspection at Vaiaata. The Land Management Division staff spent one week in Savaii, to carry out consultation, and followed by the site inspection to all government leased lands at Vaiaata, to reconfirm people from nearest villages who currently utilized the said lands without leases. Land Lease used for Cattle Farming at Vaiaata Savaii. A budget of \$300,000 was set aside for construction of access roads to government lands currently leased to the public within the FY2022/2023. The tenders for construction of Afiamalu road has been done, and the evaluation committee already decided a company for the road construction.

The Tenders Board Committee's decision was to defer their decision, and advised the Ministry to contact the EPC and SWA to assist with the cost of water as well as electric power supply to the leased lands, where the proposed road is constructed to the government subdivisions. The EPC and SWA were already aware of the Ministry's request, and follow-ups of this matter as advised by the Tenders Board.

3.1.5.2: Land Taking Projects

During the last FY2022/2023, the Government Land Section with the assistance of the Land Valuation, Land Registration staff and the Assistant Chief Executive Officer, worked together to carry out the whole process of Land Taking, for all lands have been taken by the Government for public purposes.

Land for various purposes proposed by Government Corporations & Ministries, such as LTA, EPC, MWTI, MOF etc. These include;

1. Land Taking for Rehabilitation of Cross Island Road Phase 2– Implementing Agency: LTA & MWTI
2. Land Taken for River Walls at Lelata, Maluafou, Magiagi and Faatoia through Vaisigano

CUSTOMAY LAND LEASE SECTION

Table 5: Revenue from the 5% Commission in Leasing Customary Land and other services for period 2022–2023 compared to 2021–2022.

Total Revenue from 5% commission (\$)			
Month	FY21/22	Month	FY22/23
July 21	\$19,788.03	July 22	\$16,285.38
Aug 21	\$3,491.14	Aug 22	\$18,526.67
Sept 21	\$4,718.77	Sept 22	\$9,557.77
Oct 21	\$5,847.68	Oct 22	\$5,949.39
Nov 21	\$2,145.83	Nov 22	\$7,368.26
Dec 21	\$3,445.76	Dec 22	\$2,232.02
Jan 22	\$2,550.25	Jan 23	\$6,292.46
Feb 22	\$3,848.11	Feb 23	\$8,932.30
March 22	\$1,973.50	March 23	\$6,003.81
April 22	\$2,820.34	April 23	\$6,132.91
May 22	\$3,441.02	May 23	\$8,705.36
June 22	\$2,255.98	June 23	\$1723.55
TOTAL	\$56,326.41	TOTAL	\$97,709.88

There is an increase noticed for this financial year. Reason being, new leases have completed going through the process and therefore claim lease benefits.

Table 6: New Customary Land Leases Financial Year 2022–2023

LESSEE	VILLAGES	TALLY
Digicel	Maagiagi	1
LDS	Sili, Savaii	1
	Maagiagi	1
	Lefagaoalii, Savaii	2
	Papaseea	1
	Faleasiu	1
	Nofoalii	1
SWA	Saleaumua	1
SISDAC	Saoluafata	1
Samoa Independence Seventh Day God of Love	Faleasiu	1
Splendid Ltd.	Fasitoo-tai	1
MET	Saaga Siumu	1
TOTAL FY 2021 - 2022:		11
TOTAL FY 2022 - 2023:		13

There is an increase in number of new leases for this financial year, compared to last year as shown in the table above. Reason being, new leases went thoroughly through the process and finalized.

Also, this reflects the response from the Communities to the Ministry's continuity awareness programmes on television, talk back on radio and consultations out in communities, with the Customary Land Advisory Commission, to promote the economic use of our customary lands by leasing and licensing.

The awareness programs throughout Samoa gives the communities the well understanding, of Leasing and Licensing of our unused customary lands, but the whole ideas are to promote the livelihood of our own people, compare to those who have freehold lands.

The extension of another three (3) years to the Customary Land Advisory Commission (CLAC), is the great opportunity for the Customary Land Lease section to work closely with the CLAC in order to negotiate leases and licenses using the new amendment of the Leasing and Licensing of Customary Land Act 1965, as well as the new regulations for mortgages of leases,

Land Policy & Development Section

The Land Development Section (LDS) initially, was created in 2001 with a core function and central focus solely on policy formulation and development of all land policies related to the administration and full development of lands and land

aggregate resources in Samoa. In this respect, all land policies were developed towards achieving the key objective of the Division at the time which for this section, its original policy development goal and purpose was as a policy advisor to the Chief Executive Officer through the Assistant Chief Executive Officer-Land Management, via its policy development role, on the sustainable use and management of government and customary lands. That is, newly developed and reviewed land policies had since been aligned well and applied, as form of best practices, to sustainably manage the land tenure and all land developments on public land using regulatory tools such as on a short-term temporary basis, the permit and licensing systems whilst long-term duration, through the leasing mechanism.

The LDS evolved and in less than two years since its creation, the section function grew and expanded to the actual administration side with a more active regulatory role by way of monitoring and implementing some or all of the policies it was responsible for its existence, through the permit and licensing tools. The section is also the national coordinating unit for implementing the United Nations Convention to Combat Desertification (UNCCD) at all levels; national, regional and international.

The reporting aspect on progress and status of implementation of the policy function and UNCCD implementation, have not been part of annual reporting for the last five to 10 years as focus has shifted from policy to implementation of these newly revised as well as new land policies. It involves the administration of receiving and processing of applications (sandmining, reclamation, stalls, billboards), monitoring and revenue collections from land development activities permitted on land on a temporary basis. In this year's annual reporting, and as part of activating and reviving the reporting on status of implementing the policy function of the section as well as UNCCD, the section will also reflect on the history whilst informing the present and the future intention or direction of these functions, in section parts 1 & 2.

2. LAND POLICY DEVELOPMENT

As said at the outset, the section was at the time, initially tasked with reviewing existing land policies (only if or as required by ACEO) as well as developed new ones during the section's inception stage and onward.

Newly revised and developed Land Policies (before & after 2001):

- (i) Reclamation Policy 2000
- (ii) Sand mining Policy 2003
- (iii) Allocation of Government Land Spaces in the Town area Policy 2002
- (iv) Signage (or Billboard) Policy on Government Lands 2002

Some of the above policies have expanded in national scope and recognition which to date, have thus far translated into the

following;

- (i) Apia City Waterfront & Town area Vendors' Management Strategy 2020 – 2030 (has replaced Policy [vii] above).
- (ii) Masterplan for Government Lands under the Land Board control 2022 – 2032 (has replaced Policy [i] above).
- (iii) Land Policy (vii) above has been refined (not replaced) by PUMA Signage Policy 2007 to include signages erected on freehold and customary lands because of their mandate.

In the pipeline, the following policies are scheduled for revision within this and the next financial year (2022/2023 – 2023/2024):

- (iv) Reclamation Policy 2022-2032 (in draft form pending approval)
- (v) Sandmining Policy 2022-2032 (in draft form pending approval)
- (vi) National Sustainable Land Management (SLM) & Landuse Policy (TOR in draft & Consultancy work pending)

In terms of legislation, the section has been coordinating and facilitating the processes and development stages of the following through consultancy works and both internal and external consultations with stakeholders.

- (ix) Soil Resources Management Bill (in draft form pending consultations and approval)
- (x) Mining Regulations (in the pipeline)

UNCCD IMPLEMENTATION

The Land Development Section also acts as the focal point unit for the administration and coordination of the Implementation of the UNCCD at the national level. Since Samoa's accession through ratification of UNCCD in 1998, LMD of MNRE through the LDS had always been the core unit responsible primarily for the execution of Samoa's binding obligations to UNCCD's Executive Secretariat or the Head Administrator of the Convention, currently headquartered in Bonn, of Germany. At the international level, UNCCD is a multilateral environmental agreement (MEA) which is one of the three Rio sister Conventions alongside CBD1 and UNFCCC2. At the global level, UNCCD's membership at the time of Samoa's accession was about 198 signatories to the Convention or are active member countries which to date, is continuing to grow and increase in numbers.

Over the years, since membership to UNCCD, Samoa has satisfactorily met a significant amount of obligations to the Convention such as through the required submissions of periodic national country reports on progress of its national implementation of the Convention as well as official

¹ Convention on Biological Convention

² United Nations Framework on Climate Change Convention

submissions of documented commitment through national policy statement and strategies. At the implementation stage of these obligations, various donor-funded projects have been designed and aligned accordingly to implement and address land degradation problems and concerns at the national level. The following recorded some of these significant documented works as per Samoa's obligations to UNCCD.

Samoa's official submissions to meet its binding obligations to UNCCD:

The following are the remaining obligations, thus indicated in the last annual report, as yet to be met however, for this financial year it is progressively under formulation and development.

- i. *Samoa's Country Report on LDN 2023 – 2033* in draft form pending completion & endorsement by cabinet
- ii. *Samoa's TPP 2022-2032*—submitted to Secretariat however pending approval by UNCCD
- iii. *Samoa's National online PRAIS Report 2020-2022* – deferred fulfillment to 2023-2024 due to delay in receiving funds

UNCCD-Samoa Projects – Various donor funded projects were engaged to meet Samoa's obligations to UNCCD. The key focus of the implementation of these projects was to address land degradation problems and concerns in the country under the auspices of UNCCD. And

(iv) Samoa's LDN-TPP project (refer 11 above) – pending approval and implementation under GEF 8

UNCCD National Commemoration Days/Weeks or Awareness Campaigns;

- (v) National Land & Survey Day – February 2023

The Ministry of Natural Resources and Environment (MNRE) is commemorating its National Land Day 2023 which thematically will focus more specifically on launching national awareness on the Land Management Division (LMD) and Technical Services Divisions (TSD) of MNRE's core functions and service delivery to the people of Samoa.

The main purpose of the National Land Day is to promote all land-related services, that are executed and administered by the mentioned two divisions (LMD & TSD) of MNRE as abovementioned. Our key target audiences are schools, the private sector and local villages community.

For selected schools, both government and church Colleges, our main targets are Years 12 & 13 who are more or less the final year students and about to embark on a journey to the tertiary level of education.

We hope that substantial learning will gain by students from the impartation of sustainable land management, subject areas of land administration and technical knowledge and skills through various presentations of experiences and relevant professional expertise being shared by MNRE staff and technical experts

Overall, the key objective of this Land Day commemoration

is the promotion and marketing as much as possible the following land management and technical services professions;

- Land surveying as a Technical Profession or the Surveying of lands including land boundaries etc
- Land valuation as a Technical Profession or the Valuing of lands according to market prices
- Administration of Land management functions including Land Lease policy systems and processes

3.3.3: ADMINISTRATION OF THE SANDMINING ACTIVITY

This function focuses mainly on administering sand mining applications that are lodged in by public individuals and/or commercial operators with the Ministry on a daily or weekly basis. This financial year 2022-2023 compared to the last one as per Table 1 clearly indicates, the number of permits issued by the Ministry, the total volume of sand being extracted as well as the revenue collected from such mining activities have all increased significantly. The majority of sandmining permits which totals up to about 53% were issued to individuals and commercial applicants from Savaii who concentrated mainly at Foailalo village.

On the other hand, about 44% of the sandmining permits were issued to individuals and commercial operators in Upolu, with the majority operating at Si'ufaga Falelatai. It is recorded that only approximately 3% of the sandmining permits were issued to individual applicants from Manono Island for house development purpose



TABLE 6: SANDMINING ACTIVITY REVENUE						
Months	2021-2022			2022-2023		
	Permits	Volume	Revenue	Permits	Volume	Revenue
July	2	40m3	200.00	1	19m3	50.00
Aug	1	10m3	50.00	2	30m3	250.00
Sept	0	0	0.00	6	69m3	345.00
Oct	0	0	0.00	8	136m3	605.00
Nov	2	20m3	100.00	4	52m3	370.00
Dec	1	10m3	50.00	1	10m3	50.00
Jan	0	0	0.00	0	0	0.00
Feb	1	10m3	50.00	3	26m3	130.00
Mar	0	0	0.00	5	60m3	300.00
Apr	1	20m3	100.00	1	6m3	30.00
May	0	0	0.00	2	12m2	60.00
June	2	60m3	300.00	1	20m3	100.00
TOTAL	10	170m3	\$850.00	34	440m3	\$2,290.00

3.3.4: ADMINISTRATION OF THE RECLAMATION ACTIVITY

The section also facilitates the administration of applications for proposed reclamations by individual families, churches, village or communal projects and including at a larger scale, reclamation proposals from businesses and larger companies. The minimal time for process applications is 3 months to 6 months' duration or worse, it can take up to a year or more depending on the nature of application, environmental

concerns, legality and land tenure issues provided that there are no objections received by the Office against such development. All applications or proposals for reclamation are processed through the Land Board thus chaired by the Minister of the Ministry of Natural Resources and Environment (MNRE). The Minister through the Land Board is the final say and his final decision determines whether to approve or decline reclamation applications and its proposed development intentions.

TABLE 7: RECLAMATION APPLICATIONS RECEIVED & REVENUE				
Month	2021-2022		2022-2023	
	July	3	1,500.00	1
Aug	1	500.00	2	1000.00
Sept	0	0.00	1	500.00
Oct	2	1,000.00	0	0.00
Nov	1	500.00	0	0.00
Dec	0	0.00	0	0.00
Jan	0	0.00	0	0.00
Feb	0	0.00	2	1000.00
Mar	0	0.00	1	500.00
Apr	0	0.00	2	1000.00
May	0	0.00	1	500.00
June	1	500.00	1	500.00
TOTAL	8	\$4,000.00	11	\$5,500.00

For reclamation, revenue has slightly increased by \$1,500 which indicates that more people are further developing their lands for residential and commercial purposes. As table 2 shows, there are 4 months starting from October 2022 to January 2023 which recorded no new reclamation applications.

3.3.5: ADMINISTRATION OF STALLS OPERATIONS

Stalls are mainly operated by vendors who applied for permit either daily or weekly to carry out their temporary stall operations mainly for small income for individuals or families.

TABEL 8: STALL REVENUE FROM VENDORS AT MALAEFATU RESERVE				
Month	Permit Issued per Financial Year			
	2021-2022		2022-2023	
July	4	530.00	5	870.00
Aug	3	960.00	2	520.00
Sept	1	120.00	1	150.00
Oct	4	1,260.00	3	1660.00
Nov	5	650.00	5	170.00
Dec	4	1,630.00	1	20.00
Jan	2	280.00	3	180.00
Feb	0	0.00	0	0.00
Mar	2	330.00	2	100.00
Apr	1	1,000.00	4	240.00
May	1	30.00	24	3180.00
June	3	300.00	4	310.00
TOTAL	30	<u>\$7,090.00</u>	54	<u>\$7,400.00</u>

As the table 3 clearly shows, this financial year has increased in revenue as well as the number of permits issued compared to the last financial year. This increase is mainly due to stall operations for Independence Day being managed by the Ministry again at Malaefatu and Mulinu'u, as these operations were previously managed by the Independence Day Committee. Apart from Independence Day, normal stall operations are restricted at Malaefatu National Reserve due to lack of town area land spaces along the waterfront area for vendors to operate on

3.3.6: ADMINISTRATION OF SIGNAGES OR BILLBOARDS.

In total, approximately 5 billboard applications were received by the Ministry this financial year but only 2 licenses were approved and issued.

TABLE 9: BILLBOARDS REVENUE FOR FY2021-2022				
Financial Year	Applicant	No. of License Issued	Amount Paid	TOTAL
2021-2022	Naydith Company	1	300.00	300.00
	MET – MNRE Billboards	1	Exempt from fees	
2022-2023	Taula Beverages Company	1	400.00	600.00
	Ekalesia Katoliko Nofoalii	1	200.00	

The duration for processing license issued for this activity, like reclamation process, can be very lengthy as application goes through the referral process to LTA especially if proposed site is by the road or on road reserve prior to issuance of Development Consent Approval then issuance of License to erect billboards or signages on government lands.

The total amount received, from the administration of all the services put together by the section in this financial year is about \$15,790.00. Table 6 below, records a substantial increase in revenue compared to last financial year's earnings.

TABLE 10: REVENUE COMPARISONS BETWEEN THE LAST & CURRENT FINANCIAL YEARS

FINANCIAL YEAR	TOTAL	REMARKS
2021-2022	12,240.00	Overall, an increase in revenue is observed in this financial year for the section.
2022-2023	15,790.00	

3.4 – LAND REGISTRATION SECTION

3.4.1 ADMINISTRATION OF LAND DELINGS SUBMIT FOR REGISTRATION:

This report is prepared for the purpose of reporting on the annual achievement of the Land Registration Section services, and the total revenue generated in this financial year, FY2022-22023.

The registration services consist of registration of all legal dealings/interests on land, lodged by responsible lodging agents such as Law Firms, Government Ministries, Financial Institutions, etc., assist the public & stakeholders in land searches (printing & certification of Computer Folio Certificates, all Land Registration documents/records/instruments), and ensuring that all services received and provided are compliant with the Land Titles Registration Act 2008.

The total revenue recorded for this Financial Year 2022-2023 is \$288,729.00 (see table 5). In comparison to the revenue amount recorded in the last Financial Year 2021-2022 (\$221,591.00), there is an increase difference of \$67,138.00. The tables below summarise in details the figures of all the services that were achieved.

Table 1 is a record of all paid registration applications, including applications that were rolled over from FY2021-2022 to FY2022-2023, amounting to 58 applications. As recorded, 2500 applications were lodged and paid, generating \$250,000.00 for the registration services in this financial year. From the total of 2558 applications that were lodged and rolled over from last financial year to this financial year, 2461 applications were successfully registered, 32 ongoing applications, 39 requisitioned applications & 26 cancelled applications. In this regard, the baseline target of 2000 applications to be registered annually

by the Land Registration Section has been successfully achieved.

Table 2 is a record of additional paid registration services. For information, these services are recorded separately due to their nature being interest that are not limited to land, but is recorded for general purposes. These include Power of Attorneys and Standard Memorandums. In this 12 months' period, 130 applications were lodged for registration. This generated the total amount of \$13,000.00 for these general services.

Table 3 is the record of all of the Registrar of Land's services. The registration fee of \$100.00 is exempted for all of these services. This financial year reported a total amount of 645 titles/lands being subdivided or cancelled, and 899

new titles created. Other services conducted by the registrar include correction in the registry system, lapsing of Caveats, recording of Proclamation, etc.

In addition to the registration services, the Land Registry team recorded an approximate revenue of \$18,279.00 from printing and certifying of all Computer Folio Certificates, land records and all instruments related to lands. Registration Form acquired by Law Firms; the public & stakeholders generated a revenue amount of \$7,450.00. These services, as recorded in table 4, generated a total revenue of \$25,729.00.

Overall, the Land Registration Section successfully achieves its targets for this financial year, FY2022-2023.

Table 11: FY22/23 Revenue Generated Registration Services (External)

SERVICES		CARRY FORWARD FY21/22	LODGED FY22/23	REGISTERED FY22/23	ONGOING	REQUISITION	CANCEL	TOTAL	REVENUE FY22/23
1	Assignment of Lease	0	8	8	0	0	0	8	\$800.00
2	Change Rights & Restrictions	4	28	31	0	0	1	32	\$2,800.00
3	Discharge of Mortgage	4	580	576	1	2	5	584	\$58,000.00
4	Record Caveat	8	89	84	2	9	2	97	\$8,900.00
5	Record Court Order	0	2	2	0	0	0	2	\$200.00
6	Record Customary Land Lease	0	6	6	0	0	0	6	\$600.00
7	Record Freehold Land Lease	1	76	77	0	0	0	77	\$7,600.00
8	Record Government Land Lease	0	44	44	0	0	0	44	\$4,400.00
9	Record Miscellaneous	1	9	8	0	1	1	10	\$900.00
10	Record Mortgage	12	541	532	6	12	3	553	\$54,100.00
11	Record Transmission	3	126	121	1	3	4	129	\$12,600.00
12	Removal of Caveat	1	24	23	0	1	1	25	\$2,400.00
13	Termination of Lease	2	27	26	0	2	1	29	\$2,700.00
14	Transfer of title	21	879	862	22	8	8	900	\$87,900.00
15	Variation of Lease/Sub-Lease	0	3	3	0	0	0	3	\$300.00
16	Variation of Mortgage	1	58	58	0	1	0	59	\$5,800.00
TOTAL		58	2,500	2,461	32	39	26	2,558	\$250,000.00

Table 11 - Record of all applications, such as applications which were rolled over from FY2021-2022 to FY2022-2023, total up to 58 applications. 2500 applications were lodged and paid, generating \$250,000.00 for the registration services in this financial year.

From the total of 2558 applications that were lodged and rolled over from last financial year to this financial year, 2461 applications were successfully registered, 32 ongoing applications, 39 requisitioned applications & 26 cancelled applications. In this regard, the baseline target of 2000 applications to be registered annually by the Land Registration Section has been successfully achieved.

Table 12: FY22/23 Other Paid Services

SERVICES	CARRY FORWARD FY21/22	LODGED FY22/23	EGIST ERED FY22/23	ONGOING	REQUISITION	CANCEL	TOTAL	REVENUE FY22/23
1 Record Power of Attorney	4	120	117	1	4	2	124	\$12,000.00
2 Record Standard Memorandum	0	2	2	0	0	0	2	\$200.00
3 Revoke Power of Attorney	0	8	6	0	0	2	8	\$800.00
TOTAL	4	130	125	1	4	4	134	\$13,000.00

Table 12 - Record of additional registration services. These services are recorded separately due to their nature being interest that are not limited to land, but is recorded for general purposes. These include Power of Attorneys and Standard Memorandums. In this 12 months' period, 130 applications were lodged for registration. This generated the total amount of \$13,000.00 for these general services.

Table 13: FY22/23 Non-Revenue Generated Registration Services (Registrar's Internal Services)

SERVICE	CARRY FORWARD FY21/22	LODGED FY22/23	REGISTERED FY22/23	CANCELLED	REQUISITION	TOTAL
1 Cancel Memorial	0	30	27	3	0	30
2 Cancel Miscellaneous	0	1	1	0	0	1
3 Cancel Mortgage Under Power of Sale	0	24	21	3	0	24
4 Cancel Title	28	634	645	13	4	662
5 Cancel Transmission	0	3	1	2	0	3
6 Change Estate Type	0	2	2	0	0	2
7 Convert to Title	0	20	18	2	0	20
8 Correct Registry	0	142	135	7	0	142
9 Correct Registry/Cancel Right	0	62	58	4	0	62
10 Create New Title	48	865	899	14	0	913
11 Lapsed Caveat	0	19	19	0	0	19
12 Record Memorial	0	21	20	1	0	21
13 Record Proclamation	0	2	1	1	0	2
14 Terminate Government Lease or Customary Lease	0	6	0	00	0	6
TOTAL	76	1,831	1,853	50	4	1,907

Table 13 Record of all of the Registrar of Land's services. The registration fee of \$100.00 is exempted for all of these services. This financial year reported a total amount of 645 titles/lands being subdivided or cancelled, and 899 new titles created. Other services conducted by the Registrar including correction in the registry system, lapsing of Caveats, recording of Proclamation, etc.

Table 14: Searches & Form Services (Searches & Registration Forms)

SERVICES	REVENUE
SEARCHES (COMPUTER FOLIO CERTIFICATES), A4 & A3 COPIES	\$18,279.00
REGISTRATION FORMS (\$5 PER FORM)	\$ 7,450.00
TOTAL	\$25,729.00

Table 15: Grand Total Revenue Earned by Land Registration Section in FY22/23

LAND REGISTRATION SERVICES	SECTION	REVENUE
REGISTRATION SERVICES		\$250,000.00
OTHER PAID REGISTRATION SERVICES		\$ 13,000.00
COPIES & REGISTRATION FORMS		\$ 25,729.00
TOTAL REVENUE FY22/23		\$288,729.00

3.4.2 SCANNING AND THE CONVERSION OF ALL LAND RECORDS

An ongoing scanning process of all old land records during German Government times, New Zealand Reparation then to the Independent Government of Samoa from years 1800 to 2000, as well as the converting of land titles, and the whole of land-related information from bound land register books to computer land registers. Scanning process of land records such as Land Claims, Court Grants, Grand Akten, Crown Grants, Flur Plans, Circuit Plans, Survey Plans (etc)

3.5 LAND VALUATION SECTION

Valuation work and revenue

Valuation Tasks	Total Number	Total Revenue
Individuals	288	\$128,650
MNRE request	6	These are considered as official valuation works
Official Works (Ministries request)	2	
Total Valuation work	296	\$128,650
Additional information		
APC – registered valuers @ \$250	3	\$750
TOTAL	\$129,400	

Land Valuation Team carried out the valuation works on customary lands, freeholds and government lands.

a) Stamp Duty works and revenue

Instrument(s)	Number of Instruments	Total Revenue
Transfer	807	\$3,346,108.08

b) Valuation Revenue Collection

Valuation work	\$129,400
Stamp Duty	\$3,346,108.08
Total Revenue Collection	\$3,475,508.08

3.6 LAND COMMISSION SECTION

Land Titles Investigation Act 1966, was established to authorise the setting up of a Commission, to investigate and determine titles to certain lands, and claims thereto; Land Commission consists of five (5) members, 1, Chief Justice is the Chairman, 2, Chief Executive Officer of the Ministry of Natural Resources and Environment, and the remaining three (3) the Head of State is acting on the advice of Cabinet, shall by warrant and one shall be a Senior Samoan Judge. (Lands & Titles Court)

Land Commission continue to ensure that all land matters are well managed and properly taken for Land Commissions' decisions and endorsement by the members of the Land Commission at the Court.

Land Claims submitted within this Financial Year 2022/2023

Table: Revenue Collected from land claims lodged by the Claimants to the Land Commission for Investigation 2022-2023 compare to 2021/2022.

LOCATION	Revenue 2021/2022		LOCATION	Revenue 2022/2023	
	Claims \$500.00 each	Objections \$500.00 each		Claim \$500.00 each	Objection \$500.00 each
1 Claim submitted 1. Land Claim 148	Land Claim Number 148 – land called “Feagai ma le Malo” at Tuasivi, Savai'i. \$500.00 each	1 Objection for the Claim. \$500.00 each	3.Claim submitted. 1.Land Claim Number 149 - Land at Letogo. 2.Land Claim Number 150 – Land at Tiavi. 3.Land Claim Number 151 – Land at Salelologa, Savai'i.	\$500.00 \$500.00 \$500.00	1 Objection for the Claim. \$500.00each 1 Objection for the Claim. \$500.00 No Objection for the Claim.
Total revenue from Claim & Objections.	\$500.00	\$500.00	Total revenue	\$1,500.00	\$1,000.00
Total Revenue 2021/2022	\$1,000.00		Total Revenue 2022/2023	\$2,500.00	

3.7 CUSTOMARY LAND ADVISORY COMMISSION

3.7.1 Customary Land Advisory Commission:

The Customary Land Advisory Commission has been established under the Customary Land Advisory Commission Act 2013 (CLAC), to encourage, facilitate and promote greater economic use of customary land for the

purpose of enhancing the social, cultural, economic and commercial development of Samoa and for related purposes.

One of the functions and power of this Commission is to review all laws affecting customary land in Samoa and make

recommendations to Cabinet for changes to such laws, where such are necessary for the facilitation, encouragement and promotion of the economic use of customary land, Also, to conduct public consultations on areas of law affecting customary land considered to be in need of reform and report its recommendations for reform to Cabinet.

There were five (5) consultations have been carried out within this financial year, FY 2022/2023 two (2) in Upolu and three (3) consultations at Savaii. The consultations depend on the budget available for the Customary Land Advisory Commission spending for travels as well as small allowances for members of communities, breakfast and lunches in each consultation.

Customary Land Advisory Committee Meeting

There were only twelve (12) meetings conducted during

Table: Consultations carried out Upolu and Savaii.

Date of Consultations	Districts	Male	Female	Total of Participants
24 Aug 22	Elisa Hotel- Conf Rm	17	23	40
30 Aug 22	MNRE (R1 & R2)	15	14	29
31 Aug 22	Methodist Hall-Salelologa	62	74	136
1 Sept 22	Methodist Hall-Safotu	103	63	166
2 Sept 22	Methodist Hall-Sagone	85	84	169
Total				540

TOTAL LAND MANAGEMENT REVENUE 2022/2023

Land Management Division	Revenue
3.1 – Government Land Lease	\$1,500,718.50
3.2 – Customary Land Lease	\$ 56,326.41
3.3 – Land Development	\$ 15,790.00
3.4 – Land Registry	\$ 288,729.00
3.5 – Land Valuation/Stamp Duty	\$ 3,475,508.08
3.6 – Land Commission	\$ 2,500.00
TOTAL	\$ 5,339,571.99

Key Performance Indicators and Results extracted from Budget FY22/23

Performance Measure / Indicator	Budget Standard	Traffic Light	Comments
Number of Applications for Government Land Leases, Land Taken for Public Purposes and Reclamations Approved by Land Board.	100 Applications Approved.	Achieved	• 123 Number of Applications for Government Land, 84 Lots taken for Public Purposes (Cross Island Road Project - CW2) 24 Number of Reclamations Approved by Land Board.
Number of Applications for Valuation, Processed and Approved.	59	Achieved	• We managed to complete 296 Valuation for this Financial Year 2022/2023.

this Financial Year 22/23. There were two (2) Business Advertisements advertised on two (2) television services, TV3 and TV5 for three (3) months period, started from September to November 2022.

The public advertisement was mainly focus to the new amendment of the Leasing and Licensing of Customary Land Leases Act 1965, approved by the Parliament in July 2019.

At the outset, the revisions to the Principal Act, aimed to improve organization, safeguard due diligence process and provide clarification to address changes overtime. The amendments also aimed to strengthen the legal framework to safeguard the Constitutional protection against the alienation of customary lands at the same time ensure that related processes for its implementation comply with the Constitution.

Number of Instruments Registered and Approved which complied with the Land Titles Registration Act 2008.	110.	Achieved	<ul style="list-style-type: none"> We received 2,507 documents for Registration. 2410 documents Completed and Approved. 53 Documents Requisition for Correction, 26 Cancelled not Complied with LTRA 2008 and 18 progress to 2023/2024.
Number of Land Claim Applications Re- viewed and Approved.	5.	Achieved	<ul style="list-style-type: none"> There were 14 Land Claim Applications Sub- mitted, 7 claims already investigated and decisions are in progress, Another 7 Land Claims still ongoing.
Number of Burial Plots Allocated and Maintained.	60.	Achieved	<ul style="list-style-type: none"> There were 77 Applications Approved: Tafaigata 40, Vaialele 32 and Magiagi 5. Total Revenue for Burial Plots = \$41,850.00
Land & Survey Day/Week National Commemoration including Awareness Activities.	1.	Achieved	<ul style="list-style-type: none"> Commemoration of Land & Survey Day focused on Launching much Awareness of Land Management and Technical Survey Services to the Public.
Number of Stamp Duty Applications Processed and Approved.		Achieved	<ul style="list-style-type: none"> There were 807 Land Transfers Instruments presented to the Ministry for Stamping.
Number of Applications for Sand-Mining, Scoria-Mining, Sea Reclamations and Applications for Temporary Use of Government Land for Billboards, Banners and Stalls Processed and Approved.	100 Applications Approved.	Achieved	<ul style="list-style-type: none"> The Number of Applications and Approved Ones exceeded the Targeted Number or Percentage with Sandmining being the majority and Stalls next.
Number of Applications for Customary Land Leases and Licenses Processed and Approved.	20.	Partially Achieved	<ul style="list-style-type: none"> There are 13 New Leases that were being Processed & Approved. Approval due to meeting the process requirements in Publishing & Confirmation from MJCA with Ownership of Land.
Number of Applications for Customary Land Leases and Licenses Processed and Approved.	20.	Achieved	<ul style="list-style-type: none"> There are 13 New Leases that were being Processed & Approved. Approval due to meeting the Process Requirements in Publishing & Confirmation from MJCA with Ownership of Land.
Number of Consultations Conducted with Community on Promoting Economic Use of Customary Lands.	5.	Achieved	<ul style="list-style-type: none"> There were 5 Consultations that were conducted in 2022 - 2023 with the Community. There were 2 in Upolu and 3 in Savaii. And we have planned to do another 10 Consultations in this FY.
Master Plan for Government Lands 2022-2023 Approved and Launched.	100% Completed.	Achieved	<ul style="list-style-type: none"> The Master Plan for All Government Lands under the Land Board (MNRE) is completed, but we were advised to circulate to SLC & STEC.
Sand mining, Reclamation and National Sustainable land management policies updated and approved.	70% Completed	Not Achieved	<ul style="list-style-type: none"> Review is in progress and development of the NATIONAL SUSTAINABLE LANDUSE POLICY is pending until a consultancy appoints to work for this job

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.

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, still 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.

But in this Financial Year, Faleolo GNSS Station has been discontinued due to it maintenance funding support has been cease from Geological and Nuclear Science of New Zealand.

Issuance of Surveyors License and Annual Practicing Certificates

This financial year, eight (8) annual practicing certificates were issued to private surveyor in the private sector, one (1) issued to Samoa Land Corporation (SLC) Surveyor and three (3) were issued to the Ministry Surveyor. The following are the registered licensed Surveyors in Samoa.

1. Tuala Piki Tuala-- Private Surveyor
2. Manu'alesagalala Lemalu Enokati Pelo- Private Surveyor
3. Galuvao So'oalo Viliamu Sepulona- Private Surveyor
4. Alaiasa Sagalala Salanoa- Private Surveyor (*did not renew*)
5. Seiuli Ueligitone Seiuli - Private Surveyor
6. Safuta Toelau Iulio- MNRE
7. Asi Vitaoa Peleiupu Fuatai - MNRE
8. PesetaTupai Eseta Maualaivao- Private Surveyor
9. Levei Tanoi Auelua - Private Surveyor
10. Tuala Petania Tuala - MNRE
11. Ataataotaulelei S. Salanoa - Private Surveyor
12. Safiu Fenika Oloapu - SLC Surveyor

Within this financial year, the survey section performed extremely well to achieve its target and completed most survey requests by the Ministry and the Government within its agreed timeframe. The services are provided in accordance with Survey Act 2010, Survey Regulations 2011 and Ministerial Policies off land related matters.

Work executed within

Work execute	Status	Number of Lots	Combined Areas (hectares)
Redefinition Survey	6 requests 5 completed 1 ongoing	7 lots	2.2325ha
Subdivision Survey	7 requests 7 completed	59 lots	24.6297ha
Other works	1 compiled plan 2 LTC and Land Commission. 1 Survey of Customary Land for lease purposes.		
Established of new survey point(GPS)	18 requests 18 completed	53 New Survey Marks	

Revenue from License and GPS hire

Revenue collected	No.	Fee	Total
Surveyors Annual Practice Certificates	8	\$200	\$1,600
Hire of GPS equipment's (Established of new marks for horizontal network)	41 2	Different rates (between \$200 to \$300) Special GPS works	\$5,900 \$4,310
Total			\$11,810

4.2 – SURVEY QUALITY ASSURANCE

The Survey Quality Assurance is responsible in receiving and reviewing of all survey plans lodge by Licensed Surveyors. Doing searches for requested matters arised by public to enhance their needs. Check and approving the plans for registration of their titles, lease & mortgages or other matters. 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 Plans and recorded on T- Drive for public used. Maintenance & updating of Solution for Open Land Administration (SOLA) System. Service given with high quality of work to urgent request to be satisfied the Acts & Regulations.

QA Revenue collected July 2022 - June 2023

Services	Receipts	Internal
Plan Examination fees	\$12,614.50	\$885.00
Field Books	\$400.00	\$150.00
Plan Copies	\$365.00	\$21,280.00
Total	\$13,379.00	\$22,315.50

4.3 – NATIONAL MAPPING

FRAMEWORK FOR NATIONAL MAPPING SERVICES.

The National Mapping Services is responsible for the production of the National Based Map for the entire Nation of Samoa. One of its core functions is to update and revise all the spatial datasets and GIS layers that were used for the production of the National Topographical Maps of the whole country. It also provides technical services and the application of GIS in various fields if needed by the ministry, external ministries and private organizations. We can also provide public access to high quality and reliable geospatial datasets and information to assist and support Government and Private Organization decision-makers, in the sustainable management of our natural resources and environment.

Functions and Spatial Data of National Mapping Section

- a) Update and revise all the spatial data and GIS layers, both natural and man-made resources, for the production of the National Topographical Map of the Samoa.
- b) Produced various thematic maps from aerial photography & satellite imagery.
- c) Processing of Spatial Data License Agreement for spatial dataset sharing (License Agreement)

- d) Provide assistance to other divisions, projects within the ministry and other stakeholders for application of geographic information system work and offering reliable spatial data/information.
- e) Update various database of all spatial data layers (GIS layers).
- f) Provide assistance to the National Geographic Names Board, for meeting preparation and mapping work for proposed and approved names of roads and reserve, and provide approved names of roads to the Street Address Project and Committee.
- g) Provide assistance to schools for their internal assessment by sharing reliable and accurate spatial information.
- h) Provide assistance to villages in consultation and mapping work.
- i) Carried out GIS and Technical work for the delimitation of Samoa National Maritime Boundary.

Revenue collected: FY 2022-2023.

Service	OFFICIAL	RECEIPT	TOTAL
Maps produced in hardcopies or electronic format, including License Agreement for spatial dataset.	\$12,930.00	\$6,785.00	\$19,715.00

Key Performance Indicators and Results extracted from Budget FY22/23

Performance Measure / Indicator	Budget Standard	Traffic Light	Comments
Number of Survey Plans Received for Examinations	160	Achieved	<ul style="list-style-type: none"> • 180 survey plans received for examination, lodged, examined, requisitioned and requisition returned for approved.
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	Achieved	<ul style="list-style-type: none"> • 157 survey plans approved scanned copies deliver to surveyors, scan to T-drive to be used at the counter for searches by public and internal used by the Ministry. • 157 approved plans digitized on SOLA for Titles registration and lease purposes.
Number of Survey Investigations and Inspections (Survey Plans)	8	Partially Achieved	<ul style="list-style-type: none"> • Only 5 investigations arise three completed and two are still on investigation due to misunderstanding of people and will be final to court.
Number of Surveys Completed for Land Board-MNRE	4	Achieved	<ul style="list-style-type: none"> • 12 surveys completed and 1 is ongoing
Number of Surveys and Works Completed as Approved by The Ministry	4	Achieved	<ul style="list-style-type: none"> • 1 Land Commission, 1 LTC, 1 Compiled Plan and 1 survey of customary land to be leased for Water Division equipment.
Number of Controls Marks Established, Upgraded and Maintained for the National Control Network (Horizontal and Vertical Control)	40	Achieved	<ul style="list-style-type: none"> • 53 new marks established.
Number of Maintenance for 1 Continuously Operating Reference Stations (CORS) - GPS/GNSS Station	4	Achieved	<ul style="list-style-type: none"> • At least 4 regular maintenances per month

Number of Maps Produced and sold both Public and Government Ministries	100	Achieved	<ul style="list-style-type: none"> Over 150 different thematic maps have been compiled and produced for internal and external use, both in hard copies and electronic copies (some were paid for, and some were official) Over 100 survey plans for government land had been created for a GIS layer. 100% of Upolu Island's building footprint has been digitized.
Number of Determinations Approved by Geographic Names Board	30	Achieved	<ul style="list-style-type: none"> Two Board Meetings has been conducted with more than 30 proposed road names discussed and approved.
Number of Spatial Data License Agreement Signed and Released	5	Achieved	<ul style="list-style-type: none"> 2 Spatial License Agreement has been signed, and Spatial datasets have been released for external request. 3 Internal requests for Spatial Datasets to be used for our internal projects.
Groundtruthing of GIS Layers for Samoa	10	Partially Achieved	<ul style="list-style-type: none"> A Number of GIS layers have already been compiled, but Groundtruthing has been proposed for the next FY as we are awaiting for our drone.
Delimitation of maritime boundary for Samoa's EEZ. (Technical works)	3 Technical Meeting	Achieved	<ul style="list-style-type: none"> 4 SPC Technical Meeting to discuss technical issues with NZ. 1 Technical meeting was held with the working group to discuss the way forward
Number of World Bank Projects/Technical Advisor Support	2	Achieved	<ul style="list-style-type: none"> Alafaalava road control survey completed. Support and advice for East Coast Road control survey also completed.
Awareness Programs for Land Surveying (Schools)	5	Achieved	<ul style="list-style-type: none"> 4 awareness completed but it's a ongoing programs for the surveying and the Technical Division.
Develop Online Database for Electronic Lodgments (Survey Plans)	45%	Not Achieved	<ul style="list-style-type: none"> Still on preparation and looking for fund. This can only start when all documents completed computerized accurate data for surveyors to access.
Number of Contracts Review, Tender Documents, Technical Advice (Infrastructure Projects)	5	Not Achieved	<ul style="list-style-type: none"> Only the Alafaalava road is completed.

5: DIVISION OF ENVIRONMENT AND CONSERVATION

- Marine Spatial Plan development – completed the 2nd round of national stakeholders and communities’ consultations to further review and refine the zero draft Marine Spatial Plan for Samoa at the sectorial level (Tourism, Fisheries, Govt. entities, NGOs and Civil Societies) and 40 community-wide ones covering 175 coastal villages within 53 electoral districts across Samoa
 - Completed the mangrove audit assessment for Puipaa and 2 consultations to develop its Mangrove Management Plan towards the establishment of their mangrove reserve.
 - Marine research expedition conducted covering major areas beyond the reef around Upolu and Savaii
 - Five coral nursery units established for 5 villages in Upolu
 - Four coral reef out-planting activities completed for 4 villages in Savaii
 - Completed 18 public awareness & community outreach programs/training on marine biodiversity and conservation efforts (i.e. mangroves and coral reefs importance and restoration)
 - Developed Samoa’s Fourth National Report to the Cartagena Protocol on Biosafety
 - Completed the initial scoping exercise of manumea bird in captivity feasibility study
 - Completed 2 seabird’s surveys on Nuutele and Nu’ulua islands and one round-island (Upolu) out-at-sea survey
 - Fifty-one (51) DC referral received from PUMA were assessed and submitted reviewed report to PUMA
- Waste Management and Pollution Control**
- Finalized National Used Oil Management Plan
 - Finalized Circular Economy Policy for Waste Management
 - Finalized Disaster Waste Management Response Plan
 - Initialized the development of Waste Levy initiative for certain waste materials with the assistance from the PacWaste Plus Project
 - Conducted eleven (11) monitoring on healthcare waste management on segregation and safe disposal
 - Six (6) monitoring conducted for the expired and ceased pesticides stored by Quarantine-MAF
 - Thirteen (13) expired chemical collection conducted from school laboratories (5 in Upolu & 8 in Savaii).
 - Conducted 2 waste audits for Lotofaga and Leauvaa under the UNDP/SGP projects and 2 for Malaela and Puipaa under the SWAP and POLP projects during the International Coastal Clean-up Day.
 - Eleven (11) open burning cases received and sited and consulted.
 - Conducted eleven (11) compost monitoring for the existing compost schools mainly (Tanugamanono Primary School, Papauta Girls College, Avele College & Leififi College)
 - Two (2) new school compost program (RLSS and Samoa Adventist College)
 - Twelve (12) toner collection in partnership with SSAB and HP NZ on their E-Waste Take Back Initiative
 - One (1) asbestos case assessed and confirmed asbestos free
 - Conducted twenty four (24) monitoring for the maintenance and management of three public toilets (Mulinuu, Sogi & Eleele-fou) and Tafaigata sludge facility
 - Conducted twelve (12) monitoring for the maintenance of Vaiaata sludge facility (Savaii)
 - Conducted twenty four (24) monitoring for waste collection services, Apia Litter Maintenance Services, Tafaigata Landfill Operation Services, Vaiaata Landfill Operation Services and Apia Lawn Maintenance Services.
 - Launching of the REAP Education Program plastic toolkit
 - One (1) National Chemical Workshop conducted for Science teachers and Science laboratory operators for secondary schools and colleges in Upolu, on the safe handling and management of chemicals.
 - Training with local recyclers on the Transboundary Movement of Hazardous waste in coordination with Basel, Rotterdam and Stockholm Conventions.
 - Nine (9) transboundary movement of chemical & hazardous waste assessed and consented. Eight (8) transit and one (1) export application.
 - Two (2) school awareness conducted for Robert Louis Stevenson School and Samoa Adventist College on composting of green waste to promote no burning campaign, and minimize emission of POPs and other toxic chemicals.
 - Three (3) communities’ consultation with Tanugamanono EFKS Youth, Leauvaa community and Lotofaga Safata on solid, chemical and hazardous waste management.
 - Two (2) community consultations conducted in Upolu and Savaii on petrol stations development and safety precautions.
 - Four (4) open burning billboards printed and installed, and one (1) AFD-Used Oil Project pull-up banner developed.
 - Conducted stakeholder consultation on the development of the Waste Levy for certain waste materials.
 - Constructed a Chemical and Hazardous Waste Storage Facility at Tafaigata.

Key Performance Indicators and Results extracted from Budget FY22/23

Performance Measure / Indicator	Budget Standard	Traffic Light	Budget Standard Or Target
Environment Management and Conservation Bill endorsed (14 policies developed)	Environment Management and Conservation Bill endorsed	Partially Achieved	<ul style="list-style-type: none"> Additional time required to complete the one-on-one consultation with relevant key stakeholders as an outcome of the stakeholder's consultation Completed the following activities; Technical review of the Draft EMC Bill in consultation with the Legal Consultant Internal and stakeholders' consultation including the one-on-one consultation with the relevant key Ministries (MAF, MWTI, MESC) Technical review on the Legal Consultant's key deliverables (Review report with recommendations) Developed the Final Consultation report Prepared the Revised Draft EMC Bill based on review and feedback collected from the stakeholders Continued with final review of the Revised EMC Bill including changes to name of the Bill "Biological Diversity Management Bill" to facilitate official submission to AOG for vetting
	Biodiversity Policy updated	Not Achieved	<ul style="list-style-type: none"> Rescheduled to FY 23/24 Delay procurement of consultant to review and update the Biodiversity Policy due to delay finalization of funding disbursement under GEF Early Action Support-Global Biodiversity Framework Project
	Marine Spatial Plan for Samoa developed	Partially Achieved	<p>Completed consultation to review draft MSP map:</p> <ul style="list-style-type: none"> National Expert workshop to review zero draft MSP map 3 national Sectoral consultations (Tourism, Fisheries, Govt. entities, NGOs and Civil Societies) 2nd round of community wide consultation covering 175 coastal villages within 53 electoral districts across Delay of original timeframe due to COVID19 has caused a shift in the overall timeline of implementation It is work in progress to be continued on to FY23-24 for completion Samoa
	International Trade in Protected Species Bill (CITES Bill) endorsed	Partially Achieved	<ul style="list-style-type: none"> Lengthy review and vetting process by the OAG Compiled and submitted list of CITES listed marine species-specific for Samoa to LSD. Currently with the OAG for vetting
	National Reserves Policy developed	Not Achieved	<ul style="list-style-type: none"> The delay is due to funding arrangement process between GEF and UNDP CO in Apia
	Vailima National Reserve Management plan updated	Partially Achieved	<ul style="list-style-type: none"> The follow up survey to confirm status of biodiversity within the reserve has completed and a draft management plan is prepared incorporating the new Vailima Botanical Garden redevelopment and zoning plan Delay is due to staff turned over and the impact of other unforeseen activities
	Vaitele Fou Reserve Management Plan developed	Partially Achieved	<ul style="list-style-type: none"> Completed follow-up biodiversity survey and draft management plan for Vaitele-fou prepared Delay is due to staff turned over and the impact of other unforeseen activities
	Proclamations of Nature reserves (4)	Partially Achieved	<ul style="list-style-type: none"> The Land Administration Division has received request from DEC and they are currently working in collaboration with the Spatial Information Agency to verify all the reserve boundaries before the actual proclamation Delay is due to the busy schedule of the SIA and Land divisions
	E-waste Policy and Regulation	Achieved	<ul style="list-style-type: none"> E-waste Policy and Regulation funded by PacWaste Plus Project is ongoing and will be finalized in 2024
	Circular Economy for Waste Management Policy	Achieved	<ul style="list-style-type: none"> Circular Economy for Waste Management Policy was developed under the CERO Waste Project and was submitted for endorsement.

	Disaster Waste Management Response Plan	Achieved	<ul style="list-style-type: none"> Disaster Waste Management Response Plan was developed under J-PRISM II project and already submitted to the Disaster Advisory Committee for endorsement
Research and monitoring/surveys implemented (67 surveys implemented)	1 National Biodiversity Monitoring Survey (Birds, Butterfly, Reptiles, Vegetation)	Partially Achieved	<p>The survey has been rescheduled to FY23/24 due to unavailability of funding support under the local budget. However, alternative financial support secured through SPREP and this national survey has been rescheduled to FY 2023-2024. Completed the following for this activity;</p> <ul style="list-style-type: none"> Developed the final survey plan based on discussion with SPREP Prepared and submitted the final budget for the monitoring survey to SPREP to facilitate their procurement process No financial support available under the local budget to implement this activity
	1 National Seabirds Monitoring Survey	Achieved	Completed 2 surveys on Nuutele and Nu'ulua islands and one round-island (Upolu) out-at-sea survey
	1 National Flying Fox Monitoring Survey	Partially Achieved	<ul style="list-style-type: none"> This activity has been rescheduled to FY 2023-2024. We sought financial support from SPREP and this activity is now postponed to be implemented at the FY 2023/2024 No financial support under the Local Budget to implement this survey.
	1 Freshwater Monitoring Survey	Not Achieved	<p>Postpone to FY23/24 but</p> <ul style="list-style-type: none"> Completed the freshwater research at six lakes in Upolu (Lake Lanotoo, Lake Lanoanea, Lake Lanoataata, Lake Lanoto and Lake Pue.) No local budget to support the implementation of this morning survey
	1 Whale and dolphin monitoring Survey	Not Achieved	<p>Postpone to FY23-24</p> <p>No local budget support (budget proposed cut-down). Alternative funding support from potential partner was not yet secured at the time of migration season from Aug – Nov</p>
	2 Mangrove Audit Assessment	Achieved	Completed 1 mangrove ecological audit assessment for Puipa'a village Only 1 assessment was originally proposed and submitted under our KPIs and budget
	2 Coral Reef Assessment/monitoring Survey	Achieved	Completed: <ul style="list-style-type: none"> 1 marine expedition research 5 quarterly monitoring of coral nurseries; 3 for Savaii and 2 for Upolu
	2 Turtle Nesting Monitoring Survey	Achieved	Completed 2 monitoring surveys for Matautu-Lefaga and Falealupo
	Monitoring of Public Toilets, sludge facilities conducted		Monitoring of Public Toilets, sludge facilities conducted
	Monitoring and collection of toners in partnership with SSAB & HP take back initiatives		completed
	Monitoring of Pesticides		Monitoring of Pesticides conducted
	health care wastes	Achieved	Monitoring of health care wastes conducted
	Waste Audits	Achieved	Conducted 2 clean-ups and waste audits for Malaela and Puipaa in commemoration of the International Coastal Clean-up Day under the SWAP and POLP projects
Landfill Operation Services,	Achieved	Conducted monitoring of Waste Collection Services, Landfill Operation Services, Apia Daily Litter Maintenance Services and Apia Lawn Maintenance Services.	

National reserves development, ecosystem restoration, and biodiversity conservation programs (100% Completed)	1 Coastal protected/managed area identified and established/revived/unscaled	Partially Achieved	Puipaa mangrove area identified for conservation with ecological assessment completed Fusi Saoluafata coastal area identified for protection with initial meeting completed to present outcomes of the coastal rapid assessment and mangrove audit assessment conducted in FY21-22 This is work in progress with other phases/implementations towards the establishment of coastal protected/managed areas to be completed in FY23-24 Funding constrains and lengthy processes contributed to the delay
	2 Mangrove habitat restoration program	Achieved	Completed a total of 8 mangrove replanting for; 6 communities (Uafato, Ulutogia, Tafatafa & Matavai, Tuanai, Vaiusu, Vaigaga) and 2 at Friendship Park Completed waste cleanup for the mangrove area of Puipa'a
	3 Coral reef restoration programmes	Achieved	Five coral nursery units established for 5 communities (Uafato, Ulutogia, Tafatafa & Matavai, Tuanai and Fusi-Saoluafata) Completed 4 coral reef out-planting for Salealula, Satoalepai, Siutu and Vaitoomuli
	Vailima National Reserve developed	Partially Achieved	About 50% of the Vailima national reserve completed in preparation for the CHOGM meeting in October 2024 Delay in the approval of funding from STA and government for the implementation of the redevelopment works
	Lelata Nature Reserve Developed	Achieved	Completed landscaping design and planting for Lelata reserve and installation of facilities for public use
	Sinave Nature Reserve developed	Not Achieved	MNRE has planned the renovation of the old MNRE building at Tamaligi with the intention of using the current reserve area as vehicle car park Re-focused planning for the use of the reserve
	Matautu Lefaga Coastal Nature Reserve established	Not Achieved	Village has received initial payment under the 3million tree campaign however there is misunderstanding between the pulenuu and council of chiefs Land dispute and funding issues
Management / conservation of species of interest (ie. Alien invasive species, threatened & endemic species)(16 monitoring program completed)	Feasibility study of manumea captivity completed	Partially Achieved	Completed the initial scoping exercise of manumea bird in captivity feasibility study This is work in progress. Team is currently reviewing the draft feasibility study report
	4 Rat Monitoring	Partially Achieved	Completed three (3) rat monitoring at Malololelei Nature Reserve. The remaining monitoring was scheduled on December, 2022 was cancelled due to bad weather conditions
	1 Rattan palm raid	Achieved	Completed the rattan palm control operation at Papaseea
	2 Water lettuce monitoring	Achieved	Completed two (2) water lettuce monitoring at the GCF project sites
	2 control and management operation for crown-of-thorn	Achieved	Completed 3 COTS control operations in 3 sites in (Matautu-Lefaga - Matareva Beach, Return to Paradise Resort and Matautu MPA)
Contract Management (National Reserves)	2 Lawn maintenance for National Reserves	Achieved	Completed lawn maintenance of 15 terrestrial reserves twice every month for 12months - completed landscaping design and planting for Vaitele-east, Vaitele west and Vaigaga reserves
Enforcement and Compliance (10enformet cases)	Illegal Harvesting (sharks, turtles)	Achieved	Conducted: <ul style="list-style-type: none"> Four (4) quarterly monitoring for enforcement and compliance of sales of prohibited products and protected species. No illegal activities recorded. Inspection of reported turtle in captivity at Lefagoalii, Savaii. Verbally informed/warn the responsible person on the illegal activity i.e. regulation and implications for awareness and any future similar incidents. Inspection and provided technical advice for stranded turtle at Taumeasina Hideaway. Turtle was released into the wild.
Information & Knowledge management/capacity	Access and Benefit Sharing database updated	Achieved	Updated database with 4 new research completed
	Biodiversity (bird,	Achieved	Data from the survey has been inputted in to the data sheet

building and training (ie: waste compliance management, database) (100% complete)	butterfly, reptiles) database updated		
	Flying fox database developed	Partially Achieved	Flying fox monitoring survey was postponed which will facilitate the preparation on the database
	Seabirds database developed	Partially Achieved	Completed the initial discussion with SPREP to assist with preparation of database for seabird. Analysis of data from survey and sound recorders retrieved from Nuulua and Nuutele during the second monitoring survey will also support the development of a database. Analysis of survey data is in progress to facilitate development of database
	200 invasive plant posters distributed to the general public	Achieved	Distributed 463 invasive plant posters to students and the general public
	200 native bird posters distributed to the general public	Achieved	Distributed 340 native bird posters to students and the general public
	2 Capacity building training to enhance skills and knowledge for implementation of marine conservation work	Achieved	staff participated in 6 marine related capacity building programmes
	Waste Management	Achieved	Refresher training conducted for stakeholders for Basel, Rotterdam and Stockholm Conventions on Transboundary Movement of Hazardous wastes. Kobo Toolbox Training. Guardians Training of Trainers Workshop Environmental and Social Safeguards, Child Protection and Safeguarding and Prevention of Sexual exploitation, Abuse and Harassment training. Training course on Pollution Prevention and Solid Waste Disposal for Developing Countries.
Critical Biodiversity Areas Restored (Marine and Terrestrial) and 3 million tree planting campaign.(446 ha restored (278750 new trees planted))	1 Coastal protected/managed area identified and established/revived/upscaled	Partially Achieved	two coastal protected/managed areas identified; 1) Fusi Saoluafata with initial meeting completed to present outcomes of the coastal rapid assessment and mangrove audit assessment; and 2) Puipaa village with mangrove audit assessment completed and 2 consultations to develop its Mangrove Management Plan This is work in progress to be continued on to FY23-24
	2 Mangrove habitat restoration program	Achieved	Completed a total of 8 mangrove seedling planting for; 6 communities in Upolu and 2 for Friendship Park with a total of 1,651 mangrove seedlings 1 waste cleanup for the mangrove area of Puipaa'a
	Vailima National Reserve	Partially Achieved	About 50% of the development works completed
	Lelata Nature Reserve	Achieved	Completed landscaping and facilities
	Sinave Nature Reserve	Achieved	The Ministry is considering using the reserve area as car park once the new building established
	Matautu Lefaga Coastal Nature Reserve established	Partially Achieved	Reconnaissance survey completed
	Uafato Coastal Vegetation Restoration	Achieved	2,800 seedling dispatched for Uafato cca tree planting
	CCA	Achieved	Two Community Conservation Area are included in the 3 million tree campaign ie. Uafato and Malololelei recreation reserve
	CFW (Cash for Work)	Achieved	CFW project activities have completed their 3.4 ha of area restored and targeted to support the rehabilitation work for the Vaisigano catchment

	Number of Seedlings produced	Not Achieved	Produced 39,000 seedlings on annual basis including 11,000 dispatched for ecological restoration activities at ccas, stakeholders and DEC tree planting
Public Awareness & Community outreach programs (19 awareness programs delivered)	2 Community consultations for terrestrial conservation	Achieved	Completed 2 community consultation ON rat eradication project at Apolima island
	2 Terrestrial Biodiversity tours	Not Achieved	Postpone to FY23/24 Due to reallocation of funding support under the GCF-VCP
	National Biodiversity Day	Not Achieved	Rescheduled to commemorate during the National Environment Week 2023
	10 awareness and educational programs on Marine biodiversity and conservation	Achieved	Completed 18 public awareness & community outreach programs/training on marine biodiversity and conservation efforts (i.e. mangroves and coral reefs importance and restoration); 6 for schools, 11 communities and 1 with SPREP and villages under the PACRES Project
	Number of Environmental assessment and safeguard development proposals reviewed	Achieved	Fifty one (51) DC referral received from PUMA were assessed and submitted reviewed report to PUMA
Waste Awareness Programs	Achieved	Two (2) school awareness and three (3) community consultations conducted One (1) National Chemical Workshop conducted for Upolu Science Teachers on Science Laboratories Chemical Management Conducted community consultation on the user pay system initiative. Conducted public consultation on disaster waste management response plan. Conducted stakeholder consultation on the Circular Economy Policy for Waste Management. Conducted two (2) community awareness programs for Lotofaga and Leauvaa communities. Conducted stakeholder consultation on Waste Levy development	

6: FORESTRY DIVISION

The Forestry Division's (FD) functions are mandated and guided by the Forestry Management Act 2011. The functions include,

- Secretariat services to the Forestry Board Management of all types of forests, National Parks (O Le Pūpū Pue, Lake Lanotoo, Mauga o Salafai, and Masamasa-Falelima), Vaipouli State Forest land, Community Forestry woodlots and Agroforestry practices.
- Management of forestry nurseries and production of forest tree seedlings
- Forestry research and development for Sustainable Forests Management (SFM) and promotion of the importance of Wetlands conservation.
- Enforcement and monitoring of forestry harvesting operations assessing its compliance and ensuring the sustainable use of forestry resources.

The Division is the coordinating unit for the 3 Million National Tree Planting Campaign 2022 – 2028 which is supported by the National Forest Replanting funds by the government of Samoa. Continue to provide support for the existing projects within the Ministry especially in ecological restoration/tree planting components and supply of tree seedlings. GCF Samoa Integrated Flood Management to Enhance Climate Resilience for the Vaisigano River Catchment (VCP) Project

6.1 Effective and sustainable management of all types of forests

- 104.2 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.
- 232.54 hectares maintained in four National Parks and Vaipouli state forest land
- 201 new farmers registered and participated in the Community forestry programs including registrations from the 3 million national tree planting campaigns.
- 22 Pre-Harvest Inventories conducted and reported to assess forestry harvesting applications
- Awareness program continues on community forestry, agroforestry, forest conservation, forests and water, forests and climate change, etc, during MNRE national events, Forestry workshops and stakeholder's awareness days (e.g. MAF – Agriculture Show)

6.2 Strengthened research and development for sustainable forest management

- Vaa-o-Fonoti and internal consultation was conducted for the development and finalization of the Vaipu Survey Report and Management Plan
- Relevant stakeholders were engaged and participated

during the commemoration of WWD2023 on April 2023.

- Assessed biomass and carbon content of 11 trees through a series of activities: tree census, harvesting, sampling/specimen drying, regular weighing after drying, data recording, calculation, and database entry. Tree species evaluated include mosooi, laupapata, tufaso, asi manogi, masame, mamalava, Tavai, lusina, belina, puluvao, maota and fau.
- Conducted periodic monitoring for 7 Permanent Sample Plots (PSP) to analyze growth and survival rates. This involved 5 monitoring sessions for PIRFI plots at OLPP, 1 monitoring activity for both Masamasa Falelima NP and OLPP, and 1 monitoring session for Malololelei Recreational Park, 2 monitoring for PIFRI plots and 1 for KIWA plots at OLPP.
- Executed monthly monitoring for phenology studies, totaling 11 monitoring sessions across Malololelei and OLPP National Parks.
- Carried out periodic monitoring to monitor forest health for Vailima and Togitogina FD nurseries, and PIRFI PSP at OLPP.
- Continuously input new research data into the database upon completion of fieldwork.

6.3 Planning and policy framework for sustainable forests management

- 22 forestry harvesting layers/maps produced for the approved licences/permits issued; 3 maps produced of community forestry program (cfp) plots covering FY2015-2020; 2 regional maps produced (Savaii & Upolu); 19 maps produced of assessed plots (11 Districts, 6 CCAs, 2 NGOs and 1 combined map for the 3 million national tree planting campaign)
- 10 Sawmills inspected and registered to legally operate in the harvesting of forestry resources
- Twenty-two (22) out of thirty-six (36) Forestry Harvesting Licences and Permits approved and issued (15 licence, 7 permits) and also monitored
- Revenue of more than \$7,000 has been collected from forest harvesting applications, natural resources fees, and registration of portable sawmills
- Massive awareness program conducted on the Forestry Management Act 2011 and the 3 Million National Tree Planting Campaign;
- 3 workshops were conducted that shared information on the FM Act 2011 (2 national workshops – Savaii & Upolu; 1 sawmillers) on forest fees
- 3MTPC logo printed, 4 billboards developed, 3 brochures printed (3 Million brochures – Samoan & English; community forestry program (CFP))
- 2 pull-up banners (Sam/Eng), 2 TV live talk shows (TV2, TV3), 2 consultation workshops with beneficiaries (Savaii&Upolu) 2 consultation

workshops with MWCSO, 2 follow-up consultation visits with beneficiaries

- Ongoing coordination and monitoring of the 3 Million Tree Planting Campaign 2022 – 2028/National Forest Replanting program of planted areas and grants disbursed.

Other Tasks Affiliated:

- The commemoration of World Wetlands Day and

International Day of Forests for 2023 during the World Water, Wetlands and Forest Day on 4th April 2023.

- Ongoing implementation of the GCF Vaisigano Catchment Project which ended in June 2023
- PACRES funded activities for the project pilot sites – nursery upgrade for Maota
- National Forest Monitoring System and Forest Reference Level – using satellite images (FAO)

Key Performance Indicators and Results extracted from Budget FY22/23

Performance Measure / Indicator	Budget Standard	Traffic Light	Comments
• 6.1 EFFECTIVE AND SUSTAINABLE MANAGEMENT OF ALL TYPES OF FORESTS.			
Total number of Individual farmers/Societies registered and participated at Sustainable Agroforestry and Community Forestry Programme.	200	Achieved	<ul style="list-style-type: none"> • 201 farmers registered and participated in the Community Forestry and Agroforestry Program.
Updated Mauga o Salafai National Park Management Plan approved.	100% Completed.	Not Achieved	No fund under the Budget to hire a Consultant to review the Management Plan.
Total number of seedlings produced in 5 Forestry Nurseries.	500,000 Seedlings.	Not Achieved	387,539 seedlings raised and produced in Forestry in Five Nurseries (Vailima, Togitogiga, Maota, Vaipouli and Asau). The shortfall is due to the demands from the public.
Number of hectares planted under the National Replanting Program	886 ha planted.	Achieved	104.2 ha planted. This relied mostly on the commitments of the Customary Landowners.
Number of Hectares targeted for Invasive Species Management (Removal)	30 ha	Achieved	63 ha implemented under the Invasive Species Management.
Number of Hectares developed for Natural Regeneration of Forests.	30 ha	Not Achieved	14 ha managed under the forest-assisted Natural Regeneration, however it is also dependent on the commitments of the Landowners.
Masamasa Road Constructed.	100%	Not Achieved	There was no Budget Allocation for this KPI and the Ministry is looking for funding to upgrade the Masamasa Forest.
Togitogiga Office Re-constructed.	100%	Not Achieved	There was no Budget Allocation for this KPI and the Ministry is looking for funding to renovate the Forestry Office and Visitor Centre at Togitogiga.
6.2 STRENGTHENED RESEARCH AND DEVELOPMENT FOR SUSTAINABLE FOREST.			
Forests Phenology, Carbon Stock Assessment, and Assisted Natural Regeneration Research Reports developed and approved.	3 Research Reports.	Achieved	Achieved and Ongoing. 1. Research on Biomass and Carbon Stock estimate for 11 tree species. 2. Research Trial on Assisted Natural Regeneration of Forests for 7 PSP. 3. Forest Tree Phenology conducted on a monthly basis for 4 sites (2 in Savaii & 2 in Upolu).
Vaipu Wetland Assessment Report developed and approved.	100% Completed.	Achieved	District and internal consultation was conducted to finalize the Vaipu Survey Report and Management Plan. Both Reports were launched during the Commemoration of WWD 2023 in April 2023.
6.3 PLANNING AND POLICY FRAMEWORK FOR SUSTAINABLE FORESTS.			

Number of Forest Conservation/Production layers updated through Survey and Data Collection.	5	Achieved	Forest Map layers produced and completed through Survey Data and Monitoring.
Number of Forest harvesting License Permit approved and issued.	20	Achieved	22 Harvesting Licenses and Permits approved and issued.
Number of mobile sawmills registered and inspected.	8	Achieved	10 sawmills were registered and monitored.
Number of trees planted by all Stakeholders under the 3 Million Tree Planting Campaign (6 years)	553750	Achieved	720,674 seedlings planted by the MNRE and its Stakeholders under the 3 Million Tree Planting Campaign.
Number of Consultations and Awareness Programs conducted on forestry issues.	20	Achieved	21 Consultations and Awareness Programs conducted on Forestry Issues.
National Forestry Policy Framework updated and approved.	100% Completed.	Not Achieved	The Draft Forestry Policy is ready to be finalised and approved by the Cabinet.
Forestry Management Regulations approved.	100% Completed.	Not Achieved	Draft Forestry Management Regulations is in its final preparation before submission to Cabinet for approval.
Forestry Reference Level and Monitoring System developed.	100% Completed.	Not Achieved	Ongoing. The project funded by FAO that supports the development of the Forests Monitoring System and Forests Reference Level will be completed by the end of the year 2023.
Number of Forestry Harvesting Operations monitored and compiled.	20	Achieved	23 Forestry Harvesting Operations monitored for compliance.
National Forestry Inventory updated.	100% Completed.	Achieved	Ongoing. The National Forestry Inventory will be updated based on the outcome of the KPI 16 (Forest Monitoring System and Reference Level)

7: METEOROLOGY DIVISION

WEATHER SERVICES

- “Improve quality and accuracy of forecast products; enhance performance of the weather service staff”
- Effective weather forecasting and observation monitoring operation.
- Actively monitor regional and local synoptic situations which leads to timely weather forecast issuance.
- Consistently issued 4 weather forecasts (Public & Marine) daily including the translation of the Tokelau forecast.
- Monitored and collected hourly weather observation information.

Timely dissemination of weather forecast and high-quality observation services.

- Disseminated text messaging alerts for Warning and Advisory bulletins via Early Warning Forecasting Systems (IBL)
- Successfully coded and transmitted Meteorological Aerodrome Report (METAR).
- Monitored the data quality of 3-hourly synoptic reports collected, coded, and disseminated by the Meteorological Technicians.
- Circulated Severe Weather Information to focal points of all sectors via designated mailing list.
- Television Weather reports prepared, edited, and distributed effectively.
- Successful service delivery to website, YouTube channel, radio, social media platforms, and TV

Research and Case study

- Participate and contributed to regional research and peer-review writings. Author and co-author papers cited by the newly released IPCC report.
- Successfully compiled case studies for the Meteorology Division research group and meeting the regional requirements under the Severe Weather Forecasting Program of the WMO.
- Monthly preparation other weather summary by utilizing the forecasts and observations to explain weather phenomena that impact Samoa.

Sustainability of meteorological infrastructure and communication networks.

- Installation of new Ocean Monitoring Devices for the Va-i-nu’u and Taumeasina under the World Bank PREP Project managed by the Pacific Community (SPC)
- Consistently carried out quarterly maintenance (3 monthly) of the weather infrastructure network (Automatic Weather Stations, Ocean Monitoring Devices and Radar Wind Profiler) which included repairing communications faults and replacing integrated circuit parts from stations across Upolu and Savaii.
- Continuous effective operation and maintenance of Forecasting Systems VISUAL WEATHER and MOVING WEATHER
- Remote maintenance of the Himawari-Cast system in collaboration with Oriental Company

Community Outreach & School awareness Program

- Contributed regularly and actively in the CDCRM 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 gov-

ernment entities and the private sectors.

- An integral part of the awareness programs for Fagaloa villages in collaboration with the Samoa Red Cross Society (SRCS) under their ‘Early Warning, Early Action’ initiative
- Collaborated with the Samoa Fire and Emergency Services Authority (SFESA) on their awareness campaign funded by the Accident Compensation Corporation (ACC)
- Conducted regular school visits and tours to the forecasting and operations room.
- Attended several school open day and career day programs to gain more interest of high school students
- Special requests from in-country missions and local organizations for tour of the forecasting room and operations

Capacity Building.

- Engage staff 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 building forecasters or observers’ confidence through oral presentations.
- There were several official duty travel attended by lead forecasters and assistant forecasters through in-person training, conferences, and workshops.
- Forecaster and meteorological technicians received First Aid Training from the only recognized body in Samoa, the SRCS in December 2022

CLIMATE SERVICES

Upgrade Database Management System, Data Rescue and Data Digitization

- Ongoing management of rainfall and climate stations observation network. Encountered some issues that delayed monthly inspection and data collection, but managed to complete nonetheless.
- Attended the CLIDE training in April 2023, officers were trained on the new features of CLIDE, such as Quality checking of the data, Climate Normals tab and Rainfall intensity monitoring all within the CLIDE functions.

Capacity Building Opportunities

- Awareness Programs for villages.
- Able to attend community awareness programs in partnership with Red Cross (Early Warning Early Action – EWEA) which was conducted at six (6) villages: Sauano, Saletele, Musumus, Salimu, Taelefaga, Maasina, Lona, Samamea and Uafato, which took four (4) weeks to complete the program. The success of this program has drawn attention from other donors to continue the momentum with the initiative, attracting fundings from different projects.
- The capacity building trainings were conducted to improve skills on seasonal climate forecasting, and climate observations. In response, all climate officer had the opportunity to travel outside of Samoa in pursuit of improved knowledge on these thematic areas.
- We also had a chance to rekindle Traditional Knowledge work, by reaching out to SPREP and the TK coordinator, Siosina Lui to refresh the Samoa Meteorological Services on the core focus of this project. This workshop was conducted from the 27th –

29th of June 2023.

- This year, the Climate Section worked hand in hand with the team from the Bureau of Meteorology, Australia to have a one on one training with the new CLIDE functions, refresh on new EAR Watch features and also plan a workshop that invited all sectors vulnerable to rainfall extremes (both droughts and floods). The one-week program was from the 24th – 28th April 2023.
- The whole team attended online training on ACCESS-S model and how to access, interpret and utilize the different functionalities on the website. To name a few trainings:
- Basic Ocean Science: 11 October 2022
- Ocean and Climate Outlook Forum (OCOF): Introduction and Refresher: 12 October 2022
- CliDEsc and Pacific Climate Change Data Portal: 13 October 2022

Services for Multi-Sector decision making and planning

- Health and Climate Early Warning System (H-CLEWS) project is ongoing, and have finally been able to get assistance from NIWA as the technical assistant on delivering or perhaps laying a foundation on how to visualize this vision. Funded under the GCF Vaisigano project, the Technical Working Group (TWG) felt the need to reach out to other cross cutting projects to assist in the sustainability part of the project, in terms of infrastructure and capacity building. As of now, the TA have already done their first of three workshops, and aims to finish off the H-CLEWS prototype by March 2024.
- Revamped of the Water Model Balance with the Electric Power Cooperation (EPC) to assist the Afulilo Water Storage Outlook Model, in collaboration with the National Institute for Water and Atmospheric research (NIWA).
- Attended two (2) Pacific Island Climate Outlook Forums (PICOF), one in October 2022 to prepare regional Meteorology Services for the wet season, and another in April 2023, to prepare regional Meteorology Services for the dry season.
- Have successfully hired a Technical Assistant to be a focal point between the CLIMSA project managers and the Samoa Meteorology Office, Climate Services. This project aims to completely improve the climate services in all aspects, with sector focus on Agriculture, Fisheries and Disaster Risk Reduction (DRR). Currently designing an implementation plan on how to carry out all the deliverables, aiming to fully utilize resources and fund by 2025.
- Have also taken part in organizing a Post Wet season workshop, focusing mainly on gathering impacts from Sectors and aiming to share the seasonal climate outlook for the dry season 2023. This workshop ensured the continuing partnership existing between Samoa Meteorological Services and its stakeholders.
- Climate Staff have also taken part in collecting information from sectors and communities, especially weather and climate impact information, to help us understand truly how we can turn weather and climate forecasts into an Impact Based Forecast, ensuring people across all levels understand the information issued

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.
- Moving to review stories and manually upload all documents available after years of TK indicator collections.

OZONE SERVICES

- “Monitor the phase-out of consumption of Ozone Depleting and high Global Warming Potent substances in accordance with Samoa’s obligations under the Montreal Protocol on substances that deplete the Ozone Layer”
- In accordance with the Montreal Protocol guidelines there were three (3) concurrent projects implemented during the reporting period.
- Institutional Strengthening Project (ISP) Phase XI
- Hydro chlorofluorocarbon Phase out Management Plan (HPMP) Stage II
- Preparation of the Kigali Implementation Plan (KIP)
- The following sections provides details of achievements and highlights under each project.

Implementation of the Institutional Strengthening Project (ISP) Phase XI

- The implementation of the ISP Phase XI continues to progress positively despite setbacks during financial closing in the beginning of 2023. The following objectives were achieved during the reporting period:

Objective 1: Fulfilling data reporting obligations under the Montreal Protocol

- **Nationwide Data Collection 18th – 23rd August 2022 & 1-10 March 2023**
- In preparation of the annual data reporting for 2022, the Ozone Section collected data from importers and Customs on imports of ozone depleting substances and HFCs in August 2022 and March 2023. Subsequently this data was verified against data from exporters through the informal Prior Informed Consent (iPIC) mechanism.
- Samoa’s consumption for 2022 with the total amounts of HCFC 0.2856MT and HFC 1.9210 reflects Samoa’s unwavering commitment to be in compliance with the obligations under the Montreal Protocol. The annual consumption for 2022 is well within the reduction from the 4.6MT baseline of 35% and 65% for 2020 and 2025 respectively.
- The Country Programme Report and Article 7 data reporting obligations for 2022 were fulfilled.

Objective 2: Enforcement of the Ozone Layer Protection Regulations 2006 and the Meteorology, Geoscience and Ozone Act 2021

- a) **Controlled substances inspection 24th – 31st August 2022 & joint inspection with Energy Division 22nd to 25th May 2023**
- The Ozone Services continue to monitor the importation and handling of controlled substances in the Country. The inspections aimed to ensure all companies and technicians handling refrigerants are compliant with the Licensing System conditions. For instance, having the appropriate equipment and tools, secured storage and handling facility, valid license and so forth.
- To promote synergies with energy efficiency the Ozone Services team and the Energy Division of the Ministry of Finance join resources to conduct inspections from time to time.

b) Controlled substances licensing system

- In operationalizing the Controlled substances Licensing System, the Licenses Assessment Panel has met three times to assess applications received from importers and handlers of controlled substances. There were seven (7) import licenses for HCFCs, 8 licenses to import equipment containing refrigerants and 57 handling licenses issued during the reporting period.
- Exemption for use of Methyl bromide is still valid for quarantine pre-shipment fumigation only and there was no illegal trade identified.

c) Coordination of the National Ozone Steering Committee (NOSC)

- The NOSC met four times during the reporting period. Representatives from Government Ministries, Technical Training Institutions and the Private Sector provided excellent guidance to the Ozone Team in steering activities for the project.

Objective 3: Strengthening collaboration with stakeholders

a) Refrigeration and Air Conditioning Association of Samoa (RACAS) meetings

- As part of the ISP, the Ministry continued to provide assistance to the RACAS through hosting meetings and funding capacity building activities. Members of the RACAS are also given priority for training opportunities offered by the Ministry.
- During the reporting period the following meetings were conducted:
 - Five (5) Executive Meetings on the 05/09/22, 2/08/22, 28/02/2023, 21/04/23, 03/05/23
 - Two (2) General Meetings on the 7/09/22 and 5/05/2023
 - One (1) Annual General Meeting on the 8/03/2023

b) Coordination with Energy Division-MOF ongoing

- In keeping with the objectives of the Kigali Amendment, the Ozone Services Section worked in close collaboration with the Energy Division of the Ministry of Finance in monitoring appliances under the Energy Management Act 2020.

- Joint inspections were conducted where the Energy Division, Customs Department and the Ministry of Police, Prisons and Corrections, who are members of the Energy Efficiency Monitoring Team visited importing companies to identify energy efficient technologies and install labeling
- Furthermore, appliances that failed to meet the minimum energy efficiency standard or operated on banned ozone depleting substances were confiscated and placed at the Meteorology Division's storage to await a decision on whether to re-export or have them disposed. During the reporting period, none of the confiscated appliances were re-exported therefore the refrigerants were removed using a recovery machine operated by a certified technician before the appliances were disposed.

Objective 4: Promoting awareness on ozone preservation and reducing global warming

Commemorations of the World Ozone Day – 16 September 2022

- The World Ozone Day was commemorated by Samoa on the 16th September 2022 at the Meteorology Office, Mulinuu. The event was attended by more than 180 participants including stakeholders from Government Ministries, Public Sector, Technical Vocational Colleges and College students from around the country.
- The day was dedicated to the 35th anniversary of the Montreal Protocol with an emphasis on the global cooperation between the Nations around the Globe with the theme, "Global cooperation saving life on Earth"

World Met Day 23 March 2023

- In celebrating the World Meteorological Day, the Meteorology Division held an awareness program whereby staff who attended meetings, workshops and training overseas presented their lessons learnt and findings to MNRE staff.
- The Ozone Services staff took this opportunity to share the objectives of the Montreal Protocol and provided an update on new decisions and recommendations from the meetings they had attended.

Key Performance Indicators and Results extracted from Budget FY22/23

Performance Measure / Indicator	Budget Standard	Traffic Light	Comments
Number of daily public and marine weather bulletins	2000 marine weather bulletins issued	Achieved	• 2919 daily public and marine weather bulletins issued successfully by the IBL system
Number of daily Tokelau forecast translation	730 forecast for Tokeau issued	Achieved	
Number of daily aviation route forecast (COVID19 restrictions)	100 aviation route forecasts issued	Not Achieved	Did not implement this activity due to shortage of staffs. Removed from the FY23/24 KPIs
TV Weather reports	300 TV weather reports presented	Not Achieved	Improvement has been made with graphics and presentation of the TV Weather. Social media platforms such as YouTube and Facebook are additional communication channels as well as TV Weather report for the dissemination of daily weather forecast. Currently, the position with this role has been disestablished by the PSC, therefore, on duty forecasters undertook the workload.

Output Number of meteorological aerodrome reports (METAR) and special meteoroidal aero- drone reports for deteriorating weather (SPECI) submitted to WMO.	8800 Met Aerodrome reports submitted to WMO	Achieved	
Number of severe weather information bulletins issued	240 severe weather bulletins issued	Achieved	424 Severe Weather information bulletins issued. Trade wind pattern in the dry season with associated fresh to strong winds and elevated high swells increased the numbers of SWI issued this financial year.
Number of special weather bulletins issued	5 special Weather Bulletins (TC) issued	Not Achieved	Active and effective monitoring operation in the Wet Season even though there was no Tropical cyclone as the result of the La Nina ENSO status.
Technical Maintenance of Meteorological infrastructure status (%)	100% completed	Not Achieved	All maintenance planned for Meteorological infrastructure were carried out, however a number of stations still not fully maintained due to lack of available spare parts
Awareness campaign delivered	Awareness programs completed issued	Achieved	All awareness plans were delivered successfully.
Number of earthquakes bulletins issued	earthquake bulletins issued	Achieved	
Number of earthquake reports analyzed	2000 earthquake analysis reports issued	Achieved	
Number of Tsunami Bulletins Issued	8 tsunami bulletins issued	Achieved	
Number of Geotechnical investigations conducted	10 investigations conducted	Not Achieved	Drilling Rig not operational for some time requiring spare parts.
Number of Geo-magnetic weekly observations reports	52 Geo-magnetic observation reports developed	Not Achieved	Observation equipment maintenance, now back to normal
Number of Climate, Rainfall, seasonal outlook bulletin issues	50 Climate Outlook Reports issued	Achieved	All Early Action Rainfall Watch bulletins issued All seasonal Climate Outlook bulletins issued
Number of Ocean Outlook reports	12 Ocean Outlook Reports issued	Achieved	
Number of Climate Outlook Forum Regional meetings attended	12 Regional meetings attended	Achieved	
Annual Tropical Cyclone Outlook is issued on a financial year basis	1 TC Outlook issued	Achieved	
Number of licensed companies importing controlled substances under the Montreal Protocol and licensed technicians	57 handling licenses and 7 importing licenses approved for the FY	Achieved	
Number of Customs Training conducted for refrigerants monitoring	2 Trainings conducted for Customs officers and	Achieved	

	Customs brokers		
Number of Refrigeration and Air Conditioning Technicians training	2 RAC Training conducted	Achieved	
Amount of HCFC phased out	Consumption reduced from 4.6MT to 0.2856 Metric Tonnes in 2022	Achieved	
Implementation of MET Act (%)	50% implemented	Not Achieved	Ongoing activities
Construction and Launching of Seismic Operational Center	100% completed and launched	Not Achieved	In the Design and Supervision Phase for this project. Still in the negotiation phase with the identified Firm
Number of Ocean Acidification Monitoring reports developed	1 Ocean Acidification report developed	Not Achieved	Laboratory now established, capacity building of technical staffs completed, data collection now in the progress and planning for research is in the progress
Approved MHEWS policy framework in place	100% completed and launched	Achieved	
Commemoration of MET and Ozone Day	100% completed	Achieved	

8: WATER RESOURCES MANAGEMENT

With the re-opening of international borders and the restrictions exercised for COVID 19 relaxed and eventually removed, the implementation of activities delayed from previous years were slowly put back on track. Together with all the new target activities as highlighted for implementation within the reporting period. The government’s efforts in the protection and sustainable management of our water resources continue to focus on the four key areas of;

- Strengthening watershed conservation and management,
- Improving knowledge and understanding of water resources
- Improving the enabling environment for water resources management, and
- Strengthening community engagement and partnership.

In accordance with its mandate and priority areas identified in its Annual Workplan, many of the Key Performance Indicators were achieved within the planned timeframe while some identified challenges saw significant delays in the implementation of other activities.

The implementation of project activities also continues to be another focus of the Water Resources Division, specifically with the components which are in line with the water resources management mandate. These projects include the Green Climate Fund - Vaisigano Catchment Project (GCF-VCP), and the Pacific Resilience Program (PREP).

Key achievements within the Water Resources Management component are highlighted within this report, and tracked against the planned programs of the “*Budget Targets 2022-23*”, the “*Water for Life: Water, Sanitation & Hygiene Sector Plan 2020-2025*” as well as other identified government priorities.

8.1 Strengthening Watershed Conservation and Management

The main objectives under this component of the Water Resources Management output include;

- Demarcation and rehabilitation of degraded areas within watershed catchment areas,

- Development and implementation of Watershed Management Plans,
- Declare water reserves for rehabilitation and protection.

8.2 Improve Knowledge and Understanding of Water Resources;

As part of improving the knowledge and understanding of water resources, the main focus looks at;

- Establishment and expansion of the hydrometric network to collect information and data on water resources;
- Data management and analysis to inform policy formulation and decision making for WRM,
- Develop an early warning system for flood forecasting and management.

8.3 Improve the enabling environment for water resources management;

The policy and legal framework for water resources management focuses its activities around;

- Policy formulation and review;
- Administering of the Water Abstraction Licensing Scheme;
- Formulation and implementation of Water Resources Management Bylaws for villages and communities; and
- The compliance monitoring and enforcement of the principal Act and regulatory tools in place.

8.4 Strengthen community engagement in water resources management

One of the biggest objectives for water resources management in its efforts to protect and maintain sustainable water resources looks at the community awareness and support. For this component, the main objectives are;

- To develop and sustain partnerships with communities, CSOs, and NGOs; and
- To create awareness among the communities, and grassroot levels of water resources management.

Table 1: FY 2021-2022 Hectares Breakdown and Analysis

FY 22/23 Hectares breakdown and analysis (CCAs and NGOs)		
Watershed/sites	Hectares (Ha)	Analysis
Afiamalu Reserve	3.1 ha	2140 seedlings disbursed and planted within the Afiamalu reserve as part of the WRDs ongoing efforts in rehabilitating degraded areas within the upper catchments.
Afiamalu Methodist Reserve (GCF site)	3.36 ha	2100 additional seedlings disbursed and planted within the demarcated Methodist Reserve in Afiamalu.
Vini Fou (next to spring pool)	0.24 ha	150 seedlings disbursed and planted along the Vini Fou spring pool upon completion of their rehabilitation works for the village pool.
Papauta	0.3 ha	180 seedlings disbursed and planted along the riparian areas of the Vaisigano River in Papauta.

Vailele reserve	0.24 ha	150 seedlings were disbursed and planted in response to a request from a member of the public to rehabilitate his freehold land along the Vailele river.
Tanumapua Farms (Ah Liki Reserve)	0.24 ha	150 seedlings disbursed and planted along the riparian areas of the Fuluasou river in response to a request from the Ah Liki owned Tanumapua Farms.
Luatuanuu watershed reserve	0.48 ha	300 seedlings were disbursed and planted as part of the WRDs ongoing efforts in rehabilitating degraded areas within catchments in collaboration with communities and their water committees.
Malololelei Reserve	0.16 ha	100 seedlings were disbursed and planted in the Malololelei reserve as part of the WRDs ongoing efforts in rehabilitating degraded areas within the upper catchments.
Faleata College Reserve	0.1 ha	80 seedlings were disbursed and planted within the Faleata College compound along the river bank in collaboration with Conservation International as part of their awareness raising campaign.

Table 2- FY 22/23 Hectares breakdown and analysis (District level)

Watershed/sites	Hectares (Ha)	Analysis
Aleipata Itupa I Luga reserve	0.1 ha	MOU signed on the 20 th October 2022. A total of 3500 seedlings were disbursed within the reporting period on the following dates; <ul style="list-style-type: none"> - 1500 seedlings dispatched on the 07th Feb 2023 - 2000 seedlings dispatched on the 13th April 2023 The total hectares reported is only a reflection of area covered by the first lot of seedlings disbursed, i.e. 1500 seedlings. Verification of total coverage was conducted outside of reporting period.
Vaimauga 1 reserve	0.03 ha	MOU signed on the 27 th September 2022. A total of 2000 seedlings were disbursed on the 27 th March 2023. The total hectares reported is only a reflection of area covered by 500 seedlings which had already been planted and verified within the reporting period.
Sagaga 1 reserve	0.27 ha	MOU signed on the 27 th October 2022. A total of 5000 seedlings were disbursed within the reporting period on the following dates; <ul style="list-style-type: none"> - 2000 seedlings dispatched on the 06th Feb 2023 - 1000 seedlings dispatched on the 26th April 2023 - 2000 seedlings dispatched on the 07th June 2023 The total hectares reported is only a reflection of area covered by the first lot of seedlings disbursed, i.e. 2000 seedlings. Verification of total coverage was conducted outside of reporting period.
TOTAL	0.4 ha	

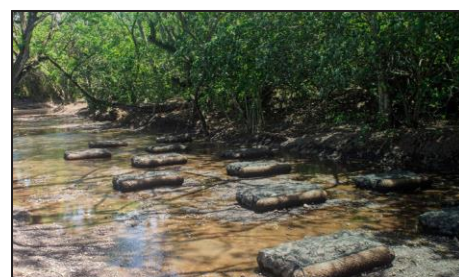
Table 3- 3 MILLION NATIONAL TREE PLANTING CAMPAIGN

Matafa'a reserve	5.73 ha	MOU signed on the 25 th May 2022. 3500 seedlings were disbursed within the reporting period. Total area covered in rehabilitation activities is 7.13 ha for Matafa'a catchment area with 2.4ha reported in the previous reporting period.
Vaito'omuli reserve	4.17 ha	MOU signed on the 25 th May 2022. 1400 seedlings were disbursed within the reporting period. Total area that has been rehabilitated to date is 8.17ha. Implementation and maintenance works are ongoing with support from the village water committee.
Sataoa reserve	3.25 ha	MOU signed on the 25 th May 2022. 3800 seedlings were disbursed within the reporting period. Total area that has been rehabilitated to date is 4.02ha. Implementation and maintenance works are ongoing with support from the village water committee.
Lepa reserve	2.62ha	MOU signed on the 25 th May 2022. 2500 seedlings were disbursed within the reporting period. Total are that has been rehabilitated to date is 5.91ha. Implementation and maintenance works are ongoing with support from the village water committee.
Nuusuatia reserve	1.81 ha	MOU signed on the 25 th May 2022. 2500 seedlings were disbursed within the reporting period. Total are that has been rehabilitated to date is 5.81ha. Implementation and maintenance works are ongoing with support from the village water committee.
Lotofaga Safata water reserve	3.6 ha	MOU signed on the 25 th May 2022. 2500 seedlings were disbursed within the reporting period. Total are that has been rehabilitated to date is 6.04ha. Implementation and maintenance works are ongoing with support from the village water committee.
FEPS NGO (Faleaseela)	4.41 ha	MOU signed on the 25 th May 2022. 2500 seedlings were disbursed within the reporting period. Total are that has been rehabilitated to date is 6.01ha. Implementation and maintenance works are ongoing with support from the village water committee.
Seventh Day Adventist (SDA) reserve - Saoluafata	2.81 ha	MOU signed on the 25 th May 2022. 2500 seedlings were disbursed within the reporting period. Total are that has been rehabilitated to date is 5.21ha. Implementation and maintenance works are ongoing with support from the village water committee.

Methodist congregation reserve - Afiamalu	4.99 ha	MOU signed on the 25 th May 2022. 5000 seedlings were disbursed within the reporting period. A total of 5.87ha has been rehabilitated to date within the Methodist reserve in Afiamalu.
Independent Water Schemes Association -intake area (Falevao, Leusoalii, Saoluafata, Aufaga & Lotofaga)	8 ha	MOU signed on the 25 th May 2022. IWSA Sites of rehabilitation; <ul style="list-style-type: none"> - 1000 seedlings dispatched to Aufaga old water reserve on the 10th August 2022 - 1000 seedlings dispatched to Sauniatu intake area on the 10th August 2022 - 1000 seedlings dispatched to Falevao intake area on the 08th August 2022 - 1000 seedlings dispatched to Leusoalii intake area on the 08th August 2022 1000 seedlings dispatched to Lotofaga site on the 06 th September 2022
Lalomauga reserve	0.4 ha	MOU signed on the 21 st September 2022. A total of 5000 seedlings were disbursed within the reporting period on the following dates; <ul style="list-style-type: none"> - 2000 seedlings dispatched on the 08th Feb 2023 - 2000 seedlings dispatched on the 12th April 2023 - 1000 seedlings dispatched on the 13th June 2023 The total hectares reported is only a reflection of area covered by the first lot of seedlings disbursed, i.e 2000 seedlings. Verification of total coverage was conducted outside of reporting period.
Tafitoala reserve	1.03 ha	MOU signed on the 02 nd November 2022. A total of 4000 seedlings were disbursed within the reporting period on the following dates; <ul style="list-style-type: none"> - 1000 seedlings dispatched on the 13th Feb 2023 - 3000 seedlings dispatched on the 18th April 2023
Leusoalii reserve	Nil	MOU signed on the 13 th September 2022. A total of 2000 seedlings were disbursed on the 09 th Feb 2023 and the verification of hectares covered was not completed within reporting period.
Falefa reserve	Nil	MOU signed on the 16 th September 2022. A total of 2000 seedlings were disbursed on the 08 th Feb 2023 and the verification of hectares covered was not completed within reporting period.
Total	51.04 ha	

Biolog Filter Project-

One of the greatest highlights within FY 22/23 was seeing the Biolog Filter Project come to fruition after significant delays due to the Covid 19 pandemic and the subsequent border closure. After almost 4 years of delay, the implementation of the project finally commenced in the end of 2022. This project uses coconut fibres as a form of filtration unit within the river systems to capture sedimentation as well as for erosion control along the river banks as piloted within the Fagalii river, and set to be completed within the next Financial Year 23/24.



Key Performance Indicators and Results extracted from Budget FY22/23

Performance Measure / Indicator	Budget Standard Or Target	Traffic Light	Comments
Number of Watershed Management plans approved.	3 WMPs approved (Maliolio, Nusuatia, Lepa)	Achieved	<ul style="list-style-type: none"> • WMPs for Lepa and Maliolio have been tabled and endorsed by the Water Resources Board. The Final Nusuatia WMP has been developed and will be tabled in the next sitting of the Board. Ongoing review of draft WMPs to ensure the activities are implemented accordingly and new priorities are identified and reflected in the WMPs
Output Number of Watershed Management Plans (WMPs) consulted and formulated.	2 New WMPs (Gataivai & Leusoalii)	Achieved	<ul style="list-style-type: none"> • 2 phases of consultations completed with Gataivai and Leusoalii communities as priority sites. Draft WMPs are now in place for the two catchment areas. • The verification of information in the draft WMPs is ongoing to be finalized and tabled in the Water Resources Board meeting for endorsement.

Cumulative total hectares of prioritised watershed areas rehabilitated and / or declared reserves through Community Conservation Area (CCA), NGOs and Cash for Works)	196 additional hectares (122,500 trees planted)	Not Achieved	<ul style="list-style-type: none"> 51.04 ha and a total of 49,550 seedlings dis-bursed and planted at 27 different sites/villages. (Matafaa, Vaitoomuli, Sataoa, Lepa, Nuusuatia, Lotofaga, Faleaseela (FEPS), Saoluafata (SDA), Afiamalu (Methodist), Lalomauga, Tafitoala, Leusoalii, Afiamalu Reserve, Afiamalu Methodist Reserve, Vini Fou, Papauta, Vailele reserve, Tanumapua Farms, Luatuanuu reserve, Faleata College reserve and 5 villages under the IWSA schemes). A detailed breakdown of the seedlings distribution and total coverage is highlighted in Table 2 below. There were issues with the spacing used to calculate the rehabilitated areas under water resources management as it was often less than 4m by 4m spacing due to the steep riparian terrain. 51.04 additional hectares rehabilitated
Total hectares of 5 District level Rehabilitation Programs achieved.	190ha (118,750 trees planted)	Not Achieved	<ul style="list-style-type: none"> 0.4ha and total of 10,500 seedlings dis-bursed and planted within the target Districts of Aleipata Itupa i Luga, Sagaga 1, and Vaimauga 1. Three out of the 5 target Districts were able to meet the timelines for project implementation of activities. 0.4 ha have been rehabilitated for 3 District communities
Number of seedlings disbursed for Nursery production.	250,000 seedlings	Not Achieved	<ul style="list-style-type: none"> A total of 60,050 seedlings were raised and disbursed from the Vailima nursery for servicing of community and village rehabilitation works and as part of the 3 Million Tree Planting Campaign.
Maintenance visits for Hydrometric Network	Minimum of 12 maintenance and monitoring visits	Achieved	<ul style="list-style-type: none"> Ongoing maintenance and monitoring visits carried out by the Hydrology Team. These are both for the surface water and groundwater stations. Ongoing monitoring and maintenance of hydrometric stations in Upolu are conducted on an as-needed basis. Special monitoring site visits lead by the division for ClimSA, NIWA, SPC and WRB. Monthly river monitoring/gauging completed for November, December, March, April and May. Installation of new telemetry rainfall station at Vaiaata was carried out in November 2022. Savaii hydrometric network monitoring and maintenance visits were conducted in 11th - 14th October 2022 and February 2023.
Flood warning system updated and expanded	Extension of FWS to LOA, Fuluasou and Gasegase	Achieved	<ul style="list-style-type: none"> The extension of the Flood Warning System to other river channels was not possible due to unavailability of funding for these works. However, 5 flood warning sirens were installed at Magiagi, Tanugamanono, Apia Park, Malifa and Loimata o Apaula
Number of Flood Incident Reports issued	Minimum of 6 reports completed	Achieved	<ul style="list-style-type: none"> Reports developed and shared with the relevant stakeholders. Situational Reports were prepared for flood events for the following dates; (27 October 22, 07 January 23, 23 February 23, 6 March 23, 18 April 23, 04 May 23 and 08 June 23)
Number of monitoring boreholes drilled and feasible for groundwater monitoring	2 new monitoring boreholes (Vailele and Faleolo)	Not Achieved	<ul style="list-style-type: none"> Groundwater monitoring borehole for Vailele has been established. Drilling for second GW monitoring borehole was not completed. Drilled borehole is now operational at a depth of 69m at an elevation of 24.4m This monitoring borehole will be useful to monitor water usage by the SWA production borehole established uphill to service the villages of Letogo and Vailele as well as the quality of the groundwater resources available within this area
Number of vulnerable flood risk areas rehabilitated /channelized (dredging and widening)	10 sites channelized	Achieved	<ul style="list-style-type: none"> 5 sites within the Gasegase and Vaisigano rivers channelized. The available budget allocation for these works only allowed for the completion of 5 sites. The channelization works are an effort to mitigate flooding impacts by deepening river channels through removal of sediment build up and elevating the rivers banks using the removed sediment. An MOU with Bluebird Construction Limited was signed on the 04th February 2023 for the channelization and deepening of the lower segment of the Vaisigano River.

9: DISASTER MANAGEMENT OFFICE

- Full transition from NEOC work to DMO normal duties.
- Fully functional and operational NEOC facility
- Successful coordination of COVID19 response operation by achieving the following that resulted in the high rate of vaccination completed for Samoa's eligible population,
- Successful coordination of operations to include the King Tide – July 14th 2022, Vailuluu seismic activity, Savaii flash floods
- Engaged TA to collate and compile the Covid-19 operation completion report on behalf of DMO
- TA was engaged in April 2023 to review and update the NDMP and draft the new National DRM Policy to complete services by December 2023
- Communication specialist TA engaged to conduct a diagnostic assessment of the ERN & ESN.
- 200 Braille DRM translated booklets were launched – the first of its kind in Samoa to support people with disabilities in particular the visually impaired community.
- Approval of the Communication/ERN Section recruitment of staff, Principal ERN and Senior Officer
- 12 villages completed the full CDCRM Programme

Key Performance Indicators and Results extracted from Budget FY22/23

Performance Measure / Indicator	Budget Standard	Traffic Light	Comments
National Disaster Management Policy developed	100%	Partially Achieved	<ul style="list-style-type: none"> Funding secured. TA selected to develop and draft the policy. The TA is contracted from 17 April to 22 December 2023. Targeting Dec 2023 or Jan 2024 to approve by Cabinet beforehand the process to consult the Disaster Advisory Committee (DAC) and the National Policy Coordination Committee (NPCC).
Disaster and Emergency Management Act 2007 reviewed and updated	100%	Partially Achieved	<ul style="list-style-type: none"> Funding secured. TA selected to conduct review and provide an Issues Paper or recommendations to the amendment of the Act. The TA is contracted from 17 April to 22 December 2023.
National Disaster Management Plan 2017-2020 & National Action Plan 2017-2021 reviewed and updated	100%	Partially Achieved	<ul style="list-style-type: none"> Funding secured. TA selected to conduct the review and up- date of the Plan. The TA is contracted from 17 April to 22 December 2023. Targeting December 2023 or Jan 2024 to approve by Cabinet beforehand the process to consult the Disaster Advisory Committee (DAC) and the National Policy Coordination Committee (NPCC)
National Tsunami & Tropical Cyclone Plan reviewed and updated	2	Achieved	<ul style="list-style-type: none"> Internal technical consultations completed. The SOPs finalized and completed. The review and updating of both Plans will enable once the national policy and plan is approved.
National School Toolkit reviewed and updated	1	Partially Achieved	<ul style="list-style-type: none"> Funding secured for a TA to conduct the review of the School Toolkit, work in progress
National Risk Standard reviewed and updated	1	Partially Achieved	<ul style="list-style-type: none"> The reviewed and updating of the NRS will enable once the national policy and plan is approved.
Implementation of the CD- CRM Program	15	Partially Achieved	<ul style="list-style-type: none"> 12 villages completed the full program. 3 villages remaining is scheduled for Dec 2023 – Jan 2024 due to last minute changes and unavailability from the villages.
Awareness Campaigns and Materials developed and disseminated	5	Achieved	<ul style="list-style-type: none"> Braille Materials developed and launched (both English & Samoan) distributed to the Blinds Association and NOLA. Tsunami Awareness campaign to 30 villages conducted in response to the Vailuluu situation. TV awareness campaigns on all television stations throughout the FY.
Mapping and Databases developed and updated		Achieved	<ul style="list-style-type: none"> Databases updated. 2 PCs procured to safeguard and centralized maps & databases (plans, mappings, evacuation centers, assets, materials)
Response Agency Toolkit reviewed and implemented	15	Achieved	<ul style="list-style-type: none"> Toolkit reviewed and updated. Train the Trainers conducted to all sectors and agencies. Response Plans drafted (MCIL, MESC, MNRE, OCLA, SFHA, WATSAN, National Disaster Waste Response Plan, 4 Mass Casualty Plans for Samoa Rugby Association, ACT Holdings Ltd, TV5,

Multi-hazard early warning systems operated and functional	2	Achieved	<ul style="list-style-type: none"> ERN & ESN networks operational and functional. TA selected to conduct the ERN & ESN Diagnostic Survey. ERN upgrading and maintenance ongoing for CHOGM in close collaboration with the MPMC and Australia APF. The South Sirens 18 out of 23 is functional. All 23 sirens needs replacement, 18 sirens also need replacement of aluminum brackets. 5 new sirens at the north has been installed and integrated.
Commemoration of World Tsunami Day & IDRR Day	1	Achieved	<ul style="list-style-type: none"> PacWave Exercise 2022 conducted to 5 villages at the Fagaloa area simulated a tsunami drill.
Operational DAC	3	Achieved	<ul style="list-style-type: none"> More than 3 DAC meetings and submeetings were conducted for COVID19 SOE, King Tide, Vaialuu & Savaii Flooding situations
NEOC SOP reviewed and updated	1	Partially Achieved	<ul style="list-style-type: none"> The review and updating will enable once the national policy and plan is approved.

10: WATER AND SANITATION SECTOR

Highlights

- WASH Communication Strategy was Launched on 27th, July 2022.
- National Effluent Discharge Standards (NEDS)
- Final Workshop in August, 2022.
- EU Delegation Site Visit in October 2022.
- Rapid Response Repair and Manufacturing for Disasters Training in March, 2023
- WASH School Awareness Campaign beginning with the Schools in Savaii in March, 2023.
- Review and Update of the National Water Services Policy

Key Performance Indicators and Results extracted from Budget FY22/23

Performance Measure / Indicator	Budget Standard Or Target	Traffic Light	Comments
WASH Sector Plan 2020/2021- 2024/2025 Endorsed by The CDC and Launched (NEW)	New KPI	Achieved	<ul style="list-style-type: none"> • Funding secured.100 per cent completed.
Implementation of The WASH Sector Plan	30% of the WASH Sector Plan 20/25 implemented	Achieved	<ul style="list-style-type: none"> • Funding secured.The year under review is the third year of implementation for the 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 JWSSSC meetings.
Review and Update of The Sector Capacity Building Strategy	Review and Update of the Capacity Building Strategy and Action Plan 2018-2021 completed	Achieved	<ul style="list-style-type: none"> • Funding secured.The Sector’s Capacity Building Strategy and Action Plan 2018-2021 is being implemented through mutual collaborations between the sector and the Oloamanu Training Centre. The “sectorwide 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 two (2) trainings have been conducted by Oloamanu during the financial year for IAs within MNRE which makes up a total of ten (10) trainings altogether with the trainings conducted within the financial year. This concludes the sector’s MoA with Oloamanu. A new and updated strategy which was conducted by a TA was conducted in June 2023 which sets out the Sector’s priorities and aligned to the WASH Sector Plan and will be implemented in the next financial year.
Updated National Sanitation Policy and National Water Services Policy Endorsed, Launched and Implemented (NEW)	New KPI	Partially Achieved	<ul style="list-style-type: none"> • The review and update of the National Sanitation Policy was completed within the financial year whereby consultations were carried out by the TA. The final policy will be provided for the endorsement of the JWSSSC, the National Policy Coordination Committee and Cabinet in the new year.
Updated National Effluent Discharge Standards Approved, Launched and Implemented (NEW)	New KPI	Partially Achieved	<ul style="list-style-type: none"> • The review and update of the National Effluent Discharge Standards was a new activity conducted under the Research Initiative Program of the sector.Now awaiting endorsement from the JWSSSC.
Regularity of NWSCC, JWSSC, TSC and	More than 80% of proposed meetings conducted with minutes and reports	Achieved	<ul style="list-style-type: none"> • Funding secured.Technical Steering Committee (TSC) meetings were held monthly throughout the year with a total of 8 TSC meetings held for FY2022/2023 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. The Joint Water and Sanitation Sector Steering Committee (JWSSSC) meetings were held

Subsector Committees' Meetings at 30 Meetings a Year	completed		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 this financial year
Annual Sector Performance Reviews Conducted	14th AR Event completed	Achieved	<ul style="list-style-type: none"> Funding secured. The Sector conducted its 15th Annual Review in October 2022
2 Sectors Research Papers Completed.	2 Researches conducted	Achieved	<ul style="list-style-type: none"> Funding secured. Research done by the SROS on creating a baseline data on the rainwater tanks water quality sampling was completed. Due to information gaps, the mapping of rainwater tanks was deferred to the next financial year until the census data on water tanks was finalized by SBS and fed into the mapping system.
Annual Monitoring of The Water and Sanitation Sector Projects (MDG), Initiatives and Programs.	Monitoring Report compiled and disseminated (3 visits p/ yea	Achieved	<ul style="list-style-type: none"> Funding secured. Monitoring and assessment of rainwater harvesting tanks and other programs still ongoing and held on a quarterly basis followed by site visits for steering committee meetings.
Implementation of The Sector Communication Strategy 2022-2025.	Review and Update of the Communications Strategy 17/18 completed	Achieved	<ul style="list-style-type: none"> The review and update of the WASH National Communications Strategy was completed and endorsed by the JWSSSC within the year. This work was funded by the Asian Development Program as part of its TA program for Strengthening WASH Practices and Hygiene Behavioral Change in the Pacific. The new strategy is called the WASH Sector's National Communications Strategy and Costed Implementation Plan 2022-2025. Additional awareness products created as part of this work includes a WASH Heroes Comic Book, mascots, stickers, wall planners and banners.
Quarterly Newsletters Issued.	4 newsletters	Achieved	<ul style="list-style-type: none"> A total of four (4) newsletters were issued and disseminated on a quarterly basis to the Sector's Implementing Agencies. The newsletters were also uploaded on the Ministry's website
DRM Trainings Conducted.	1 training	Partially Achieved	<ul style="list-style-type: none"> In collaboration with the Disaster Management Office, the sector was able to review and update its Disaster Management Plan 2014 with a draft now in place for the WASH sector's Disaster Risk Management Strategy 2022-2025. An inception workshop was conducted with all relevant IAs and stakeholders for the sector within the year with the finalization of the DRM to be done in the next financial year. 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.

11: INFORMATION TECHNOLOGY

Highlights- 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 Mulinu, and a Back-up server at Water Resource office, Vailima.
- Provided maintenance and support for 12 MNRE sites using Vodafone fibre, Samoa National Broadband Highway (SNBH) and Digicel.
- Ongoing maintenance and operation of 290 computer peripherals in the ministry.
- Ongoing maintenance and operation of 38 printers in the ministry.
- Ongoing maintenance and operation of VOIP/Telephone system network in the ministry.
- Ongoing maintenance and support of MET weather forecast and earthquake network.
- Ongoing monitoring and support of Ministry internet connection and speed through two ISP's Vodafone and Digicel.

Information Systems:

- 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

Achievements:

- Installed Biometric Finger Print System (MAIN OFFICE)
- Installed secondary internet connection Backup for redundancy and failover (Digicel)
- New Printers and Plotter
- Renew WatchGuard Firewall License
- New PC sets for staffs and new printers for divisions installed.
- Office Backup Vailima office.
- Conference System (Ricoh Whiteboard).

Key Performance Indicators and Results extracted from Budget FY22/23

Performance Measure / Indicator	Budget Standard	Traffic Light	Comments
Helpdesk and Hardware /Software support	100%	Partially Achieved	90% of the helpdesk issues resolve.
Security and Level of Maintenance of Systems, DKIF, Websites etc	90%	Achieved	Completed the ongoing maintenance and update of all information systems within the ministry: Website, SOLA/LIDAR, PostFix (Email), DKIF, Benefit Sharing (ABS), Finance One.
Maintenance of IT Network Operational and Infrastructure	100%	Achieved	Completed the ongoing maintenance and operation of 15 servers in the main office: systemservers, file servers, Firewall, Active Directory, DNS and Telephone System. - Daily monitoring of the systembackup. - 95% of the helpdesk issues resolve.
Upgrade security and licensing (Firewall, Antivirus, SSL)	100%	Achieved	Watchguard Firewall upgrade to the latest version (M570) to protect MNRE network from cyberattack and virus. Renew Trend Micro security antivirus license and SSL certificate to protect MNRE network servers and computers from viruses.
System back up and recovery	100%	Achieved	Data and systems backup it's an ongoing task. Data and systems backup daily, weekly and monthly.
ICT Inventory	100%	Achieved	Completed the ongoing monitoring and update of the ICT Inventory and the MNRE Network infrastructure.

CSU 1: LEGAL SERVICES

The Legal Services Division provides legal and policy advice to all divisions in the Ministry, the CEO and Minister. In the beginning of 2023, two new divisions were approved and this resulted in a total of 16 divisions under the mandate of the Ministry. The Legal Services Division currently has three (4) staff members which includes a Principal Legal Officer, a Legal Officer, a Senior Investigating and Compliance Officer and Office Assistant. The Assistant Chief Executive Officer resigned in April 2023 after the completion of her contract and the position has been vacant since then awaiting recruitment. The Senior Legal Officer commenced a one-year study leave from January 2023, to further studies overseas. This leaves only two lawyers carrying out the work of the Division. Fortunately, under the PSC internship program, the Division managed to hire one intern undertaking legal studies at the University of the South Pacific. The intern has provided support in administrative work to assist with the load of the two lawyers.

As a support service Division, the Legal Services handles all legal matters in the Ministry such as;

- Review and clearance of procurement documents, contracts and Variation;
- Review and clearance of various agreements including Memorandum of Agreements, License Agreements and Lease documents;
- Provision of sound legal advice and legal opinions;
- Conduct legal analysis and research on various legal matters of the Ministry;
- Oversee the accuracy and timely dissemination of legal interpretation and advice on cases and undertake prosecution of environmental offences;
- Provide strategic policy advice on all investigations, prosecutions and civil matters under the Ministry;
- Monitor and provide trainings for authorized officers;
- Draft, review and finalize legislative reviews of pending regulations and Bills under the Ministry;
- Identify and recommend areas of legal reforms and policy reviews of legislation administered by the Ministry
- Provide legal advice on Multilateral Environment Agreements and international negotiations which the Ministry is involved in based on international law and principles. In addition, assist with the domestication of international obligations under such agreements at the national level or national legislation.

An overview of the work conducted this year are highlighted as follows:

1. Alienation of freehold land applications – 37
2. Tenders and Bidding Documents – 59
3. Contracts (Consultancy, Goods and Services, General Services, Construction, Minor Works) – 64
4. Contract Variations – 23
5. Agreements (Memorandum of Agreements, Letter of Agreements, Maliega) – 18

The Ministry has a number of legislative reviews and legal reforms in the pipeline for finalization however this was impacted with the measles and COVID-19 lockdown which affected the country. The process resumed in early 2023 and the national stakeholder consultation for the Climate Change Response Bill was held on 14 April 2023. A legal consultant was engaged to finalize the draft Bill prepared from 2016, taking into account recent national priorities and developments. In May 2023, several one on one consultations were conducted with the Ministry of Finance, Public Service Commission and the Chamber of Commerce to clarify some of the key areas under the Bill.

The Environment Management and Conservation Bill was also reviewed and consultations were held to once again gauge final comments and feedback from stakeholders before the Bill was finalized. This has been a longstanding reform due to the challenges in harmonizing the legal mandate of the Bill and existing legislation and functions of other ministries and entities.

The stakeholder consultation was held on 26 May 2023 and a number of ministries made submissions on the Bill and its scope. An outcome of the consultations, led to the renaming of the Bill to the Biological Diversity Management and Conservation Bill. This was to avoid duplication of the use and legal meaning of the term ‘environment’ already under existing legislation. Further, it was to be consistent with the trend the Ministry has taken, in having each piece of legislation under the different thematic areas.

Both Bills are being finalized before it is submitted to the Office of the Attorney General for vetting and final endorsement.

The International Trade in Endangered Species Bill 2022 was submitted to the Office of the Attorney General in March 2022 and currently awaiting official endorsement.

As part of our role, our Division attended the final negotiations for the legally binding instrument on marine biodiversity on areas beyond national jurisdiction (BBNJ) in February 2022 and the first meeting of the International Negotiating Committee (INC1) to discuss a legally binding instrument for plastic pollution in November 2022 to provide legal advice on international law and policy and strengthen Samoa’s submissions and participation at these international forums.

Further, there is a shortage of lawyers across Government. There are a number of legal vacancies which have been advertised and without any applicants. This does raise a lot of concerns. The Legal Services Division is a young team and while it is currently staffed, it is normal for lawyers to move to higher positions and seek opportunities elsewhere. As such, it may be a challenge in the future to retain the current staff given the demand for lawyers and opportunities in higher roles available in other ministries and public bodies. Thus, there needs to be incentives to keep and motivate staff to continue to pursue careers in environmental law.

Key Performance Indicators and Results extracted from Budget FY22/23

Performance Measure / Indicator	Budget Standard	Traffic Light	Comments
Number of Legal Advices provided.	30	Achieved	<ul style="list-style-type: none"> Provision of Legal Advices is ongoing and both verbal and written. We have provided over 50 legal advices on various matters such as Land Registry issues, Customary Land Leases, Procurement process, Contracts, Forestry cases, Waste Regulations, Marine Protection, interpretation of different Acts under the Ministry.
Number of Alienation Applications – assessed and referred to the Minister for HOS Consent.	25	Achieved	<ul style="list-style-type: none"> Reviewed and cleared 43 HOS applications and referred for Minister's recommendation and HOS endorsement.
Number of Tenders reviewed and cleared.	Minimum of 50	Achieved	<ul style="list-style-type: none"> Prepared, reviewed and cleared 61 tender documents for contracts below \$50k and contracts above \$50k and require Tenders Board Approval. This includes tender for various contracts such as Consultancy, Maintenance Services, Works, goods and related services and minor works.
Number of Contracts, MOUs and Agreements reviewed and signed.	70	Achieved	<ul style="list-style-type: none"> Prepared, reviewed and executed: 61 contracts, 11 variations, 18 MOUs, 4 Agreements for Land Taken for Government developments. It is important to note here that the number of contracts and agreements are subject to the needs of the Ministry and legal contractual agreements it enters into and thus the number of output is based on the requests from the Ministry.
Trainings for Authorized Officers.	4	Not Achieved	<ul style="list-style-type: none"> The Senior Investigating and Compliance Officer position has been vacant since December 2021 and no trainings have been conducted during this period. The appointment is currently provisional on the 10/08/2023 Circular. Although no formal trainings were conducted, we have continued to liaise with divisions especially the Forestry Division offering guidance on the process for their investigations.
Number of Civil Matters in Court.	15	Achieved	<ul style="list-style-type: none"> There are over 20 pending litigation matters in court in which MNRE is involved in. Most of these matters are land cases.
Number of Environmental prosecutions referred to AG	2	Achieved	<ul style="list-style-type: none"> We have two prosecution cases under the Forestry Management Act 2011 referred to the AG's office for prosecution.
Number of Bills / Regulations in Draft – reviewed / finalized.	National E-Waste Reg National Ozone Regulations.	Partially Achieved	<ul style="list-style-type: none"> The preparation of the National e-waste regulation is subject to component under the E-Waste Plus Project. We have advised on the process for regulation. The TOR to recruit a legal consultant for the National Ozone Regulation is under review for tender.
Number of Bills Approved and refer to Parliament.	Alienation of Freehold Land Amendment Bill, EMC, Soil Bill, CITIES and Climate Change Bill.	Partially Achieved	<ul style="list-style-type: none"> The Alienation of Freehold Land (Terms of Sale of Freehold Land to Foreigners) has been submitted to Parliament. The Climate Change Bill is being revised after consultation with the Minister. The final draft will soon be referred to the Office of the Attorney General for review and clearance. Once official endorsement is sought, it will be referred to Parliament. The EMC Bill has now been renamed as the Biological Diversity Management Bill to best reflect its mandate and this follows the trend by the Ministry to have each piece of legislation under the different thematic areas such as forestry, water resources, disaster management. The revised draft is being finalized for final consultation with the Minister and then referral to the Office of the Attorney General. The International Trade in Protected Species Bill was referred to the Office of the Attorney General in March 2022 and we have received review on the Bill with comments for the Ministry to address. Once this process is completed and upon issuance of the Official Endorsement, the Ministry will proceed to refer Bill to Parliament.

CSU 2: CORPORATE SERVICES

1. HUMAN RESOURCES SECTION (ADMINISTRATION)

Table 1: Number of Staff per Division

Division	Number of Active Positions by 1 st July 2023	Occupied Positions	Vacant positions	Projects Positions	Part Timers	Total Active Position as of the 30 th June 2023	Disestablished position
CEO	4	3				3	1
MINISTER	6	6				6	
RED	8	4		3		7	1
CC&GEF	8	4		2	2	8	
ESCU	7	4		3		7	
IA	1	1				1	
LMD	29	26	2			29	
SIA	22	22				22	
DEC	42	27		15		42	
WASTE	26	26				26	
FOR	105	91	3	10		104	1
MET	49	45			3	48	1
WRD	43	33		10		43	
DMO	9	8			1	9	
WSCU	6	5	1			6	
ICT	7	7				7	
LSD	7	6			1	7	
CSD	48	45	3			48	
TOTAL	426	360	9	43	7	422	4

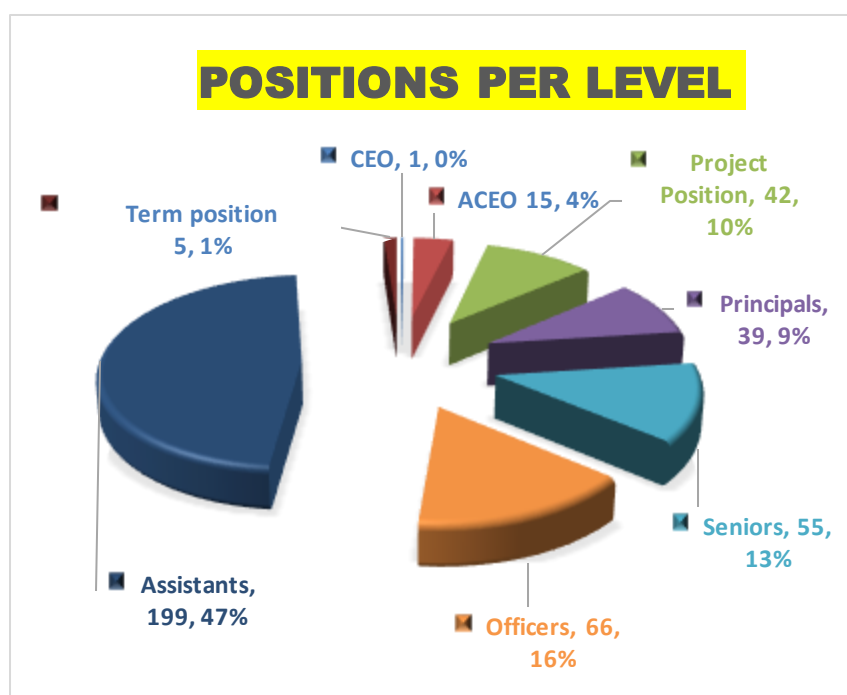
Total number of active positions within MNRE by the 1st of July 2023 was 426, including the interns. As of the 30th of June 2023, after PSC's phase one of their disestablished

Table 2: Gender Profile of the Ministry

GENDER PROFILE FOR FY2020/2021		
Male	280	67%
Female	132	31%
Vacant	9	2%
TOTAL	422	100%

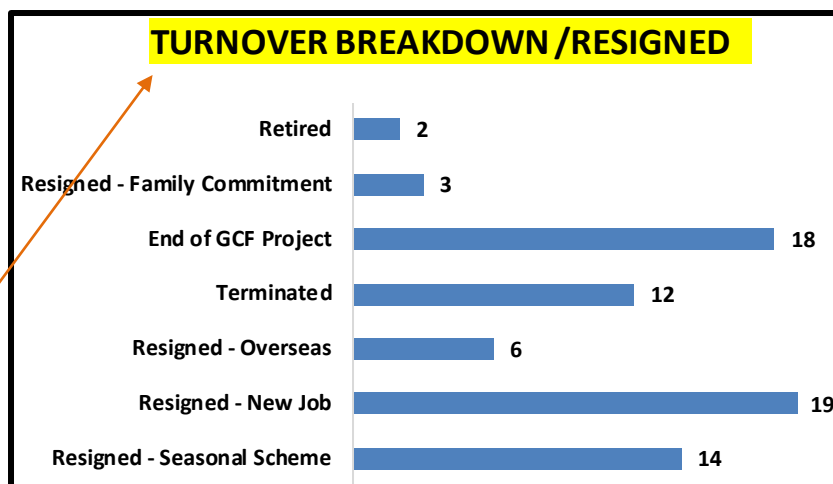
Table 3: Number of Positions per Level

CEO	1
ACEO & Technical Advisor	15
Project Positions	42
Principals	39
Seniors	55
Officers	66
Assistants	199
Temporary/Part Timers/Interns	5
TOTAL	422



Recruitment and Selection	Total Number
New Recruits (Permanent)	40
Part Timers	5
Extension Retirees	19
Reclassification	2

Staff Turnover	Total Number
Resigned	74
Terminations for Disciplinary	12
Retirement	2
Deceased	1
End Of Contract (Project)	18



Registered Assets	Number of Assets	Total Amount	List of Assets procured within this Financial Year (Refer Annex 2)
Total Asset as of FY22/23	213	\$1,052,040.08	
New Procurement (Local)	164	\$640,017.91	
New Procurement (Project)	9	\$412,022.17	
Vehicles FY22/23	1	\$120,000.00	

Irregularity Reports	
Vehicles	8
Fixed Asset (Weed eater)	1

2. HUMAN RESOURCE AND DEVELOPMENT SECTION (CAPACITY BUILDING)

In-House Training

- 6 Inductions Completed 5 In Upolu 1 in Savaii
- 4 staff meetings
- 5 Refresher trainings/CLS session on Procurement Process, Working Condition & Entitlements, Dress CODES, Official Travel Policy, TY process and etc.)

Overseas Trainings/Forums/Conference

- Monitor Staff Training & Scholarship Committee
- Assist staff with virtual online mode trainings

Environmental education and public awareness programs/initiatives

- Collected promotional materials from internal divisions for school and university career day.
- Assist walk-in students with their school Internal Assignments and school projects
- Attended Open & Career Day (Samoa College Career Day, JICA Alumni Association Career Day and USP Open Day)
- Organized internship programs for part time students

3. MEDIA & COMMUNICATION SECTION

- The Media and Communication Section is a newly established section in the Central Services Unit, its functions and roles were carried out by the Capacity Building Section and was officially removed in January 2023. The role of the Media and Communication Section is to lead, develop and deliver communication functions and management of the production of a range of media materials to effectively support the achievement of the Ministry's objectives and priorities to promote and influence the

community and uphold reputation among key stakeholders.

- Launched the Ministry's first Media studio.
- Provided media coverage for more than 100 events, trainings, meetings, workshops, functions, conferences etc coordinated, facilitated and hosted by the Ministry.
- Consistently updates the Ministry's Facebook and Instagram page with its events.
- Carry out weekly talk shows on the Ministry's Facebook page.
- Manages the Ministry's Calendar which is circulated weekly and it consist of its programs, training, workshops etc.
- Assist and work closely with the Capacity Building Section in organizing display booths for Career Days that the Ministry is invited to.

4. FINANCE SECTION

Table 1: Financial Performance

Summary Of Budget for Financial Year Ending 30th June 2023	
Total Approved Budget for Local Outputs & Below the Line	26,575,605.00
Annual Approved Budget for Local Outputs FY 2022-2023	14,142,472.00
Approved Personnel	10,450,026.00
Approved Operating	3,010,070.00
Approved Capital	682,376.00
Less Spending	14,075,631.00
Equal – Remaining Balance from Local Budget Output	66,841.00
Transactions On Behalf of The State	
Approved Budget for BTL FY2022-2023	12,433,133.00
Less Spending	10,471,556.00
Equal- Remaining Balance of BTL	1,961,577.00
Total Remaining Balance	2,028,418.00

Table 2: Not Tax Revenue Collection

Annual Recoveries for FY 22/23	4,260,982.00
Actual Recoveries Collected	6,516,761.00
Under Collection/ Over collection	2,255,779.00

1 Expenditures

The overall utilization for the Ministry budget both personnel and operations is at 99%.

a) Analysis on Output Expenditure (refer Table1)

- Note that all Outputs show total utilization (Personnel and Operations) which ranges from 99%-100%.

b) Transactions on Behalf of State

- Membership fees and grants shows and overall utilization at 94% (refer Table2)
- Low utilization is mostly from Conventions due to not submit of invoices.

c) Counterpart Costs (Refer Table 3)

- Total utilization at 87%
- Customary Land for Observation Stations and Towers remaining funds are for AWS stations to be surveyed.
- Roads for Land Board Leased land, remaining funds were due to Delay in Tender process of remaining works allocated for such funds.
- VAGST Output tax, remaining funds is for May-June 2023 tax, MOF to process.

d) Government Policies/Initiatives (Refer Table4 with comments)

- Total utilization at 87%
- Remaining funds are some of the events such as Biodiversity Day deferred to be held on the National Environment Week on November 2023. Funds requested to be roll over however

Ministry of Finance declined all Roll Over requests.

- Remaining funds from Waste Contract Budget due to the proposed of the inclusive of tax amount in the budget estimate.
- Funds left from the Electricity charges for Co-location of Digicel are for the unpaid months of April 2023 to June 2023 due to internal queries that need to be fixed by Digicel.
- Un-used funds from the National Forest Replanting are for the final grants of other Districts that haven't completed their final report as per MOU agreement signed.

e) Revenues (Refer Table 5)

- The Ministry collected 153% overall collection of its annual budget recoveries for the financial year.
- Output 3- Land Management - collection is 157% from Stamp Duty, Land valuation fee, customary land commission and Land leases payment for current and outstanding invoices.
- Output 5 – Environment Services collected 212% from waste fees and outstanding invoices paid.
- Output 6 – Forestry division collected 117% from permits.

Other outputs recorded low collection such as;

- Output 4 – Land Technical collections is 71% due to low requests of mapping, survey plan and decrease number of practicing fee and examination fee.
- Output 7 – Meteorological collected 31% of its revenue due to low demand for the use of drilling rig.
- Output 9 – Water Resources Division collections is 61%.

Key Performance Indicators and Results extracted from Budget FY22/23

Performance Measure / Indicator	Budget Standard	Traffic Light	Comments
Number of queries raised (and low high risk performance from Audit Management Report) for Effective Financial Operation/payment control	(1) Less than 20 queries; (2) Less than 5 low high risk performance from Audit Management Report; and (3) Quarterly Project accounting update	Achieved	<ul style="list-style-type: none"> Ministry's overall spending for this FY is at 99%. <ul style="list-style-type: none"> Personnel budget is at 99%. Operating Budget is at 170%. Below the budget line is at 84% and Capital Budget spending is at 99%. Only 2 committed payments that was deleted from the system at the end of FY, due to a systematical error and limited supporting documents Our performance from Audit Management during FY21/22 has medium risk in underachieved revenue but high risk in Debtors Collection of Long Outstanding receivables
(%) of Financial Recoveries (outstanding) achieved	(1) 20% recoveries achieved (outstanding); and (2) 100% revenue target collected	Achieved	Ministry Revenue Target have highly achieved by 169% however the recoveries of long outstanding debtors are at 24%. Delay payments processes and hardly to chase debtors account due to the absence of supporting documents from Divisions. We achieve our expected target for this year. We also manage to collected more than 10% of our long outstanding from the last

			past months
Frequency of updates to the list of procured and written-off assets	(1) Updated Leave and Attendance Records; (2) Updated Staff Payroll; (3) Robust and timely execution of R & S process; and (4) Timely submission of MNRE MQR reports to PSC	Achieved	The Asset team have conducted one asset visit to Savaii for 6 months (July2022-Dec 2022). During their visit they were able to identify assets that have to be written off, assets that active and new procured assets., submitted report to CEO for her approval
Compliance with Recruitment and Selection Process as measured by timeliness of recruitment and number of appeals and complaints received	(1) Updated 6-monthly Asset Management Reports	Achieved	1 appeal received, await PSC review
Number of in-house HR Refresher trainings conducted	(1) 5 In-house HR refresher trainings conducted; (2) Updated Training Database; (3) Annual Training Needs Analysis Survey using PAS; and (4) Timely submission of completed PAS to PSC	Achieved	6 Inductions Completed 5 In Upolu 1 in Savaii 4 staff meetings 5 Refresher trainings/CLS session on Procurement Process, Working Condition & Entitlements, Dress CODES, Official Travel Policy, TY process and etc.)
MNRE Corporate Plan, Service Charter and Workforce Plan developed and finalized AND Date by which MNRE Management Plan and Annual Report is approved	(1) MNRE Corporate Plan Launched; (2) Service Charter and Workforce Plan Launched; (3) submission of Budget; (4) submission of MNRE Management Plan; and (5) Timely preparation and submission of Annual Report.	Achieved	Service Charter and Workforce Plan-already developed and implemented, except Corporate Plan that is partially Achieved, currently await finalization of SOE and NESP. Annual Report for FY 20/21 and FY 21/22 is with Cabinet now for approval These students were recruited throughout the FY and were able to assist in all CSD sections due to the heed of short staff
Timeliness of completed PASS submission to PSC	(1) 50% Implementation of the Communication Strategy	Achieved	95% of the Ministry submitted Appraisals 5 % vacant positions
Date by which M&E Quarterly Reports (HRM) are submitted to PSC	(1) MNRE OHS policy approved; (2) 6-monthly Operational and Maintenance Reports` for MNRE Office Buildings and Assets	Achieved	So far, we have some vacant positions that are currently freeze due to PSC Commission's decision during their Organizational Review Assessment. These positions will be discussed again in Phase 2 or Phase 3. Also, not these freeze positions have no funds in F/Y 23-24 as the Ministry of Finance removed it from the budget due to miss communication with PSC, whereas Commission advise us to submit request to advertised most needed position to assist the workload, but unable to do so due to no funding support to fund position(s) if occupied.

ANNEX 1- APPROVED BUDGET FOR THE FINANCIAL YEAR 2022/2023

Extracted from Finance One system

Table 1: Output Expenditures

OUTPUTS PROVIDED BY MINISTRY	COST POOL	ACTUALS	UTILISATION %	FINAL BUDGET ESTIMATE	VARIANCE	ORIGINAL BUDGET
2810 - Policy Advice to the Minister of Environment	Personnel	839,731.00	100%	842,579.00	2849.00	740,690.00
	Operating	175,015.00	100%	174,830.00	-185.00	164,130.00
	Overhead	130,310.00	99%	131,245.00	934.00	128,317.00
	TOTAL	1,145,056.00	99%	1,148,654.00	3598.00	1,033,137.00
2820 - Ministerial Support	Personnel	185,218.00	97%	191,091.00	5873.00	239,025.00
	Operating	235,532.00	100%	235,532.00	-	150,322.00
	Capital	4,303.00	100%	4,304.00	1.00	
	Overhead	186,158.00	99%	187,493.00	1335.00	183,310.00
	TOTAL	611,211.00	99%	618,420.00	7208.00	572,657.00
2830 - Land Management	Personnel	1,044,534.00	99%	1,054,961.00	10,427.00	1,152,961.00
	Operating	144,713.00	99%	145,600.00	887.00	108,600.00
	Capital	61,000.00	100%	61,000.00	-	
	Overhead	148,926.00	99%	149,994.00	1068.00	146,648.00
	TOTAL	1,399,174.00	99%	1,411,555.00	12,381.00	1,408,209.00
2840 - Land Technical Services	Personnel	848,805.00	97%	878,695.00	29,890.00	878,695.00
	Operating	91,758.00	100%	92,183.00	6.00	91,760.00
	Overhead	111,695.00	99%	112,496.00	801.00	109,986.00
	TOTAL	1,052,258.00	97%	1,082,951.00	30,692.00	1,080,441.00
2850 - Environment Services	Personnel	1,216,436.00	99%	1,224,808.00	8372.00	1,375,970.00
	Operating	189,749.00	100%	189,880.00	131.00	164,880.00
	Capital	84,582.00	100%	84,582.00	0.00	
	Overhead	204,773.00	99%	206,242.00	1468.00	201,641.00
	TOTAL	1,695,540.00	99%	1,705,512.00	9971.00	1,742,491.00
2860 - Forestry Mgmt., Planning, Research Service	Personnel	1,452,312.00	99%	1,465,318.00	13,006.00	1,603,405.00
	Operating	293,077.00	100%	293,080.00	3.00	223,080.00
	Capital	68,032.00	100%	68,087.00	55.00	
	Overhead	204,773.00	99%	206,242.00	1,468.00	201,641.00
	TOTAL	2,018,194.00	99%	2,032,727.00	14,533.00	2,028,126.00
2870 - Meteorological, Hydrological, Geological	Personnel	1,414,733.00	101%	1,405,323.00	9410.00	1,474,628.00
	Operating	525,314.00	99%	458,250.00	-67,064.00	458,250.00
	Capital	68,871.00	99%	69,305.00	434.00	
	Overhead	223,389.00	99%	224,991.00	1601.00	219,972.00
	TOTAL	2,232,307.00	103%	2,157,869.00	-74,438.00	2,152,850.00
2881 - Sustainable Water Resources Mgmt.	Personnel	818,478.00	100%	822,462.00	3984.00	899,700.00
	Operating	153,769.00	94%	163,540.00	9,771.00	119,790.00
	Capital	33,487.00	99%	33,488.00	1.00	
	Overhead	204,773.00	99%	206,242.00	1468.00	201,641.00
	TOTAL	1,210,508.00	99%	1,255,732.00	15,224.00	1,221,131.00
2882 - Disaster Management	Personnel	479,748.00	96%	497,338.00	17,590.00	593,938.00
	Operating	221,991.00	100%	222,948.00	957.00	165,348.00
	Capital	39,000.00	100%	39,000.00	-	
	Overhead	148,926.00	99%	149,994.00	1,068.00	146,648.00
	TOTAL	889,665.00	98%	909,280.00	19,615.00	905,934.00
2883 - Water Sector Co-ordination Unit	Personnel	329,744.00	96%	342,713.00	12,969.00	344,663.00
	Operating	620,601.00	101%	615,928.00	-4674.00	733,475.00
	Capital	110,565.00	93%	119,497.00	8932.00	
	Overhead	148,926.00	99%	149,994.00	1068.00	146,648.00
	TOTAL	1,209,836.00	99%	1,228,131.00	18,295.00	1,224,786.00
2884 - Information and Communication Technology	Personnel	327,911.00	97%	336,579.00	8668.00	429,379.00
	Operating	76,245.00	100%	76,270.00	25.00	42,270.00
	Capital	58,799.00	100%	58,800.00	1.00	
	Overhead	148,926.00	99%	149,994.00	1068.00	146,648.00
	TOTAL	611,881.00	98%	621,643.00	9,762.00	618,297.00
2891 - Central Services Unit 1	Personnel	215,655.00	99%	216,739.00	1084.00	254,929.00
	Operating	53,257.00	99%	53,840.00	584.00	22,700.00

	Capital	34,851.00	100%	34,853.00	2.00	
	TOTAL	303,763.00	99%	305,432.00	1669.00	277,629.00
2892 - Central Services Unit 2	Personnel	1,162,740.00	99%	1,171,419.00	8679.00	1,159,122.00
	Operating	285,694.00	99%	288,612.00	2918.00	242,612.00
	Capital	109,379.00	100%	109,460.00	81.00	
	TOTAL	1,557,813.00	99%	1,569,491.00	11,678.00	1,401,734.00

**Transactions on Behalf of the State: Annual Review FY 22-23
Cost Breakdown extracted from Finance One system**

Table 2: Membership Fees & Grants

DESCRIPTIONS	ACTUALS(\$)	ORIGINAL ESTIMATE(\$)	UTILISATION %	FINAL ESTIMATE(\$)	FUNDS REMAIN.(\$)	Comments
D08 - World Meteorological Organization	40,125.00	40,125.00	100%	40,125.00	0	On Target
D29 - Union Conservation of Nature, International	35,997.00	36,000.00	100%	36,000.00	3.00	On Target
D30 - SPREP Work Programmed	121,693.00	122,000.00	100%	122,000.00	307.00	On Target
D31 - UNFCC	0	1000.00	0%	1,000.00	1000.00	No invoice submitted
D51 - Biological Diversity Convention	0	609.00	0%	609.00	609.00	The invoice is yet to receive from the secretariat of the Convention
D54 - Rotterdam Convention	0	2000.00	0%	2000.00	2000.00	No invoice submitted
D55 - Migratory Species Convention	0	500.00	0%	500.00	500.00	No invoice submitted
D57 - UN Convention to Combat Desertification	0	500.00	0%	500.00	500.00	No invoice submitted
D58 - UN Environment Programmed (UNEP)	583.00	1000.00	58%	1000.00	417.00	The invoice is yet to receive
D59 - Stockholm Convention (US1500)	0	1300.00	0%	1300.00	1300.00	No invoice submitted
D60 - Basel Convention (US 1000)	0	1500.00	0%	1500.00	1500.00	No invoice submitted
D76 - Commonwealth Forestry Association - London	665.00	998.00	67%	998.00	333.00	Remaining from the invoice
D77 - Asian Pacific Association of Forestry Re	0	200.00	0%	200.00	200.00	No Invoice submitted
D92 - RAMSAR Convention	2900.00	2900.00	100%	2900.00	0.00	On Target
D98 - Waigani Convention (US 1500)	544.00	2800.00	19%	2800.00	2256.00	Remaining balance from invoice
E02 - CITES - Trust Fund	0.00	300.00	0%	300.00	0.00	No invoice submitted
E03 - IRENA - International Renewable Energy Agency	557.00	600.00	93%	600.00	43.00	Remaining from invoice submitted
E34 - Minamata Convention	0	2000.00	0%	2000.00	2000.00	No invoice submitted
Total	203,064.00	216,332.00	94%	216,332.00	12,968.00	

Table 3: Counterpart Costs

DESCRIPTIONS	ACTUALS	ORIGINAL ESTIMATE	UTILISATION %	FINAL ESTIMATE	FUNDS REMAIN.	Comments
G23 - Rents & Leases	694,776.00	694,776.00	87%	694,776.00	0.00	On Target
G46 - Customary Land for Observation Stations and Towers	24,672.00	51,000.00	48%	51,000.00	26,328.00	Remaining balance for AWS stations to be surveyed
G63 - Co-location Digicel lease	151,119.00	151,200.00	100%	151,200.00	81.00	On Target
J46 - Roads for Land Board Leased Lands	240,765.00	500,000.00	48%	500,000.00	259,235.00	Delay Tender process for remaining works
Q01 - VAGST Output Tax	1,327,977.00	1,406,585.00	94%	1,406,585.00	78,608.00	MOF to process remaining tax
Total	2,439,309.00	2,803,561.00	87%	2,803,561.00	364,252.00	

Table 4: Government Policies/Initiatives

DESCRIPTIONS	ACTUALS	ORIGINAL ESTIMATE	UTILISATION %	FINAL ESTIMATE	FUNDS REMAIN.	Comments
G70 – Pacific Water and Waste Water Office Lease	100,000.00	100,000.00	100%	100,000.00	0	On Target
L18 - Biodiversity Day	0.00	20,000.00	0%	20,000.00	20,000.00	Biodiversity event proposed to be held during Environment week in Nov 2023
L19 - World Water Day	17,875.00	20,000.00	89%	20,000.00	2125.00	Remaining balance from the event expenses
L20 - World Wetlands Day	12,907.00	20,000.00	65%	20,000.00	7093.00	Remaining balance from the event expenditures.
L21 - Sanitation Day	19,118.00	20,000.00	96%	20,000.00	882.00	Remaining balance from the event expenditures.
L23 - UNCCD Land Day	19,636.00	20,000.00	98%	20,000.00	364.00	Remaining balance from the event expenditures.
L25 – Energy Day	12,992.00	15,000.00	87%	15,000.00	2008.00	Remaining balance from the event expenditures.
Q19 - Waste Management Service Contracts	3,360,451.00	4,221,355.00	80%	4,221,355.00	860,904.00	Budget proposed the inclusive of tax amount
Q20 - Land Compensation	2,000,000.00	2,000,000.00	100%	2,000,000.00	0	On Target
Q35 - Land Registration / Leasing Commission	65,395.00	66,000.00	99%	66,000.00	605.00	Remaining balance from invoice received
Q46 - Sludge Maintenance Contract (Upolu Savaii)	133,148.00	164,100.00	81%	164,100.00	30,952.00	Remaining balance for June invoices
Q56 - Plumbers Association	9,195.00	10,000.00	92%	10,000.00	805.00	Remaining balance from invoice received
Q57 - National Environment Week	0.00	40,000.00	0%	40,000.00	40,000.00	National Environment will be held on Nov 2023.
Q58 - Customary Land Advisory Commission	206,996.00	205,000.00	101%	205,000.00	-1996.00	Over-spent by personnel
R57 - Water Sector Annual Review	18,842.00	20,000.00	94%	20,000.00	1159.00	Remaining balance from the Annual Review expenditure
R58 - Water Sector Research Initiative & Impact Assessment	7,537.00	40,000.00	19%	40,000.00	32,463.00	Activities hasn't completed
R76 - Public Toilet Maintenance and Cleaning	319,784.00	319,784.00	100%	319,784.00	0.00	On Target
R77 - Millennium Development Goals	14,964.00	15,000.00	100%	15,000.00	36.00	On Target
S11 – Lawn Maintenance	243,937.00	245,000.00	100%	245,000.00	1063.00	Remaining balance from contract payments
S29- Garden Toilets	20,000.00	20,000.00	100%	20,000.00	0.00	On Targets
S53 – Technical Assistance/Professional Service-Water Sector	344,357.00	345,000.00	100%	345,000.00	643.00	Remaining balance from Technical assistance expenditures
S54 – Rainfall Harvesting Program	148,487.00	150,000.00	99%	150,000.00	1,513.00	Remaining balance from Rainfall harvesting expenditures
S55 – Land Compensation – Water Sector	500,000.00	500,000.00	100%	500,000.00	0	On Target
S86 – Regulator (Annual Fees)	0.00	32,000.00	0%	32,000.00	32,000.00	No Invoice submitted.
S95 – Electricity Bill for Digicel Post	49,498.00	105,000.00	47%	105,000.00	55,502.00	April –June invoices not yet to receive due to internal queries that need to be fixing by digicel.
U80 - National Forest Replanting	435,503.00	500,000.00	87%	500,000.00	64,497.00	Remaining balance for final payment of other district that hasn't submitted their report
Total	\$8,060,622.00	\$9,213,239.00	87%	\$9,213,239.00	\$1,152,618.00	

Table 5: Revenues

REVENUES	ACTUALS	UTILISATION %	REVENUE TARGET	OVER/(UNDER)
2830 - Land Management	6,285,481.90	157%	4,000,000.00	2,285,481.00
2840 - Land Technical Services	27,137.50	71%	38,149.00	(11,011.50)
2850 - Environment Services	145,864.00	212%	68,851.00	77,010.00
2860 - Forestry Mgmt, Planning, Research Service	12,100.00	117%	10,322.00	1,778.00
2870 - Meteorological, Hydrological, Geo- logical	42,177.60	31%	137,060.00	(94,882.00)
2881 - Sustainable Water Resources Mgmt	4,000.00	61%	6,600.00	(2,600.00)
TOTAL	6,516,761.00	153%	4,260,982.00	2,255,779.00

Table 6: General Ledger

GENERAL LEDGER SUMMARY	ACTUALS	UTILISATION %	BUDGET	FUNDS REMAIN.	FULL YEAR BUDGET
Output Provided by Ministry	14,075,631.00	99.5%	14,142,472.00	66,841.00	14,142,472.00
Transaction on Behalf of the State	10,471,556.00	84%	12,433,133.00	1,961,577.00	12,433,133.00
TOTAL	24,547,187.00	92%	26,575,605.00	2,028,418.00	26,575,605.00

Table 7: Budget Summary

SUMMARY BY BUDGET CATEGORY	ACTUALS	UTILISATION %	BUDGET	FUNDS REMAIN.	FULL YEAR BUDGET
CAPITAL - Capital	672,869.00	99%	682,376.00	9507.00	682,376.00
OPERATING - Operating	3,066,715.00	102%	3,010,070.00	(56,645.00)	3,010,070.00
PERSONNEL - Personnel	10,336,045.00	99%	10,450,025.00	113980.00	10,450,025.00
TOTAL	14,075,629.00	99.5%	14,142,471.00	66,842.00	

ANNEX 2- MNRE ASSET MANAGEMENT

Asset Register for Government of Samoa

Assets as at 07-May-2024 15:04:28

No. of Assets : 99		979,659.88					
Asset Number	Asset Description	Current Cost	Category Description	Asset Location	Asset Custodian	Old Asset Number	
1	NE-004439	Phone C/less Uniden DECT 10158B	110.87	Office Equipment	FMFM11 - Minister Office	Minister Office	NE-22/145
2	NE-004483	2 TRANSCEND 2TB HARD DRIVE (\$499 per drive)	998.00	Office Equipment	Tuagaimato - DMO Division	ACEO DMO	NE-22/189
3	NE-004484	TRANSCEND 2TB HARD DRIVE	499.00	Office Equipment	TATTE - CEO Office	CEO	NE-22/190
4	NE-004487	Akira Air- Con Unity 24000btu	2,850.00	Plant & Equipment	Tuagaimato - DMO/ NEOC Building	ACEO DMO	NE-22/193
5	NE-004488	TCL Air-Con unit 24000btu	1,670.00	Plant & Equipment	Tuagaimato - DMO/ NEOC Building	ACEO DMO	NE-22/194
6	NE-004489	2 Garmin GPS 65s (\$2,399 per GPS) A-B	4,798.00	Office Equipment	TATTE - Water Resources Division	ACEO Water Resources Divison	NE-22/195
7	NE-004490	Garmin GPS 65s	2,399.00	Office Equipment	TATTE - DEC	ACEO DEC	NE-22/196
8	NE-004491	7 Garmin GPS 65s (\$2,399 per GPS)	16,793.00	Office Equipment	TATTE - Forestry Division	ACEO Forestry	NE-22/197
9	NE-004492	8 Large Format Display Screens 55" (\$7,332.45 per screen)	58,579.60	Office Equipment	Tuagaimato-NEOC Building	ACEO DMO	NE-22/198
10	NE-004493	Videowall Control PC/ Server	6,496.57	Computer Equipment	Tuagaimato - NEOC Building	ACEO DMO	NE-22/199
11	NE-004494	Videowall Control Monitor	1,387.75	Computer Equipment	Tuagaimato - NEOC Building	ACEO DMO	NE-22/200
12	NE-004495	Dell OptiPlex i7-11700 Computer Set with UPS	5,619.00	Computer Equipment	TATTE - Forestry Division	Senior Forestry Officer	NE-22/201
13	NE-004496	Akira AC S24CRV	4,140.00	Plant & Equipment	Faleolo Office	MET Division	NE-22/202
14	NE-004497	Dell 3520 Business Notebook i7-1165G7	5,600.00	Computer Equipment	TATTE - RED-IMPRESS PROJECT	Principal Procurment	NE-22/203
15	NE-004499	KARCHER K4 1MTH WRNTY	1,350.00	Plant & Equipment	Togitogiga - Forestry Office	ACEO Forestry	NE-22/205
16	NE-004500	KARCHER K4 1MTH WRNTY	1,350.00	Plant & Equipment	Vailima - Forestry Division	ACEO Forestry	NE-22/206
17	NE-004501	HAND TOOL CASE 70pcs TRAMONTINA	1,280.00	Plant & Equipment	TATTE - Technical Division	Petania Tuala	NE-22/207
18	NE-004502	Dell Precious 3560 Workstation Core-i7	7,199.00	Computer Equipment	TATTE-IMPRESS PROJECT	ROLAND SETU	NE-22/208

19	NE-004503	ADATA 5TB EXTERNAL HDD	950.00	Office Equipment	TATTE-IMPRESS PROJECT	ROLAND	NE-22/209
20	NE-004504	ADATA 5TB EXTERNAL HDD	950.00	Office Equipment	TATTE-IMPRESS PROJECT	IMPRESS STAFF	NE-22/210
21	NE-004505	Cooler Box 60l Wheels	250.00	Office Equipment	TATTE - IMPRESS PROJECT	IMPRESS staff	NE-22/211
22	NE-004506	RICE COOKER	120.00	Office Equipment	TATTE - IMPRESS PROJECT	IMPRESS staff	NE-22/212
23	NE-004507	ELECTRIC SKILLET BLACK / RED	195.01	Office Equipment	TATTE - IMPRESS PROJECT	IMPRESS staff	NE-22/213
24	NE-004508	Epson V11H988053 EB-992F	3,995.00	Office Equipment	Tuanaimoto-DMO-PREP PROJECT	ACEO DMO	NE-22/214
25	NE-004519	TP-Link Gigabit WiFi Router	389.00	Office Equipment	Tuagaimato - DMO/ NEOC	ERN Section	NE-23/01
26	NE-004520	40 ft container with 3 phase power box, outlet and interior lighting installed, weatherproof paint job/ inside and outside& sky lights throughout the container	20,000.00	Plant & Equipment	Tafaigata-DEC	ACEO-DEC	NE-23/02
27	NE-004521	Dell Precision 3560 workstation Core i7-1185G7 1TBGB SSD 16GB Laptop	7,654.00	Computer Equipment	TATTE - Water Resources Division	Principal Watershed Officer	NE-23/03
28	NE-004522	MNRE 01 : HILUX 2.4L DIESEL 6 SPEED MT 5 SEATER 4WD DOUBLE CAB STD change Plate from MNRE 01 to MNRE 21	93,500.00	Motor Vehicles	WRD - ACEO	CEO MNRE	NE-23/05
29	NE-004523	TP-Link Archer C20 AC750 Wireless Dual Band Route	290.00	Office Equipment	Vailima - Forestry Division	Forestry Staff	NE-23/06
30	NE-004524	Midea Bar Fridge/Freezer 91Lt	699.00	Office Equipment	Mulinuu - MET Division	ACEO MET	NE-23/07
31	NE-004525	COSMIC 2 A3 LAMINATOR - FELLOWES	399.00	Office Equipment	TATTE - IMPRESS Project	IMPRESS staff	NE-23/08
32	NE-004526	2- ADATA 2TB SLIM EXTERNAL HDD (\$450 per drive)	900.00	Office Equipment	TATTE - IMPRESS Project	IMPRESS staff	NE-23/09
33	NE-004527	TP-Link TL-SG100D 8-Port Unmanaged Switch	165.00	Office Equipment	TATTE - CEO Office	CEO Office	NE-23/10
34	NE-004528	TP-Link TL-SG1008D- 8-Port Gigabit Switch	165.00	Office Equipment	TATTE - ICT Division	ICT	NE-23/11
35	NE-004529	ANGLE GRINDER 100MM 4" GA4030 MAKITA _P1	299.00	Plant & Equipment	Tafaigata - DEC	Waste Management Section	NE-23/12
36	NE-004530	LADDER 300lbs F/GLASS ORANGE WERNER	1,550.00	Plant & Equipment	Tafaigata - DEC	Waste Management Section	NE-23/13
37	NE-004531	GENERATOR GT2600 15L ELECT STRT GT POWER	1,899.00	Plant & Equipment	Tafaigata - DEC Division	Waste Management Section	NE-23/14

38	NE-004532	DRILL HAMMER HIGH SPEED 13MM MAKITA_PI	420.00	Plant & Equipment	Tafaigata - DEC Division	Waste Management Section	NE-23/15
39	NE-004533	2 ADATA 1TB DURABLE HDD	698.00	Office Equipment	TATTE - Forestry Division	GIS Section	NE-23/16
40	NE-004537	Atlas Telescope Pole Saw	250.00	Plant & Equipment	Vailima-Water Resource Division	ACEO- WRD	NE-23/20
41	NE-004538	2 ADATA 4TB SLIM EXTERNAL HDD(\$699 per Hard drive) A-B	1,398.00	Office Equipment	TATTE-DEC	Chemical and Hazard Section	NE-23/21
42	NE-004539	2 Garmin Etrex 10 GPS(\$599 per GPS)A-B	1,198.00	Office Equipment	TATTE-DEC	Chemical and Hazard section	NE-23/22
43	NE-004540	White board mobile Lacquered 1200*1800mm	1,850.00	Office Equipment	Tafaigata-DEC	Chemical and Hazard section	NE-23/23
44	NE-004541	Samsung galaxy A73	1,738.26	Office Equipment	TATTE-RED IMPRESS PROJECT	IMPRESS PROJECT MANAGER	NE-23/24
45	NE-004542	2 Telephone corded UNIDEN FP098 IVORY ECONOMY FEATURE PHONE, SPEED DIAL, WALL/DESK MOUNT(\$112 per phone) A-B	257.60	Office Equipment	TATTE-Forestry Division	Forestry Division-Main office	NE-23/25
46	NE-004543	Telephone Corded Uniden FP098 IVORY ECONOMY FEATURE PHONE, SPEED DIAL, WALL/DESK MOUNT	128.80	Office Equipment	TATTE-DEC	DEC-Principal Terrestrial Officer	NE-23/26
47	NE-004544	Telephone Corded UNIDEN FP098 Ivory Economy feature phone, speed dial, wall/desk mount	128.80	Office Equipment	Tafaigata-DEC	DEC-Cashier	NE-23/27
48	NE-004545	2 Straight line desk1200 wf (\$720 per desk) A-B	1,440.00	Furntiture & Fittings	TATTE-LEGAL DIVISION	Legal division-Legal officers	NE-23/28
49	NE-004546	Dell Latitude 15.6 laptop Business Model (with mouse and laptop bag)	5,370.00	Computer Equipment	TATTE-TECHNICAL DIVISION	Technical Division-Technical advisor	NE-23/29
50	NE-004547	Dell optiplex 5000 SFF desltp business model computer set(A-D)	5,639.00	Computer Equipment	TATTE-Forestry Division	Forestry Division-Senior officer	NE-23/30
51	NE-004548	WHEELBARROW COMPLETE BOLO	285.00	Plant & Equipment	DEC-Tafaigata	DEC-Tafaigata	NE-23/31
52	NE-004549	Circular Saw 185mm [7 1/4] MAKITA PI	1,350.00	Plant & Equipment	Tafaigata-DEC	Tafaigata-DEC	NE-23/32
53	NE-004550	Caravan Canopy	920.00	Office Equipment	Tafaigata-DEC	Chemical and hazard section	NE-23/33
54	NE-004551	2 Buro chairs SSAB Sam with arms(\$1270 per chair) A-B	2,540.00	Furntiture & Fittings	TATTE-Legal Division	Legal Division	NE-23/34
55	NE-004552	2 Logitech H340 Headset(\$145 per headset) A-B	290.00	Office Equipment	TATTE-Legal Division	Legal Division	NE-23/35
56	NE-004553	2 Logitech C270 HD webcam(\$190 per webcam) A-B	380.00	Office Equipment	TATTE-Legal Division	Legal Division	NE-23/36
57	NE-004554	Dell Optiplex 5000 Desktop (Computer set) A-B	5,269.00	Computer Equipment	TATTE-DEC	Solid Waste Management Section	NE-23/37

58	NE-004555	Amp Inverter Welder 180 (BossWeld 3610020)	1,200.00	Plant & Equipment	DEC-Tafaigata	Chemical and Hazard section	NE-23/38
59	NE-004556	Swing Frame Wall Cabinet Rack	1,485.80	Office Equipment	TATTE-Water Sector Division	Water and Sanitation Sector office	NE-23/39
60	NE-004557	Cisco 3560G Series24 Port PoE Deployment pack WS	1,809.01	Office Equipment	TATTE-Water Sector Division	Water and Sanitation Sector Division	NE-23/40
61	NE-004558	Roller Shutter Cabinet-3Tiers	980.00	Office Equipment	TATTE-Renewable Energy Division	RED- Impress Project Team	NE-23/40 to NE-23/41
62	NE-004559	5 TIER CHROME SHELF + WHEEL	699.00	Office Equipment	Vailima	Forestry Division-Vailima	NE-23/42
63	NE-004560	ESSELTE A4 COLLAPSIBLE BROCHURE HOLDER	1,100.00	Office Equipment	Vailima	Forestry Division-Vailima	NE-23/43
64	NE-004561	Cutting Sewage Pump 1.5kw Dia .50mm Single phase-Devon	1,299.00	Plant & Equipment	Tafaigata-DEC	Waste Management Section	NE-23/44
65	NE-004562	MNRE 31 - Toyota Land Cruiser LC79 Series 5 STR 4WD Double Cap	125,000.00	Motor Vehicles	TATTE - Forestry Division	ACEO Forestry	NE-23/45
66	NE-004563	MNRE 65 - NISSAN NAVARA MID GRADE DOUBLE CAB TD25 DIESEL	128,000.00	Motor Vehicles	TATTE - ICT Division	ACEO IT	NE-23/46
67	NE-004564	Brush Cutter Petrol 40.2cc FS 250 STIHL	1,399.00	Plant & Equipment	Vailima-WRD	Water Resource Division	NE-23/47
68	NE-004565	Generator 8500W	5,199.00	Plant & Equipment	Vailima-WRD	Water Resource Division	NE-23/48
69	NE-004566	Water Blaster Electric (2030PSI) RE 120 STIHL	1,899.00	Plant & Equipment	Vailima-WRD	Water Resource Division	NE-23/49
70	NE-004567	Breeze Gazebo 6*6m tent	1,699.00	Plant & Equipment	Vailima-WRD	Water Shed and hydrology	NE-23/50
71	NE-004568	Powerful stand Fan 20" Modyl	350.00	Office Equipment	TATTE-RED	ACEO RED	NE-23/51
72	NE-004569	DELL LATITUDE 5430 Rugged 14' Laptop core i5-1135G7 (8M Cache, up to 4.20 GHz) 16GB Ram, 512GB NVMe Class SSD, BT5.2, 3 Cell,53.5 Wh Battery, Wifi 6(AX), BT 5.2, Microphone+ RGB HD Camera, Micro SD Card with heavy duty packpack and wireles mouse (Black)	12,995.00	Computer Equipment	Tatte- DEC	DEC- Marine Section	NE-23/52
73	NE-004570	Drone DJI MAVIC 3 CLASSIC (DJI RC) ULTIMATE COMBO(include 3 intelligent Flight battery, 3 classic storage cover, Low noise propellers(3) portable charger(1) USB Cable	17,825.00	Office Equipment	TATTE-DEC	DEC-Marine Section	NE-23/53
74	NE-004571	Dell XPS 1 BLK i7 Computer Set 512GB SSD 16GB DVD-RW BT WiFi WIN11 PRO KEYBOARD MOUSE BLACK	8,363.00	Computer Equipment	Tuanaimato-DMO	DMO staff	NE-23/54
75	NE-004572	MNRE 19 - NISSAN NAVARA MID GRADE PICK UP/ DIESEL-AUTOMATIC	125,000.00	Motor Vehicles	Tuagaimato - DMO	ACEO DMO	NE-23/55

76	NE-004573	3 Wheel Barrow Contractor HD BBL (A-C) (\$285 per wheel barrow)	855.00	Plant & Equipment	Vailima-Forestry Division	Forestry Division Vailima	NE-23/56
77	NE-004574	Dell Inspiron 15-3511 core i7-1165G7 1 TB SSD 12GB 15.6(1920*1080) BT WIN10 Pro Webcam Cabon Black, with Optical mouse and bag	5,529.00	Computer Equipment	Tatte-LEGAL SERVICE DIVISION	Principal Legal service Division	NE-23/57
78	NE-004575	Dell Optitex SFF Desktop Business computer set Model i7-12700 processor (25M Cache, up to 4.9 GHz) 8GB, 256GB NVMe SSD+1TB HDD 3X DP Windows 11 Professional, Microsoft office 2019 Professional, Dell USP, Keyboard & Mouse, 3 year warranty+ Monitor (1yr warranty)	4,949.00	Computer Equipment	Ministers Office	Faanofonofu Lautusi	NE-23/58
79	NE-004577	Dell Inspiron i5 11400 Computer Set. 12GB DDR4 ; 1TB HDD+256GB SSD; Intel UHD 630 Graphics; WIFI AX 6	3,799.00	Computer Equipment	Savaii - FRD Maota	Forest Field Officer	NE-23/60
80	NE-004578	Dell Inspiron 3891 i5 Computer Set 11400 2.6GHz 12 GB DDR4; 1TB HDD +256 GB SSD; INTEL UHD 630 Graphics; Wi-Fi AX 6	3,799.00	Computer Equipment	Savaii - FRD Asau	Forestry Field Officer	NE-23/61
81	NE-004579	10 Chair Plastic Pipee- Blue BBL (A-J) \$39 per chair.	390.00	Furniture & Fittings	Vailima-FRD	Forestry Division	NE-23/62
82	NE-004580	Hot Water Urn 10 LTR	650.00	Office Equipment	TATTE-FRD	Forestry Division	NE-23/63
83	NE-004581	ADATA 4TB DURABLE HDD	699.00	Office Equipment	Vailima-Forestry Division	Forestry Research and Development Section	NE-23/64
84	NE-004582	Dell Optiplex SFF Desktop Model i7-12700- 8GB/256GB SSD+1TB HDD/WIN11PRO, MS Office 2019 Pro / Dell USP KB & Mouse 3 year warranty with UPS-1 year warranty	5,369.00	Computer Equipment	Tuanaimato-DMO	Emergency Siren Network Section	NE-23/65
85	NE-004583	Wireless Microphone Set	1,300.00	Office Equipment	TATTE-Studio	Media and communication section	NE-23/66
86	NE-004584	AKG ARA C22 USB MICROPHONE	640.00	Office Equipment	TATTE-Media Section	Media and Communication Section	NE-23/67
87	NE-004585	Dell Inspiron 3511-5174BLK Core Touch screen Carbon Black i5-1035G1 256GB SSD 8GB 15.6(1920x1080) with Digitus Notebook Bag 15.6 Graphite, Dell MS116 USB Optical Mouse	3,550.00	Computer Equipment	Tatte-Forestry Division	Forestry Division-GIS officer	NE-23/68

88	NE-004586	Dell Inspiron 3891 i5 Computer Set 11400 2.6GHz 12GB DDR4; 1TB HDD + 256GB SSD; Intel UHD 630 Graphics; WI-FI AX 6. with Dell SE2422H 24" Monitor(1920x1080) 75Hz 5ms 250 cd/m2 AMD Freesync 3000: and Eaton 5E UPS 650VA/360W 2 X ANZ Outlets	4,234.00	Computer Equipment	Vailima-Forestry Division	GIS Officer-Forestry Division	NE-23/69
89	NE-004587	Sealife Micro 3.0 Underwater Camera Pro Duo 5000 life set	8,200.00	Office Equipment	TATTE-DEC	Marine Section- DEC	NE-23/70
90	NE-004591	Water Sampling Kit- Do Meter ph gel probe, STD Cable conductivity Probe, STD, W/1M Cable HQ Standard probe Field Case HQ Kick stand and hand strap HQ Protective glove singlets, PH 4.01 PK/20 Singlets, ph 7.0 PK/20, Singlets PH 10.01 PK/20 WARRANTY: 12MONT	9,928.68	Plant & Equipment	TATTE-DEC	DEC-Marine Section	NE-23/74
91	NE-004592	MNRE 25 -2023 Hyundai Kona Electric GLS, Ecotronic Grey Pearl. POWER TRAIN: 150KW 1 Speed Automatic Transmission, 3 years or 62000 miles warranty&battery 8 years or 62000 miles, 3 years or 30,000miles free service. Engine: EM16P4D007CS, VIN: KMHK281GUPU18	147,739.13	Motor Vehicles	FMFM2 Building	MNRE Minister	NE-23/75
92	NE-004594	6 Buro Mario Chairs @\$330 each	1,980.00	Furniture & Fittings	TATTE-RED	ACEO RED	NE-23/77
93	NE-004595	Emerge L Shape Desk 1500mm x 1500mm	1,099.00	Furniture & Fittings	TATTE-RED	Senior Renewable Energy Officer	NE-23/78
94	NE-004596	Buro Roma II High Back Chair	850.00	Furniture & Fittings	TATTE-RED	ACEO RED	NE-23/79
95	NE-004597	Data Projector tripod Screen 1.8m	990.00	Office Equipment	TATTE-RED	Renewable Energy Division	NE-23/80
96	NE-004600	MNRE 20 - PG VAN, Mini bus- Diesel Engine #N91. Drive: Right seating: 16 Engine - 2500	20,000.00	Motor Vehicles	TATTE-MNRE CAR PARK	TATTE-CORPORATE SERVICE	NE-23/83
97	NE-004601	MNRE 27 - PG Mini Van, Diesel Engine: N91, Drive- right, Seating: 16 Engine-2500	20,000.00	Motor Vehicles	TATTE-MNRE CAR PARK	TATTE-Corporate Service Division	NE-23/84
98	NE-004611	Hp Color LaserJet Pro M454	1,999.00	Office Equipment	Vailima - Forestry Division	Vailima Office	NE-24/08
99	NE-004615	Dell Latitude 7420 i7-1185G7 Laptop	5,770.00	Computer Equipment	TATTE - GEF/ Climate Change	Principal Project Officer/ GEF7	NE-24/12

ANNEX 3- PROJECT UPDATE

PROJECT:	UPDATE:
NEMA	<p>Activities in progress until June 2024</p> <p>Tsunami Signs installation at the Apia Central District Area scheduled before CHOGM</p> <p>Other activities on going</p>
BSRP II	<p>National Steering Committee established Implementation to commence 4th Quarter 2023</p> <p>Activities:</p> <p>Supporting the DEM Act Amendment</p> <p>Sub national EOC building at Savaii</p> <p>SAR training compound at Faleata Fire Station</p> <p>CDCRM to 13 villages</p> <p>Awareness campaigns</p>
GCF	<p>Post awareness for Sirens scheduled for next FY</p> <p>5 sirens will be simulated by using a tsunami scenario on 9 Nov 2023 during the Environment Week</p>
PREP	<p>NEOC ICT Installation of equipment is progressing targeting end of March 2024 before the project ends</p>
PACRES	<p>Samoa is one of five Pacific ACP Countries where the €12 million EU funded Intra-ACP GCCA+ Pacific Adaptation to Climate Change and Resilience Building (PACRES) is scaling up Climate Change Adaptation Pilots. Such work is Implemented jointly by The Secretariat of the Pacific Regional Environment Programme (SPREP), The Pacific Community (SPC) and The University of the South Pacific (USP).</p> <p>“The Improvement of Water Security for Vulnerable Families in the Matautu Villages in Savaii” was identified as one of the Key Activities under the SPREP funded component of this project</p> <p>The Matautu Villages include Safa’i, Satoalepai, Fagamalo, Lelepa, Avao and Sale’ia and Vaipouli in the District of Gagae-mauga 3 on the North Side of Savai’i.</p> <p>Procurement of 100 Rainwater Harvesting Systems for vulnerable families to be Implemented by WSSCD. Distribution of these systems proposed to take place in FY23/24.</p>
THE EARLY WARNING FOR ALL	<p>The "Early Warnings for All" initiative is a ground breaking effort to ensure that everyone on Earth is protected from hazardous weather, water, or climate events through life-saving early warning systems by the end of 2027.</p> <p>With human-induced climate change leading to more extreme weather conditions, the need for early warning systems is more crucial than ever. These systems are not a luxury but a cost-effective tool that saves lives, reduces economic losses, and provides a nearly tenfold return on investment.</p> <p>Early warning systems have helped decrease the number of deaths resulting from hazardous weather, water, or climate events. But major gaps still exist, especially in small islands and developing countries. The United Nations Secretary-General António Guterres is determined to close these gaps and ensure that early warning systems protect everyone on Earth within the next five years.</p> <p>The Early Warnings for All initiative is fully aligned with the 2030 global agenda and supports key Sendai Framework for Disaster Risk Reduction provisions and the Paris Agreement on climate change and the Sustainable Development Goals on poverty, hunger, health, water, clean energy, climate action and sustainable cities.</p> <p>Early warnings work. They must work for everyone.</p>

	<p>Challenge Despite the urgent need, only half of the countries worldwide report having adequate multi-hazard early warning systems. There are big gaps in the global observing system necessary to generate these forecasts. And even fewer have regulatory frameworks that connect early warnings to emergency plans. Climate, weather, and water-related extremes have led to 15 times more deadly hazards for people in Africa, South Asia, South and Central America, and small island states. Vulnerable, least-developed countries that have not contributed significantly to the problem of climate change are bearing the brunt of this crisis.</p> <p>Solution Early warning systems have proven to be an effective way to adapt to climate change by providing a cost-effective and reliable way of protecting lives and livelihoods from natural hazards such as floods, heatwaves, storms, and tsunamis. According to the Global Commission on Adaptation, giving just 24 hours' notice of an impending hazardous event can reduce damage by 30 percent. Investing just US\$800 million in such systems in developing countries would prevent losses of \$3 to \$16 billion annually. With 95 percent of the world's population having access to mobile broadband networks and nearly 75 percent owning a mobile phone, mobile networks have become powerful communication channels that can effectively target those in at-risk areas. The Early Warnings for All initiative partners beyond UN with the Red Cross and Red Crescent movement, civil society, Big Tech companies, donor governments, development banks, and the insurance sector. Everyone has a role to play in making this initiative a success.</p> <p>Partners The Early Warnings for All initiative is co-led by the World Meteorological Organization (WMO) and the United Nations Office for Disaster Risk Reduction (UNDRR), with support from the International Telecommunication Union (ITU) and the International Federation of Red Cross and Red Crescent Societies (IFRC) and other partners. A range of new and pre-existing innovative financing solutions are required to implement the plan to protect every person on Earth. These include a scaling up of the Climate Risk Early Warning Systems (CREWS) Initiative, the Systematic Observations Financing Facility (SOFF), and accelerated investment programmes of climate funds, such as the Green Climate Fund (GCF) and the Adaptation Fund, and key Multilateral Development Banks (MDBs), as well as other innovative new financial instruments across all stakeholders of the early warning value chain.</p> <p>Samoa is part of this Campaign Early Warning for all (EW4All) Rapid Assessment for Samoa The meeting will allow the team to gather baseline information on Multi-Hazard Early Warning System (MHEWS), warning capacities, data and monitoring systems and the like, at the same time raise awareness on the concept and content of the EW4All rapid assessment.</p>
<p>CREWS PROJECT (The Climate Risk and Early Warning Systems)</p>	<p>The Climate Risk and Early Warning Systems (CREWS) Initiative launched at UNFCCC COP21 in December 2015 and is a mechanism that funds Least Developed Countries (LDC) and Small Island Developing States (SIDS) for risk informed early warning services. The objective is to significantly increase the capacity to generate and communicate effective impact-based, multi-hazard, gender-informed, early warnings and risk information to protect lives, livelihoods, and assets in LDCs and SIDS.</p> <p>The CREWS Pacific SIDS 1.0 project was funded by the CREWS Initiative and Environment and Climate Change Canada (ECCC). The project focused on strengthening the Regional Specialized Meteorological Centre in Nadi, Fiji (RSMC Nadi), which specializes in tropical cyclones and the Pacific SIDS National Meteorological and Hydrological Services (NMHSs) that it serves; Cook Islands, Fiji, Kiribati, Nauru, Niue, Tokelau and Tuvalu. The project also</p>

	<p>supports the Federated States of Micronesia, Republic of Marshall Islands, Palau, Samoa, Solomon Islands, Tonga and Vanuatu. The project was structured around three main components:</p> <p>Improved governance; Enhanced product development and accessibility; and Enhanced services delivery.</p> <p>The project was implemented in 2017 for a four-year period, however due to the COVID-19 pandemic and subsequent travel restrictions, the project was extended to the end of 2021. Building on this is the second CREWS Initiative project in the Pacific, titled "Strengthening Hydro-Meteorological and Early Warning Systems in the Pacific" (CREWS Pacific SIDS 2.0). This project is an extension of CREWS Pacific SIDS 1.0 and aims to upscale its efforts in the Pacific region. CREWS Pacific SIDS 2.0 seeks to strengthen more integrated and inclusive early warning that are part of the region's stronger and more comprehensive human security and resilience agenda. The project's objective is to enhance the effectiveness and inclusiveness of Pacific islands and regional early warning systems. The project has 5 main outcomes:</p> <p>Improved governance; Enhanced product development and accessibility; Enhanced service delivery; Enhanced communication and awareness programmes on early warning services; and Improved integration of gender including people living with disabilities across the EWS chain. The project is co-implemented by WMO, WB and UNDRR</p> <p>Samoa is part of this Project Enhance communication and awareness programs (CDCRM/Awareness bill boards) Developed Impact based forecasting warning services (in progress) Strategic Plan (in planning)</p>
<p>Systematic Observation Financing Facility</p>	<p>In 2021, WMO, UNDP and UNEP co-created the Systematic Observations Financing Facility (SOFF) at the 26th session of the Conference of the Parties to the United Nations Framework Convention on Climate Change (COP26). SOFF is a United Nations Multi-Partner Trust Fund (UNMPTF) administered by the UNMPTF Office as Trustee and supported by a Secretariat hosted by WMO in Geneva, Switzerland.</p> <p>SOFF supports the sustained collection and international exchange of essential surface-based weather and climate observations according to the internationally agreed Global Basic Observing Network (GBON) regulations. The implementation of GBON will significantly strengthen the provision of high-quality weather forecasts, early warning systems, and climate services at global, regional, and national levels. GBON data are essential for effective, resilient development and climate adaptation action that results in saved lives, improved livelihoods, and protected property</p> <p>The support provided by SOFF systematically addresses the persistent problems that cause missing observations through the combination of four key features:</p> <p>deployment of a global approach with sustained high-quality international data exchange as a measure of success; provision of innovative, long-term finance for sustainable progress towards GBON compliance enhancement of technical competencies through peer-to-peer advisory support; and leverage of partners' resources.</p> <p>Support to countries is provided in three phases implemented through a close collaboration between beneficiary countries, Implementing Entities (IEs) and peer advisors (advanced national meteorological services). During the Readiness phase, Small Island Developing States (SIDS), Least Developed Countries (LDCs), and other Overseas Development Aid (ODA)-eligible countries can access technical assistance provided by SOFF peer advisors to undertake a GBON National Gap Analysis and develop a GBON National Contribution Plan. During the Investment phase, SIDS and LDCs can receive grants and advisory support to establish their GBON stations and strengthen the human and institutional capacity needed to implement the</p>

	<p>GBON National Contribution Plan. During the Compliance phase, the National Meteorological and Hydrological Services (NMHSs) in SIDS and LDCs receive results-based finance and on-demand peer advisory to support the operation and maintenance of internationally sharing data stations</p> <p>SOFF is a partnership among its co-creators, SOFF funding partners, beneficiary countries, IEs, and peer advisors. The development of SOFF has benefited from the contributions of many partners and stakeholders, including beneficiary countries, funding partners, the Alliance for Hydromet Development, and several other international organizations.</p> <p>Samoa is part of this Project</p> <p>Readiness phase: GBON National Gap Analysis (Completed and awaiting report)</p> <p>Next is the developing of a GBON National Contribution Plan.</p>
<p>Intra-ACP Climate Services and Related Applications Programme (ClimSA).</p>	<p>In a warming world, the need of climate science-based information for policy, planning and practice decisions, at all levels and scales is now more urgent than ever.</p> <p>In partnership with the European Union (EU), the Organisation of African, Caribbean and Pacific States (OACPS) has initiated the Intra-ACP Climate Services and Related Application Programme (ClimSA), under the 11th European Development Fund (EDF).</p> <p>The overall objective of the intra-ACP Climate Services and Related Applications (ClimSA) Programme is to strengthen the climate service value chain through building the capacities of decision-makers at all levels to make effective use of climate information and services. The successful implementation of this action will implement new and strengthen existing tools to build capacity of climate services stakeholders and users in climate-sensitive sectors, to be guided by and to implement the Global Framework for Climate Services (GFCS), at all levels.</p> <p>The project will foster sustainable development through the prevention of desertification, preservation of ecological biodiversity and the sustainable use of water management in ACP countries.</p> <p>Thematic areas: Climate Change, Resilience Building, Environment, Agriculture and Natural Resources, Disaster Preparedness, Water and Health</p> <p>Samoa is part of this Project</p> <p>Improved access to climate information</p> <p><i>Assess the impact of existing gaps in climate observing networks on the produced climate services by this programme and invest in ground-infrastructure to improve such services</i></p> <p><i>Ensure that RCCs and NHMSs operational access to climate information made available at global level by international identified partners (Copernicus, ECMWF, EUMETSAT, others) is improved</i></p> <p>Enhanced capacity to generate & apply climate information & products</p> <p>Enhanced climate informed decision making & mainstreamed climate services into policy processes at regional and national level</p>
<p>Climate and Oceans Support Program for the Pacific (COSPPac) Project</p>	<p>The Climate and Oceans Support Program for the Pacific (COSPPac) is a large regional aid program, funded by the Australian Government and implemented by the Bureau of Meteorology in partnership with 14 national meteorological services (NMSs) of Pacific Island countries and regional organisations. This phase of ongoing support commenced in 2012 and is completed</p> <p>The Program provides high quality technical and related support to Pacific Island NMSs so accurate, timely and essential weather, climate and ocean information is collected and analysed. The Program supports NMSs' communication of this information to other Government agencies, service providers, private sector organisations, NGOs and communities so that it can be used in diverse ways.</p> <p>Climate and oceans information assists countries to make sound decisions relating to economic development and the well-being of citizens. Weather and climate data and information are the heartbeat of all NMSs. When accurate and timely information is communicated to and understood by stakeholders, they are able to prepare effectively for seasonal and other variations, better manage their resources and contribute to economic activities. For example,</p>

	<p>when shared appropriately, information about: tides and sea levels, maximises the efficiency of shipping services and other ocean-based and coastal economic activities, such as fishing, mining and infrastructure construction and maintenance. Also, enables communities to take decisions relating to safety and access to natural food and other resources seasonal climate outlooks, influences the quality of planning and responses in agriculture, energy and water supply, as well as tourism, industry, transport and event management droughts or risks of flooding, enables communities, businesses and governments to prepare for and minimise damage to infrastructure and loss of life extreme weather events, helps reduce the incidence of vector and water borne diseases such as malaria, dengue etc. and reduce costs to the health system traditional knowledge helps communities to determine reliability of forecasts and plan accordingly</p> <p>Samoa is part of this Project</p> <p><u>Pacific Sea Level Monitoring Project (PSLM)</u>: Continue core functions of collecting, analysing, storing, and disseminating high quality sea level and geodetic data.</p> <p><u>Climate Data for the Environment (CliDE) and Services Client (CliDEsc)</u>: CliDE provides each country with a central database for meteorological records and includes data entry forms, quality assurance tools, reports and raw data dumps for downstream application production and research. Using largely open-source software, it is a robust relational database with a web-based user interface that supports core NMS functions.</p> <p><u>Seasonal Prediction Project, SPP</u>. (Climate Outlooks, Ocean Outlook, Early Action Rainfall Watch): The Seasonal Prediction Project supports the delivery of seasonal and inter/intra-seasonal (or within season) climate and ocean predictions and adds value to climate (e.g. drought) and ocean (e.g. coral bleaching) monitoring.</p> <p><u>Coordination and Communications Unit (CCU)</u>: The CCU centralises common program management functions and manages the technical resources needed to support the, communications, training and capacity development activities that are common across all three project components.</p>
<p>Ocean Acidification Project (OA) Project:</p>	<p>Transfer of Advanced Marine Science Technology for Enhanced Ocean Acidification Monitoring and Capacity Building in Response to Climate Change (Samoa & SPREP)</p> <p>The project is OceanAid project between KIOST and SPREP</p> <p>This project is funded by the Korean government through Ministry of Oceans and Fisheries and approved by the Ministry of Foreign Affairs which oversees any type of such project.</p> <p>It is similar to KOICA project (similar to JICA project by Japan, or USAID project by USA), but not the same. It is approved by the Ministry of Foreign Affairs (MOFA) but it is project funded through the Ministry of Oceans and Fisheries(MOF) and project execution is controlled and supervised through MOF instead of MOFA</p> <p>KISOT Background</p> <p>KISOT is a unique and comprehensive ocean science and technology research institute. It is semi government supported research institute partly supervised by MOF. Only about 30% of KIOST budget is directly provided by MOF, and rest of the budget is competitively earned from various funding agency through fierce competition including competitive bidding including the current project where project overhead cost (e.g. wages) is absorbed by KIOST.</p> <p>Project Background</p> <p>In 2000, KIOST established collaborative ocean research field station in Chuuk, FSM, and in 2011, KIOST, in collaboration with Pacific Marine Environmental Laboratory (PMEL)/NOAA, established a long-term, high-resolution ocean acidification monitoring buoy system in the Chuuk Lagoon which is still being operated by KIOST in collaboration with PMEL/NOAA</p> <p>Samoa is part of this Project</p>

	<p>All the equipment including the buoy system, floats, anchors, aluminium boat etc. were shipped to Samoa in 2019/2020 until now. The OA laboratory renovations began in 2021 at the Meteorology Office at Mulinu'u.</p> <p>The team from KIOST visited Samoa this year from 04-14 March 2023. The purpose of the visit was to deploy the buoy system (APIA K1), set up the Ocean Acidification Laboratory facility at SMD and to conduct capacity building of local staffs.</p> <p>Now, local staffs have the basic knowledge on how to collect the required samples for analysis. Two bottles of the sea water must be collected every week from the site and carefully seal and place in the fridge until ten samples are collected and then send to KIOST for analysis. The SMD team is trained to carry out the sampling procedure cautiously to avoid contamination during and after collection. High tide is preferred for this work to avoid boat delays and samples contamination.</p> <p>Professor Sabine from the University of Hawaii will be coming to Samoa later in 2023 to set up the sea water analysis equipment and conduct SMD Staff training. Professor Sabine had developed the buoy technology while he was with NOAA and we are fortunate to be trained by him.</p> <p>It is anticipated that more people will be involved from MNRE, Fisheries Division of MAF and NUS in the OA data sharing and usage. The OA project is believed to continue for the next five years (2022-2026). According to KIOST the project will continue to upgrade the laboratory, capacity building, start and share data accumulation, register the OA buoy with Global Ocean Acidification Observing Network (GOA-ON) and continue to work with SPREP and other partners.</p>
<p>Regional Integrated Multi-Hazard and Early Warning System (RIMES) funded by the United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP)</p>	<p>RIMES is focussed on Africa and Asia, with Timor Leste a principal small island focus in the Indo-Pacific region. RIMES aims at providing services to its participating Member States in the following areas:</p> <ul style="list-style-type: none"> Earthquake & Tsunami Watch services to the National Tsunami Warning Centres Weather, Climate and Hydrological Research and Development to National Meteorological and Hydrological Services Capacity Building in End-to-End Early Warning to national and local level institutions within national early warning frameworks <p>Samoa is part of this Project</p> <p>Online 1st Sub-regional Dialogue on 12 April 2022 Inviting representatives from the Meteorological Service, and user agencies from climate sensitive sectors such as Agriculture, Disaster Risk Management, Water Resources, Health, and Energy.</p> <p>Online Training of Impact Forecasting and Risk Analysis on 19-22 April 2022 Inviting representatives from the Meteorological Service, and user agencies from climate sensitive sectors such as Agriculture, Disaster Risk Management, Water Resources, Health, and Energy.</p> <p>Online Training for NMHSs in Pacific Countries on 29 August – 2 September 2022 This training was part of the 2nd Phase of the project “Enhancing Weather and Climate Resilience in RIMES Member States through Capacity Building on Impact Forecasting,” funded by UNESCAP. This 5-day training was aimed at building/enhancing the capacity of SMD and other NMHS in the sub-region in responding to user demands from the agriculture, disaster risk reduction/management, and other climate-sensitive sectors</p> <p>2nd Online Training on Impact Forecasting and Risk Analysis for Pacific Countries 7 – 11 November 2022</p> <p>Online Training on Hydrological Modelling and Flood Forecasting for Pacific and South & Southeast Asia Countries – 28 November to 09 December 2022</p> <p>14th RIMES Council Meeting on 10 – 12 November 2022 in Bangkok, Thailand (Silipa Mulitalo attended)</p> <p>Post 2022/2023 Wet Season Forum on 24th May 2023, Apia, Samoa (1 participant from Samoa)</p>

	<p>Training on Weather Forecasting and Climate Prediction 10 – 13 July 2023 (Online) 24 – 27 July 2023 (In Person – 2 participants from Samoa)</p>
<p>Pacific Resilience Program – PREP (World Bank)</p>	<p>Implementation of the Samoa PREP has experienced major challenges since its inception. In much of the projects timeframe, Samoa’s international borders closed. Community transmission of COVID-19 saw major interruptions in project implementation as the country coped with national lockdowns and responsive efforts through the National Emergency Operations Center (NEOC).</p> <p>Despite this, the MNRE supported the PMU in driving key project activities.</p> <p>Certain milestones achieved include the:</p> <ul style="list-style-type: none"> installation of the NEOC lift; draft of the NEOC Operational Manual; supply and installation of the NEOC Audio-Visual equipment; supply of the CCTV cameras for the NEOC; completion of the Kramer Ausenco (supervision) and Zheng Construction (construction) Contracts; Design and construction of the National Emergency Operating Center (NEOC); approval of the Disaster Risk Finance Strategy and Multi Hazard Early Warning System (MHEWS) Policy; approval of the Meteorological Services Act 2021; completion of the hydrological Training of Trainers in New Zealand and Samoa (NIWA) for 4 staff; procurement of 10 rainfall and 10 river gauges and spare parts; design, supervision and construction of the Vaigaga Primary School (VPS); design, supervision and construction of the Seismic Operations Center (SOC); implementation of Implementing Agency proposals (MET, DMO, WRD); Monitoring and Evaluation System, data collection and reporting; MHEWS Implementation Plan, MHEWS Capacity Building Plan; NEOC MHEWS ICT Goods and Services; PMU staff contracts, etc.

ANNEX 5- ISSUES & CHALLENGES

LMD

- The misunderstanding within families who own customary leased lands;
- Demanding for lease payment as well as advances from customary land beneficial owners.
- The whole process of a lease is completed without any objections received, then after a lease being finalized, other family members start submitting their objection, however they should have objected when leases were published in the newspaper for six (6) months.

SIA

- Staff turnover
- Obstructs of the Public during field work (Safety)
- Urgent Survey Work Vs Survey Work Plan
- Changing of weather condition
- PROJECTS (EXTERNAL MNRE PARTNERSHIPS) are not complying with our license data policy
- Capacity Building for staff (local and overseas training)
- limited of working space
- Safety of staff in field/safety gears

DEC

- Limit of Budget
- Lack of local budget to support necessary implementations
- Short-staff to carry out operations and implementations
- Staffing/Human Resources
- Need to expand the Marine Biodiversity Conservation and Terrestrial Biodiversity Conservation Sections and recruit new staff to carry out its functions and services
- Staff turnover, retired and not replaced awaiting PSC Functional Review
- Lack of forestry technical expertise
- Illegal logging to meet the high demand for local timber due to the rising costs of imported products.
- Lack of cooperation and interest of the public in the replanting programs due to unavailability of land as well as domestic disputes
- Risks associated with forestry as an investment.
- Ongoing deforestation on customarily land (clear felling) for developments (farming, settlements, roads)
- Rough access roads in National Parks (Masamasa-Falelima, Mt. Salafai, Lake Lanotoo) for consistent maintenance of planted trees and continued planting of degraded forests, invasive species control, and other related forestry management activities.

FOR

- Staff turnover, retired and not replaced awaiting
- PSC Functional Review
- Lack of forestry technical expertise
- Illegal logging to meet the high demand for local timber due to the rising costs of imported products.
- Lack of cooperation and interest of the public in the replanting programs due to unavailability of land as well as domestic disputes
- Risks associated with forestry as an investment.

- Ongoing deforestation on customarily land (clear felling) for developments (farming, settlements, roads)
- Rough access roads in National Parks (Masamasa Falelima, Mt. Salafai, Lake Lanotoo) for consistent maintenance of planted trees and continued planting of degraded forests, invasive species control, and other related forestry management activities.

WRD

- The biggest challenge faced during the implementation of activities throughout the reporting period for FY22/23 looks at the many outstanding activities from the previous Financial Year which could not be implemented due to COVID restrictions, now added on top of priority work identified for the current FY. This caused some delays in the implementation of activities especially in terms of consultations with communities. However, the WRD were able to meet the targets with regards to community engagement and partnership for water resources management.
- Another one of the challenges looks at Water Quality monitoring activities as one of the key priorities for Water Resources management. Water quality testing within our rivers has not been made possible over the past few years due to the unavailability of equipment. In light of this, partnerships with SROS as well the NUS had been fostered over the past few years in order to ensure the availability of water quality data to inform our mandated work. In moving forward, WRD envisages the continuation of its water quality testing activities and monitoring with the availability of funding and/or equipment in order to carry out these activities.
- With the increase in target number of seedlings to be disbursed and planted in support of the 3 Million National Tree Planting Campaign, it was quite challenging to keep the Vailima water resources management nursery at full capacity to be able to support the disbursement of seedlings as required. At the same time, there were community engagement issues, as some of the targeted villages and District Committees were not able to commit fully to the rehabilitation programs. As such, there were shortfalls in the number of seedlings planted and the total area of hectares rehabilitated. There was also an issue with the estimated hectares as the riparian environments where rehabilitation activities did take place, could not accommodate for the 4m by 4m spacing that was initially planned. In most steep areas the seedling spacing were often less than 4m by 4m to allow for good coverage of these types of terrain. This in turn limited the total land area under reforestation.
- In addition to the capacity of the nursery to house more seedlings, there was also the challenge of manpower with regards to the collection of seedlings from the field to be potted. There was quite a significant

DMO

- Shortage of staff
- Tree trimming issues/complaints raised by/from public
- Maintenance of assets and equipment (eg) ERN/ESN, NEOC Building

- Warehousing and storage.

WATER SECTOR

- The availability and access of information for re- porting remains a challenge for the sector. Nonetheless, such challenges have led the sector to re- visit its priorities as well as zooming in its focus on improving key issues of the sector. Despite another challenging year for the Division, much progress was made as per its performance tar- gets indicated in its updated sector plan. Activities which were incomplete within the year have been prioritized for implementation in FY 2023-2024.

LEGAL

- The main challenge currently faced by the Division is capacity. The number of lawyers does not match the increasing demand for legal services in the Ministry.
- The huge turnover lawyers in the Office of the Attorney have also affected the work of the min- istries particularly with the contract process and prosecutions.

- Further, there is a shortage of lawyers across Government. There are a number of legal vacancies which have been advertised and without any applicants. This does raise a lot of concerns

CSD

- No allocated budget to cater for media and communication needs such as TV advertisement, purchasing of media tools and equipment to successfully achieve the sections key objectives.
- No space for Media and Communication team. Currently sharing space with the Capacity Building Section.
- Staffing- Need to recruit more staff, only two staff for media and communication carrying out its roles and responsibilities for a Ministry of 16 different divisions.
- Too many clash events and programs from divisions and this is due to no submission of ongoing events to minimize and eliminate this contributing factor.