



MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT

# ANNUAL REPORT

2023 - 2024

*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.

02 February 2025

Hon. Speaker of the House  
Legislative Assembly  
APIA

Afioga e,  
MNRE Annual Report FY 2023-2024

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, 2024.

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

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



# MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT

## MINISTER

HON. TOEOLESULUSULU CEDRIC SALESA POSE SCHUSTER

## ASSOCIATE MINISTER

HON. FALEOMAVAEGA TITIMAEA TAFUA

## CHIEF EXECUTIVE OFFICER

AFIGA LEALAISALANOA FRANCES BROWN REUPENA

# MINISTRY ORGANIZATIONAL STRUCTURE

- GALUMALEMANA ANNE RASMUSSEN**  
ACEO Climate Change & Global Environment Facility Division
- AMITUANAI MOIRA FALETUTULU**  
ACEO Environment Sector Coordination Division
- VAINALEPA TOIATA UIILI**  
ACEO Renewable Energy Division
- TAITUUGA PELETI SALANOA**  
ACEO Land Management Division
- ASI PELEIUPU FUATA'I**  
ACEO Spatial Information Agency /Technical Division
- SU'EMALO TALIE FOLIGA**  
ACEO Division of Environment & Conservation
- FUJIMAONO KATENIA RASCH**  
ACEO Waste Management & Pollution Control Division
- MOAFANUA TOLUSINA POULI**  
ACEO Forestry Division
- AFAESE DR LUTERU TAUVALE**  
ACEO Meteorology Services Division
- ASUAO MALAKI IAKOPO**  
ACEO Water Resources Division
- FESOLA'I MOLLY NIELSEN**  
ACEO Disaster Management Office Division
- SAVEATAMA FALEFATU BENJAMIN SALELE**  
ACEO Water & Sanitation Hygiene Coordination Division
- ULUGIA CHARLES PRITCHARD**  
ACEO Information and Communication Technology Division
- GALUMALEMANA KATHLEEN TAITUAVE**  
ACEO Legal Services Division
- LEALASA FA'AULUULUGA TAUTAU**  
ACEO Corporate Services Division
- TUITAALII EDWINA PURCELL**  
ACEO Internal Audit Division

# MANAGEMENT

- 1** Sub - OUTPUT 01  
Climate Change and Global Environment Facility Division
- 2** Sub - OUTPUT 02  
Environment Sector Coordination Division
- 3** Sub - OUTPUT 03  
Renewable Energy Division
- 4** OUTPUT 03  
Land Management Division
- 5** OUTPUT 04  
Spatial, Information Agency /Technical Division
- 6** OUTPUT 05  
Division of Environment & Conservation
- 7** OUTPUT 06  
Waste Management and Pollution Control Division
- 8** OUTPUT 07  
Forestry Division
- 9** OUTPUT 08  
Meteorology Division
- 10** OUTPUT 09  
Water Resources Division
- 11** OUTPUT 10  
Disaster Management Office Division
- 12** OUTPUT 11  
Water and Sanitation and Hygiene Sector Division
- 13** OUTPUT 12  
Information, Communication and Technology Division
- 14** CSU 01  
Legal Services Division
- 15** CSU 02  
Corporate Services Division
- 16** OUTPUT 13  
Internal Audit Division

## 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 FY2021/22-2025/26) 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.

### 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 approach to achieve environmental sustainability in Samoa.

## OUTPUT 01 : Policy Advice to the Minister.

### Sub - OUTPUT 01 :

## Climate Change and Global Environment Facility Division

The division of [Climate Change and Global Environment Facility \(GEF\)](#) under the leadership of ACEO Galumalemana Anne Rasmussen is organized into three (3) sections;

1. Climate Change Section - 1 Principal Officer
2. Climate Resilience Section - 1 Principal Officer
3. Climate Research and Science Section – 1 Senior Officer

### ACHIEVEMENTS

- The Division 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.
- Blue Green Island (BGI): Project Proposal Grant
- Star Climate Change Fund (SCCF): Project Identification Document
- Project Proposal for Loss and Damage IKI Funding
- Carbon Feasibility Study with GAIT Global, inception report submitted
- Capacity-Building Initiative for Transparency- Global Support Programme (GSP)

- CBIT for GHG Waste Sector Training carried out on 3-5 September 2024
- CBIT-Transparency is currently in its design phase and to be implemented by end of the year with funding
- Global Green Growth Initiative (GGGI) preparing Loss and Damage project design
- NZ Climate Finance Support utilized as of now
- Seawall Taskforce for the Coastal Resilience Roll-out Project (CRRP)
- 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.
- CRRP Phase I and II concluded and submitted to the Ministry.
- Under the NZ Climate Finance Support, the construction of the seawall will commence soon with the selection of contractor held end of August 2024 for Lauli'i Package 1 and 2
- Samoa Inventory Capability Programme: Samoa, for the GHG sub-sector Livestock will be held on the second week of September 2024.

Key Performance Indicators and Results extracted from Budget FY23/24

Performance Measure	Budget Standard	Traffic Light Progress	Comments
Enhanced Climate Resilience	<ol style="list-style-type: none"> <li>1. At least 20 SGP projects approved;</li> <li>2. 15 interventions from CIM Plans implemented;</li> <li>3. National Adaptation Plan approved;</li> <li>4. Two (2) research studies conducted on Carbon sink Analysis for the Forestry Sector and carbon credit estimation of Samoa</li> </ol>	Achieved	<ul style="list-style-type: none"> <li>• 50% completed</li> <li>• National Adaptation Plan is currently being developed.</li> <li>• Developing methodology to classify forest and land-use and estimate forest carbon based on Spatial information, research completed</li> <li>• Carbon feasibility study on carbon markets is currently being implemented</li> </ul>
Enhanced Climate Change Governance	<ol style="list-style-type: none"> <li>1. Activation of Climate Change Coordination Committee;</li> <li>2. Two meetings convened;</li> <li>3. Climate Change Bill passed by Parliament</li> </ol>	Partially Achieved	<ul style="list-style-type: none"> <li>• Climate change committee will convene its first meeting in 2025</li> <li>• Climate Change Response Bill submitted to AG for review.</li> </ul>

<p>Enhanced Sustainable Climate Financing and Project Management</p>	<ol style="list-style-type: none"> <li>1. At least 10 meetings attended for UNFCCC negotiations, COP Bureau Meetings, and GEF Constituency meetings;</li> <li>2) At least 20 Coordination meetings of Alliance of Small States (AOSIS) and PSIDS technical negotiations;</li> <li>3) Submission of 3rd National Communication Report to UNFCCC;</li> <li>2. Submission of Biennial Update Report to UNFCCC</li> </ol>	<p>Achived</p>	<ul style="list-style-type: none"> <li>• 80% Completed</li> <li>• PACRES Completed and Closed.</li> <li>• BUR Completed and Launched during Environment Week 2023.</li> <li>• Climate and Gender Strategy opleted through the TNC/ FBUR Project.</li> <li>• Communication Strategy for Climate Change completed.</li> <li>• GHG Inventory for 21/22 Commenced its development.</li> </ul>
<p>Effective engagement and collaboration in regional and international climate change conventions and fora</p>	<ol style="list-style-type: none"> <li>1. At least 10 meetings attended for UNFCCC negotiations, COP Bureau Meetings, and GEF Constituency meetings;</li> <li>2. At least 20 Coordination meetings of Alliance of Small States (AOSIS) and PSIDS technical negotiations;</li> <li>3. Submission of 3rd National Communication Report to UNFCCC;</li> <li>4) Submission of Biennial Update Report to UNFCCC</li> </ol>	<p>Achived</p>	<p><b>Meetings Attended</b></p> <ul style="list-style-type: none"> <li>• SPREP Meeting (Apia Samoa)</li> <li>• UNGA (New York, USA)</li> <li>• Loss and Damage Ministerial Meeting (NY, USA)</li> <li>• PSIDS Pre COP28 (Apia, Samoa)</li> <li>• Ministerial Climate Change Meeting (Copenhagen, Canada)</li> <li>• Conference of Parties (COP28 – Dubai – UAE)</li> <li>• High Level Meeting for Climate Change Ministers – Fiji</li> <li>• AOSIS Coordination Meeting (Dubai) GEF Constituency Meeting (Canada)</li> <li>• SIDS Loss and Damage Workshop – SPREP (Apia Samoa)</li> <li>• SBSTA and SBS Session – Bonn</li> <li>• Pacific Resilience Partnership Regional Workshop (Apia Samoa)</li> <li>• Ministerial PreCOP28 (Abu Dahbi – UAE)</li> <li>• AOSIS and PSIDS coordination meetings are attended throughout the year but all negotiators in each UNFCCC COP Thematic areas</li> </ul>

<p>Strengthened stakeholder and community engagement</p>	<ol style="list-style-type: none"> <li>1. Quarterly update of the National climate change report card;</li> <li>2. Five (5) stakeholder consultations including technical trainings (GHG inventory, V&amp;A assessment, Gender and Climate Change, international negotiations for UNFCCC, IPCC etc) completed.</li> </ol>	<p>Achieved</p>	<p>The report card now has been changed to “Climate Bulletin”.</p> <ul style="list-style-type: none"> <li>• National Post COP28 Workshop</li> <li>• Communication Strategy for Climate Change Inception and Validation Workshop</li> <li>• Climate Action Day – Youth Panel and Discussion during Environment Week</li> <li>• National PreCOP28 Workshop</li> <li>• Presentation for the GIG (Global Immersion Guarente. - Monash University)</li> <li>• Presentation for the SUNGO as part of their Project Development session.</li> <li>• Presentation to the Samoa Medical Association for the “GEF Process and Requirements”</li> <li>• Consultation for the Validation of the Climate and Gender Strategy</li> <li>• BGI – GEF 8 Validation Workshop</li> <li>• Communication Strategy for Climate Change Inception and Validation Workshop</li> <li>• Climate Action Day – Youth Panel and Discussion during Environment Week</li> <li>• National PreCOP28 Workshop</li> <li>• Presentation for the GIG Monash University</li> </ul>
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## SUB - OUTPUT 02.

### ENVIRONMENT SECTOR COORDINATION DIVISION

The [Environment Sector Coordination Division](#) led by ACEO Amituanai Moira Faletutulu consist of;

1. Monitoring and Evaluation Section
  - 1 Principal Officer
  - 1 Senior Officer
  - 1 Officer
  - 2 Project Officers

#### ACHIEVEMENTS

- The main highlights for the year include the completion and finalization of the State of the Environment Report 2023 and the National Environment Sector Plan 2023 – 2027. Both reports have been submitted for the endorsement of Cabinet before the official launching.
- The National Environment Week 2023 was successfully commemorated on November 6th – 11th 2023 on the theme, “Louder Actions to build back our environment.” The week-long celebration celebrated the various themes of significance including Marine and Terrestrial Biodiversity, Land Resources, National Tree planting campaign, Climate Action Dialogue, Disaster Risk Resilience and Management, National Environment Forum, Wetland Conservation, Renewable Energy Promotion and National Environment Awards. The celebration invited the participation and involvement of all sector stakeholders including government ministries, private sector, NGOs, civil society, youths and school children.



- The completion of the United Nations Joint SDG Fund Project activities concluded with a final GIS Ocean Accounting Workshop for the sector stakeholders held in March 2024.
- The Sector Projects Review Program held on May 28th 2024 brought together the sector stakeholders and NGOs to present on their respective activities and projects, and also an opportunity to share the challenges encounter and the solutions, resources, experiences and best practices to continuously build and strengthen the partnerships going forward.

Key Performance Indicators and Results extracted from Budget FY23/24

Performance Measure / Indicator	Budget Standard or Target	Traffic Light Progress Indicator	Comments
Effective Sector Wide Coordination	<ol style="list-style-type: none"> <li>1. Quarterly NESSC Meetings</li> <li>2. 6-monthly site visits</li> <li>3. 1 x Coordination</li> <li>4. Forum with NGOs</li> </ol>	Partially Achieved	<ul style="list-style-type: none"> <li>• Quarterly meetings of the NESSC are contingent to the NESP therefore cannot be undertaken as NESP development is in progress. Two special meetings of the NESSC took place in December 2023 for initial review of the draft NESP and again on March 1st 2024 for validation and endorsement prior to submission for Cabinet endorsement. NESSC 6 monthly site visit did not take place.</li> <li>• A Sector Review Workshop took place on May 28th 2024. The event focused on progress updates for all sector projects implemented by MNRE Divisions and also the Projects implemented by Sector NGOs. It also allowed as platform for sharing of experiences and challenges faced by all partners, and identifying potential avenues of collaboration and sharing of resources.</li> </ul>
Effective and robust sector wide planning, performance monitoring and evaluation	<ol style="list-style-type: none"> <li>1. 4th SOE Report launched</li> <li>2. NESP 2023-2027 launched</li> <li>3. Sector DRM Plan launched</li> <li>4. 10th Sector Annual Review completed</li> <li>5. Quarterly Projects updates prepared</li> <li>6. 6-monthly consolidated MEAs Reports prepared</li> <li>7. GCF VCP Output 2.2 Coordination,</li> <li>8. UN Joint program for Ecosystem Services coordination</li> </ol>	Partially Achieved	<ul style="list-style-type: none"> <li>• Cash for Work staff onboard and commenced work for PES. EbA monitoring continuing for remaining projects. PES Taskforce in place, TOR for TA to draw Foundation TOR and set up has been drafted to be finalized and launched by mid-March. Conservation plan for Malololelei PES site has been endorsed and officially signed by all landowners in June 2024.</li> <li>• The Oceans Accounting Workshop took place in March 2024 as one of the last activities to be completed.</li> </ul>

Effective and efficient sector capacity building and trainings	1. Capacity Building Plan launched	Partially Achieved	<ul style="list-style-type: none"> <li>The Contract has been awarded and signed on May 17th 2024.</li> </ul>
Enhanced Sector Communication, Stakeholder / Community Engagement and Awareness	<ol style="list-style-type: none"> <li>Sector Communication plan implemented</li> <li>National Environment Week (NEW) 2023 commemoration</li> </ol>	Achieved	<ul style="list-style-type: none"> <li>Several Awareness campaigns were completed for the sector including social media awareness talk shows, mainstream media programs, community outreach, school awareness and promotional programs.</li> <li>The National Environment Week (NEW) 2023 was commemorated on Nov 6th - 10th 2023</li> </ul>

## SUB - OUTPUT 03.

### RENEWABLE ENERGY DIVISION

The [Renewable Division](#) is currently headed by ACEO Vainalepa Toiata Apelu Uili and its structure includes two (2) Sections:

#### 1. Renewable Energy Section

- 1 Principal Renewable Energy Officer
- 1 Senior Renewable Energy Officer
- 1 Renewable Energy Officer

#### 2. IMPRESS Project

- 1 Project Coordinator
- 1 Principal Procurement and Administration Project Officer

#### ACHIEVEMENTS

- Renewable energy team carried out its Quarter 2 school awareness campaign both in Upolu and Savaii from the 19th – 22nd June 2023.
- Renewable energy team together with the help of its relevant stakeholders hosted a NDC Partnership coordination meeting on the 19th July 2023. The main objective of this mission/meeting was to track the progress of each target and activities related to our national NDC goals.
- Ms Fefiloi Renate Kerstin attended the Fifth Meeting of the ISA Regional Committee for Asia and the Pacific Region in Abu Dhabi from the 24th – 26th July 2023.
- CFAN through Renewable Energy Division hired ESMOL company from New Zealand to carry out an energy audit from the 31st July – 4th August 2023 using the selected buildings – Development Bank of Samoa, TATTE building and Amoa Resort in Savaii.
- IMPRESS project hosted a meeting with the UNDP team and RED to introduce the Financial Expert that was hired through the project to develop the Financial Scheme for Renewable Energy Projects – Ms Jennifer Henderson. This was followed by the One to One sessions with the relevant stakeholders and a workshop to finalize the expert's report on her findings.
- Ms Vainalepa Toiata Uili attended the PSIDS Pre-COP meeting held at SPREP from the 11th – 13th October 2023
- Official handover of the electric vehicle procured under the IMPRESS project to MNRE from UNDP – 16th October 2023.
- The Renewable Energy Division was part of the Environment Week celebration by hosting a Traditional song & dance competition between the selected youths. This was held on the day2 of the Environment Week – 7th November 2023.
- Ms Vainalepa Toiata Uili attended the COP28 in Abu Dhabi together with the delegation from Samoa on the 23rd November 2023
- A special workshop was held on the 8th December 2023 to officially close the IMPRESS project and mark its achievements.
- A disbursement of solar street lights that were fully funded under the ISA phase one project was carried out for Savaii from the 18th – 20th January while the disbursement for Upolu was carried out from the 12th – 14th March 2024.

- A community outreach program was rolled out with relevant stakeholders on rehabilitation and replanting of Samoa's Agroforestry lands for Saleilua of Upolu on the 21st May and Safotu of Savaii on the 24th May 2024. This program was to activate Samoa's target under the AFOLU sector in the 2nd enhanced NDC that by the year 2030, Samoa's agriculture land will expand to additional 5% of its agroforestry development.
- Renewable energy division together with its relevant stakeholders and donor partners launched its first 100% renewable energy electric vehicle charging station at Matagalalua on Friday 21st June 2024. This was successfully constructed by Vagana Electrical Engineering Solutions and funded by the UNDP through the IMPRESS Project.

#### Key Performance Indicators and Results extracted from Budget FY23/24

Performance Measure / Indicator	Budget Standard Or Target	Traffic Light	Comments
Improved community RE programs	2	Achieved	<ul style="list-style-type: none"> <li>• More solar streetlights have been procured under the ISA funding and have been disbursed to the allocated communities that have requested for both Savaii and Upolu.</li> <li>• Successful completion and launched of electric vehicle charging station at Matagalalua</li> <li>• More home-biogas systems have been installed at household levels such as Maagiagi, Lailii etc.. as per requests from the public.</li> <li>• Financial scheme have been successfully developed by a financial expert hired under the IMPRESS project with the help of relevant stakeholders</li> </ul>
Effective implementation of National RE Policy, Low Emissions Development Strategy and 2nd enhanced NDC roadmap	2	Achieved	<ul style="list-style-type: none"> <li>• Energy efficiency programs for the Tourism Sector and Agroforestry community outreach program for the AFOLU sector have been carried out with relevant stakeholders and donor partners.</li> </ul>
Enhanced Sustainable Energy Research and Development	100% completed	Achieved	<ul style="list-style-type: none"> <li>• PAWES – undertaking research on waste to energy projects.</li> <li>• Successful launching of the E-vehicle procured under the IMPRESS project.</li> </ul>
Enhanced Stakeholders and Community Engagement on Renewable Energy	5	Achieved	<ul style="list-style-type: none"> <li>• On-going school awareness campaigns and community outreach programs every quarter.</li> <li>• Successful commemoration of Samoa's National Renewable Energy Day celebration every 4th quarters of every year.</li> </ul>
Enhanced and Sustained Development Partnerships	5	Achieved	<ul style="list-style-type: none"> <li>• Two advisors on board from CFAN and UK program advisor house under the RED division.</li> <li>• Successful approval of Samoa as GGGI member</li> <li>• On going virtual meetings with ISA and engagement over phase 1 of funded projects and for phase 2 coming up.</li> </ul>

## OUTPUT 02.

### MINISTERIAL SUPPORT DIVISION

The [Ministerial Support](#) is referred to as the Office of the Minister providing support to Hon Minister Toeolesulusulu Cedric Pose Salesa Schuster. This Office is organized into the following positions;

1. Principal Advisor
2. First Secretary
3. Second Secretary
4. Office Assistant
5. Driver

#### Key Performance Indicators and Results extracted from Budget FY23/24

Performance Measure / Indicator	Budget Standard Or Target	Traffic Light Progress Indicator	Comments
Number of Cabinet submissions and STSC submissions processed through the Minister's Office	100	Achieved	<ul style="list-style-type: none"> <li>· 74 (STSC)</li> <li>· 78(PK)</li> </ul>
Number of public enquiries / complaints and requests for assistance from the Office of the Minister	100	Achieved	<ul style="list-style-type: none"> <li>· 320</li> </ul>
Number of High Level Meetings attended by the Minister / (Associate Minister)	20	Achieved	<ul style="list-style-type: none"> <li>· 59 includes all possible high level bilateral/ regional/multilateral meetings attended by Minister however 15 if just ministerial level meetings.</li> <li>· 1 meeting attended by Associate Minister</li> </ul>
Number of MNRE Boards Meetings facilitated (Forestry, Land Board, Water Board, Geographic Name Board)	24	Partially Achieved	<ul style="list-style-type: none"> <li>· 7 Land Board meetings including a special meeting</li> <li>· 3 Forestry Board Meeting</li> <li>· 2 GNS Board meeting</li> <li>· 2 Water Resources Board meeting</li> </ul>
Ministerial Advisory Committee meetings ( Upolu and Savaii )	20 meetings & 2 site visits	Achieved	<ul style="list-style-type: none"> <li>· 24</li> </ul>

## OUTPUT 03.

### LAND MANAGEMENT DIVISION

The [Land Management Division \(LMD\)](#) under the leadership of ACEO Taituuga Peleti Salanoa is organized into seven (7) sections;

1. Government Land Section
2. Customary Land Lease,
3. Land Development Section,
4. Land Registry Section,
5. Land Valuation Section,
6. Land Commission and
7. Customary Land Advisory Commission.

- 3 Principal Officers
- 4 Senior officers,
- 6 Officers,
- 14 Assistants and
- 2 Project Officers.

#### ACHIEVEMENTS

##### 3.1 GOVERNMENT LAND LEASE SECTION

Number of Land Board Meetings conducted; The Land Board managed to carry out eight (8) Board Meetings for this FY. It is an increase number of Land Boards compared to FY 2022-2023. The Land Board is entitled monthly meeting to discuss and approve matters which relates to government lands.

**Table 1:** Land Board Meetings

No. of Meeting S Carried Out	8
No. Meetings Carried Out	152
No. of Applications Approved	86
No of Application Deferred	66

##### Land Leases collected

The collection for FY2023/2024 was increased by 5% with the amount of \$55,991.7 compare to the revenue of FY 2022-2023. Leases at Miscellaneous consists the highest collection because majorities are businesses with high lease charge per year compare with other areas of residential and agriculture. The amount of \$1,456.00 included fees for Lease statements, copies and consent Letters for Government Land Lease.

**Table 2:** Revenue from Government Land Leases

SUMMARY	2022-2023	2023-2024
Aleisa	\$ 141,390.80	\$ 138,404.50
Tanumalala	\$ 49,216.40	\$ 36,753.70
Miscellaneous	\$ 1,103,754	\$ 1,159,473
Reclamation	\$ 120,470	\$ 98,720
Nuu	\$ 2,610	\$ 5,725
Toomatagi	-	\$1600.00
Afiamalu	\$ 11,142.30	\$30,579
Tiavi	\$ 2390	\$ 490
Laloanea	\$ 14,100	\$ 33,959
Motootua	-	\$1000
Apia Park	\$ 10,870	\$ 4200
Paper Work	\$ 2500	\$ 2500
Other (Copy/Lease Statement)	\$ 425	\$1,456
<b>TOTAL</b>	<b>\$ 1,458,868.50</b>	<b>\$ 1,514,860.20</b>

##### Burial Plots

Revenue collected from Government Burial Plots increased by 27.5% with the amount of \$47,100.00 compare to the FY 2022/2023 from \$41,850.00. 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 Tafaigata and Vailele as they have several plots available for purchase. Whereas Magiagi and Tafaigata cemetery collected the least revenue as they have limited plots existed.

**Table 3:** Revenue Collected from Burial plots

Location	Revenue	
	2022-2023	2023-2024
Tafaigata	\$ 18,000.00	\$ 32,400.00
Vailele	\$ 22,500.00	\$ 14,700.00
Magiagi	\$ 1,350.00	-
Tufuiopa	-	-
<b>TOTAL</b>	<b>\$ 41,850.00</b>	<b>\$ 47,100.00</b>

### Total Revenue Collected

**Table 4:** Total Revenue from the Government Land Section

SUMMARY	2022-2023	2023-2024
Burial Plots	\$ 41,850.00	\$ 47,100.00
Lease Payments	\$ 1,458,868.50	\$ 1,514,860.20
<b>TOTAL</b>	<b>\$ 1,500,718.50</b>	<b>\$ 1,561,960.20</b>

### Government Land Access Road Construction and Walkways at Tafaigata.

A budget of 300,000 was set aside for construction of access roads for government lands currently leased to the public for FY2023/2024. The tenders for constructing of Tafaigata road and walkway(slabs) was awarded to 3T's Construction Ltd and Falevi Petana Construction to spend the budget,By the end of this Financial Year six(6) walkways and one access road inside Tafaigata's public cemetery was completed in the following areas.

### 3.2 Customary Land Lease Section

**Table 5 :** Revenue from the 5% Commission in Leasing Customary Land and other services for period 2023 – 2024 compared to 2022 – 2023.

Total Revenue from 5% commission (\$)			
Month	2022-2023	Month	2023-2024
July 22	\$16,285.38	July 23	\$11,617.71
Aug 22	\$18,526.67	Aug 23	\$18,716.35
Sept 22	\$9557.77	Sept 23	\$9,047.77
Oct 22	\$5949.39	Oct 23	\$7672.38
Nov 22	\$7368.26	Nov 23	\$11,289.33
Dec 22	\$2232.02	Dec 23	\$3532.95
Jan 23	\$6292.46	Jan 24	\$5019.05
Feb 23	\$8932.30	Feb 24	\$3946.63
March 23	\$6003.81	March 24	\$2834.60
April 23	\$6132.91	April 24	\$2254.59
May 23	\$8705.36	May 24	\$5865.32
June 23	\$1723.55	June 24	\$2097.97
<b>TOTAL</b>	<b>\$97,709.88</b>	<b>TOTAL</b>	<b>\$83,893.65</b>

**Table 6 :** New Customary Land Leases and Licenses Financial Year 2023–2024

LESSEE	VILLAGES	TALLY
China Civil Engineering Construction Corporation License	Siumu	2
Digicel	Tuaefu	1
God of Love-End Time Seventh Day Samoan Church	Faleasiu	
LDS	Satalo, Falealii	1
	Satupaitea	
MET	Sataua	1
SWA	Vailoa Aleipata	1
	Gataivai	1
<b>TOTAL FY 2023 - 2024:</b>		<b>9</b>
<b>TOTAL FY 2022 - 2023:</b>		<b>13</b>

There is a decrease in the number of new leases for this financial year compared to last year as shown in the table above. Reason being, only a few new leases have been approved but some are being objected and are being dealt with by the Land and Titles Court.

### 3.3 LAND POLICY DEVELOPMENT SECTION

The Land Policy and Development Section is responsible for developing policies on the sustainable development and management of lands and soil resources.

All decisions made by the Minister and the Chief Executive Officer, are based on the advice provided by this section, through the Assistant Chief Executive Officer (ACEO-LM).

The Section also serves as the primary focal point for the coordination and implementation of the United Nations Convention to Combat Desertification (UNCCD) at the national level, specifically addressing the causes and impacts of land degradation as it affects Samoa and Pacific Small Island Developing States (SIDS) The Section's core & administrative functions are performed by mandate under the Land Management Division, and includes:

- Formulating, reviewing, and implementing policies related to land use that consider the environmental significance of land as a natural resource for all stakeholders.

- Administering sand mining applications, regulating operations for individuals, communities, and commercial purposes in accordance with established policies, environmental practice codes and laws
- Responsible for the administration of temporary stalls, signage, billboards, and other activities that utilize government-owned land in the Apia town area.
- Facilitating and managing the process of reclamation applications, including site visit assessments to produce preliminary assessments and environmental reports prior to submitting to the Land Board for its respective consideration and approval.
- Coordinating and implementing activities related to the UNCCD, addressing issues and projects relevant to land degradation.

### 3.3.1 SANDMINING ACTIVITY.

- The table below presents the revenue accrued during this financial period. There has been a decrease in individual applicants but an increase in commercial applicants, resulting in a substantial profit compared to the revenue earned in the previous financial year (2022-2023).
- Revenue for 2022-2023 is \$2,290.00, and for 2023-2024, it has increased to \$9,580.00, resulting in a surplus of \$7,290. The demand for sand resources for commercial operations is significant in support of government projects such as road maintenance, brick making, and building renovations, in preparation for the CHOGM in October 2024, as well as the government's million-dollar projects aimed at benefiting the citizens of Samoa.

2022-2023			
Month	Permit Issued	Volume	Revenue
July 2023	1	19	\$ 50.00
Aug 2023	2	30	\$ 250.00
Sept 2023	6	69	\$ 345.00
Oct 2023	8	136	\$ 605.00
Nov 2023	4	52	\$ 370.00
Dec 2023	1	10	\$ 50.00
Jan 2024	0	0	-
Feb 2024	3	26	\$ 130.00
Mar 2024	5	60	\$ 300.00
Apr 2024	1	6	\$ 30.00
May 2024	2	12	\$ 60.00
June 2024	1	20	\$ 100.00
<b>TOTAL</b>	<b>34</b>	<b>440m3</b>	<b>\$2,290.00</b>

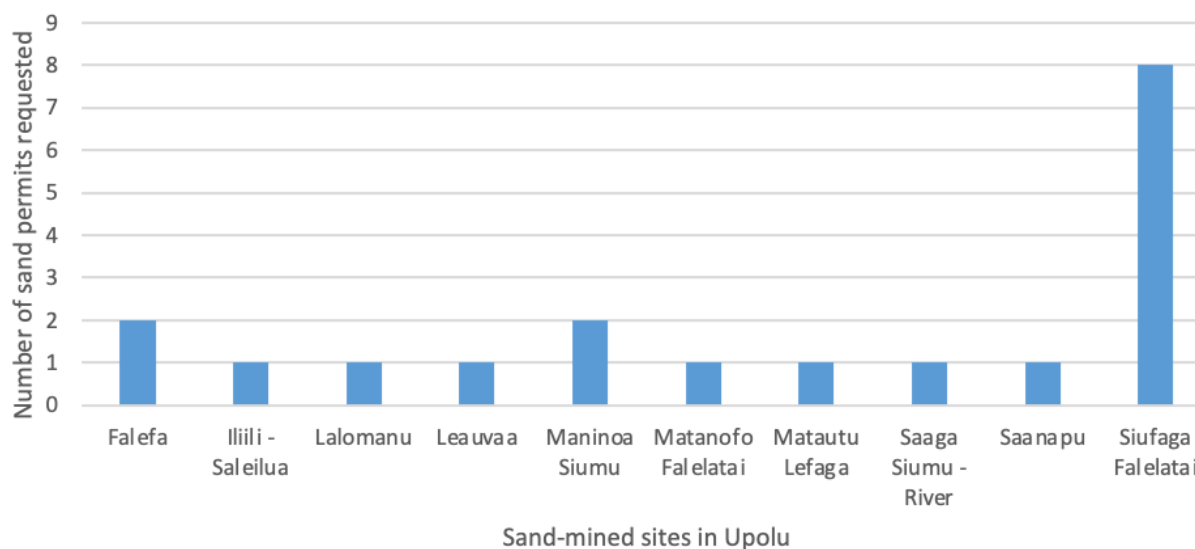
2023-2024						
Month	Permits Issued		Volume		Revenue	
	Commercial	Individual	Commercial	Individual	Commercial	Individual
July 2023	1	3	250	33	2500.00	165.00
Aug 2023	1	0	10	0	100.00	0.00

Sept 2023	1	2	20	13	200.00	65.00
Oct 2023	0	1	0	5	0.00	25.00
Nov 2023	0	3	0	50	0.00	250.00
Dec 2023	0	1	0	24	0.00	120.00
Jan 2024	1	0	250	0	2500.00	0.00
Feb 2024	1	0	0	5	0.00	25.00
Mar 2024	1	3	20	70	200.00	350.00
Apr 2024	0	2	0	11	0.00	55.00
May 2024	2	0	300	0	3000.00	0.00
June 2024	0	1	0	5	0.00	25.00
	<b>8</b>	<b>16</b>	<b>850m<sup>3</sup></b>	<b>216m<sup>3</sup></b>	<b>\$8,500.00</b>	<b>\$1,080.00</b>
<b>Grand Total</b>					<b>\$ 9,580.00</b>	

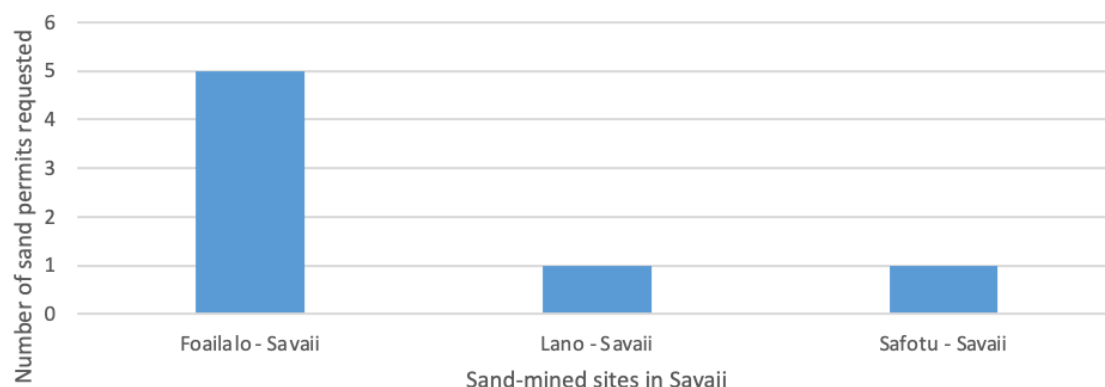
The graphs below illustrate the areas around the country where permits for sand mining are most frequently needed for various development activities. Analysis indicates that Siufaga, Falelatai is the most accessed site for sand mining due to its easy accessibility to the sea.

In Savaii, the Foailalo village of Itu Salega has seen the majority of permit approvals, primarily due to the accumulation of sand resources in that area.

### Total of Sandmining requests in Upolu July 2023-June 2024



### Total of Sandmining requests in Savaii from July 2023-June 2024



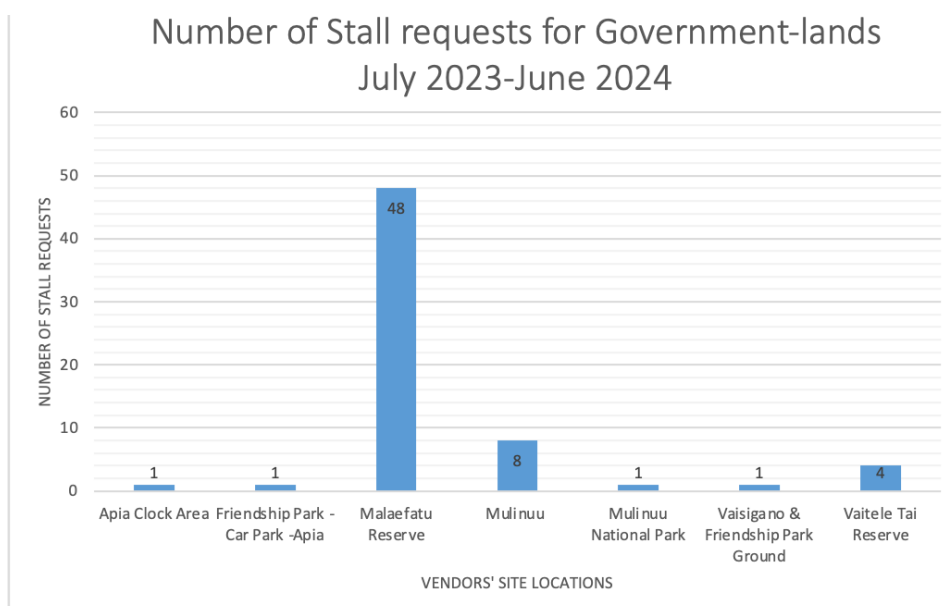
### 3.3.2. STALLS ACTIVITY OPERATIONS

The administration of temporary stalls and other vendor activities utilizing government lands in the Apia town area continues to be regulated by the Section. A total revenue of \$11,550.00 has been earned, compared to \$7,400.00 from the previous year.

This financial year showed a significant increase in collected revenue due to the construction of a new market at Savalalo, prompting many vendors to operate at Malaefatu reserve at Sogi during the White Sunday season and Mother's Day in May. The surplus earnings from stall vendors for this financial year amounted to \$4,150.00.

**Table 7** – Stall Activities using Government land spaces/areas in Apia Town area

MONTH	2022 - 2023		2023 - 2024	
	No. of Permits Issued	Revenue	No. of Permits Issued	Revenue
July 2023	5	870.00	2	40.00
Aug 2023	2	520.00	4	120.00
Sep 2023	1	150.00	12	3090.00
Oct 2023	3	1660.00	5	400.00
Nov 2023	5	170.00	2	40.00
Dec 2023	1	20.00	0	0.00
Jan 2024	3	180.00	1	450.00
Feb 2024	0	0.00	1	20.00
Mar 2024	2	100.00	2	720.00
April 2024	4	240.00	12	2510.00
May 2024	24	3180.00	20	4060.00
June 2024	4	310.00	3	100.00
<b>TOTAL</b>	<b>54</b>	<b>\$ 7,400.00</b>	<b>64</b>	<b>\$ 11,550.00</b>



### 3.3.3 BILLBOARDS / SIGNAGES

The administration of temporary installations of billboards and signages on government lands is another regulatory activity of the Section. The consideration process includes assessing applications, conducting site visits to determine the appropriateness of locations, and processing licenses for legal installations. Follow-up on annual payments based on the permitted duration for using government land is also responsible for by the staff.

**Table 8 – BILLBOARDS and SIGNAGE INSTALLATIONS ON GOVERNMENT LANDS**

The total revenue earnings for this financial year (2023-2024) is \$2,750.00, as most billboards serve advertising and awareness purposes for organizations and companies.

Financial Year	Status of Consideration		
	Applicant	No. of License issued	Amount Paid
2022 - 2023	Taula Bevarage Company	1	400.00
	Ekalesia Katoliko Nofaalii	1	200.00
<b>TOTAL</b>		<b>2</b>	<b>\$ 600.00</b>
2023 - 2024	Samoa Freedom Organization	1	100.00
	MNRE (DEC)	1	Exempt
	ROSS Company LTD	1	150.00
	H. Super Tyre	1	1,000.00
	MNRE –Forestry Division	2	Exempt
	SFESA	3	1,500.00
<b>TOTAL</b>		<b>9</b>	<b>\$ 2,750</b>

### 3.3.4 RECLAMATION ACTIVITIES

Reclamation Applications are facilitated by the Section whereby stakeholders (public & private) are required to apply for RECLAMATION PERMIT to reclaim the coastal seas, rivers and lakes, and/or any swamp areas.

This is one of the core functions of the section as every reclamation proposal goes through the PUMA development consent process for screening and approval. The process administered by the Section to consider any reclamation proposal includes the receipt of applications and an administration fee

of \$500.00, then followed by public notification through the Savali Newspaper, and, if no objections arise, conducting a preliminary environmental assessment report of the proposed site. Once all documentation is compiled, it is submitted to the Land Board for their decision. The revenue collected in the previous financial year was \$5,500.00, while for 2023-2024, as shown in the table below, revenue has increased by \$500.00 from 12 applications, totaling \$6,000.00.

**Table 9 – RECLAMATION APPLICATIONS & ACTIVITIES**

MONTH	2022 - 2023		2023 - 2024	
	No. of Applicants	Revenue	No. of Applicants	Revenue
July 2023	1	500.00	2	1000.00
Aug 2023	2	1000.00	2	1000.00
Sep 2023	1	500.00	4	2000.00
Oct 2023	0	0.00	0	0.00
Nov 2023	0	0.00	0	0.00
Dec 2023	0	0.00	0	0.00
Jan 2024	0	0.00	1	500.00
Feb 2024	2	1000.00	2	1000.00
Mar 2024	1	500.00	0	0.00
Apr 2024	2	1000.00	1	500.00
May 2024	1	500.00	0	0.00
June 2024	1	500.00	0	0.00
<b>Total</b>	<b>11</b>	<b>\$ 5,500.00</b>	<b>12</b>	<b>\$ 6,000</b>

### 3.3.5 POLICY DEVELOPMENT & IMPLEMENTATION

Another core function of the Land Development Section is the development and review of land policies pertaining to sand mining, reclamation, stalls, billboards, and all other land lease policies. The section has commenced the review of existing sand mining and reclamation policies and is currently in the internal consultation phase prior to submitting for cabinet approval.

Moreover, the formulation of the National Land Use and Soil Resource Policy is underway. The Terms of Reference (TOR) for consultancy work to develop this policy have been completed, and the principal staff is presently leading the draft process. The Land/Soil Resources Management Bill 2024 is under review by the Ministry and the Attorney General, which aims to establish a responsible body while incorporating relevant provisions to sustainably manage soil resources and promote sustainable land management practices.

### 3.3.6 UNCCD IMPLEMENTATION

At the regional and international levels, the United Nations Convention to Combat Desertification (UNCCD) as a Multilateral Environment Agreement (MEA) which Samoa is a Party to, emphasizes the critical role of soil health in ensuring the sustainability of land and land-based resources. For 2023-2024, the UNCCD theme focuses on "Land. Life. Legacy." This theme underlines the interconnectedness of people's livelihoods, ecosystem health, and cultural heritage. By advocating for the protection and restoration of land, the Convention seeks to combat land degradation, which disproportionately affects vulnerable populations in the Pacific, where the impacts of climate change, such as increased droughts and desertification, are increasingly evident.

Addressing land degradation neutrality (LDN) is particularly essential for the Pacific and its dry regions, as these areas face significant environmental and socio-economic challenges. The region's reliance on agriculture and natural resources makes it susceptible to the impacts of drought, which can lead to diminished food security, loss of livelihoods, and increased poverty. Implementing sustainable land management practices that enhance soil health is vital in building resilience against these impacts, fostering sustainable development, and ensuring that land can continue to provide

for current and future generations. Additionally, proactive measures will help mitigate the effects of drought, allowing communities to adapt to changing environmental conditions while maintaining their cultural ties to the land.

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### 3.4 LAND REGISTRATION SECTION

For information, 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 and a few to mention. It assists 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 Registration Act 2008.

Accordingly, the total revenue recorded for this Financial Year 2023-2024 is \$292,853.00 .In comparison to the revenue amount recorded in the last Financial Year 2022-2023, there is an increase difference of \$4,124.00. The tables below summarize in details the figures of all the services that were achieved. As recorded, the total revenue generated from registration legal instruments lodged within this period is \$247,100.00 (see table 1). Other paid registration services as recorded (see table 2), generated the total amount of \$10,800.00. For the daily printing & certification of land records and Computer Folio Certificates services, an approximation amount recorded is \$26,483.00 (see table 4). Lastly, a recorded revenue amount of \$8,210.00 (see table 4) accounts for the Registration Forms printed upon request from the public, Law Firms & all relevant stakeholders.

The Registrar's internal services are all exempted of \$100.00 registration fee. The recorded amount of Registrar's services in this financial year is 1,085.

#### Revenue Generated Registration Services (External)

CARRY FORWARD FY22/23		LODGED FY23/24	REGISTERED	ONGOING	REQUISITION	CANCEL	TOTAL	REVENUE FY22/23
Assignment of Lease	0	8	8	0	0	0	8	\$ 800.00
Change Rights or Registration	0	25	22	0	0	2	25	\$ 2,500.00
Discharge of Mortgage	1	605	600	0	2	6	608	\$ 60,500.00
Record Caveat	2	93	88	4	12	0	104	\$ 9,300.00
Record Court Order	0	2	2	0	0	0	2	\$ 200.00
Record Customary Land Lease	0	4	4	0	0	0	4	\$ 400.00

Record Freehold Land Lease	0	115	115	0	0	0	115	\$ 11,500.00
Record Government Land Lease	0	21	21	0	0	0	21	\$ 2,100.00
Record Miscellaneous	0	8	6	1	1	1	9	\$ 800.00
Record Mortgage	6	540	540	2	13	3	558	\$ 54,000.00
Record Transmission	1	110	109	2	3	0	114	\$ 11,000.00
Removal of Caveat	0	26	26	0	1	0	27	\$ 2,600.00
Termination of Lease	0	28	28	0	2	0	30	\$ 2,800.00
Transfer of title	8	814	812	4	22	6	844	\$ 81,400.00
Variation of Lease / Sub-Lease	0	1	0	0	1	0	1	\$ 100.00
Variation of Mortgage	0	71	70	0	2	0	72	\$ 7,100.00
<b>Total</b>	<b>18</b>	<b>24716</b>	<b>2451</b>	<b>13</b>	<b>59</b>	<b>18</b>	<b>2542</b>	<b>\$ 247,100</b>

**Table 11** : FY23/24 Other Paid Services

SERVICES	CARRY FORWARD FY22/23	LODGED FY23/24	REGISTERED	ONGOING	REQUISITION	CANCEL	TOTAL	REVENUE FY22/23
Record Power of Attorney	5	106	100	3	5	3	111	\$10,600.00
Record Standard Memorandum	0	1	1	0	0	0	1	\$100.00
Revoke Power of Attorney	0	1	0	0	0	1	1	\$100.00
<b>Total</b>	<b>4</b>	<b>108</b>	<b>101</b>	<b>3</b>	<b>5</b>	<b>4</b>	<b>113</b>	<b>\$10,800.00</b>

**Table 12** : FY23/24 Non-Revenue Generated Registration Services (Registrar's Internal Services)

SERVICE	2022/2023	LODGED FY23/24	REGISTERED	CANCELLED	ONGOING	REQUISITION	TOTAL
Cancel Memorial	0	39	37	2	0	0	39

Cancel Miscellaneous	0	5	2	3	0	0	5
Cancel Mortgage Under Power of Sale	0	9	9	0	0	0	9
Cancel Title	4	147	141	4	0	6	151
Cancel Transmission	0	22	14	8	0	0	22
Change Estate Type	0	3	2	1	0	0	3
Convert to Title	0	18	17	1	0	0	18
Correct Registry	0	158	147	11	0	0	158
Correct Registry/Cancel Right	0	50	47	3	0	0	50
Create New Title	0	532	496	5	0	31	532
Government Land Board Transfer	0	2	2	0	0	0	2
Lapsed Caveat	0	29	29	0	0	0	29
Record Easement	0	9	9	0	0	0	9
Record Memorial	0	53	53	0	0	0	53
Terminate Government Lease or Customary Lease	0	5	5	0	0	0	5
<b>Total</b>	<b>4</b>	<b>1081</b>	<b>1010</b>	<b>38</b>	<b>0</b>	<b>37</b>	<b>1085</b>

**Table 13** : Searches & Form Services (Searches & Registration Forms)

SERVICES	REVENUE
SEARCHES (COMPUTER FOLIO CERTIFICATES) A4 & A3 COPIES	\$ 26,483.00
REGISTRATION FORMS (\$5 PER FORM)	\$ 8,210.00
<b>TOTAL</b>	<b>\$ 34,693.00</b>

**Table 14** : Total Revenue Earned by Land Registration Section in FY23/24

SECTION SERVICES	REVENUE
REGISTRATION SERVICES	\$ 247,100.00
OTHER PAID REGISTRATION SERVICES	\$ 10,800.00
COPIES & REGISTRATION FORMS	\$ 34,683.00
<b>TOTAL REVENUE FY23/24</b>	<b>\$ 292,583.00</b>

### 3.5 LAND VALUATION SECTION

**Table 15** : Valuation Work and Revenue

Valuation Tasks	Total Number	Total Revenue
Individuals	311	\$ 147,650.00
Total Valuation work	311	\$ 147,650.00
<b>Additional information</b>		
APC – registered valuers @ \$250	4	\$ 1000
<b>TOTAL</b>		<b>\$ 148,650.00</b>

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

**Table 16** : Stamp Duty works and revenue

Instrument(s)	Number of Instruments	Total Revenue
Transfer	785	\$ 4,549,630.68

**Table 17** : Valuation Revenue Collection

Valuation work	\$ 148,650.00
Stamp Duty	\$ 4,549,630.68
<b>Total Revenue Collection</b>	<b>\$ 4,698,280.68</b>

### 3.6 LAND COMMISSION SECTION

Land Titles Investigation Act 1966, was established to authorize the setting up of a Commission, to investigate and determine titles to certain lands, and claims there to;

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 2023/2024

**Table 18** : Revenue Collected from land claims lodged by the Claimants to the Land Commission

FY 2022-2023			FY 2023-2024		
Location	Claims 500 each	Objections 500 each	Location	Claims 500 each	Objections 500 each
3 Claims Submitted Claim 149 Claim 150 Claim 151	1. Land Claim Number 149 land at Letogo \$500.00 2. Land Claim Number 150 Land at Tiavi \$500.00 3. Land Claim Number 151 Land at Salelologa \$500.00	1 Objection for the Claim. \$500.00 each	1 Claim submitted. 1. Land Claim Number 155 - Land at Lepale Fasitoo Uta.	\$ 500	No Objection for the Claim.
Total revenue from Claim & Objections.	\$ 500	\$ 1000	Total Revenue	\$ 500	nil
<b>Total Revenue 2022-2023</b>		<b>\$ 1500</b>	<b>Total Revenue 2023-2024</b>		<b>\$ 1500</b>

### 3.7 CUSTOMARY LAND ADVISORY COMMISSION

**Table 19** : Consultations carried out FY 23-24

Date of Consultations	Location	Districts
1st Consultation	Tuesday 5th September 2023 Hall – Methodist Church Vailoa Aleipata	Aleipata Itupa-i-Luga & Aleipata Itupa-i-Lalo
2nd Consultation	Thursday 07th September 2023 Hall – Lotofaga Village	Lepa, Lotofaga & Falealili II
3rd Consultation	Tuesday 12th September 2023 Hall – EFKS Poutasi, Falealili	Falealili I & Siumu
4th Consultation	Thursday 14th September 2023 Hall – Methodist Church Nuusutia Safata	Safata I & Safata II
5th Consultation	Tuesday 13th February 2024 Hall – Methodist Church Manono-uta	Falelatai and Samatau & Aiga i le Tai
6th Consultation	Wednesday 21st February 2024 Hall – EFKS Falefa	Vaa – Fonoti & Anoamaa II

### TOTAL LAND MANAGEMENT REVENUE 2023/2024

Land Management Division	2022/2023	2023/2024
Government Land Administration Section	\$ 1,500,718.50	\$ 1,561,960.20
Customary Land Section	\$ 97,709.88	\$ 83,894.65
Land Development Section	\$ 8,390	\$ 18,330
Land Registry Section	\$ 247,100	\$ 292,583
Land Valuation Section		\$ 4,698,280.68
Land Commission Section	\$ 2,500	\$ 500
<b>TOTAL</b>		<b>\$ 6,655,548.98</b>

Key Performance Indicators and Results extracted from Budget FY23/24

Performance Measure	Budget Standard	Traffic Light	Comments
Enhanced sustainable management and development of land	<ol style="list-style-type: none"> <li>5 consultations conducted with communities to promote economic use of customary land</li> <li>Land and survey day national commemoration</li> </ol>	Partially Achieved	<ul style="list-style-type: none"> <li>Master plan has been put on hold, while g land from SLC and STEC</li> </ul>
Effective land administration services	<ol style="list-style-type: none"> <li>At least 1150 instruments registered as per Land Title Registration Act 2008.</li> <li>At least 60 valuation application processed and approved</li> <li>At least 5 land claims reviewed by Land Commission</li> <li>At least 450 instrument presented for stamping</li> </ol>	Achieved	<ul style="list-style-type: none"> <li>We received 2,542 documents for Registration. 2,451 documents completed and approved. 59 Documents Requisition for Correction, 18 Cancelled not Complied with LTRA 2008 and 13 progress to 2023–2024.</li> <li>We completed 311 Valuation works for this Financial Year 2023–2024.</li> <li>Only one (1) Land Claim Application Submitted and there was no objection filed against this Claim.</li> <li>There were 785 Instruments presented to the Ministry for Stamping in this FY 2023–2024.</li> </ul>
Effective and efficient land lease services.	<ol style="list-style-type: none"> <li>At least 20 applications for customary land lease and licensed processed and approved.</li> <li>At 100 applications for government land lease and licensed, land taken, reclamation approved by the Land Board.</li> <li>At least 100 applications for sand mining, scoria mining, sea reclamation, application for temporary use of government land for billboards, banners and stalls processed and approved</li> <li>At least 60 application for burial plots allocated and maintained</li> </ol>	Achieved	<ul style="list-style-type: none"> <li>We received 2,542 documents for Registration. 2,451 documents completed and approved. 59 Documents Requisition for Correction, 18 Cancelled not Complied with LTRA 2008 and 13 progress to 2023–2024.</li> <li>We completed 311 Valuation works for this Financial Year 2023–2024.</li> <li>Only one (1) Land Claim Application Submitted and there was no objection filed against this Claim.</li> <li>There were 785 Instruments presented to the Ministry for Stamping in this FY 2023–2024.</li> </ul>

<p>Enhanced community and stakeholder engagement</p>	<ol style="list-style-type: none"> <li>1. 5 consultations conducted with communities to promote economic use of customary land</li> <li>2. Land and survey day national commemoration</li> </ol>	<p>Achieved</p>	<ol style="list-style-type: none"> <li>1. There were 6 Consultations that were conducted in 2023–2024 with the Community around Upolu. We are planning to do another</li> <li>2. Consultations in Savaii for the next FY 2024–2025.</li> </ol>
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## OUTPUT 04.

### LAND TECHNICAL SERVICES DIVISION

The **Land Technical Division** is headed by ACEO Asi Peleiupu Fuata'i. The Division is organized into three (3) sections

1. Survey Section	3 x Principals
2. National Mapping Section	4 x Seniors
3. Survey Quality Assurance Section	5 x Officers, 12 x Assistants

#### ACHIEVEMENTS

##### 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

The Survey Section is also responsible for the establishment and maintenance and upgrading of the 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 is only one (1) Global Navigation Satellite System (GNSS) located at Fagalii airport which was known by the name Continuous Global Position System Stations (CGPS). The Survey Section is also responsible for the maintenance of the station.

The 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.

##### Issuance of Surveyors License and Annual Practicing Certificates

This financial year, seven (7) 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. Seiuli Ueligitone Seiuli - Private Surveyor
5. Safuta Toelau Iulio - MNRE
6. Asi Vitaoa Peleiupu Fuatai - MNRE
7. PesetaTupai Eseta Maualaivao - Private Surveyor
8. Levei Tanoi Auelua - Private Surveyor
9. Tuala Petania Tuala - MNRE
10. Ataataotaulelei S. Salanoa - Private Surveyor
11. 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 this FY2023-2024

Work Executed	Status	No. of Lots	Area
Redefinition Survey	8 Requests	13 lots	4.3982ha
Subdivision Survey	4 Requests 1 Completed	10 lots	10.3982ha
Other works	3 Land and Titles Court (LTC) and Land Commission. 1 Investigation Survey		
Established new survey points	18 requests 18 completed	59 New Survey Marks	

Revenue from License and GPS hire – FY2023-2024

REVENUE COLLECTED	NO.	FEE	TOTAL
SURVEYORS ANNUAL PRACTICE CERTIFICATES	8	\$ 200	\$ 1,600
HIRE OF GPS EQUIPMENT'S	41	\$ 200 - \$ 300	\$ 3,600
<b>TOTAL</b>			<b>\$ 5,200</b>

The Survey Quality Assurance is responsible in receiving and reviewing of all survey plans lodge by Licensed Surveyors. Doing searches for requested matters arise by public to enhance their needs. Check and approving the plans for registration of their titles, lease & mortgages or other matters. It also to support the Registration of Lands and various parts of the Ministry in graphical presentation of cadastral boundaries, indexing of Land Survey information 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.

Functions of Quality Assurance Section

1. Receive and lodge all survey plans from Private Section and The Ministry.
2. Examine and check all plans lodge mathematically and manually
3. Preparing requisitions to Surveyors for corrections
4. Check return requisitions from Surveyors
5. Field check for plans required investigations
6. Preparing reports for approving plans and action after approval
7. Digitize Approved Plans for Registration of Title
8. Prepare Change Maps required
9. Update SOLA system daily

QA Revenue collected July 2023 - June 2024

Services	Receipts	Internal
Plan Examination Fees	\$ 31,795.50	\$ 287.50
Field Books	\$ 540.00	

Plan Copies	\$ 95.00	\$ 20,280.00
<b>Total</b>	<b>\$ 32,430.50</b>	<b>\$ 20,567.50</b>

### 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

1. 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.
2. Produced various thematic maps from aerial photography & satellite imagery.
3. Processing of Spatial Data License Agreement for spatial dataset sharing (License Agreement)
4. 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.
5. Update various database of all spatial data layers (GIS layers).
6. 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.
7. Provide assistance to schools for their internal assessment by sharing reliable and accurate spatial information.
8. Provide assistance to villages in consultation and mapping work.

Revenue collected: FY 2023-2024.

Service	OFFICIAL	RECEIPT	TOTAL
Maps produced in hardcopies or electronic format, including License Agreement for spatial dataset.	\$15,940.00	\$9,720.00	\$25,660.00

Revenue collected: FY 2023-2024.

Service	OFFICIAL	RECEIPT	TOTAL
Maps produced in hardcopies or electronic format, including License Agreement for spatial dataset.	\$15,940.00	\$9,720.00	\$25,660.00

Key Performance Indicators and Results extracted from Budget FY23/24

Performance Measure	Budget Standard	Traffic Light	Comments
Enhanced Quality Assurance for Survey Plans	160	Achieved	<ul style="list-style-type: none"> <li>• 119 survey plans received for examination, lodged, examined, requisitioned and requisition returned for approved.</li> <li>• 114 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.</li> <li>• 5 Survey Plans requisition</li> <li>• 114 approved plans digitized on SOLA for Titles</li> <li>• Registration and lease purposes.</li> <li>• Only 3 investigations arise three completed and two are still on investigation due to misunderstanding of people and will be final to court.</li> </ul>
Timely execution of survey works	4	Achieved	<ul style="list-style-type: none"> <li>• 9 surveys completed and 3 is ongoing</li> <li>• 3 works Land and Ttles Court and Land Commission</li> </ul>
Robust maintenance of the National Control Network(Horizontal and Vertical Control)	40	Achieved	<ul style="list-style-type: none"> <li>• 59 new marks established.</li> <li>• At least 2 regular maintenances per month</li> </ul>
Increased public awareness	5	Achieved	<ul style="list-style-type: none"> <li>• 5 awareness completed</li> </ul>

## OUTPUT 05.

### DIVISION OF ENVIRONMENT & CONSERVATION

The [Division of Environment and Conservation](#) under the leadership of Seumalo Afele Faiilagi is organized into 3 main Sections

1. Terrestrial and Biodiversity Section
2. Marine Biodiversity Conservation Section
3. National Parks and Reserves Conservation Section

3 Principal Officers

4 x Senior officers

6 x Officers

14 x Assistants and

2 x Project Officers.

#### ACHIEVEMENTS

- Completed the national biodiversity monitoring survey at 3 villages of Upolu (Uafato, Togitogiga and Faleaseela) and 3 villages in Savaii (Salelologa, Tafua and Falealupo).
- Completed the national flying fox survey targeting five (5) villages in Upolu ( Uafato, Lalomanu, Malololelei, Fasitoo-Uta, Faleaseela and Togitogiga) and eight (8) villages in Savaii (Tafua, Gataivai, Salailua, Fagafau, Sataua, Falealupo, Asau and Aopo).
- Completed the seabird monitoring at the offshore islands of Aleipata.
- Completed the freshwater monitoring survey at 7 sites in Upolu.
- Programs for invasive species management (1 rattan operation, 2 rat monitoring, 1 water lettuce monitoring).
- Completed 4 awareness and outreach programs for terrestrial biodiversity conservation (3 community consultation at Apolima, 1 biodiversity tour).
- Twenty one (21) DC referral were assessed, and submitted review reports to PUMA;
- Draft Marine Spatial Plan version 1.3 developed
- Puipa'a Mangrove Ecosystem Management Plan 2023-2028 endorsed and launched (English and Samoan)
- Completed the baseline mangrove audit assessment for Lano village in Savaii
- Conducted coral reef assessments for Moataa, Lotopue-Malaela, Vaiusu Bay and Aleipata MPA.
- Five quarterly monitoring completed for established coral nurseries and out-planting in Savaii and Upolu
- 9 capacity building trainings for staff of the marine biodiversity conservation unit.
- Completed mangrove planting for 6 villages with a total of 2,470 seedlings (1,959 Rhizophora, 511 Bruguiera)
- Completed coral propagation and out-planting for 8 villages in Upolu and Savaii (Tuanai, Uafato, Ulutogia, Tafatafa-Matavai, Saipipi, Satoalepai, Saleaula, Vaitoomuli).
- Completed 15 awareness and educational programs on Marine biodiversity conservation and management for schools and universities, communities and youth groups.
- Completed internal training for the reserves and protected area section on garden landscaping and design
- Completed construction of the butterfly view house, RLS pool upgrading, waterfall view platform, bridge crossing, Kings garden, security fence and children's playground
- Completed nursery training for the reserves and protected area section staff, forestry and water resource and cash for work team
- Vailima National Reserve management plan finalized.
- Vaitele-fou reserve management plan finalized:
- MOU developed to officiate partnership with KEW botanical garden in support for the Vailima Botanical Garden Development for CHOGM and beyond
- Brochure for the reserves and protected area roles and functions prepared

Key Performance Indicators and Results extracted from Budget FY23/24

Performance Measure	Budget Standard	Traffic Light	Comments
<p>Robust policy and legal instruments for terrestrial &amp; marine biodiversity conservation, Nature reserves &amp; Protected areas.</p>	<ol style="list-style-type: none"> <li>1. Environment Management and Conservation Bill enacted;</li> <li>2. Biodiversity Policy updated; Marine</li> <li>3. Spatial Plan for Samoa developed; International Trade in Protected Species Bill enacted;</li> <li>4. (National Reserves Policy developed;</li> <li>5. Vailima National Reserve Management Plan updated; (6)Vaitele fou Reserve Management Plan developed; Proclamations of Nature reserves completed; Vailoa Palauli Mangrove Reserve Management Plan developed</li> </ol>	<p>Partially Achieved</p>	<ul style="list-style-type: none"> <li>• The Biological Diversity Management Bill is now in its final stages of development, having previously been known as the Environment Management Bill.</li> <li>• The Biodiversity Policy will be reviewed and updated as an integral component of the NBSAP revision and updating. The recruitment of the technical consultant is almost completed after three deadline extensions for proposal submissions.</li> <li>• Draft Marine Spatial Plan version 1.3 developed</li> <li>• Final technical review completed for the International Trade in Protected Species Bill. Review conveyed to OAG</li> <li>• National reserve policy has been delayed due to the unavailability of funds from UNDP</li> <li>• Completed the final draft for the Vailima National Reserve Management Plan</li> <li>• Completed the final draft for the Vaitele-fou reserve management plan</li> <li>• Proposal for proclamation of 4 terrestrial reserves being reviewed by the Land Management Division and subject to verification by SIA and endorsement of the Land Board</li> <li>• Puipa'a Mangrove Ecosystem Management Plan 2023-2028 endorsed and launched (NB: Suggested text not reflected i.e. remove Vailoa and make it open).</li> </ul>

<p>Effective Biodiversity Monitoring Assessment Program</p>	<ol style="list-style-type: none"> <li>1. National Biodiversity Monitoring Survey (Birds, Butterfly, Reptiles, Vegetation) completed;</li> <li>2. National Flying Fox Monitoring Survey completed;</li> <li>3. National Seabirds Monitoring Survey conducted;</li> <li>4. Freshwater Monitoring Survey conducted;</li> <li>5. Whale and dolphin monitoring Survey conducted;</li> <li>6. 2 Mangrove Audit Assessments completed ;</li> <li>7. 2 Coral Reef Assessment/ monitoring Survey completed;</li> <li>8. 2 Turtle Nesting Monitoring Surveys completed; and</li> <li>9. 4 quarterly monitoring for established coral nurseries conducted.</li> </ol>	<p>Achieved</p>	<ul style="list-style-type: none"> <li>• The national biodiversity monitoring survey was implemented at 3 villages of Upolu (Uafato, Togitogiga and Faleaseela) and 3 villages in Savaii (Salelologa, Tafua and Falealupo).</li> <li>• Completed the national flying fox survey targeting five villages in Upolu ( Uafato, Lalomanu, Malololelei, Fasitoo-Uta, Faleaseela and Togitogiga) and eight (8) villages in Savaii (Tafua, Gataivai, Salailua, Fagafau, Sataua, Falealupo, Asau and Aopo).</li> <li>• Completed the seabird monitoring at the offshore islands of Aleipata.</li> <li>• Completed the freshwater monitoring survey at 7 sites in Upolu.</li> <li>• Achieved: 2 cetacean monitoring surveys completed (Upolu &amp; Savaii)</li> <li>• Completed the mangrove audit assessment for Lano, Savaii [note only 1 was originally proposed for the fiscal year hence we only targeted one mangrove audit assessment]</li> <li>• Achieved a total of 4: 3 coral reef assessments completed (Moataa, Lotopue-Malaela, Vaiusu Bay)</li> <li>• Completed 2 turtle nesting monitoring surveys in Mautu-Lefaga and Falealupo.</li> <li>• Five quarterly monitoring completed for established coral nurseries and out-planting (2 Savaii, 3 Upolu).</li> </ul>
<p>Enhanced Enforcement and Compliance</p>	<ol style="list-style-type: none"> <li>1. Illegal Harvesting (sharks, turtles) reduced;</li> <li>2. Timely response efforts to stranding/captivity/take/sale of sharks, turtles, whales and dolphins.</li> </ol>	<p>Achieved</p>	<ul style="list-style-type: none"> <li>• Completed 4 quarterly monitoring for sales of prohibited products and protected species.</li> <li>• Completed: <ol style="list-style-type: none"> <li>1. Two site assessments for Satoalepai turtle captive care operations; and</li> <li>2. Tagging and release of a total of 15 marine turtles (9 green turtles, 6 hawksbill)</li> </ol> </li> </ul>

<p>Effective Information &amp; knowledge management for biodiversity</p>	<ol style="list-style-type: none"> <li>1. DCA 541/23 Construction of rock revetment to prevent coastal erosion, Tufulele.</li> <li>2. DCA 553/23 – Construction of a petrol station, Malaemalu</li> <li>3. DCA 620/23 – Construction of three bedroom dwelling, Toamua</li> <li>4. DCA 450/23 – Land backfilling and leveling, Pesega</li> <li>5. DCA 698/23 –</li> <li>6. Use of existing quarry, Muli-fanua</li> <li>7. DCA 692/23 –</li> <li>8. New Flea Market, Savalalo</li> <li>9. DCA 728/23 – New power station, Tafaigata</li> <li>10. DCA 803/23 –</li> <li>11. Establish a construction lay-down area including camp, Siumu</li> <li>12. DCA 769/23 – Construction of concrete podium, Mulinuu</li> <li>13. DCA 812/23 –</li> <li>14. New petrol station, Fasitoo Tai</li> <li>15. DCA 486/23 – Construction of two-story warehouse, Savalalo</li> <li>16. DCA 925/23 – Construction of new school building and tennis court, Tafaigata</li> <li>17. DCA 967/23 – New petrol station,</li> </ol>	<p>Achieved</p>	<ul style="list-style-type: none"> <li>· Updated the database with data and information pertaining to the following three (3) additional researches.</li> <li>· Updated the biodiversity database with the data and information collected from the recent monitoring survey.</li> <li>· Completed the development of flying fox database and updated with data and information collected the national flying fox survey mentioned above.</li> <li>· Developed the seabirds database.</li> <li>· Through career day exhibition and students assignments, a total of 277 invasive plants posters were distributed to schools (primary and secondary) as well as the general public.</li> <li>· Distributed 281 endemic birds' posters to both primary and secondary schools students.</li> <li>· Completed 9 capacity building training for staff of the marine biodiversity conservation unit</li> <li>· (More than 20 students enrolled in the HTE360 course and have completed their tree planting activities account for 15% of their overall assessment</li> </ul>
<p>Enhanced and effective Restoration Programme for Critical Biodiversity Areas (Marine and Terrestrial)</p>	<ul style="list-style-type: none"> <li>· 200,000 seedlings raised and planted</li> <li>· 446 ha restored (278,750 new trees planted);</li> <li>· 1 Coastal protected/managed area identified and established/revived/upscaled;</li> <li>· 2 Mangrove habitat restoration program completed;</li> <li>· Targeted invasive species management program completed;</li> </ul>	<p>Partially Achieved</p>	<ol style="list-style-type: none"> <li>1. 25,000 native and ornamental seedlings raised and propagated at Vailima nursery to support tree planting and reserves landscaping activities</li> <li>2. The annual target of 6ha area of forest restored has been achieved. About 6.2ha of degraded forest restored at Vailima, Malololelei Biopark, Malololelei Malololelei and Matautu Lefaga</li> <li>3. Puipaa mangrove area identified for conservation with its management plan finalized and endorsed.</li> </ol>

	<ul style="list-style-type: none"> <li>• Maintenance of National Reserves (Malololelei Recreation Reserve, Malololelei Bio-Park, Faleata Reserve, Aoolemalo Reserve, Friendship Park, Tiafau Reserve, Vaimauga Reserve, Lotosamasoni Reserve, Vaitete-east Reserve, Vaitete-west Reserve, Vaitete-fou Reserve, Malaevaalele Reserve, Vaigaga Reserve, Lelata Nature Reserve, Sinave Nature Reserve);</li> <li>• Matautu Lefaga Coastal Nature Reserve established;</li> <li>• Matautu Lefaga Coastal and Marine Restoration completed;</li> <li>• Fasitoo Uta Nature Reserve established;</li> <li>• Uafato Coastal Vegetation Restoration completed;</li> <li>• Vailima Botanical Garden reconstruction 80% completed;</li> <li>• 3 million tree planting campaign implemented for 3 Districts, 3CCAs, NGO and Cash for Work programme.</li> </ul>		<ol style="list-style-type: none"> <li>4. Completed mangrove planting for 6 villages with a total of 2,470 seedlings (1,959 Rhizophora, 511 Bruguiera)</li> <li>5. Achieved: Annual rattan operation at Papaseea, two monitoring surveys for rats at Malololelei, one water lettuce monitoring</li> <li>6. Completed maintenance of 15 terrestrial reserves to required standard</li> <li>7. An MOU has been signed between the Alii ma Faipule of Matautu under the 3million tree campaign to gain their support and engagement with environment management and conservation works</li> <li>8. Completed coral propagation and out-planting for 8 villages in Upolu and Savaii (Tuanai, Uafato, Ulutogia, Tafatafa-Matavai, Saipipi, Satoalepai, Saleaula, Vaitoomuli). [BN Matautu Lefaga Coastal and Marine Restoration completed was suggested to remove and replaced with 5 coral reef transplantation activities completed. Hence the reporting herein]</li> <li>9. Completed discussions and meeting with the Kobenhagen family at Fasitoo-uta acknowledging their support of biodiversity conservation works by MNRE:</li> <li>10. Completed restoration of Uafato coastal areas with seedling provided by the reserve and protected area section:</li> <li>11. About 90% reconstruction works for the Vailima Botanical Garden completed in preparation for CHOGM meeting in October</li> </ol>
<p>Effective coordinated Public Awareness &amp; Community outreach programs</p>	<ul style="list-style-type: none"> <li>• Community consultations for terrestrial conservation;</li> <li>• 2 Terrestrial Biodiversity tours ;</li> <li>• National Biodiversity Day</li> <li>• 10 awareness and educational programs on Marine biodiversity and conservation</li> </ul>	<p>Achieved</p>	<ol style="list-style-type: none"> <li>1. Completed 3 community consultation with Apolima to disclose the outcomes derived from the feasibility study concerning eradicating rats.</li> <li>2. Completed one biodiversity tour as part of the manumea training.</li> </ol>

			<p>3. The celebration of the Biodiversity day formed an integral part of the National Environment Week 2023.</p> <p>4. Completed 15 awareness and educational programs on Marine biodiversity conservation and management for schools and universities, communities and youth groups)</p>
Effective coordinated Public Awareness & Community outreach programs	<ol style="list-style-type: none"> <li>1. DCA 541/23 – Construction of rock revetment to prevent coastal erosion, Tufulele.</li> <li>2. DCA 553/23 – Construction of a petrol station, Malaemalu</li> <li>3. DCA 620/23 – Construction of three bedroom dwelling, Toamua</li> <li>4. DCA 450/23 – Land backfilling and leveling, Pesega</li> <li>5. DCA 698/23 – Use of existing quarry, Mulifanua</li> <li>6. DCA 692/23 – New Flea Market, Savalalo</li> <li>7. DCA 728/23 – New power station, Tafaigata</li> <li>8. DCA 803/23 – Establish a construction laydown area including camp, Siumu</li> <li>9. DCA 769/23 – Construction of concrete podium, Mulinuu</li> <li>10. DCA 812/23 – New petrol station, Fasitoo Tai</li> <li>11. DCA 486/23 – Construction of two-story warehouse, Savalalo</li> <li>12. DCA 925/23 – Construction of new school building and tennis court, Tafaigata</li> <li>13. DCA 967/23 – New petrol station, Papa Puleia</li> <li>14. DCA 1144/23 – Temporary storage of x-blocks, Matautu</li> <li>15. DCA 052/24 – To construct a fast-food drive through joint, Mulivai Apia</li> <li>16. DCA 879/23 – To construct a storage warehouse, Fugalei</li> <li>17. DCA 980/23 – To continue operation of existing quarry, Saleimoa</li> <li>18. DCA 1082/23 – To continue quarry operations and associated activities, Saleimoa</li> <li>19. (19) DCA 1128/23 – To install new incinerator, Vaiaata</li> </ol>	Achieved	Our collective assessment reports for the following twenty three (22) DC referral were completed and submitted to PUMA;

## OUTPUT 06.

### WASTE MANAGEMENT AND POLLUTION CONTROL DIVISION

The [Waste Management and Pollution Control Division](#) was established in August 2023 and is now based its Tafaigata Office within the Tafaigata Landfill compound. The Division is led by Ms Fuimaono Katenia Rasch as the ACEO with two Sections;

1. Solid Waste Management Section
2. Chemical and Hazardous Waste Management Section

Two (2) Principal Officers, Three (3) Senior Officers, Two (2) Officers and Twenty (20) Assistants.

#### ACHIEVEMENTS

- 12 Waste audits conducted for different communities, including private sectors, NGOs and CSOs
- 6 community consultations conducted on waste management for Lalomanu, Vaiee, Fausaga, Vaovai, Togafu'afu'a, Vailuutai EFKS Youth and Pu'apu'a SDA Youth
- National stakeholder consultations conducted with Chamber of Commerce for the proposed Waste Levy on certain waste items identified as per Feasibility Study conducted in 2022.
- National workshops conducted with relevant stakeholders on;
  1. Used Oil Management,
  2. Chemical Management,
  3. Occupational Safety and Health
- The Division attended and supported clean-up programs initiated by SPREP
- Developed 3 agreements to enter into force new projects to focus on Management from SPREP and UNDP.
- Few more potential projects to further support MNRE in the area of Waste management e.g. Government of Canada and Germany for Organic waste and Plastics pollution in the marine environment.

#### National Solid Waste Management Strategy is developed.

- Completed Baseline Surveys
- Waste Audit conducted
- Time and Motion Survey conducted
- Landfill incoming waste recorded
- Completed Stakeholders Consultations
- Businesses/Private Sector

- Communities
- Government Agencies

#### Rubbish Collection monitoring system is established

- Development of the system
- Meeting with stakeholders
- Design Overall framework
- Landfill incoming waste record
- Contractors' work plan and work report
- Complaint record
- Monthly evaluation sheet
- GPS system

#### Introduction and operation of the system for improving rubbish collection service

- Training of MNRE staff
- Inclusion of the system in the rubbish collection procurement process
- Supervision to the contractors based on the monitoring data

#### Feasibility study on Financial Option (user pay system) was implemented.

- Data collection and study tour (Fiji, Vanuatu, Tonga)
- Internal discussion of a system to collect fees, i.e. electricity bill, water bill, mobile phone service providers;
- Conducted a study tour in 2019 to observe different methods adopted by the neighboring countries
- Consultations
- Completed 1st Steering Committee Meeting in 2020 to introduce the initiative
- Public Consultation in 2022 to obtain views from the public on the initiative
- 2nd Steering Committee Meeting presenting the result of public consultations and proposed system

Key Performance Indicators and Results extracted from Budget FY23/24

Performance Measure	Budget Standard	Traffic Light	Comments
Effective Policy and Regulatory framework for solid chemicals and hazardous wastes	<ol style="list-style-type: none"> <li>1. National Transboundary Movement of Chemical &amp; Hazardous Waste Regulations (Basel &amp; Waigani Convention) referred to Cabinet;</li> <li>2. Chemical and Hazardous Waste Management Strategy developed;</li> <li>3. Waste Levy (ARFD) Regulations approved by Cabinet; and</li> <li>4. Waste Operators Licensing Scheme approved .</li> </ol>	Achieved	<p>Chemical &amp; Hazardous Waste Management Strategy component is developed in the Integrated Waste Management Strategy which is currently being developed for 2024-2029</p> <p>Waste Levy-completed 2 consultations with the private sector through the Samoa Chamber of Commerce Inc and will develop the submission for the National Revenue Board for approval</p>
Improved enforcement and compliance.	At least 2 Waste Audit Surveys conducted;	Achieved	<p>12 waste audit surveys conducted:</p> <ul style="list-style-type: none"> <li>• Lalomanu, Vailuutai, Puapua (Marine Litter SWAP Project sites)</li> <li>• Vaovai, Magiagi SDA Youth, SRWMA, Phoenix Netball, Samoa Conservation Society, Moataa (International Coastal Clean Up Day)</li> <li>• SRWMA (World Ocean Day celebration clean up-Apia coastal area)</li> <li>• Lalomanu, Togafu'afu'a (Small Grant Program for households)</li> </ul>

		Achieved	<ul style="list-style-type: none"> <li>• 4 monitoring conducted for quarantine pesticide storage.</li> <li>• 11 monitoring conducted for health-care waste management</li> <li>• 2 asbestos management cases sited and safely disposed at designated cells at Tafaigata landfill:</li> <li>• Vailima Breweries Company at Vait-ele</li> <li>• New Zealand High Commission at Vaoala</li> <li>• Joint inspection with SROS team to inspect Talcum powder at Letogo as requested from Meti Inc. Confirmation from SROS that the powder is not hazardous and it can be used to refurbish and maintained machines equipment</li> <li>• 16 open burning complaints received and resolved.</li> <li>• Assisted the safe disposal at sea of Lady Naomi sea based on granted permits on designated nautical miles and depth for disposal.</li> <li>• 6 monitoring of the plastic ban regulation were conducted based on reports from the public</li> <li>• 7 trans boundary movement of hazardous wastes received, assessed and consented:</li> <li>• 5 transit from neighboring countries</li> <li>• 2 local applications from Pacific Recycle and SRWMA</li> </ul>
<p>Effective Waste Management Operations and Maintenance Rubbish Collection Landfill Litter</p>	<ol style="list-style-type: none"> <li>1. Monthly Waste Collection Monitoring of GPS and site visits</li> <li>2. Fortnightly Litter Monitoring in the town area Mulinuu to Matautu and inland to Motootua.</li> </ol>	Achieved	<ul style="list-style-type: none"> <li>• 229 complaints on rubbish collection received and resolved</li> <li>• 12 monthly monitoring of waste collection contractor services</li> <li>• 12 monthly monitoring of litter maintenance services</li> <li>• 12 monthly monitoring of lawn maintenance services</li> <li>• Daily monitoring of Tafaigata Landfill maintenance service</li> </ul>

Public Toilets Lawn Maintenance	<ol style="list-style-type: none"> <li>3. Fortnightly lawn maintenance town area</li> <li>4. Weekly maintenance monitoring for Tafaigata</li> <li>5. Monthly monitoring for Vaiaata Landfill and sludge Savaii</li> <li>6. Fortnightly Tafaigata Sludge facility</li> <li>7. Fortnightly monitoring of Public Toilets Mulinuu Sogi Eeleele Fou</li> <li>8. Landfill Feasibility Study Tafaigata and Vaiaata finalized</li> </ol>	Achieved	<ul style="list-style-type: none"> <li>• 12 monthly monitoring for Vaiaata Landfill</li> <li>• 6 monitoring conducted for Vaiaata Sludge facility</li> <li>• 24 monitoring conducted for Tafaigata Sludge Facility</li> <li>• 24 monitoring conducted for public toilet facilities at Mulinuu, Sogi and Eeleele Fou.</li> </ul>
Effective Public Awareness & Community outreach programs	<ol style="list-style-type: none"> <li>1. 2 School composting programs conducted;</li> <li>2. 2 Waste Management Community Consultations conducted;</li> <li>3. Existing School Composting Program;</li> <li>4. Toner Collection Program for public and private sectors.</li> </ol>	Achieved	<ul style="list-style-type: none"> <li>• 4 awareness on compost demonstration conducted;</li> <li>1. Robert Louis Stevenson College and Seventh Day Adventist College (schools)</li> <li>2. Lotofaga Safata and Togafuafua communities</li> <li>• 6 waste management consultation conducted in Vaovai Falealili, Vaiee and Fausaga, Togafuafua, Lalomanu, Vailuutai and Puapua communities</li> <li>• 11 monitoring conducted for existing compost at Leififi, Papauta Girls, Avele Colleges and Tanugamanono Primary School.</li> <li>• 11 toner and e-waste collections from schools and government ministries in collaboration and partnership with SSAB</li> </ul>
Improved Environmental Safeguards	At least 10 EIAs reviewed	Achieved	<ul style="list-style-type: none"> <li>• EIAs assessment reviews and provide comments for submission</li> </ul>

## OUTPUT 07.

### FORESTRY DIVISION

The **Forestry Division** is headed by ACEO Moafanua Tolusina Pouli. The Division is organized into three sections;

1. Policy and Planning Section
2. Forest Management (Upolu & Savaii)
3. Research & Development

4 x Principal Officers

7 x Senior Officers

7 x Officers and

60 x Assistants.

#### ACHIEVEMENTS

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
- Research for Sustainable Forests Management (SFM) and promotion of the importance of Wetlands conservation.
- Monitoring of harvesting operations assessing its compliance and ensuring the sustainable use of forestry resources.

The Division is also 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 the 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

#### Effective and sustainable management of all types of forests

- CFP - Community Forestry Program (an ongoing program by the Division promoting the planting of woodlots, agroforestry plots, and other types of planting packages to serve the requests from the communities

for forest tree plantings. A total of 145 farmers registered under the program and also contributed to the 3 Million Tree Planting Campaign 2022 – 2028

#### Nursery operations and seedlings production

- The Maota plant nursery has been upgraded with funding support from PACRES project. An increase in seedlings production to cater to the demand of the community forestry programs, 3 Million Tree Planting campaign, replanting of harvested areas, community conservation areas, and National Parks ecological restorations continue as an ongoing activity. The support of the Cash for Work (CFW) by the tree planting campaign helped the nurseries with their seedling production regardless of the target being achieved. The shortfall as always was due to the low interest shown by the general public in timber tree species compared to crops/fruit trees. However, there are still a few farmers who still cling to forest woodlots for future timber.

#### National Parks Management :

- Ecological restorations continue for National Parks aiming to achieve an annual target of 20 hectares to restore open and degraded areas within the Parks.
- Removal of invasive species also accounted for in these areas and the maintenance of assisted natural regeneration vegetation.
- Upgrading of O Le Pupu Pu'e National Park (OLPP NP) is starting for the CHOGM (Commonwealth Heads of Government Meeting) in October this year.

#### Strengthened research and development for sustainable forest management

##### Forest Research & Monitoring:

Research trials continue for phenology, assisted natural regeneration, biomass and carbon stock estimation, and forest health surveillance

Eleven (11) tree species including Tamanu (*Calophyllum inophyllum*), Vi aina (*Spondias dulcis*), Gmelina orberea, Tamaligi pa'epa'e (*Albizia chinensis*), Ifilele (*Intsia bijuga*), two (2) Asi toa (*Syzygium dealatum*), Poumuli (*Flueggea flexuosa*), Lau pata (*Macaranga harveyana*), Masame (*Glochidion cuspidatum*)

and Mahogany (*Swietenia macrophylla*) were assessed and calculated for Aboveground Biomass (AGB) and Carbon Stock (CS) estimation using the allometric equation Chave (2005). The belowground Biomass (BGB) will be calculated for each species to get a detailed tree biomass summary statistics. Monthly monitoring was conducted for all 3 phenology sites including OLPP NP and Malololelei in Upolu and Masamasa-Falelima National Park in Savaii to assess the fruiting and flowering patterns of selected trees.

1 synthesis report is being drafted providing an analysis for all the trees assessed in this FY. The biomass database continues maintenance and update.

#### Wetland Conservation:

- The Vaipu Swamp was launched as the third Ramsar Site for Samoa during the Environment Week 2023. A Management Plan for the site was also acknowledged and distributed for public information and use.

#### Planning and policy framework for sustainable forests management

- **National Forest Monitoring System & Forest Reference Emission Level /Forest Reference Level (NFMS & FREL/FRL):** Forest assessment conducted with funding support from FAO to develop the NFMS & FREL/FRL for Samoa. The report is submitted to the UNFCCC Secretariat and is still under technical assessment.
- **Forestry Legislation Frameworks :** Forestry Policy and Forestry Management Regulation have been finalized and are in the final stage of being submitted for cabinet approval.
- **Forestry harvesting :** Total \$3,184.00 revenue collected from 20 licences/permits approved and issued and \$4,500 from the 9 portable mobile sawmills registered. 367,005 cubic meter volume of trees harvested from an estimated harvested area of 128,006 hectares. Replanting with native trees was conducted for about 60% of the harvested areas with 20% replanting elsewhere while the harvested areas were cultivated for agricultural/livestock farming and the remaining area not being touched after the harvesting operations.

#### Enforcement and Compliance:

- 1 illegal case in harvesting forest resources without a licence in Asaga and Lano in Savaii has proceeded to court. The hearing was done in April 2024 where the accused was detained under police custody and then released on bail. The hearing is to take place on September 12, 2024. Other illegal cases are progressing based on the Legal Division's advice.

Forest Information Management and Awareness: 7 billboards to promote tree planting activities and their contributions were produced and installed at Sogi, Togitogiga, Faleolo, Maota and Asau. The recently approved 2 billboards are in the process of developing. Brochures on forestry services, FM Act 2011, Community Forestry Programs and the 3 Million Tree Planting campaign continue to disburse to the public for wider awareness and capacity building.



Tree Planting in Vaipouli Savaii, November 2023.

Key Performance Indicators and Results extracted from Budget FY23/24

Performance Measure	Budget Standard	Traffic Light	Comments
<b>SUSTAINABLE NATIONAL AGROFORESTRY AND FORESTRY MANAGEMENT PROGRAMS</b>			
200 registered farmers participated in agroforestry and community forestry programs;	200	Partially Achieved	145 new farmers registered and participated in the Community Forestry Program (CFP) including Agroforestry programs
515 hectares maintained in 5 National Parks;	515	Did Not Achieve	165.3ha were well maintained, within the four National Parks and State Forest Land including areas managed for invasive species (40.1 ha) and assisted natural regeneration (23.1 ha)
500K seedlings produced in 5 forestry nurseries;	500k	Partially Achieved	220, 383 seedlings raised in five (5) forestry nurseries (Vailima, Togitogiga, Maota, Vaipouli and Asau).
906 ha planted (National replanting program);	906ha	Did Not Achieve	102.56 ha planted under the NFRP
30 ha targeted for invasive species management;	30ha	Achieved	40.1ha had invasive species controlled
30 ha developed for natural regeneration of forests	30 ha	Partially Achieved	23.1ha treated under Assisted Natural Regeneration
<b>UPDATED NATIONAL FORESTS INFORMATION MANAGEMENT SYSTEM</b>			
3 Research reports on Forest Phenology, Carbon Stock assessments and Assisted Natural Regeneration developed	3 Research Reports.	Partially Achieved	<ul style="list-style-type: none"> <li>• Ongoing research.</li> <li>1. Research on biomass and carbon stock estimate for 11 tree species.</li> <li>2. Research trial on Assisted Natural Regeneration of forests for 7 PSP.</li> <li>3. Forest Tree Phenology conducted on a monthly basis for 4 sites (2 in Savaii &amp; 2 in Upolu).</li> </ul>
5 production layers for forest conservation / production;	5 production layers produced.	Achieved	20 layers and maps produced for forestry harvesting and 9 maps for tree planting activities

Forestry Reference Level and Monitoring system developed	100% completed	Achieved	FRL Report completed
National Forestry Inventory Updated	100% completed	Achieved	Draft Forest Referencing Level report being finalized.
<b>ROBUST FORESTRY POLICY AND LEGISLATIVE</b>			
Timber utilization/wood strategy developed		Did not Achieve	No fund
National policy framework updated and approved;		Partially Achieved	National Forestry Policy is being finalized for Cabinet approval.
Forestry management regulations approved		Partially Achieved	Community consultations on new Forestry fees completed.
<b>ENHANCED ENFORCEMENT AND COMPLIANCE</b>			
20 approved licenses and permits issued for forest harvesting activities;	20 licenses and permits approved and issued	Achieved	20 HL and HP approved and issued
8 mobile sawmills registered;	8 mobile sawmills registered	Achieved	8 portable mobile sawmills registered
20 forestry harvesting operations monitored	20 monitoring programs conducted	Achieved	26 harvesting monitoring reports prepared
<b>INCREASED FOREST COVER (3 million tree planting campaign for 6 years)</b>			
563,752 trees planted	520,402 trees planted	Partially Achieved	520,402 seedlings planted
<b>EFFECTIVE AWARENESS AND COMMUNITY ENGAGEMENT</b>			
20 stakeholder and community consultations	20 consultations conducted	Partially Achieved	9 stakeholder consultations were conducted under the 3 Million Tree planting campaign and the community forestry program promoted

## OUTPUT 08.

### METEOROLOGY SERVICES DIVISION

The [Meteorology division](#) lead by ACEO Afaese Dr Luteru Tauvale is organized into four (4) sections;

1. Weather Services
2. Climate Services
3. Ozone Services
4. Geoscience Services

4 x Principal Officers

4 x Senior Officers

11 Officers

19 x Assistants

2 x project officers

#### ACHIEVEMENTS

##### WEATHER SERVICES

- Improve quality and accuracy of forecast products; enhance performance of the weather service staff
- **Weather Monitoring Operation 24/7**
- The team consistently monitored regional and local weather patterns to ensure the timely dissemination of weather forecast products. Four daily weather forecasts (Public & Marine) were issued, including translations for the Tokelau region. However, outdated forecasting tools require updates and replacements to maintain smooth operations in a 24/7 shift environment. Hourly weather observation data was collected and monitored at both the Head Office and Faleolo International Airport Weather Station. Additionally, text message alerts for warnings and advisories were disseminated via the Early Warning Forecasting System (IBL), though some warnings were not distributed due to the system's outdated infrastructure. The team successfully coded and transmitted Meteorological Aerodrome Reports (METAR) and monitored the quality of 3-hourly synoptic reports collected, coded, and disseminated by Meteorological Technicians. Severe weather information was circulated to sector focal points via a designated mailing list, and service delivery was successfully extended to the website, radio, and social media platforms. Collaboration with regional and international partners, including the Pacific Community (SPC), Bureau of Meteorology (BoM), Fiji Meteorological Services, and the New Zealand Met Office, was sustained and maintained.

##### Community Outreach & School Awareness Program

- The team actively participated in CDCRM outreach programs to communities across Samoa, enabling SMD to present forecasting processes and warning products to help local communities take necessary actions during natural disasters. Engagement with government ministries and stakeholders was enhanced to improve awareness of weather warning products. Regular school visits and tours of the forecasting and operations room were conducted, and the team attended the National University of Samoa's first semester enrolment week to promote meteorology careers to interested students. Collaboration with the University of Monash was established to support SMD in the field of meteorology research. Additionally, a tropical cyclone standard operating procedure and a community awareness video were developed and disseminated on social media with the support of the ESCAP RIMES fund. Posters on cloud identification, wind speed classification and direction, as well as tropical cyclone categories and potential impacts, were created and printed in both Samoan and English.

### **Infrastructure and Meteorology Equipment**

- The team consistently maintained and sustained manual stations at both the Apia Head Office and Faleolo International Airport. However, managing the outdated IBL system has become increasingly challenging due to issues like crashes and insufficient hard drive capacity, highlighting the urgent need for a replacement and update are essential to support the Multi Hazard Early Warning System (MHEWS). Digital climate stations were installed at the Apia Head Office and Faleolo International Airport through the Australian DFAT Pacific Aviation Program. Additionally, two high-end workstations were procured and installed under the PREP

### **CLIMATE SERVICES**

- Improve quality and accuracy of climate information and data

#### **Upgrade Database Management System, Data Rescue and Data Digitization**

- The ongoing management of the rainfall and climate stations observation network was successfully maintained, despite encountering issues that delayed monthly inspections and data collection. The team managed to complete these tasks nonetheless. They also followed up on outstanding Digicel payments and reassigned focal points for Climate Services to ensure invoices were sent through Digicel. Climate data was compiled and shared upon request, with a tentative total revenue of SAT\$400,668.00 recorded; however, not all of this revenue was collected, as some data was waived due to the nature of the requests. Additionally, members of the climate team are actively maintaining the Ocean Observation Buoys on a biannual basis.

#### **Effective Seasonal Climate & Ocean Prediction Services**

- The team produced twelve Early Action Rainfall (EAR) Watch Bulletins and twelve Seasonal Climate Outlook Bulletins throughout the year. They attended twelve Online Climate Outlook Forums (OCOF) and completed two National Climate Outlook Forums (NCOF). Additionally, they participated in two Pacific Island Climate Outlook Forums (PICOF) and issued one Tropical Cyclone Outlook before the wet season.

#### **Effective Monitoring of Climate Variability and Long Term Change**

- The team issued four Climate Summary Reports and actively participated in the National Environment Sector Plan 2022–2027. They also contributed to the State of the Environment report in July 2023. Additionally, they played a key role in updating information for the National Statistics Ministry and were actively involved in regional meetings, including PICOF and OCOF, discussing climate drivers and monitoring.

#### **Climate Section Capacity Building Opportunities**

- Capacity building trainings were conducted to enhance skills in seasonal climate forecasting and climate observations. As a result, many staff has the opportunity to travel outside of Samoa to gain advanced knowledge in these areas. The Climate Services team continued to work and collaborate with Regional Integrated Multi-Hazard Early Warning System (RIMES) to conduct regional training sessions, which climate staff attended online. These training sessions extended from the first quarter to the second quarter of the FY 23/24. In 2024, Samoa Meteorological Services launched its first online campaign to celebrate World Meteorological Day. The Climate team played a crucial role in facilitating, coordinating, and supporting the organizers and management, contributing to the successful execution of this significant event.

#### **Services for Multi-Sector decision making and planning**

- The Health and Climate Early Warning System is now complete, and it is in its very early stages. Although NIWA, our technical support team, was able to design the system, there are still challenges that it faces in terms of complete live data feed from the Health, improving and expanding of Samoa Met Services climate observation network, and also the competency of the staff to utilize and understand the data being displayed from this system. Therefore, it is only used for internal discussions at MOH, and it will not be operational until the aforementioned challenges have been addressed appropriately and timely.
- For the energy sector, the National Institute for Weather and Atmosphere (NIWA) have upgraded the Afulilo Water Storage Outlook Module to its most operational phase, where both EPC and

Samoa Met can access and update accordingly. This new upgrade consists of improvement of accessibility, daily updates from Samoa Met, and also to verify the outlooks at the four timescales. It is not in operation and currently being used by the EPC Renewable sector for planning and rationing of energy for the community.

- Attended two (2) Pacific Island Climate Outlook Forums (PICOF), one in October 2023 to prepare regional Meteorology Services for the wet season, and another in April 2024, to prepare regional Meteorology Services for the dry season.
- Successfully completed the 2nd and 3rd National Climate Outlook Forums (NCOF). The 2nd NCOF was a three-day workshop held at SPREP from November 28th to 30th, 2023, where stakeholders shared experiences and strengthened relationships while discussing seasonal climate and tropical cyclone outlooks. The 3rd NCOF was conducted in two phases: one in Upolu from June 10th to 12th, 2024, focusing on Disaster Risk Resilience (DRR), Agriculture, and Fisheries; and the other in Savaii from July 1st to 2nd, 2024, engaging local farmers and fisheries to review data from the previous season and discuss the upcoming outlook.
- The climate section successfully carried out Intra-ACP Climate Services and Related Application Programme (ClimSA) activities, including completing the Terms of Reference (TOR) for the National Framework for Weather, Climate, and Ocean Services, as well as the National Strategic Plan and Action Plan (Activities 1.3 and 2.6). I also finalized the formalization of AWS specifications and identified gaps in the climate observation network (Activity 3.1). Additionally, I completed two National Climate Outlook Forums (NCOFs) and was heavily involved in data rescue discussions with WMO CLIMSA, particularly with Lisa Anne. I secured professional assistance for procuring a scanner and developed a sustainable plan for its use, while maintaining constant communication with all CLIMSA-related activities in the region. Involved in site visits with the Samoa Meteorological Services, providing in-depth understanding of climate services and climate variability, and assisting with high school assignments when requested.

#### **Collect and document Traditional Knowledge (TK) on Climate Predictions and Environment Indicators.**

- Engaged in ongoing monitoring processes at TK Monitoring Sites in Upolu and Savaii, as well as the verification of TK stories and surveys. I am also in the process of reviewing these stories and manually uploading all available documents after years of TK indicator collections.

#### **GEOSCIENCE SERVICES**

- Conduct Geo-Scientific Observations and investigation
- National Data Centre Operations
- During this period, 1,255 earthquakes were detected and analyzed, including 89 regional earthquakes with magnitudes of 6.0 or higher. Among these, 36 felt earthquakes were detected and reported, leading to the issuance of 36 National Felt Earthquake Bulletins. No advisories, watches, or warnings were issued during this time.

#### **Geomagnetic Programme**

- Due to faulty geomagnetic equipment and the resignation of the Scientific Officer responsible for observations, no data was recorded or transmitted by the instruments, leading to a decrease in the number of observations compared to previous years. Despite these challenges, a total of 34 geomagnetic observations were completed during this period.
- 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:
  - Geological and Geo-Technical Investigations
  - Several geotechnical investigations were conducted across the country for this financial year. These works ranged from more complex operations where one client requested geotechnical works at different sites, to more simple and straight forward works where geotechnical investigations are conducted on only one site.
- A total of 18 geotechnical investigations were conducted for this period

#### **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:

### Geological and Geo-Technical Investigations

Several geotechnical investigations were conducted across the country for this financial year. These works ranged from more complex operations where one client requested geotechnical works at different sites, to more simple and straight forward works where geotechnical investigations are conducted on only one site.

A total of 18 geotechnical investigations were conducted for this period

Client	Site	Date
PLT Consultants	Saipipi	August 2023
	Sapapalii	August 2023
	Salailua	August 2023
	Lano	August 2023
	Faga	August 2023
	Manase	August 2023
	Fagamalo	August 2023
	Tafitoala	August 2023
	Vaipu	August 2023
	Togitogiga	August 2023
	Lepa	August 2023
	Saleapaga	August 2023
	Tulaele	August 2023
	Afega	September 2023
Zheng Construction	Savalalo	February 2024
Samoa Business Hub	Sogi	April 2024
Water Resources Division	Sataoa	May 2024
Tinai Gordon & Associates(TGA)	NUS-Toomatagi	June 2024

In addition to the rig operations, the Geology team at Vaitele also do maintenance works for Ministry vehicles. The number for vehicles maintained during this period has declined due to new arrangements within the Ministry therefore, MET vehicles were the only vehicles maintained during this period including the maintenance of the drilling rig.

### Maintenance Works

The section continues to perform maintenance on seismic, geomagnetic, geological and other geoscience equipment located in Mulinu'u and other parts of Samoa. Some of these maintenance activities were carried out in collaboration with regional and international partners. A detailed list of the maintenance work conducted is provided as follows

August 2023 – Maintenance of Geomagnetic Equipment. Geoscience hosted Dave Turner of GNS New Zealand for two days. The staff supported Daves trip over to repair some of the instruments for the Geomagnetic Programme. Some of the works done include re-wiring the instruments, upgrading the unit firmware as well as adding power terminals to the power Supply.

- **November 2023** – Usual Maintenance around the Geomagnetic Hut so the trees obstructing view of reference point for observations are removed.
- **December 2023** - Maintenance of Afiamalu Seismic Station in collaboration with international Partner (USGS). Two of our Geoscience officers joined the Team from USGS to replace a faulty

seismometer, seismic digitizer and old batteries. The team also repaired the door for the Vault as well as the main hut for all the equipment.

- **December 2023** – Routine Maintenance for Seismic Station in Asau Savai'i. To replace the seismic station batteries.
- **June 2024** – Urgent Maintenance Trip to Savai'i to restore connection between Mt Fiamoe and Lepiu Station. Geoscience Officer was able to replace the batteries using the batteries from another seismic station that is no longer operational.

## 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

The following section provides a summary of the main activities implemented by the Ozone Services Section under four (4) concurrent projects during the reporting period. All projects are funded by the Multilateral Fund for the Montreal Protocol on substances that deplete the ozone layer.

1. Institutional Strengthening Project Phase XI
2. Institutional Strengthening Project Phase XII
3. Hydro chlorofluorocarbon Phase out Management Plan (HPMP) Stage II
4. Preparation of the Kigali Implementation Plan (KIP)

### Implementation of the Institutional Strengthening Project (ISP)

**Objective 1:** Fulfilling data reporting obligations under the Montreal Protocol

#### 1. Nationwide Data Collection of controlled substances, 25th July – 4th August 2023

As one of the obligations under the ISP project, the Ozone Section collected data from importers and Customs on imports of ozone depleting substances and HFCs in preparation of the annual data reporting for 2023. The data collected during July to August was compiled with previous data collected within the calendar year, verified against data from exporters through the informal Prior Informed Consent (iPIC) mechanism to produce the Country Programme report to the Multilateral Fund Secretariat and Article 7 Data reporting to the Ozone Secretariat. Samoa's consumption for 2023 was verified to be 0.53MT of HCFC and 6.27MT of HFC both of which are within Samoa's allowable consumption under the Montreal Protocol.

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

#### 1. Controlled substances inspection 25th July-4th August 2023.

- The ozone services continue to oversee the importation and management of controlled substances within the country. The inspections are designed to ensure that all companies and technicians involved with refrigerants and tools, secure storage and handling facilities and a valid license among other conditions. 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.

#### 2. 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 five (5) import licenses issued during the reporting period. Exemption for use of Methyl bromide is still valid for quarantine pre-shipment fumigation only and there were no illegal trade identified.

#### 3. Coordination of the National Ozone Steering Committee(NOSC)

- The NOSC met on the 20th November 2023. Representatives from Government Ministries, Technical Training Institutions and the Private Sector provided excellent guidance to the Ozone Team in steering activities for the project.

#### 4. Review of the Ozone Layer Protection Regulations(OLPR) 2006

#### 5. Recruitment of new staff

To ensure that the ozone section is fully staffed and able to implement all activities under numerous concurrent projects, two new staff were recruited.

**Objective 3** : Strengthening collaboration with Stakeholders.

##### 1. Refrigeration and Air Conditioning Association of Samoa (RACCAS) meetings

- Through ISP the Ministry sustained its support for the RACCAS by organizing meetings and funding capacity-building initiatives. Additionally, members of the RACCAS are given the priority access to training opportunities provided by the Ministry

##### 2. Coordination with Energy Division

- In line with the goals of the Kigali Amendment, the Ozone Services Section closely collaborated with the Energy Division of the Ministry of Finance to monitor appliances in accordance with the Energy Management Act 2020.
- As part of the collaboration, joint inspections continues to be conducted where the Energy Division, Customs Department and the Ministry of Police, Prisons and Corrections, who are members of the Energy Efficiency Monitoring Team visit 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.



World Ozone Day

#### Hydrochlorofluorocarbon (HCFC) Phase-out Management Plan Stage 2

**Objective 1** : Refrigeration and Air Conditioning (RAC) training on Hydrocarbon refrigerants 20-21 July 2023

Part :

1. Refrigeration and Air Conditioning (RAC) training
2. Refrigeration and Air Conditioning (RAC) training 22-23 November 2023

**Objective 2** : Customs training

- Training continues to be offered to Customs and enforcement officers to ensure the effective monitoring of controlled substances. Equally important is keeping the momentum to refresh Customs brokers and importers knowledge on the objectives of the Montreal Protocol to be aware of the controlled substances being imported into the country.

- Refresher training for Customs on Energy Efficiency 18 October 2023

**Objective 3 :** Certification System for RAC Technicians

To complete the development of the Certification System for refrigeration and air conditioning (RAC) Technicians the Stakeholders Consultation was conducted on the 27 July 2023

**Preparation of the Kigali Implementation Plan (KIP) project**

**Objective 1 :** Data Collection and Nationwide survey

Due to the large scope of the data collection and nationwide survey a local consultant was recruited to carry out this important work

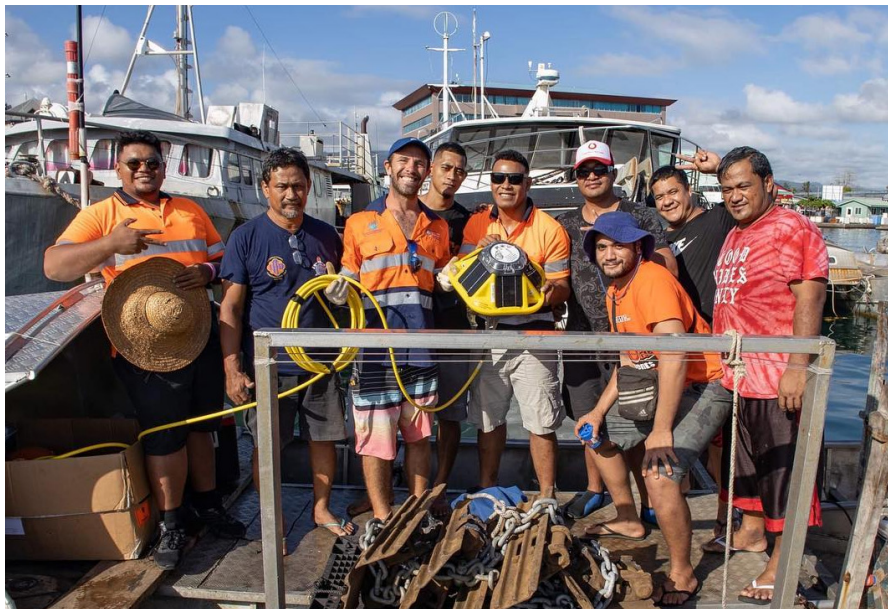
The survey has completed and currently undergoing verification for submission to UNEP

**Objective 2 :** Data Validation and Stakeholders feedback

- Two stakeholder consultations were completed.
- Stakeholder consultation participants 17 April 2024
- The Ozone Section with the assistance of the Meteorology Division successfully hosted the Network meeting of the Pacific Island Countries National Ozone Officers. Thematic Workshop on Nation-wide Data Collection under the Kigali HFC Implementation Plan Preparation & Twinning National Ozone Customs officers workshop on ODS/HFC Trade Control and Reporting, 4-9 September 2023

**OCEAN MONITORING**

- The Ocean Acidification (OA) program, newly introduced to the Meteorology Division and funded by the Ministry of Oceans and Fisheries of the Republic of Korea, aims to protect coral reefs and other vulnerable marine ecosystems. This project focuses on enhancing the resilience of these ecosystems against pressures like ocean acidification and invasive species, in line with the International Coral Reef Initiative's Framework for Action 2013.
- Lagoon, and a laboratory was established at the Meteorology Division. Between March and June, 22 seawater samples were collected at the buoy site and sent to Korea for B analysis, with internal training planned for November 2023 to enable future seawater sample analysis to be conducted in Samoa.



Installation of Ocean Monitoring Devices, February 2023

Key Performance Indicators and Results extracted from Budget FY23/24

Performance Measure	Budget Standard	Traffic Light	Comments
Effective and timely weather forecasting	<ol style="list-style-type: none"> <li>1. 2000 marine weather bulletins issued;</li> <li>2. 730 forecast for Tokelau issued ;</li> <li>3. 300 TV weather reports presented;</li> <li>4. Severe weather bulletin issued;</li> <li>5. Special weather bulletin issued and</li> <li>6. Weather briefings prepared</li> </ol>	Achieved	A total of 2,911/2920 public and marine weather bulletins were issued routinely; however, some were missed due to issues with the outdated forecasting system (IBL) and internet connectivity problems. Additionally, 720/730 daily forecasts were translated for Tokelau, with similar issues affecting the routine bulletins. The partially achieved target for observations was primarily due to power outages, internet connectivity issues, and staff shortages, with most staff working 72-hour weeks. Maintenance was performed three times in Upolu and twice in Savaii, attributed to staff shortages and issues with division vehicles.
Timely meteorological aerodrome reports (METAR) and special meteorological aerodrome reports for deteriorating weather (SPECI)	Met Aerodrome reports submitted to WMO	Achieved	A total of 221 SPECI reports were issued, which are only generated when weather conditions deteriorate. Additionally, 97% of the hourly METAR reports were successfully issued, while less than 3% were unsuccessful due to factors such as power outages and internet connectivity issues.
Reliable Met Infrastructure	Monthly maintenance visits conducted	Achieved	Conducted visits to maintain the in operation equipment's however unable to fix other faults requiring spare parts

<p>Increased Public Awareness</p>	<ol style="list-style-type: none"> <li>1. 20 Awareness programs conducted;</li> <li>2. Traditional Knowledge Database updated</li> </ol>	<p>Achieved</p>	<p>The Samoa Meteorology Division (SMD) actively engaged in CDCRM outreach programs, enhancing community awareness of forecasting processes and weather warning products to improve disaster preparedness. Collaboration with government ministries, stakeholders, and institutions such as Monash University strengthened research and awareness efforts. Educational initiatives included school visits, office tours, and participation in the National University of Samoa's enrolment week to promote meteorology careers. Public outreach expanded through social media, featuring a community awareness video, academic posts, and bilingual educational materials on meteorology and tropical cyclones. Additionally, SMD marked World Ozone Day on September 16, 2023, with translated awareness materials and a college speech contest, reinforcing its commitment to ozone preservation and climate change mitigation.</p>
<p>Effective Seismic &amp; Geological Monitoring</p>	<ol style="list-style-type: none"> <li>1. Earthquake reports &amp; bulletins issued;</li> <li>2. tsunami bulletins issued;</li> <li>3. geo-technical reports prepared;</li> <li>4. geo-magnetic reports prepared;</li> <li>5. Seismic Operation Center construction completed</li> </ol>	<p>Partially Achieved</p>	<p>The construction of the Seismic Operation Center (SOC) was the major incomplete target for this indicator. While we successfully completed the final detailed design for the SOC, we were unable to begin construction during this financial year due to the project's closure. Maintenance of seismic and geoscience instruments were incomplete due to spare parts and resources availability</p>

Effective and timely Climate monitoring	<ol style="list-style-type: none"> <li>1. Monthly Climate, Temperature and Rainfall Outlooks issued;</li> <li>2. Seasonal Outlooks issued;</li> <li>3. Tropical Cyclone Outlook issued</li> </ol>	Achieved	Most of the targets were met; however, some supporting activities for this indicator were incomplete due to data availability issues and resource shortages. Only 4 out of 12 climate summaries were produced due to missing observations from faulty stations.
Effective enforcement of Montreal Protocol	(1) Enforcement of Ozone Layer Protection regulation and Met Act 2021	Achieved	All activities for this indicator have been successfully completed. The consultations for the review of the Ozone Layer Protection Regulation 2006 were finalized, and two three-year contract positions were recruited to assist with the daily operations of the Ozone section
Effective Ocean Monitoring	<ol style="list-style-type: none"> <li>1. Monthly Ocean Outlook</li> <li>2. Ocean Acidification study</li> </ol>	Achieved	All maintenance planned for Meteorological infrastructure were carried out, however a number of stations still not fully maintained due to lack of available require spare parts
Effective MHEWS	1. MHEWS 100% operational	Partially Achieved	A number of software and equipment need upgrades

## OUTPUT 09.

### WATER RESOURCES MANAGEMENT DIVISION

The **Water Resource Division** under the leadership of ACEO Asuao Malaki Iakopo is organized into three sections.

1. Regulatory and Policy Section
2. Hydrology Section
3. Watershed Section

Three (3) Principal Officers, five (5) Senior Officers, seven (7) Officers and fourteen (14) Assistants.

#### ACHIEVEMENTS

The main objective of Water Resources Management in Samoa remains to ensure the sustainable management of water resources to support economic and social development while ensuring the future generations are not deprived of clean and abundant water resources. 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 Work plan, 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) which has been completed as of 30th June 2024.

Key achievements within the Water Resources Management component are highlighted within this report, and tracked against the planned programs of the **“Budget Targets**

**2023-24”, the “Water for Life: Water, Sanitation & Hygiene Sector Plan 2020-2025”** as well as other identified government priorities

#### 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.

#### 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.

#### 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.

#### 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 grassroots levels of water resources management.

**Table 1** : Performance Measures relating to Community Engagement

Watershed/sites	Hectares (Ha)
Gataivai reserve	1
Tiavi Water reserve	3
Malololelei Water reserve 4 (Aiono Land)	79
PES Restoration Site	2
Salepoua'e Saleimoa	0.5
Luatuanuu Primary School	0.02
Lotofaga Primary School	0.02
Gataivai Primary Scholl	0.02
Fagalii Bio Log	0.05
Iusi Pepe (farmer)	1
Ma'asina reserve (CCA)	4
Opeta (Falevao Farmer)	2
Taala Matafa (Nu'usuatia farmer)	1.5
Hemi Moevaga (Leauva'a farmer)	1
Vaimauga 1	3
Sagaga 1	2
<b>Total</b>	<b>100.11 ha</b>



Bio-log Filtration System for Fagalii Catchment - Improving Water Quality entering the receiving waters of the Fagalii Bay by reducing soil erosion and sedimentation

Key Performance Indicators and Results extracted from Budget FY23/24

Performance Measure / Indicator	Budget Standard Or Target	Traffic Light	Comments
Effective & Sustainable Watershed Management	<ol style="list-style-type: none"> <li>1. 2 New WMPs developed (Siumu &amp; Fogatuli),</li> <li>2. 3 WMPs approved (Lotofaga/Sataoa, Luatuanuu)</li> <li>3. 100 additional hectares rehabilitated</li> <li>4. 164,000 seedlings raised and distributed</li> <li>5. 111,250 seedlings distributed and planted under the 3 Million Tree Planting Campaign</li> </ol>	Partially Achieved	<ul style="list-style-type: none"> <li>• Watershed Management Plan for Nuusuatia was tabled with the Water Resources Board in its meeting on the 27th November 2023</li> <li>• Two WMPs were tabled in the WR Board's meeting on the 07th June 2024. These were for the Leusoalii and Gataivai catchments.</li> <li>• All three WMPs were approved by the Water Resources Board.</li> <li>• 2nd Phase of consultations with Gataivai on WMP development completed on the 3rd August 2023.</li> <li>• Characterization works for Saipipi catchment were carried out on the 29th November 2023.</li> <li>• Initial consultations for WMP and bylaw development with Fogatuli completed on the 12th October 2023</li> <li>• Phase 2 of community consultations for Fogatuli catchment and tree planting completed on the 14th February 2024</li> <li>• Initial consultations for Saipipi watershed area was carried out on the 15th February 2024.</li> <li>• Maasina catchment Initial Community Consultation completed on 19th March 2024.</li> <li>• Maasina Fagaloa community completed construction of the P3D model from the 20th – 23rd March 2024.</li> <li>• 100.11 ha and a total of 108,720 seedlings disbursed and planted at 28 different sites/villages (Maasina, Tafitoala, Salepouae Saleimoa, Lepa, Nuusuatia, Gataivai,</li> <li>• 100.11 ha and a total of 108,720 seedlings disbursed and planted at 28 different sites/villages</li> </ul>

<p>Number of awareness and educational programs on water resources management conducted</p>	<p>4 Awareness and educational programs completed</p>	<p>Achieved</p>	<ul style="list-style-type: none"> <li>• School awareness campaign completed for 3 Primary Schools (Luatuanuu, Lotofaga and Gataivai) and 1 College (Safata College) from the 27th July to the 03rd August 2023</li> </ul>
<p>Effective and timely Flood Warning System in place</p>	<ol style="list-style-type: none"> <li>1. Flood Incident Reports issued</li> <li>2. 2 new telemetry stations installed and/or upgraded</li> </ol>	<p>Achieved</p>	<ul style="list-style-type: none"> <li>• Reports developed and shared with the relevant stakeholders.</li> <li>• Situational Reports were prepared for flood events for the following dates; <ol style="list-style-type: none"> <li>1. 3 November 2023</li> <li>2. 9 November 2023</li> <li>3. 27 December 2023</li> <li>4. 22 January 2024</li> <li>5. 25 January 2024</li> <li>6. 26 January 2024</li> <li>7. 5 May 2024</li> <li>8. 01 June 2024</li> </ol> </li> <li>• Palauli RG was upgraded to telemetry on 30/01/24. New Rainfall Sampler was installed at Afiamalu on the 19/12/2023</li> </ul>
<p>Reliable and effective Hydrometric Network</p>	<p>Minimum of 12 maintenance and monitoring visits completed</p>	<p>Achieved</p>	<ul style="list-style-type: none"> <li>• Ongoing maintenance and monitoring visits carried out by the Hydrology Team. These are both for the surface water and groundwater stations.</li> <li>• A total of 28 maintenance/monitoring visits were carried out for Upolu to carry out maintenance works for all stations as well as to respond to offline stations in need of repairs.</li> <li>• Special monitoring site visits lead by WRD for a GCF mission on the 19 July 2023, an IAEA Project visit as carried out on the 05 December 2023 and an AWSOM Project visit on the 02nd May 2024.</li> <li>• Savaii hydrometric network monitoring and maintenance visits were conducted on the following dates; <ul style="list-style-type: none"> <li>• 31 July - 4 August 2023</li> <li>• 9 - 13 October 2023,</li> <li>• 29 January – 2 February 2024,</li> <li>• 13 – 17 May 2024.</li> </ul> </li> </ul>

<p>Effective and timely Flood Warning System in place</p>	<p>6 Flood Incident Reports issued</p> <p>2 new telemetry stations installed and/or upgraded</p>	<p>Achieved</p>	<ul style="list-style-type: none"> <li>• Reports developed and shared with the relevant stakeholders.</li> <li>• Situational Reports were prepared for flood events for the following dates; <ol style="list-style-type: none"> <li>1. 3 November 2023</li> <li>2. 9 November 2023</li> <li>3. 27 December 2023</li> <li>4. 22 January 2024</li> <li>5. 25 January 2024</li> <li>6. 26 January 2024</li> <li>7. 5 May 2024</li> <li>8. 01 June 2024</li> </ol> </li> <li>• Palauli RG was upgraded to telemetry on 30/01/24. New Rainfall Sampler was installed at Afiamalu on the 19/12/2023</li> </ul>
<p>Effective groundwater monitoring</p>	<p>2 new monitoring boreholes (Neiafu and Sataoa)</p> <p>100% compliance to WALS</p> <p>Updated Groundwater Profile map</p> <p>Vailele Potentiometric Map developed</p>	<p>Achieved</p>	<ul style="list-style-type: none"> <li>• Groundwater monitoring borehole for Salailua has been established and is now operational at a depth of 56m at an elevation of 45.1m</li> <li>• Drilling works for this borehole was carried out from the 04 – 16 December 2023.</li> <li>• The second groundwater borehole was drilled and established in Sataoa from the 27 May to the 07 June 2024 • Sataoa borehole with a total depth of 51m at an elevation of 13m.</li> <li>• Drilling reports are available for both sites.</li> <li>• Water abstraction license renewal for Ott Constructors issued on the 18th October 2023</li> <li>• 6 license renewals submitted by SWA were issued on the 28th November 2023</li> <li>• 1 new license application for surface water use at Laulii for dust control at Quarry operations issued on the 28th November 2023</li> <li>• 1 new surface water abstraction license issued to the CCECC for dust control in road construction work for the Cross Island Road Upgrade Project on the 20th February 2024.</li> <li>• 1 new surface water abstraction license issued to the Electric Power Corporation on the 10th June 2024 for hydropower generation in Fuluasou</li> </ul>

			<ul style="list-style-type: none"> <li>• 1 new license application for surface water use at Laulii for dust control at Quarry operations issued on the 28th November 2023</li> <li>• 1 new surface water abstraction license issued to the CCECC for dust control in road construction work for the Cross Island Road Upgrade Project on the 20th February 2024.</li> <li>• 1 new surface water abstraction license issued to the Electric Power Corporation on the 10th June 2024 for hydropower generation in Fuluasou.</li> <li>• 1 new license issued to 3Ts Company Limited for surface water abstraction activities for dust control at the Vaigaga Primary School construction site.</li> <li>• Groundwater profiles from all groundwater monitoring boreholes were last analysed and updated on the 28th June 2024</li> <li>• Vailele profiles have been collected and analysed for mapping.</li> <li>• Potentiometric map for Vailele with groundwater profiles now in place.</li> </ul>
Enhanced Flood Resilience	Minimum of 6 river systems channelized	Achieved	<ul style="list-style-type: none"> <li>• 2 sites in Savaii were channelized and these were for river channels in Fogatuli and Gataivai.</li> <li>• The channelization works for Gataivai were completed in 27 Feb – 05 March 2024. Total distance of river channelized is 300m.</li> <li>• Fogatuli channel was channelized from the Ford to 200m upstream. These works were carried out mid- March 2024.</li> <li>• Vaimoso Tai channelization works were carried out from the 01st – 12th August 2023. 200m of the river channel was cleared of sedimentation and debris.</li> <li>• River channelization works carried out in Lepea commenced on the 15th – 26th August 2023 with a total distance on 300m channelized.</li> <li>• Tuanaimato River channelization works were carried out from the 15th – 26th April 2024. A total distance of 300m was channelized.</li> <li>• Final sites were Lalovaea and Siumu with total distances of 200m each.</li> <li>• 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.</li> </ul>

Effective Upland Watershed Protection	Enforcement of Upland Watershed Protection Regulations & Upland Watershed Conservation Policy	Achieved	<ul style="list-style-type: none"> <li>• The Draft Upland Protection Regulations have yet to be finalized with review by the OAG still ongoing with their comments submitted to the Ministry to be addressed.</li> <li>• Ongoing monitoring and enforcement of the existing Policy and Legal Framework is on track with minimal non-compliance from the general public.</li> </ul>
Effective IWRM Governance (enforcement/increased compliance to WRM regulations)	<p>5 non-compliant cases resolved</p> <p>4 Water Resource Boards Meetings conducted</p> <p>Drought Policy Approved by Cabinet</p>	Partially Achieved	<ul style="list-style-type: none"> <li>• Unregulated water abstraction activities as carried out by 3Ts Co Ltd water trucks through the abstraction of surface water resources without a license was reported to the Ministry by members of the public on the 29th May 2024. The matter was resolved with issuance of approved water abstraction license on the 10th June 2024.</li> <li>• Frankies Co. Ltd has been carrying out unregulated groundwater abstraction activities at their Poultry processing facilities in Mulifanua by use of a pre-existing groundwater borehole, as reported to the Ministry in November 2023. Discussions with the company have been ongoing to resolve this issue and a license application was submitted on the 16th May 2024 for processing.</li> <li>• A total of 3 Water Resources Board Meetings completed in 27th November 2023, 20th February 2024, and 07th June 2024.</li> <li>• One field site visit for the Water Resources Board members was carried out on the 16th April 2024 to witness the activities and work carried out and being tabled/discussed in the Board meetings.</li> <li>• The consultancy contract for the development of the National Drought Policy and Management Plan commenced on the 05th February 2024 for duration of 6 months. The first draft of the National Drought Policy was submitted by the consultants in May 2024 for review.</li> <li>• The finalized Drought Policy as well as a complementary Drought Management Plan and Results Based Framework are to be completed by end of contract in August 2024 and tabled with Cabinet for their approval in September 2024.</li> </ul>

## OUTPUT 10.

### DISASTER MANAGEMENT OFFICE DIVISION

The [Disaster Management Office](#) is led by ACEO Fesolai Molly Nielsen. The Division is organised into four sections;

1. Disaster Management Section
2. Risk and Reduction Section
3. Community Disaster Preparedness Section
4. Emergency Radio and Network Section

4 X Principal Officers

4 x Senior Officers

4 x Officers

3 x Assistants.

#### ACHIEVEMENTS

The FY2023–2024 has been marked by significant achievements and challenges. Below are comprehensive overview of progress, and milestones, and the impact of the DMO work over the past year despite the shortages of staff.

#### Disaster Preparedness/Prevention Activities (Disaster Management/Risk Reduction)

##### DRM Awareness Raising and Training

- Throughout the year awareness and trainings continued to be crucial components of effective disaster preparedness to build resilience and capacity at all levels. The DMO delivered awareness raising to communities, schools, businesses, NGOs, CSOs increasing their awareness and knowledge on Disaster Risk Management.
- Utilized media advertising platforms and packages for DRM awareness materials to TV1, TV2, TV3, TV5, TV9, 2AP, Talamua Media, Vodafone Yellow Pages Directory, Samoa Business Directory (Talamua)
- 6 Trainings were conducted and facilitated:
  1. Risk Analysis using RiskScape and Nexus training implemented under the PARTner 2 project in collaboration with NZ MFAT, SPC and NIWA
  2. Initial Damage Assessment (IDA) form consultation and training workshop for national stakeholders in collaboration with UNOCHA
  3. Understanding Disaster Risk Reduction training for the Samoa Tourism Authority
  4. Disaster Risk Management training for the Women in Business Development Inc.
  5. Disaster Risk Management training for the BSP Bank
  6. Disaster Risk Management training for the NZ High Commission Office for NZ Volunteers
- Supported 6 Fire Drills with the SFESA for SPREP Office Vailima, ANZ Bank Apia, Tanoa Hotel Sogi, NUS Maritime Mulinuu, Ah Liki Wholesale Vaitele
- Coordinated a Tabletop Exercise for the Samoa Family Health Association (SFHA) office.
- On November 9th, as part of the National Environment Week 2023 and Samoa's contribution to the World Tsunami Day, a tsunami evacuation drill was conducted across the Greater Apia Area, spanning from Vaimoso and Mulinuu to Moataa. The drill provided an opportunity to test the evacuation plans of businesses, schools, and villages within the area. It also evaluated Samoa's early warning systems, including sirens installed in the Vaisigano Area, SFESA and SPA sirens, as well as church and school bells. The drill involved participation from 31 villages, 24 schools, over 200 businesses, and 34 offices, including government ministries, state owned enterprises and

embassies.

- 4 participatory consultation workshops were held across various sectors and communities in Upolu and Savaii to review Samoa's Disaster Risk Management Framework. These workshops contributed to the development of the Disaster Risk Management Policy and updated National Disaster Management Plan.
- 2 Response Agencies Plans for the Samoa Tourism Authority (STA) and the Samoa Fire and Emergency Services Authority (SFESA)
- 7 Schools DRM Plans for Sapunaoa Primary, Sauano Primary, Lalomauga Primary, St Marys Primary, Marist Brothers Primary, ECE Sogi and Aleipata College)



- 3 Mass Casualty Plans for Manu Samoa Rugby Union

## 9.2 Emergency Radio Network / Emergency Siren Network

- The Emergency Radio Network fully transitioned and transferred to the Ministry of Police, Prisons and Corrections to use for the CHOGM supported by the Australia Federated Police.
- The Emergency Siren Network is functional however the 23 sirens at the South East area need urgent replacement for 19 sirens. The 5 sirens at the Vaisigano Area are fully functional and operational. The ESN is tested every month.
- A Diagnostic Survey and Report for the ERN and ESN conducted and completed under the DFAT Australia Assists Program.
- In collaboration with the GCF Vaisigano Catchment Project conducted an awareness campaign for communities along the Vaisigano Area where five sirens have been installed. The campaign aimed to familiarise residents with the siren sounds, which will be used to alert them to various hazards such as flooding, tsunamis, and fires. Additionally, it served to inform and prepare villages and schools for the tsunami evacuation simulation planned for National Environment Week and the World Tsunami Day.
- 31 villages included Moataa, Vaiala , Levili, Matautu, Vaipuna, Tanugamanono, Leufisa, Motootua, Maluafou, Leifififi, Faatoia, Lelata, Vini Fou, Maagiagi, Tiapapata, Afiamalu, Vaoala, Letava, Vailima, Avele, Papauta, Apia, Leone, Vaisigano, Aai o Niue, Malifa, Tufuiopa, Lalovaea, Fugalei, Mulinuu and Vaimoso.
- 24 schools included Vaivase Primary, Samoa College, Falefitu Primary, Vaimauga College,

Manumalo Primary, Vailima Primary, Malifa Primary, Leififi College, Tanugamanono Primary, Avele College, Moataa Primary, Moataa Preschool, Montessori Pre School, Anglican Pre School, Anglican Primary School, Maagiagi Primary, SDA School, Marist School, St Marys Primary, St Marys College

### **Hazard Risk & Vulnerability Assessments**

- A total of 20 Hazard Risk & Vulnerability Assessments were conducted with 20 reports included:
- 17 schools assessments with hazard maps developed for Saipipi Primary, Gataivai Primary, Amoa College, Siufaga Primary, Paia Primary, Salua Manono Tai Primary, Apolima-Uta Primary, Aleipata Primary, Piu Primary, Salelesi Primary, ECE Sogi, Vaimea Primary, Vaimoso Primary, St. Mary's Primary, Marist Brothers Primary, Lalomauga Primary and Uafato Primary in partnership with MEC funded by the TAUTUA DFAT project.
- 2 vulnerability assessments conducted for the Fugalei and Salelologa markets under the UNDP Markets for Change program
- 1 risk assessment to inform disaster response planning for Samoa Tourism Authority
- Conducted the Central Apia Urban Area mapping and assessments for the upgrading and installations of 129 tsunami evacuation signs
- Conducted a Capacity Needs Mapping in collaboration with the World Food Programme – Information Management to relevant agencies and stakeholders to analyse systematic gaps that need to be addressed to enhance Samoa's humanitarian supply chain and logistics protocols.
- Conducted an ICT Capacity Assessment in collaboration with the World Food Programme/ Emergency Telecom Cluster in partnership with the MCIT to relevant agencies and stakeholders. The ICA is an important tool in examining the level of technical, coordination and systems capacity in a country.
- Conducted a Logistics Capacity Assessment (LCA) in collaboration with the World Food Programme-Logistics to update the Logistics Capacity Assessment (LCA) for Samoa and to determine if it meets the standards set by the WFP and the Humanitarian Community through the LCA Working Group. This information is critical for emergency planning and response, both locally and on a regional and international scale, when humanitarian agencies address disasters in Samoa.

### **9.3 NEOC Building systems fully installed and functional and operations**

- The NEOC building systems remained well maintained and operational throughout the year. The eight systems are the fire alarm system, water tanks system, lift system, generator system, CCTV system, Audio Visual system and air condition system and the gas system.
- The NEOC was on stand-by mode during this FY as there was no State of Emergency or response to any incidents or situations.
- Installation of the ICT MHEWS completed to connect the NEOC, Meteorology Office and TATTE (ICT & Water Resources Division) completed under the Pacific Resilience Program (PREP)
- Conducted engagements and simulations for international responses and capacities between Nevada Partnership Program under its MOU with DMO, MPPC and SFESA, NZ Humanitarian Team, Australia Humanitarian Team, American Samoa Disaster Office under the Atoa o Samoa MOU, the Pacific Partnership and the US Coast Guard.
- Prepositions supplies such as tents, tarps, hygiene kits, education kits, wash kits made available and in partnership with UNICEF.
- Emergency stocks for evacuation centres such as beddings and cleaning supplies made available under the Pacific Resilience Program (PREP).
- 2 x Satellite phones made available to the NEOC in partnership with World Food Program (WFP).

## 9.4 Implementation of the Community Disaster & Climate Risk Management Programme.



- The CDCRM programme was successfully implemented to twelve (12) villages. These villages are Tuanai, Afega, Tufulele, Saipipi, Satalo, Sapunaoa, Fogasavaii, Lano, Salelavalu, Sauano, Nuusuatia and Lalomauga.
- All 12 villages have produced Village Disaster and Climate Risk Management and Response Plans. Simulations and drills were carried out to test the village plans, evaluating the skills acquired from village response trainings and making necessary adjustments to improve the plan.
- Additionally, the CDCRM Program successfully designated one community building in each of the 12 villages to serve as evacuation centres during disasters.
- The implementation of the CDCRM to 12 villages this FY was made possible with the financial assistance from the NZ-NEMA DRM Program and the USAid with IA ADRA-Samoa.

### Implementing Agencies

The CDCRM programme continued to be implemented with the technical support of the traditional Implementing Agencies, ADRA, SFESA and SRCS and Response Agencies and stakeholders which included NOLA, SFHA, MOH, MPPC, MPMC (Press Secretariat) MWCSD and the Samoa Meteorology Division as well as insurances companies.

As secretariat to the Disaster Advisory Committee the Disaster Management Office provided the following support with the submission of the following:

1. Tropical Cyclone Outlook 2023-2024 released by the Meteorology Office
  2. Tropical Cyclone Outlook 2023-2024 preparations and response plan
  3. Drafts of the Samoa Disaster Risk Management Policy and the National Disaster Management Plan
- Samoa Disaster Risk Management Policy 2024-2034 approved by Cabinet
  - National Disaster Management Plan 2017-2020 reviewed
  - Disaster Management Act 2007 Issues Paper completed
  - Updated National Disaster Management Plan 2024-2034 final draft
  - ICT MHEWS installed connecting the NEOC, Meteorology Office and the TATTE (IT & WRD)
  - NEOC Building insured
  - Implementation of the CDCRM Program to 12 villages
  - Continuation of awareness and disaster planning programs.
  - Recruitment of the Principal Officer for the new section ERN (Radio & Communication) Section
  - Implementation of the NZ-NEMA DRM Program with an extension to another FY 24-25 with funding addition.
  - Funding secured for the Savaii sub-national EOC under the EU EDF11 Building Safety and Resilience Program (BSRP) 2 a regional project housed within the SPC.
  - Secured the Samoa NEOC Warehouse under the Pacific Humanitarian Warehouse Program (PHWP). A multi-donor program led by DFAT housed within the SPC.
  - The staff shortage is a critical issue, particularly the need for personnel to support the implementation of DMO's core functions, such as a Community Disaster Preparedness Officer in the Community Disaster Preparedness Section. Additionally, a new section needs to be established to handle disaster risk management and response planning, as outlined in the DEM

Act.

- With the NEOC facility established and maintained, there is a need to create a new section responsible for its upkeep. This includes recruiting a Maintenance Principal Officer along with senior and junior officers, to manage the building and its systems.
- Public cases and complaints related to tree management highlight the need for a review of the Tree Management Policy. The processes for tree trimming and cutting should be addressed and incorporated into the DEM Act.
- Maintaining the networks in the NEOC, such as the ICT MHEWS requires funding to hire technical experts and local consultants for system installation. The ESN urgently needs replacement, upgrades, and expansion to other parts of the country. The tools and a crane truck is urgently needed for maintenance and funding is necessary to support these efforts.

The NEOC facility requires adequate warehousing and storage space for preposition supplies. Newly established section and recruited personnel were to transferred to the MPPC immediately created numerous challenges for the division's operations



Disaster Risk Reduction Vulnerability Assessment for Schools

Key Performance Indicators and Results extracted from Budget FY23/24

Performance Measure	Budget Standard	Traffic Light	Comments
Effective law for disaster and emergency management	Disaster and Emergency Management Act 2007 reviewed	Partially Achieved	Issues paper completed during the National DRM Framework Review. Funding secured for legislative draughter to review Act. TOR cleared by AGO and have been advertised due in to the Tenders Board 19 August 2024.
Robust DRM Policy and Planning Framework	<p>Standards reviewed and updated National Disaster Risk Management Plan updated;</p> <ul style="list-style-type: none"> <li>• National Tsunami Plan reviewed;</li> <li>• National Tropical Cyclone Plan reviewed;</li> <li>• Toolkits reviewed (Response Agencies, Schools, CDCRM);</li> <li>• 2 Sectors Response Plans developed, tested and reviewed;</li> <li>• 2 Response Agencies Response Plans developed, tested and reviewed,</li> <li>• 2 School Disaster Plans developed, tested and reviewed; and 15 village response plans developed, tested and reviewed</li> </ul>	Partially Achieved	<ol style="list-style-type: none"> <li>1. SDRM Policy 2024-2034 Policy approved - achieved.</li> <li>2. Gender Policy put on hold until NDMP is approved &amp; DEM Act is reviewed - partially achieved</li> <li>3. Disability Policy put on hold until NDMP is approved and DEM Act is reviewed - partially achieved</li> <li>4. National Risk Standards put on hold until NDMP is updated and DEM Act reviewed - partially achieved</li> <li>5. NDMP updated - NDMP reviewed conducted NDMP updated final drafted process for Cabinet approval - achieved</li> <li>6. NTC Plan reviewed put on hold until NDMP is updated and DEM Act reviewed partially achieved</li> <li>7. Toolkits Reviewed (Response Agencies - achieved, Schools - not achieved, CDCRM - achieved)</li> <li>8. 2 Sectors Response Plan - partially achieved 1 Tourism Sector Plan</li> <li>9. 2 School Disaster Plan - achieved 7 schools Spaunaoa, Sauano, Lalomauga, St Marys, Marist, ECE Sogi, Aleipata)</li> <li>10. 15 village rresponse plans - partially achieved - 12 villages Tuanai, Afega, Tufulele, Saipipi, Satalo, Sapunaoa, Fogasavaii, Lano, Salelavalu, Sauano, Nusuatia and Lalomauga</li> </ol>

<p>Effective awareness campaigns and trainings for disaster risk management</p>	<ol style="list-style-type: none"> <li>1. World Tsunami Day commemorated;</li> <li>2. International Disaster Risk Reduction Day celebrated;</li> <li>3. 5 public awareness programs completed; 5 trainings completed.</li> </ol>	<p>Achieved</p>	<ul style="list-style-type: none"> <li>• World Tsunami Day &amp; IDDR Day - achieved - 9 November Greater Apia Area Tsunami Evacuation Drill from Vaimoso, Mulinuu to Moataa during the National Environment Week 2023 program.</li> <li>• 5 public awareness programs - achieved = tv, radio, materials, ESN awareness to 31 villages, 24 schools, tsunami drill campaign</li> <li>• 4 trainings completed - achieved = 6 trainings Risk Analysis using RiskScape with Partner 2 project, SPC and NIWA, Initial Damage Assessment (IDA) form with UNOCHA, Understading Disaster Risk Reduction with STA, DRM trainings for BSP Bank, NZ Volunteers, WIBDI, 1 Tabletop Exercise with SFHA, supported 6 fire drills with SFESA for SPREP office Vailima, ANZ Bank Apia, Tanoa Hotel Sogi, NUS Maritime Mulinuu, Ah Liki Whole sale Vaitele</li> </ul>
<p>Effective information management for disaster risk management</p>	<ol style="list-style-type: none"> <li>1. Databases updated (Plans, ERN &amp; ESN, Contacts, Hazard Mapping &amp; Zoning, Tsunami Signs, Evacuation Centres);</li> <li>2. Updated Sendai Framework Portal</li> </ol>	<p>Achieved</p>	<ul style="list-style-type: none"> <li>• Databases updated - achieved housed at the NEOC (CDCRM Plans, Response &amp; DRM Plans, Contacts, Tsunami Signs, Evacuation Centers, Hazard Mapping &amp; Zoning, Awareness Materials)</li> <li>• Sendai Framework Portal updated - achieved 3 meetings virtually conducted with local focal points and the regional focal point</li> </ul>
<p>Reliable communication and early warning networks for disaster and emergency</p>	<p>Functional ERN &amp; ESN (maintenance, tested, spare parts available, expansion), NEOC Facility servers, satellite telephone, emergency code (number &amp; SMS), CAP functional</p>	<p>Achieved</p>	<ul style="list-style-type: none"> <li>• Functional ERN fully transitioned and transferred to MPPC for CHOGM (2) Functional ESN - achieved 12 sound tests, 5 Vaisigano sirens functional, 23 sirens southeast needs replacements. ERN &amp; ESN Diagnostic Survey &amp; Report completed, ICT MHEW installed, 2 x satellite phones made available from WFP, NEOC servers functional and operational</li> </ul>

<p>Effective co-ordination for disaster and emergency response</p>	<ol style="list-style-type: none"> <li>1. Functional NEOC Facility (intenance);</li> <li>2. NEOC SOP reviewed;</li> <li>3. Warehouse construction complete; and</li> <li>4. Prepositioned supplies available</li> </ol>	<p>Partially Achieved</p>	<ul style="list-style-type: none"> <li>• NEOC Facility maintained - achieved all 8 systems operational.</li> <li>• NEOC SOP reviewed - partially achieved put on hold until NDMP updated and DEM Act reviewed (3) Warehouse construction completed - partially achieved secured Samoa's NEOC Warehouse under the Pacific Humanitarian Warehouse Program (4) Prepositions supplies available - achieved - emergency stocks and evacuation centers beddings and cleaning made available under PREP project and supplies such as tarps, tents and kits made available from UNICEF</li> </ul>
<p>Effective governance for disaster risk management</p>	<p>4 DAC meetings (3 quarterly meetings + 1 TC Outlook Briefing)</p>	<p>Partially Achieved</p>	<ul style="list-style-type: none"> <li>• DAC Meetings - partially achieved 1 TC Outlook meeting + 1 DRM Policy &amp; Plan meeting.</li> </ul>
<p>Effective projects management</p>	<p>Implementation of projects (lead and contributor)</p>	<p>Achieved</p>	<ul style="list-style-type: none"> <li>• (1) Implementation projects - NZ NEMA DRM project activities implemented, progress reports, extension to 24-25 with additional funding. BSRP 2 MOU signed and in progress. PHWP in progress. Supported PARTNER 2 with Env Sector Tautua Schools project with MEC in progress. Supported ACEO WRD with PREP project progress. MOU signed with Field Ready project.</li> </ul>

## OUTPUT 11.

### WATER SANITATION AND HYGIENE COORDINATION SECTOR DIVISION

The [Water and Sanitation Sector](#) under the leadership of ACEO Saveatama Falefatu Salele is organized into two(2) Principal Officers, two (2) Senior officers and 1 Officer.

#### ACHIEVEMENTS

- EU Ambassador Site Visit July 2023
- WASH Sector School Awareness Campaign for Upolu November 2023
- EU Journalists Site visit November 2023
- PACRES Launching January 2024
- 16th Annual Performance Review for FY22/23 February 2024
- Rapid Response Manufacturing in the Pacific Launching March 2024

#### Key Performance Indicators and Results extracted from Budget FY23/24

Performance Measure	Budget Standard	Traffic Light	Comments
Enhanced sector policy, strategy and planning frameworks	<ol style="list-style-type: none"> <li>1. Implementation of the WaSH Sector Plan 2020-2025 by 60%;</li> <li>2. National Sanitation Policy implemented by 30%;</li> <li>3. National Water Services Policy launched;</li> <li>4. National Effluent Discharge Standards launched</li> </ol>	Achieved	<ul style="list-style-type: none"> <li>• Implementation in progress</li> </ul>
Enhanced HR capacity for the sector	Capacity Building Strategy and Action Plan 2022-2027 launched and Implemented by 40%	Partially Achieved	<ul style="list-style-type: none"> <li>• Capacity Building Strategy ongoing with MOU signed by Oloamanu for ongoing trainings continue to be implemented</li> </ul>
Robust sector governance and coordination	<ol style="list-style-type: none"> <li>1. Monthly TSC meetings conducted ;</li> <li>2. Quarterly JWSSSC meetings conducted</li> </ol>	Achieved	<ul style="list-style-type: none"> <li>• We've had 4 TSC meetings, 3 JWSSSC meetings, 1 annual review 5 subcommittee meetings, 6 training workshops, 3 consultations</li> </ul>
Effective and robust performance monitoring systems sustained	<ol style="list-style-type: none"> <li>1. 16th AR Completed;</li> <li>2. 2 monitoring visits conducted;</li> <li>3. 1 Research paper completed</li> </ol>	Achieved	6th Annual Review was conducted on 22 February 2024

<p>Effective and efficient sector communications strengthened</p>	<ol style="list-style-type: none"> <li>1. Quarterly newsletters issued;</li> <li>2. 2 national awareness programs conducted;</li> <li>3. Commemoration of National Toilet Day FY2023-2024.</li> </ol>	<p>Partially Achieved</p>	<p>The National Communications Strategy was launched in July 2022 with implementation in progress. National School Awareness Program conducted 27-28 March 2023 in Savaii and Upolu in November 2023 during the National Environment Week. National Toilet Day commemorated</p>
<p>Effective sector CC and disaster resilience and management</p>	<ol style="list-style-type: none"> <li>1. Sector Disaster Risk Management Plan launched;</li> <li>2. 1 CDCRM related training conducted.</li> </ol>	<p>Achieved</p>	<p>A training on Rapid Response Repair and Manufacturing during disasters was conducted on 22nd March 2023. Awaiting endorsement of the Sector's DRM Plan to be aligned</p>

## OUTPUT 12.

### INFORMATION COMMUNICATION & TECHNOLOGY DIVISION

The **Information Communication and Technology** is headed by ACEO Ulugia Charles Pritchard. The Division is organized into three sections;

1. Media and Communication Section
2. Knowledge and Management Section
3. Networking Section

3 x Principal Officers, 2 x Senior Officers, 4 x Officers

#### ACHIEVEMENTS

- The Media and Communication Section was initially under the Corporate Service Division and then transitioned under the Information, Communication and Technology Division in January 2024. 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.
- Provided media coverage for more than 100 events, trainings, meetings, workshops, functions, conferences coordinated, facilitated and hosted by the Ministry.
- Consistently updates the Ministry's Facebook, Instagram and YouTube accounts with its events.
- 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.
- Currently leading the Samoa Climate Adaptation Resilience for the Enhancement of Samoa (CARES) Campaign that was launched in April 2024.
- ICT team work on redesigning the Ministry Website and it was launched in April 2024
- Provide Helpdesk support throughout the whole Ministry.
- IT Strategic Plan launched
- Ministry network infrastructure upgrade and maintenance.
- 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

Key Performance Indicators and Results extracted from Budget FY23/24

Performance Measure	Budget Standard	Traffic Light	Comments
Improved ICT Security	<ol style="list-style-type: none"> <li>1. ICT Disaster Recovery Plan launched and operational;</li> <li>2. ICT Strategic Plan launched;</li> <li>3. Helpdesk and Hardware/Software support provided and updated 100%.</li> </ol>	Achieved	Technical Advisor on board to work on DRP. (2) ICT Strategic Plan already launched in March. (3) Continuous/Ongoing support

<p>Effective Maintenance of IT Network Operational and Infrastructure</p>	<ol style="list-style-type: none"> <li>1. 100% Security and Level of Maintenance of Systems, DKIF, Websites achieved;</li> <li>2. 100% Upgrade security and licensing (Firewall, Antivirus, SSL) achieved;</li> <li>3. Robust System backup and recovery;</li> <li>4. ICT Quarterly Inventory Reports prepared.</li> </ol>	<p>Achieved</p>	<ul style="list-style-type: none"> <li>• Newly re-designed website was launched in April 2024.</li> <li>• Firewall, antivirus, SSL license are renewed annually.</li> <li>• Systems are backed up daily, weekly and monthly.</li> <li>• Update ICT Inventory for new FY</li> </ul>
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## OUTPUT 13.

### INTERNAL AUDIT

Internal Audit is a newly established function for MNRE as a result of PSC Structure Review and consultations prior 2023. Following this formation, only one position at ACEO Level was approved to startup the function and was recruited in late September 2023.

- MNRE is inherently considered a high risk government agency given its financial and operation size, high number of employees across different locations, legal functions and large project portfolio comprising of multi-million national and regional projects under its administration. In view of this, Internal Audit is expected to bring a systematic and disciplined approach to evaluate and improve the effectiveness of MNRE internal processes, risk management, and governance.
- Further PSC conveyance received in February 2024 endorsed and recognized the unit as a standalone division with the establishment of separate output and budget in the next financial year.

#### ACHIEVEMENTS

Within nine months since its formation, the Internal Audit was able to complete the following key deliverables within this financial year;

##### 1. Endorsed Internal Audit Charter (“Charter”)

- The first MNRE IA Charter was developed in alignment with Public Finance Management (Internal Audit) Regulations 2020 and relevant standards, with special consideration of MNREs plans and operations. This is a formal document endorsed by the CEO that defines the Internal Audit purpose and authority, independence and objectivity, as well as outlining the responsibilities for the function.
- Correspondingly a presentation was prepared and presented to the management for awareness and mutual understanding going forward.

##### 2. Risk-Based Work Plans

- With the development of the division, it is crucial for the newly appointed Internal Auditor to carry out a risk analysis to gain a thorough understanding of MNRE environment and audit universe. From this exercise, high risk areas were identified and in response, Internal Audit Work Plans and KPIs were strategically scheduled to address and improve on areas identified based on available resources.

#### Proposal for new staff

- In corresponding to the duties and risks identified above, divisional resource evaluation and need analysis was also carried out where it identified resource constraints and the apparent understaffed. Which raises great concerns with the feasibility and effectiveness of a single-staffed Internal Audit function overseeing (currently) fifteen different divisions, some with very complex technical functions. As a result, a proposal of new staff positions was supported and endorsed by the CEO.
- As of reporting time, the ministry is currently compiling all restructuring proposals from across divisions to form one combined Ministry proposal for PSC review and consideration.

#### Cross Government Internal Audit Forum (“IA Forum”)

- Since its inception, MNRE Internal Audit engages with the IA Forum on a quarterly basis meetings that is lead and coordinated by the Ministry of Finance through their Internal Audit and Investigation Division.
- PFM Internal Audit Regulations 2020 requires all internal auditors within any government agencies to join the forum. Its purpose is to develop and provide continuing professional developments for members, a platform to share and network, as well to provide a quality assurance for internal audit functions.
- For this reporting period, there were two meetings held which both were attended and contributed through Cross Government Risk Assessments and Work Plan compilation for the upcoming financial year activities.

## CSU 01.

### LEGAL SERVICES

The [Legal Services Division](#) under the leadership of ACEO Galumalemana Kathleen Taituaave is organized into:

- (1) One Principal Officer,
- (2) Two Senior Officers,
- (3) One Officer
- (4) One Assistant.

#### ACHIEVEMENTS

The Legal Services Division is charged with the function and role of providing effective legal advice to the Ministry, reviewing and clearance of tender documents, contracts and legal instruments, conducting training for authorized officers, handling of civil cases and prosecutions and legislative reforms. Throughout the financial year, the Division continue to provide legal support to all the divisions including the Office of the Chief Executive Officer and the Minister. Currently, there are only three (3) employees under the Division; namely the Assistant Chief Executive Officer, Principal Legal Officer and the Senior Enforcement and Compliance Officer. The Senior Legal Officer and Office Assistant resigned due to opportunities elsewhere. There were two students from the University of the South Pacific who applied for internship and were employed as Part Timers under the Division. Both resigned with one opting to take full time studies and the other moved to a permanent law clerk role at the Office of the Attorney General.

In this financial year, the Legal Services Division reviewed and cleared

- 61 tender documents,
- 112 contracts,
- 47 variations,
- 45 alienation of freehold land consent applications and
- 32 Memorandum of Agreements.

Two in-house refresher trainings were held to train new staff on investigations and roles of authorized officers. In January 2024, 48 authorized officers were appointed under various Acts to undertake enforcement and compliance. One prosecution case on an unlawful harvesting operation was referred to the District Court in late 2023. The first mentions were called in February 2024 where it was then scheduled for hearing in September 2024. Ongoing monitoring inspections lead by the Senior Enforcement and Compliance Officer were conducted fortnightly to different districts and areas. Progress was made in legal reforms and we highlight below:

1. The International Trade in Endangered and Protected Species Bill 2023 has undergone a second review from the Office of the Attorney General;
2. The Climate Change Response Bill 2024 was referred to the Office of the Attorney
3. General for review and clearance in February 2024;
4. The Biological Diversity Management and Conservation Bill 2024 is being finalized after one-on-one consultations. The Ministry aims to submit to the Office of the Attorney General before the end of 2024;
5. The Terms of Sale for Freehold Land Bill was referred to the Office of the Attorney General in April 2024 and is undergoing further discussion with the Ministry taking into the new restructure approved by Government;
6. The Upland Watershed Management Regulation 2023 has been reviewed by the Office of the Attorney General with recommendation to conduct further stakeholder consultation in which the Ministry will schedule in the coming months;
7. The Soil Resource Management Bill is being finalized after community consultations in November 2023.

In addition to our role, we also provide legal advice on international law and negotiations of

multilateral environmental agreements. The Assistant Chief Executive Officer attended the Fourth Intergovernmental Negotiating Committee Meeting to develop a legally binding instrument on plastic pollution including in the marine environment which was held in April 2024.

To enhance the capacity of our Division in environmental law and international conventions, our Principal Legal Officer attended the Workshop on Maritime Boundaries Delimitation in Singapore and the Sub-Regional Workshop on Advancing Chemical Weapons Convention Implementing Legislation held in Fiji. She also successfully completed a Diploma in Ocean Law and Policy from the Rhodes Academy of Ocean Law in Rhodes, Greece. Such opportunities add value to the work of the Division and its role in providing sound legal advice on international issues.

Key Performance Indicators and Results extracted from Budget FY23/24

Performance Measure	Budget Standard	Traffic Light	Comments
Effective and timely legal advice	Applications; 1. Enforcement or application of legislative provisions under MNRE Acts or regulations; 2. Contract management issues; 3. Land registry matters; 4. Government and Customary land leases; and 5. Legal documents and instruments	Achieved	Reviewed and cleared 61 tender documents, 112 contracts, 47 variations and 32 MOUs.
Effective Procurement Process	1. Timely clearance of tender bidding documents; 2. Timely clearance and execution of Contracts/MOUs/MOAs/Agreements	Achieved	Reviewed and cleared 61 tender documents, 112 contracts, 47 variations and 32 MOUs.
Improved Enforcement and Compliance	1. 4 Trainings for authorized officers conducted; 2. Increased number of authorized officers; 3. At least 3 civil matters resolved; 4. At least 2 environmental prosecutions made.	Partially Achieved	Conducted one training for authorized officers; appointed 48 authorized officers; monitoring inspections held fortnightly 1 forestry case filed in court pending hearing.

<p>Robust Legislative Framework</p>	<ol style="list-style-type: none"> <li>1. 4 Trainings for authorized officers conducted;</li> <li>2. Increased number of authorized officers;</li> <li>3. At least 3 civil matters resolved; At least 2 environmental prosecutions made.</li> <li>4. Environment Management Conservation (EMC) tabled in Parliament;</li> <li>5. Soil Management Bill tabled in Parliament;</li> <li>6. International Trade in Endangered species Bill (CITES Bill) tabled in Parliament; and Climate Change Bill passed in Parliament;</li> <li>7. Forestry Management Regulations approved by Cabinet;</li> <li>8. Land Valuation Regulations approved by Cabinet;</li> <li>9. Upland Watershed Protection Regulations approved by Cabinet; and</li> <li>10. Alienation of Customary Land (Mortgages of Leases over Customary Land) Regulations referred to Cabinet</li> </ol>	<p>Partially Achieved</p>	<ol style="list-style-type: none"> <li>1. Alienation of Freehold Land Amendment Bill referred to AG</li> <li>2. Climate Change Response Bill referred to AG</li> <li>3. International Trade in Endangered Species Bill undergoing 2nd Review AG Office</li> <li>4. Water Resources (Upland Watershed) Management Regulation referred to AG</li> <li>5. Biodiversity Bill finalized for submission to AG</li> <li>6. Soil Resources Management Bill finalized for submission to AG.</li> </ol>
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## CSU 02.

### CORPORATE SERVICES

The [Corporate Services Division](#) under the leadership of ACEO Lealasa Faauluuluga Tautau Papalii is organized into three sections

1. Accounts Section
2. Capacity Building Section
3. Administration and HR Section

3 Principal Officers  
 7 Senior Officers,  
 8 Officers  
 25 Assistants

#### HUMAN RESOURCES SECTION (ADMINISTRATION)

**Table 1** : Number of Staff per Division

Division	Contract Positions	Occupied Positions	Projects Positions	Part Timers	Total Active Position as of the 30th June 2023
CEO	1	2			3
MINISTER	1	4			5
RED	1	3	3		4
CC&GEF	1	2	2	3	6
ESCU	1	4	3		5
IA	1				1
LMD	1	25			26
SIA	1	23			24
DEC	1	27	12	3	43
WASTE	1	27			28
FOR	1	77	10		88
MET	1	41	3	3	48
WRD	1	30	10		41
DMO	1	9		1	10
WSCU	1	4			5
ICT	1	7			8
LSD	1	4		1	7
CSD	1	47			47
<b>TOTAL</b>	<b>18</b>	<b>336</b>	<b>35</b>	<b>10</b>	<b>399</b>

Table 1 shows the Total number of active positions within MNRE is 399, current vacant position 29, freeze positions 18 and disestablished positions 8 as of 30th of June 2024. The freeze and disestablished positions has been the result of the Phase one Disestablishment conducted by the Public Service Commission in FY 23-24

**Table 2 :** Gender Profile of the Ministry

<b>GENDER PROFILE FOR FY2023/2024</b>		
Male	284	29%
Female	115	31%
Vacant	29	2%
<b>TOTAL</b>	<b>399</b>	<b>100%</b>
<b>Disestablished/Freeze Positions</b>		
Freeze	18	
Disestablished	8	
<b>TOTAL</b>	<b>26</b>	

**Table 3 :** Recruitment and Selection

<b>RECRUITMENT AND SELECTION</b>	<b>TOTAL NUMBER</b>
New Recruits (Permanent)	79
Part Timers	10
Extension Retirees	9
Reclassification	0

**Table 4 :** Staff Turnover

<b>Staff Turnover</b>	<b>Total Nuumber</b>
Resigned	54
Terminations for Disciplinary	7
Retirement	2
Deceased	3
End Of Contract (Project)	22

**Table 5 :** Irregularity Report

<b>Irregularity Reports</b>	
Vehicles	8
Fixed Asset (Weed eater)	1

## **HUMAN RESOURCE AND DEVELOPMENT SECTION (CAPACITY BUILDING)**

### **In-House Training**

- 6 Inductions Completed 5 In Upolu 2 in Savaii
- 4 staff meetings
- 4 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
- Monitor Cabinet Submissions
- M&E reporting

- 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

## FINANCE SECTION

### Financial Performance

Summary Of Budget For Financial Year Ending 30th June 2024 Outputs	
Annual Approved Budget For Local Outputs FY 2023-2024	\$ 14,348,091.00
Approved Personnel	\$ 11,071,238.00
Approved Operating	\$ 3,030,267.00
Approved Capital	\$ 246,586.00
Less Spending	\$ 14,214,251.00
Equal – Remaining Balance from Local Budget Output	\$ 133,840.00
Transactions On Behalf Of The State	
Approved Budget for BTL FY2023-2024	\$ 15,026,371.00
Less Spending	\$ 13,068,431.00
Equal- Remaining Balance of BTL	\$ 1,957,940.00
<b>Total Remaining Balance</b>	<b>\$ 2,091,780.00</b>

### Expenditures

The overall utilization for the Ministry budget Personnel, Operations & Capital is at 99%.

#### Analysis on Output Expenditure

Note that all Outputs show total utilization (Personnel, Operations and Capital) which ranges from 88%-107%.

#### 1. Transactions on Behalf of State

- Membership fees and grants shows and overall utilization at 82%
- Low utilization is due to the following reasons; invoices have not yet to receive from Conventions and remaining balances from invoices received.

#### 2. Counterpart Costs

- Total utilization at 88%
- Customary Land for Observation Stations and Towers remaining balances from invoices received.
- VAGST Output tax, remaining funds is for May-June 2024 tax, MOF to process.

#### 3. Government Policies/Initiatives (Refer Table 4 with comments)

- Total utilization at 87%
- Remaining funds for Waste Contracts are balances of additional new zones which just started their contracts in April 2024.
- Delay submitted of invoices for ERN Electricity bill from Digicel
- Remaining funds for Seawall due to delay process of Tender Boards decision.

### Revenues

- The Ministry collected 128% overall collection of its annual budget recoveries for the financial year.
- **Output 3 - Land Management Division** - collection is 126% from Stamp Duty, Land leases and outstanding invoices paid.

- **Output 4 – Land Technical Division** collected 130% from Digitizing and survey works.
- **Output 5** – Division of Environment collected 163% from waste fees and outstanding invoices paid.
- **Output 7** – Meteorological Division collected 522% from hire of Drilling Rig machine for drilling works.

Other outputs recorded low collection such as;

- **Output 6** – Forestry Division collections is 66% due to fewer requests for Permits.
- **Output 9** – Water Resources Division collections is 61%.

Annual Recoveries for FY 2023-2024	\$ 5,677,293.00
Actual Recoveries Collected	\$ 7,284,717.00
(Under Collection)/ Over-collection	\$ 1,607,424.00

#### Key Performance Indicators and Results extracted from Budget FY23/24

Performance Measure / Indicator	Budget Standard	Traffic Light	Comments
Effective Financial Operation/ Payment control	<ol style="list-style-type: none"> <li>1. Less than 20 queries;</li> <li>2. Less than 5 low high risk performance from Audit Management Report;</li> <li>3. Quarterly Project accounting update</li> </ol>	Partially Achieved	More than 20 queries due to not submitting relevant documentation from division and incorrect online postings. Not yet to receive Audit Management Report for FY23/24
Increased revenue collection and compliance with revenue targets	<ol style="list-style-type: none"> <li>1. 20% recoveries achieved (outstanding); and</li> <li>2. 100% revenue target collected</li> </ol>	Achieved	Revenue target has achieved by \$1,651,646.00 and we collected 24% of our long outstanding debts for the FY23/24
Effective and efficient Human Resource Management	<ol style="list-style-type: none"> <li>1. Updated Leave and Attendance Records;</li> <li>2. Updated Staff Payroll;</li> <li>3. Robust and timely execution of R &amp; S process;</li> <li>4. Timely submission of MNRE MQR reports to PSC</li> </ol>	Achieved	Short Staff Delegates work with the staff/trained staff as multi-skill/multi-task
Effective Asset Management	<ol style="list-style-type: none"> <li>1. Updated 6-monthly Asset Management Reports</li> </ol>	Achieved	Transferring of assets location and custodian by divisions without notify our asset team has caused huge impact on the audit report. 6-monthly asset Management reports have already submitted to ACEO-CSD
Robust and Coordinated Capacity Building Framework	<ol style="list-style-type: none"> <li>1. 5 In-house HR refresher trainings conducted;</li> <li>2. Updated Training Database;</li> <li>3. Annual Training Needs Analysis Survey using PAS;</li> <li>4. Timely submission of completed PAS to PSC</li> </ol>	Achieved	4 Inductions Per Quota 2 in Savaii 2 In Upolu 5 CLS 1.Payment Process 2.Procurement Process 3.Official Travel 4.PMS 5. Working Condition Entitlements Training Needs Analysis FY 23-24Already submitted PAS FY 22-23 AND Plans to PSC

<p>MNRE Corporate Plan, Service Charter and Workforce Plan developed and finalized AND Date by which MNRE Management Plan and Annual Report is approved</p>	<ol style="list-style-type: none"> <li>1. Updated MNRE Corporate Plan Launched;</li> <li>2. Updated Service Charter and Workforce Plan Launched;</li> <li>3. Timely preparation and submission of Budget;</li> <li>4. Timely preparation and submission of MNRE Management Plan; and</li> <li>5. Timely preparation and submission of Annual Report.</li> </ol>	<p>Achieved</p>	<ol style="list-style-type: none"> <li>1. Service Charter Completed and Endorsed by CEO</li> <li>2. Corporate Plan Already Reviewed awaiting final Endorsement from CEO</li> <li>3. Management Plan template already send out for Divisions to fill in</li> </ol>
<p>Improved internal and external communication processes</p>	<ol style="list-style-type: none"> <li>1. 50% Implementation of the Communication Strategy</li> </ol>	<p>Achieved</p>	<ol style="list-style-type: none"> <li>1. 50% Implementation of the Communication Strategy</li> <li>2. Communication Strategy completed - Communication Section was transferring under ICT Division before the end of this budget year</li> </ol>
<p>Improved Occupational Health and Safety standards</p>	<ol style="list-style-type: none"> <li>1. MNRE OHS policy approved;</li> <li>2. 6-monthly Operational and Maintenance Reports` for MNRE Office Buildings and Assets</li> </ol>	<p>Partially Achieved</p>	<p>No OSH Wardens to assist in data collection. No OSH management system in place. Will implement OHS management system to assist in managing health and safety risks of the Ministry</p>

## Annex 1 : Approved Budget for the Financial Year 23-24

**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	1,010,021.00	99%	1,015,184.00	5163.00	1,136,060.00
	Operating	295,957.00	100%	295,960.00	3.00	184,960.00
	Capital	24,375.00	100%	24,376.00	1.00	
	Overhead	124,328.00	101%	123,366.00	-962.00	123,366.00
	<b>TOTAL</b>	<b>1,454,681.00</b>	<b>100%</b>	<b>1,458,886.00</b>	<b>4205.00</b>	<b>1,444,386.00</b>
2820 - Ministerial Support	Personnel	303,001.00	99%	307,196.00	4195.00	390,128.00
	Operating	262,112.00	100%	262,112.00	-	179,462.00
	Capital	282.00	100%	282.00	-	
	Overhead	177,612.00	101%	176,237.00	-1375.00	176,237.00
	<b>TOTAL</b>	<b>743,007.00</b>	<b>100%</b>	<b>745,827.00</b>	<b>2820.00</b>	<b>745,827.00</b>
2830 - Land Management	Personnel	1,103,972.00	99%	1,112,568.00	8596.00	1,226,696.00
	Operating	213,728.00	100%	213,728.00	-	107,600.00
	Capital				-	
	Overhead	142,089.00	101%	140,990.00	-1099.00	140,990.00
	<b>TOTAL</b>	<b>1,459,789.00</b>	<b>99%</b>	<b>1,467,286.00</b>	<b>7497.00</b>	<b>1,475,286.00</b>
2840 - Land Technical Services	Personnel	848,288.00	100%	847,238.00	-1050.00	920,206.00
	Operating	145,952.00	100%	146,310.00	358.00	90,860.00
	Capital	5,517.00	100%	5518.00	1.00	
	Overhead	106,568.00	101%	105,742.00	-826.00	105,742.00
	<b>TOTAL</b>	<b>1,106,325.00</b>	<b>100%</b>	<b>1,104,808.00</b>	<b>(1,517.00)</b>	<b>1,116,808.00</b>
2850 - Environment Services	Personnel	1,472,053.00	100%	1,477,226.00	5173.00	1,512,487.00
	Operating	192,580.00	100%	193,530.00	950.00	163,530.00
	Capital	37,640.00	99%	37,970.00	330.00	
	Overhead	195,073.00	101%	193,861.00	-1212.00	193,861.00
	<b>TOTAL</b>	<b>1,897,346.00</b>	<b>100%</b>	<b>1,902,587.00</b>	<b>5241.00</b>	<b>1,869,878.00</b>
2860 - Forestry Mgmt., Planning, Research Service	Personnel	1,550,797.00	100%	1,547,225.00	-3572.00	1,547,225.00
	Operating		100%		1.00	223,080.00
	Capital	223,079.00	100%	223,080.00		1,964,166.00
	Overhead				-1512.00	193,861.00
	<b>TOTAL</b>	<b>195,373.00</b>	<b>101%</b>	<b>193,861.00</b>	<b>(5083.00)</b>	<b>1,964,166.00</b>
2870 - Meteorological, Hydrological, Geological	Personnel	1,412,616.00	99%	1,423,280.00	10,664.00	1,429,180.00
	Operating	474,749.00	100%	474,750.00	1.00	464,250.00
	Capital	2,400.00	100%	2400.00	-	
	Overhead	213,134.00	101%	211,485.00	-1649.00	211,485.00
	<b>TOTAL</b>	<b>2,102,899.00</b>	<b>100%</b>	<b>2,111,915.00</b>	<b>9016.00</b>	<b>2,104,915.00</b>
2881 - Sustainable Water Resources Mgmt.	Personnel	889,934.00	101%	880,680.00	-9254.00	886,680.00
	Operating	129,571.00	100%	129,790.00	219.00	123,790.00
	Capital					
	Overhead	195,372.00	100%	193,861.00	-1511.00	193,861.00
	<b>TOTAL</b>	<b>1,214,876.00</b>	<b>101%</b>	<b>1,204,331.00</b>	<b>(10,546.00)</b>	<b>1,204,331.00</b>

2882 Disaster Management	Personnel	457,986.00	102%	448,364.00	-9622.00	423,364.00
	Operating	179,843.00	100%	179,844.00	1.00	179,844.00
	Capital					
	Overhead	142,089.00	101%	140,990.00	-1099.00	140,990.00
	<b>TOTAL</b>	<b>779,918.00</b>	<b>101%</b>	<b>769,198.00</b>	<b>(10,720.00)</b>	<b>744,198.00</b>
2883 - Water Sector Co-ordination Unit	Personnel	268,674.00	100%	269,926.00	1252.00	347,647.00
	Operating	439,692.00	100%	440,356.00	664.00	440,356.00
	Capital	43,469.00	26%	168,512.00	125,043.00	150,000.00
	Overhead	142,089.00	101%	140,990.00	-1099.00	140,990.00
	<b>TOTAL</b>	<b>893,934.00</b>	<b>88%</b>	<b>1,019,784.00</b>	<b>125,860.00</b>	<b>1,078,993.00</b>
Information and Com- munication Technology	Personnel	343,580.00	98%	351,743.00	8163.00	413,769.00
	Operating	100,916.00	98%	102,743.00	1,827.00	44,543.00
	Capital	5,651.00	148%	3826.00	-1825.00	
	Overhead	142,090.00	101%	140,990.00	-1100.00	140,990.00
	<b>TOTAL</b>	<b>592,237.00</b>	<b>98%</b>	<b>621,643.00</b>	<b>7065.00</b>	<b>599,302.00</b>
2891 - Central Services Unit 1	Personnel	236,349.00	108%	218,811.00	-17538.00	218,811.00
	Operating	25,392.00	100%	25,400.00	8.00	25,400.00
	Capital					
	<b>TOTAL</b>	<b>261,741.00</b>	<b>107%</b>	<b>244,211.00</b>	<b>-17,530.00</b>	<b>244,211.00</b>
2892 - Central Services Unit 2	Personnel	1,169,449.00	100%	1,171,797.00	2,348.00	1,175,499.00
	Operating	342,481.00	100%	342,662.00	182.00	342,662.00
	Capital	3,465.00	100%	3,702.00	237.00	
	<b>TOTAL</b>	<b>1,515,395.00</b>	<b>100%</b>	<b>1,518,161.00</b>	<b>2767.00</b>	<b>1,518,161.00</b>

## Transactions on Behalf of the State: Annual Review FY 23-24 Cost Breakdown extracted from Finance One system

**Table 2:** Membership Fees & Grants

D08 - World Meteorological Organization	40,080.00	40,125.00	100%	40,125.00	45.00	On Target
D29 - Union Conservation of Nature, International	35,803.00	36,000.00	99%	36,000.00	197.00	On Target
D30 - SPREP Work Programmed	86,366.00	122,000.00	71%	122,000.00	35,634.00	Variance caused due to exchange rate and delay transfer of funds to their TT Accounts by MOF.
D31 - UNFCC	0	1000	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	1921.00	2000.00	96%	2000.00	79.00	Remaining balance from invoice received

D55 - Migratory Species Convention	469.00	500.00	94%	500.00	31.00	Remaining balance from invoice received
D57 - UN Convention to Combat Desertification	446.00	500.00	89%	500.00	54.00	Remaining balance from invoice received
D58 - UN Environment Programmed (UNEP)	928.00	1000.00	93%	1000.00	72.00	Remaining balance from invoice received
D59 - Stockholm Convention (US1500)	1272.00	1300.00	98%	1300.00	28.00	Remaining balance from invoice received
D60 - Basel Convention (US1000)	1432.00	1500.00	95%	1500.00	68.00	Remaining balance from invoice received
D76 - Commonwealth Forestry Association - London	794.00	998.00	80%	998.00	204.00	Remaining from the invoice submitted
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)	2800.00	2800.00	100%	2800.00	0.00	On Target
E02 - CITES - Trust Fund	181.00	300.00	60%	300.00	119.00	Remaining balance from invoice received
E03 - IRENA - International Renewable Energy Agency	0	600.00	0%	600.00	600.00	No invoice submitted
E34 - Minamata Convention	1977.00	2000.00	99%	2000.00	23.00	Remaining balance from invoice received.
<b>Total</b>	<b>177,339.00</b>	<b>216,332.00</b>	<b>82%</b>	<b>216,332.00</b>	<b>38,963.00</b>	

**Table 3 : Counterpart Costs**

	<b>ACTUALS</b>	<b>ORIGINAL ESTIMATE</b>	<b>UTILISATION %</b>	<b>FINAL ESTIMATE</b>	<b>FUNDS REMAIN.</b>	<b>Comments</b>
G23 - Rents & Lease	694,776.00	694,776.00	100%	694,776.00	0.00	On Target
G46 - Customary Land for Observation Stations and Towers	49,234.00	51,000.00	97%	51,000.00	1766.00	Remaining balance for invoice received.
G63 - Co-location Digicel lease	149,925.00	151,200.00	99%	151,200.00	1275.00	Remaining balance from invoice received
J46 - Roads for Land Board Leased Lands	299,334.00	300,000.00	100%	300,000.00	666.00	On Target
Q01 - VAGST Output Tax	1,290,406.00	1,638,310.00	79%	1,638,310.00	347,904.00	MOF to process remaining tax
<b>Total</b>	<b>2,483,675.00</b>	<b>2,835,286.00</b>	<b>88%</b>	<b>2,835,286.00</b>	<b>351,611.00</b>	

**Table 4 : Government Policies/Initiatives**

Initiative	ACTUALS	ORIGINAL ESTIMATE	UTILISATION	FINAL ESTIMATE	FUNDS RE-MAIN.	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	14,757.00	15,000.00	98%	15,000.00	243.00	Remaining balance from the event expenses
L19 - World Water Day	14,627.00	15,000.00	98%	15,000.00	373.00	Remaining balance from the event expenses
L20 - World Wetlands Day	14,201.00	15,000.00	95%	15,000.00	799.00	Remaining balance from the event expenditures.
L21 - Sanitation Day	13,678.00	15,000.00	91%	15,000.00	1322.00	Remaining balance from the event expenditures.
L25 – Renewable Energy Day	14,948.00	15,000.00	100%	15,000.00	52.00	On Target
L26 – Land and Survey Day	14,424.00	15,000.00	96%	15,000.00	576.00	Remaining balance from the event expenditures.
N70 – NEOC Operations	42,197.00	100,000.00	42%	100,000.00	57,803.00	Remaining from payment of Emergency road works at Vaiaata Landfill.
N90 – Building Insurance	34,670.00	60,000.00	58%	60,000.00	25,330.00	Remaining allocation from insurances of NEOC & WRD Building.
N91 – River Channelization Works (Widening & Dredging)	145,011.00	150,000.00	97%	150,000.00	4989.00	Remaining balance from invoice received
N92 – Seawall/Rock-wall Construction	88,513.00	400,000.00	22%	400,000.00	311,487.00	Remaining funds due delay process of Tenders Board decision.
N93 – Ground-water Monitoring	99,853.00	100,000.00	100%	100,000.00	147.00	On Target
Q19 – Waste Management Service Contracts	3,643,756.00	4,486,273.00	81%	4,486,273.00	842,518.00	Remaining funds were the allocation for additional zones contract which just started in April 2024

Q20 – Land Compensation	4,000,000.00	4,000,000.00	100%	4,000,000.00	0	On Target
	ACTUALS	ORIGINAL ESTIMATE	UTILISATION%	FINAL ESTIMATE	FUNDS REMAIN.	Comments
Q35 – Land Registration/ Leasing Commission	61,653.00	66,000.00	93%	66,000.00	4,347.00	Remaining from invoice received
Q46 – Sludge Maintenance Contract (UpoluSavaii)	138,748.00	159,561.00	87%	159,561.00	20,813.00	Remaining contract payments for June 2024.
Q57 – National Environment Week	14,498.00	15,000.00	97%	15,000.00	502.00	Remaining from invoice received
Q58 – Customary Land Advisory Commission	217,745.00	216,135.00	101%	216,135.00	-1610.00	Overspent due to operating activities.
R57 – Water Sector Annual Review	28,552.00	30,000.00	95%	30,000.00	1448.00	Remaining balance from invoice received
R58 – Water Sector Research Initiative & Impact Assessment	25,596.00	40,000.00	64%	40,000.00	14,404.00	Remaining balance from invoice received
R76 – Public Toilet Maintenance and Cleaning	376,009.00	379,784.00	99%	379,784.00	3775.00	Remaining balance from invoice received
R77 – Millennium Development Goals	13,460.00	15,000.00	90%	15,000.00	1540.00	Remaining balance from invoice received
S11 – Lawn Maintenance	244,177.00	245,000.00	100%	245,000.00	823.00	On Target
S29 – Garden Toilets	20,000.00	20,000.00	100%	20,000.00	0	On Target
S53 – Technical Assistance/Professional Service	203,652.00	275,000.00	74%	275,000.00	71,348.00	Remaining balance from invoice received
S54 – Rainfall Harvesting Program	53,825.00	80,000.00	67%	80,000.00	26,175.00	Remaining from invoice received
S55 – Land Compensation Water Sector	368,600.00	500,000.00	74%	500,000.00	131,400.00	Remaining due to delay approved of PK submission for land compensation
S86 – Regulator (Annual Fees)	26,359.00	32,000.00	83%	32,000.00	5,461.00	Remaining balance from invoice received
S95 – ERN Electricity bill	64,040.00	105,000.00	61%	105,000.00	40,960.00	Delay submission of April-June 2024 invoices from Digicel.
U80 – National Forest Replanting	299,991.00	300,000.00	100%	300,000.00	9.00	On Target
	<b>10,397,540.00</b>	<b>11,964,753.00</b>	<b>87%</b>	<b>11,964,753.00</b>	<b>1,567,213.00</b>	

**Table 5 : Revenue**

REVENUE	ACTUALS	UTILISATION %	REVENUE TARGET	OVER / UNDER
2830 - Land Management	6,915,888.90	126%	5,500,000.00	1,915,888.90
2840 - Land Technical Services	49,760.00	130%	38,149.00	11,611.00
2850 - Environment Services	152,121.60	163%	93,484.00	58,637.60
2860 - Forestry Mgmt, Planning, Research Service	8,212.00	66%	12,360.00	4148.0
2870 - Meteorological, Hydrological, Geo- logical	156,734.50	522%	30,000.00	126,734.50
2881 - Sustainable Water Resources Mgmt	2,000.00	61%	3,300.00	1300.00
<b>TOTAL</b>	<b>7,284,717.00</b>	<b>128%</b>	<b>5,677,293.00</b>	<b>1,607,424.00</b>

**Table 6 : General Ledger**

LEDGER SUMMARY	ACTUALS	UTILISATION %	BUDGET	FUNDS REMAIN	FULL YEAR BUDGET
Output Provided by Ministry	14,214,251.00	99%	14,348,091.00	133,840.00	14,348,091.00
Transaction on Behalf of the State	13,068,431.00	82%	15,026,371.00	1,957,940.00	15,026,371.00
<b>TOTAL</b>	<b>27,284,770.00</b>	<b>93%</b>	<b>29,374,462.00</b>	<b>2,091,780.00</b>	<b>29,374,462.00</b>

**Budget Summary**

SUMMARY BY BUDGET CATEGORY	ACTUALS	UTILISATION %	BUDGET	FUNDS REMAIN.	FULL YEAR BUDGET
Capital	122,799.00	50%	246,586.00	123,787.00	246,586.00
Operating	3,026,111.00	100%	3,030,267.00	4,156.00	3,030,267.00
Personnel	11,065,341.00	100%	11,071,238.00	5,897.00	11,071,238.00
<b>TOTAL</b>	<b>14,214,251.00</b>	<b>99%</b>	<b>14,348,091.00</b>	<b>133,840.00</b>	<b>13,008,997.00</b>

## ANNEX 2- MNRE ASSET MANAGEMENT

Asset Register for Government of Samoa

**Assets as at 29-Aug-2024 09:08:49**

- **No. of Assets : 126**
- **Total Cost : \$ 653,523.74**

Asset Number	Description	Current Cost	Category Description	Asset Location	Asset Custodian
NE-004588	ANKO 7 Cup Rice Cooker	125.01	Office Equipment	Minister's Office	Hon. Minister's Office
NE-004589	ANKO Electric Frying Pan 1800W	199.00	Office Equipment	Minister's Office	Hon. Minister's Office
NE-004590	Panel Patch 24 port Cat 6 568A/B (MO PID-00141)	791.20	Office Equipment	Tafaigata- Waste Management Division	Waste Management Division
NE-004593	MNRE 70 - 2023 Hilux 2.4L Diesel 6 Speed MT 5 Seater 4WD Double cab STD, 2GD. Super white II, Stock#: T0344-03	115,000.00	Motor Vehicles	Tuanaimato-DMO	ACEO DMO
NE-004602	MNRE18 -HILUX 2.4L Super White II. DMT 4WD D/C 2GD TOYOTA 2024	115,000.00	Motor Vehicles	TATTE- ACEO WRD	Water Resource Division
NE-004603	MNRE02 -Hilux 2.4L Diesel 6 speed MT 5 Seater 4WD Double cab ST. ATTITUDE BLACK, TOYOTA. 2024	115,000.00	Motor Vehicles	TATTE- CSD	Corporate Service Division
NE-004604	2 JBL Wireless Microphone Set (\$782.61 per Mic) A & B	1,565.22	Musical Equipment	TATTE - ICT	Communication Section/ Media
NE-004605	Dell inspiron 3593 Core i7-1065G7 Laptop	4,799.00	Computer Equipment	TATTE-LMD CLAC	LMD-Secretary CLAC
NE-004606	Dell inspiron 3593 Core i7-1065G7 Laptop	4,799.00	Computer Equipment	TATTE-LMD CLAC	LMD- CLAC Chairman
NE-004607	Dell Inspiron 15-3511 Core i7-1165G7 Pro Webcam CARBON BLACK Laptop	6,050.00	Computer Equipment	TATTE - Internal Audit Division	ACEO Internal Audit
NE-004608	Dell Inspiron 15-3511 Core i7-1165G7 Pro Webcam CARBON BLACK Laptop	6,050.00	Computer Equipment	Tafaigata - Waste Management Division	ACEO Waste Management
NE-004609	Dell Vostro Core i7-12700 Comptuer Set	4,998.00	Computer Equipment	TATTE - Water Resources Division	Watershed Officer
NE-004610	Dell Vostro 3910 i7-12700 Computer Set	4,998.00	Computer Equipment	TATTE - Water Resources Division	Watershed Officer - Monitoring
NE-004613	FELLOWES 225CT SHREDDER	4,800.00	Office Equipment	TATTE - Land Commission Secretary	ACEO - LMD
NE-004614	SONY VOICE RECORDER	750.00	Office Equipment	TATTE - Land Commission Secretary	ACEO LMD
NE-004616	Dell Latitude 7420 i7-1185G7 Laptop	5,770.00	Computer Equipment	TATTE - GEF/ Climate Change	Principal Climate Change
NE-004617	Dell Precision 5560 MOBILE CORE i7-11850H LAPTOP	8,591.00	Computer Equipment	TATTE - Technical Division	Principal Mapping Officer

NE-004618	PANASONIC RR-XS450 VOICE RECORDER	350.00	Office Equipment	TATTE - Environment Sector	ACEO
NE-004619	CHAINSAW 20 PETROL 72.2CC MS 382	1,999.00	Plant & Equipment	Forestry - Togitogiga	ACEO Forestry
NE-004620	CHAINSAW 16 PETROL 31.8CC MS 180	699.00	Plant & Equipment	Forestry - Togitogiga	ACEO Forestry
NE-004621	BRUSH CUTTER PETROL 40.2CC FS 250 STIHL	1,399.00	Plant & Equipment	Forestry - Togitogiga	ACEO Forestry
NE-004622	Wheel barrow Contractor	520.00	Plant & Equipment	DEC - Vailima	ACEO DEC
NE-004623	Wheel Barrow Contractor	520.00	Plant & Equipment	DEC - Vailima	ACEO DEC
NE-004624	Wheel barrow Contractor	520.00	Plant & Equipment	DEC - Vailima	ACEO DEC
NE-004625	30 PipeeWhite Chair (\$55 per chair) 1-30	1,650.00	Furniture & Fittings	DEC - Vailima	ACEO DEC
NE-004626	10 Folding Table Lifetime (\$180 per Table) A-J	1,800.00	Furniture & Fittings	Vailima - DEC	ACEO DEC
NE-004627	Mistblower Solo 452 15ltr	2,400.00	Plant & Equipment	Vailima - DEC	ACEO DEC
NE-004628	Dell Inspiron i5- 1155G7 Touch-screen Carbon Black Laptop	3,395.00	Computer Equipment	TATTE- DEC /GEF 7 Project	Principal Project - GEF 7
NE-004629	Dell Inspiron i5-1155G7 Touch-screen Carbon Black Laptop	3,395.00	Computer Equipment	TATTE- GEF-7 Project	Project Coordinator- GEF-7
NE-004630	Dell SE2722H MONITOR 27"	1,489.00	Computer Equipment	TATTE - DEC GEF-7 Project	GEF-7 Principal
NE-004631	Dell SE2722H Monitor 27"	1,489.00	Computer Equipment	TATTE - DEC/ GEF-7	GEF-7 Coordinator
NE-004632	2 ADATA HD710 USB HARDRIVE (\$355 per Drive) A-B	710.00	Office Equipment	TATTE - GEF 7 Project	GEF-7 staff
NE-004633	Projector Tripod Screen 1.5m	1,150.00	Office Equipment	NEOC DMO Tuanimato	ACEO DMO
NE-004634	Projector Tripod Screen 1.5m	1,150.00	Office Equipment	NEOC DMO - Tuanimato	ACEO DMO
NE-004635	Projector Tripod Screen 1.5m	1,150.00	Office Equipment	NEOC DMO - Tuanimato	ACEO DMO
NE-004636	Projector Tripod Screen 1.5m	1,150.00	Office Equipment	NEOC DMO - Tuanimato	ACEO DMO
NE-004637	EPSON CO-W01 LUMENS PROJECTOR	2,150.00	Office Equipment	NEOC DMO - Tuanimato	ACEO DMO
NE-004638	EPSON CO-W01 LUMENS PROJECTOR	2,150.00	Office Equipment	NEOC DMO - Tuanimato	ACEO DMO
NE-004639	EPSON CO-W01 LUMENS PROJECTOR	2,150.00	Office Equipment	NEOC DMO - Tuanimato	ACEO DMO
NE-004640	EPSON CO-W01 LUMENS PROJECTOR	2,150.00	Office Equipment	NEOC DMO - Tuanimato	ACEO DMO

NE-004641	FILING CABINET HDW-O1	650.00	Office Equipment	TATTE - Forestry Division	ACEO Forestry
NE-004642	HP LASERJET PRO MFP M283FDN PRINTER	1,850.01	Office Equipment	TATTE - Internal Audit	ACEO Internal Audit
NE-004643	Dynotech 6U Wall Mount Network server Data Cabinet Enclosure Rack Door	790.00	Office Equipment	Tafaigata - Waste Division	ACEO Waste Management
NE-004646	VONYX MICROPHONE AND STAND KIT	250.00	Office Equipment	TATTE - ICT	Communication Section
NE-004647	TENT 3x4.5	620.00	Plant & Equipment	Vailima - WRD	Watershed Section
NE-004648	LOGITECH LASER PRESENTATION REMOTE	260.00	Office Equipment	TATTE - CSD	ACEO CSD
NE-004649	CHAINSAW 18 PETROL FS 250 STIHL	1,199.00	Plant & Equipment	Vailima - DEC	ACEO DEC
NE-004650	BRUSH CUTTER PETROL FS 250 STIHL	1,399.00	Plant & Equipment	Vailima - DEC	ACEO DEC
NE-004651	BRUSH CUTTER PETROL FS 250 STIHL	1,399.00	Plant & Equipment	Vailima - DEC	ACEO DEC
NE-004652	BLOWER 50-Z PETROL STIHL	599.00	Plant & Equipment	Vailima - DEC	ACEO DEC
NE-004653	BLOWER 50-Z PETROL STIHL	599.00	Plant & Equipment	Vailima - DEC	ACEO DEC
NE-004654	Air Conditioning 18000BTU TX Brand	1,900.00	Plant & Equipment	Tafaigata - CSD/ Cashier	Cashier Tafaigata
NE-004655	MNRE 29 - HILUX 2.4L Diesel 6 Speed MT 5 SEATER 4WD DOUBLE CAB MID	138,000.00	Motor Vehicles	TATTE - Water & Sanitation Sector	ACEO Water Sector
NE-004657	Emerge L Shape Desk 1500mmx-1500mm	1,099.00	Furniture & Fittings	Tafaigata - Waste Management Division	ACEO Waste Management
NE-004658	Emerge Boardroom Table 2400mm	1,550.00	Furniture & Fittings	Tafaigata - Waste Management Division	ACEO Waste Management
NE-004659	BURO BRIO 11 CHAIR	1,050.00	Furniture & Fittings	TATTE - Internal Audit	ACEO Internal Audit
NE-004660	BURO BRIO 11 CHAIR	1,050.00	Furniture & Fittings	Tafaigata - Waste Management Division	ACEO Waste Management
NE-004661	10 Buro Lindis no Arms (\$530 per chair) A- J	5,300.00	Furniture & Fittings	Tafaigata - Waste Management Division	Waste Management stuff
NE-004662	COOLEX 24000BTU INVERTER AIRCON	3,400.00	Plant & Equipment	Tafaigata - Waste Management Division	ACEO Waste Management
NE-004663	COOLEX 24000BTU INVERTER AIRCON	3,400.00	Plant & Equipment	Tafaigata - Waste Management Division	ACEO Waste Management
NE-004664	DRAWER FILING CABINET HDK-F04	790.00	Office Equipment	Tafaigata - Waste Management Division	Waste Management Stuff
NE-004665	DRAWER FILING CABINET HDK-F04	790.00	Office Equipment	Tafaigata - Waste Management Division	Waste Management Stuff
NE-004666	DRAWER FILING CABINET HDK-F04	790.00	Office Equipment	Tafaigata - Waste Management Division	Waste Management Stuff

NE-004667	DRAWER FILING CABINET HDK-F04	790.00	Office Equipment	Tafaigata - Waste Management Division	Waste Management Stuff
NE-004668	Emerge Mobile 3 Drawer	799.00	Office Equipment	TATTE - Internal Audit	ACEO Internal Audit
NE-004669	Emerge Mobile 3 Drawer	799.00	Office Equipment	Tafaigata - Waste management Division	ACEO Waste
NE-004670	Whiteboard Lacquered 1200*18000	1,200.00	Office Equipment	Tafaigata - Waste Management Division	Waste Office
NE-004671	Whiteboard Lacquered 1200*1800	1,200.00	Office Equipment	Tafaigata - Waste Management Division	Waste Office
NE-004672	KNAPSACK SPRAYER SOLO15LTR	320.00	Plant & Equipment	Savaai - Forestry Savaai	ACEO Forestry
NE-004673	KNAPSACK SPRAYER SOLO 15LTR	320.00	Plant & Equipment	Savaai - Forestry Division	ACEO Forestry
NE-004674	FILING VABINET HDW-G02	899.00	Office Equipment	Tuanaimato - NEOC Building	DMO staff
NE-004675	BATTERY CHARGER 6/12V 11AMP	473.00	Office Equipment	Vailima - Water Resources Division	Hydrology Section
NE-004676	HOLESAW SET ELECTRICIAN 9PC	210.00	Office Equipment	Vailima - Water Resources Division	Hydrology Section
NE-004677	GRINDER 100MM 840W	339.00	Plant & Equipment	Vailima - Water Resources Division	Hydrology Section
NE-004678	DVE AUTO BMC KIT 1/2 M 85PC	1,055.30	Office Equipment	Vailima - Water Resources Division	Hydrology Section
NE-004679	Brushcutter Echo 4605	2,100.00	Plant & Equipment	Mulinuu - MET	ACEO MET
NE-004680	Dell Latitude 3540 15.6" i7-1TB Laptop	5,670.00	Computer Equipment	Vailima - Water Resources Division	Principal Hydrology
NE-004681	Dell Latitude i7 8GB 1TB MSOf-ice2019Pro Laptop	5,500.00	Computer Equipment	TATTE - Technical Division	Draughting Section
NE-004682	BRUSH CUTTER PETROL 250 STIHL	1,399.00	Plant & Equipment	Mulinuu - MET	ACEO MET
NE-004683	DRILL IMPACT 13MM 700W BODA	150.00	Plant & Equipment	Vailima - Forestry Division	Forestry Vailima
NE-004684	ROUTER 2100w RP2301FC MAKITA	2,399.00	Plant & Equipment	Vailima - Forestry Division	ACEO Forestry
NE-004685	CIRCULAR SAW 210mm 1800w MAKITA FE	1,555.00	Plant & Equipment	Vailima - Forestry Division	ACEO Forestry
NE-004686	ANGLE GRINDER 125mmm MT MAKITA PI	299.00	Plant & Equipment	Vailima - Forestry Division	ACEO Forestry
NE-004687	LADDER EXT 24 T-1A 300lbs F/ GLASS ORANGE WERNER	1,550.00	Plant & Equipment	Vailima - Forestry Division	ACEO Forestry
NE-004688	FLOOR STANDING WATER COOLER & BOTTLE	950.00	Office Equipment	Tuanaimato - NEOC DMO	ACEO DMO

NE-004689	MAXKON 10L BOILER HOT WATER URN DISPENSER	499.00	Office Equipment	Tuanaimato - NEOC DMO	ACEO DMO
NE-004690	MAXKON 10L BOILER HOT WATER URN DISPENSER	499.00	Office Equipment	Tuanaimato - NEOC DMO	ACEO DMO
NE-004691	ANKO BAGLESS VACUUM 2000W BLUE	650.00	Office Equipment	Tuanaimato - NEOC DMO	ACEO DMO
NE-004692	TOOLSHED WATER BLASTER 2200PSI 7.5L/Min	2,500.00	Plant & Equipment	Tuanaimato - NEOC DMO	ACEO DMO
NE-004693	Pipee White Chair	55.00	Furniture & Fittings	Vailima DEC	ACEO DEC
NE-004694	Pipee White Chair	55.00	Furniture & Fittings	Vailima - DEC	ACEO DEC
NE-004695	Pipee White Chair	55.00	Furniture & Fittings	Vailima - DEC	ACEO DEC
NE-004696	Dell Latitude 5540 i7-1355U Lap- top Processor	5,670.00	Computer Equipment	Tafaigata - Waste Management Division	Senior Chemical & Hazardous
NE-004697	Dell Latitude 5540 15.6" i7-1355U Laptop	5,670.00	Computer Equipment	Tafaigata - Waste Management Division	Senior Waste Officer
NE-004698	Holzforma FF120 30.8cc Brush	670.00	Plant & Equipment	Vailima - Water Resources Division	Watershed Section
NE-004699	Troy -Bilt TB4216 42CC 16 Gas Chainsaw	960.00	Plant & Equipment	Vailima- Water Resources Division	Watershed Section
NE-004700	AKIRA COMMERCIAL 20" FAN	320.00	Office Equipment	TATTE - DEC	DEC Staff
NE-004701	AKIRA COMMERCIAL 20' FAN	320.00	Office Equipment	TATTE - DEC	DEC Staff
NE-004702	AKIRA COMMERCIAL 20" FAN	320.00	Office Equipment	TATTE - DEC	DEC Staff
NE-004703	AKIRA COMMERCIAL 20" FAN	320.00	Office Equipment	TATTE - DEC	DEC Staff
NE-004704	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC
NE-004705	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC
NE-004706	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC
NE-004707	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC
NE-004708	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC
NE-004709	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC
NE-004710	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC
NE-004711	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC
NE-004712	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC
NE-004713	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC
NE-004714	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC
NE-004715	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC
NE-004716	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC
NE-004717	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC
NE-004718	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC

NE-004719	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC
NE-004720	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC
NE-004721	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC
NE-004722	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC
NE-004723	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC
NE-004724	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC
NE-004725	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC
NE-004726	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC
NE-004727	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC
NE-004728	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC
NE-004729	Pipee White Chair	55.00	Office Equipment	Vailima - DEC	ACEO DEC

## ANNEX 3- PROJECT UPDATE

<p><b>IMPRESS PROJECT</b></p> <p>Closed in February 2024 USD 6,075,828 UNDP</p>	<ul style="list-style-type: none"> <li>Electric vehicle charging stations launched in June 2024. The Electric Vehicle Charging Stations support to contribute to the reducing of Carbon Emissions</li> <li>Biogas compressor training planned for June 2024. Biogas Compressor was tailored for communities and organization interested in harnessing Biogas Technology The initiatives were to foster sustainable practices and embracing innovative Technology</li> <li>This project was closed in February 2024</li> </ul>
<p><b>Pacific NDC Hub – SPREP</b></p> <ol style="list-style-type: none"> <li>Energy Efficiency Program for the Tourism sector</li> <li>Agroforestry Promotion Program</li> </ol> <ul style="list-style-type: none"> <li>NDC SPREP</li> <li>2031</li> </ul>	<ul style="list-style-type: none"> <li>Completed the community outreach program for Upolu (Saleilua Falealili) and Savaii (Safotu Gagaifomauga) on agro-forestry programs</li> <li>Seeks to increase the area under agroforestry by an additional 5% of agricultural land by 2023</li> </ul>
<p><b>Climate Finance Access Network (CFAN – Global Green Growth Institute and Rocky Mountain Institute)</b></p> <ol style="list-style-type: none"> <li>Building energy efficiency program</li> <li>Grid stabilization projects</li> </ol> <ul style="list-style-type: none"> <li>GGGI &amp; RMI</li> </ul>	<ul style="list-style-type: none"> <li>Developed 3 project concept notes based on priority sectors within Samoa's NDC Road map and Investment Plan to be included in the GCF Country Program, IRENA and considered by other potential funding sources.</li> <li>TA from GGGI is in country to compile the TOR, and inception phase for 8 project documents on priority sectors starting July 2024</li> </ul>
<p><b>International Solar Alliance (ISA)</b></p> <p>ISA USD50,000 2022 - 2024</p>	<ul style="list-style-type: none"> <li>Completed distribution of solar lights to relevant beneficiaries.</li> <li>Installation of lights is underway</li> <li>Final report for Phase 1 to be submitted before rolling out Phase 2</li> <li>Ongoing receipt of requests for solar lights</li> </ul>
<p><b>PAWES Project</b> (regional project)</p> <p>EU through SPC 2022 - 2027</p>	<ul style="list-style-type: none"> <li>Completed TOR for development of 5 WtE Policy Roadmap – advertise through SPC</li> <li>The Focus for Samoa is on Waste Oil infrastructure and to explore more into the unreported WTE data.</li> </ul>
<p><b>NZ Fund Climate Finance Rebate-ment Program.</b></p> <p>2024 – 2025 4.5M NZD  NZ MFAT</p>	<ul style="list-style-type: none"> <li>New Project</li> <li>Conversion to green energy through RE rebate scheme targeting the tourism, shipping, industry/manufacturers, transportation, business and household level</li> </ul>

<p>Integrated Flood Management to Enhance Climate Resilience of the Vaisigano Catchment in Samoa</p> <p>GCF / GoS USD 8M 2017-2025</p>	<ul style="list-style-type: none"> <li>• Cash for Work programme continuing and merged with PES program implementation</li> <li>• Land Board approval obtained for Malololelei Government reserve areas to be utilised for the PES project.</li> <li>• Conservation Management Plan for PES area endorsed and signed by all landowners</li> <li>• EbA continuing until Nov 2024</li> <li>• (Disbursement and physical completion remains as of last update.</li> <li>• TA (xPMS &amp; Associates) recruited to complete the Groundtruthing of Forest Status Report and other deliverables. DI completed and submitted for payment.</li> </ul>
<p>UN Joint SDG Fund</p> <p>UNEP/ESCAP USD 100,000 USD 50,000</p>	<ul style="list-style-type: none"> <li>• Submission of both SOE and NESP to Cabinet for endorsement before launching.</li> <li>• Progress towards achieving the SDG across the globe. The collaboration between the United Nation and the Economic and Social Commission for Asia and the Pacific enhances sustainable developments in the Pacific Region.</li> </ul>
<p>PARTneR Phase 2</p> <p>NZ MFAT NZD 140,000 2023-2025</p>	<ul style="list-style-type: none"> <li>• Recruitment of Project Liaison Officer underway (re-ad)</li> <li>• NEXUS Training workshop for Samoa completed in July 1-5th</li> </ul>
<p>Third National Communication and First Biennial Update report Project</p> <p>GEF /UNDP/GOS USD 902,000 WST 100,000 (in kind) 2020- 2024</p>	<ul style="list-style-type: none"> <li>• Request for extension submitted to extend the project for 6 months (May – November 2024) to account for the finalisation of remaining project key deliverables (TNC Report and NAP)</li> </ul>
<p>Institutional Strengthening Project Phase XII</p> <p>USD 180,000 2024 - 2026</p>	<ul style="list-style-type: none"> <li>• Review Legal Framework: Legal consultant recruited to develop the Refrigerant Management Regulations.</li> <li>• Monitoring of the licensing system</li> <li>• Stakeholders coordination</li> <li>• Daily operations</li> <li>• New staff recruitment</li> </ul>
<p>Preparation of the Kigali Implementation Plan (KIP)</p>	<ul style="list-style-type: none"> <li>• Data collection and analysis</li> <li>• Assessment of policy options</li> </ul>
<p>GoS / Regional</p> <p>USD 37,000 / USD 780,000 2023</p>	<ul style="list-style-type: none"> <li>• Assessment of capacity building needs</li> <li>• Awareness and communication</li> <li>• Review of the state of alternate technology</li> <li>• Development of a phase down scenario</li> <li>• Development of a national strategy</li> </ul>
<p>Ocean Acidification Project</p> <p>People's Republic of Korea 2021 - 2024</p>	<ul style="list-style-type: none"> <li>• Data collection continues</li> <li>• Discussions underway with UN Ocean Foundation on developing and Ocean Acidification Action Plan.</li> </ul>
<p>Intra-ACP Climate Information Services and Application (ClimSA) Project</p> <p>ACP-EU</p>	<ul style="list-style-type: none"> <li>• 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. 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). 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.</li> <li>• 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.</li> <li>• 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.</li> <li>• Thematic areas: Climate Change, Resilience Building, Environment, Agriculture and Natural Resources, Disaster Preparedness, Water and Health</li> <li>• Samoa is part of this Project</li> <li>• Improved access to climate information a. Assess the impact of existing</li> </ul>

	<ul style="list-style-type: none"> <li>gaps in climate observing networks on the produced climate services by this programme and invest in ground-infrastructure to improve such services b. Ensure that RCCs and NHMSs operational access to climate information made available at global level by international identified partners (Copernicus, ECM-WF, EUMETSAT, others) is improved</li> <li>Enhanced capacity to generate &amp; apply climate information &amp; products</li> <li>Enhanced climate informed decision making &amp; mainstreamed climate services into policy processes at regional and national level</li> </ul>
<p>Climate and Oceans Support Program for the Pacific(COSPPac)</p> <p>AUS DFAT 2018 – 2023</p>	<ul style="list-style-type: none"> <li>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 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.</li> <li>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. 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.</li> <li>For example, 72 when shared appropriately, information about:</li> <li>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</li> <li>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</li> <li>Droughts or risks of flooding, enables communities, businesses and governments to prepare for and minimise damage to infrastructure and loss of life</li> <li>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</li> <li>Traditional knowledge helps communities to determine reliability of forecasts and plan accordingly</li> <li></li> <li><b>Samoa is part of this Project</b></li> <li>Pacific Sea Level Monitoring Project (PSLM): Continue core functions of collecting, analysing, storing, and disseminating high quality sea level and geodetic data.</li> <li>Climate Data for the Environment (CliDE) and Services Client (CliDEsc): 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.</li> <li>Seasonal Prediction Project, SPP. (Climate Outlooks, Ocean Outlook, Early Action Rainfall Watch): The Seasonal Prediction Project supports the delivery of seasonal and inter/intraseasonal (or within season) climate and ocean predictions and adds value to climate (e.g. drought) and ocean (e.g. coral bleaching) monitoring.</li> <li>Coordination and Communications Unit (CCU): 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</li> </ul>

<p>Systematic Observations Financing Facility (SOFF)</p> <p>WMO</p> <p>2018-2023</p>	<ul style="list-style-type: none"> <li>• Developed GBON National Contribution Plan and Country Hydrometric Diagnostic</li> <li>• Project submitted</li> <li>• Weather station</li> <li>• Upper air station</li> </ul>
<p>CREWS (IBFWS)</p> <p>WORLD BANK</p>	<ul style="list-style-type: none"> <li>• 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 impactbased, multi-hazard, gender-informed, early warnings and risk information to protect lives, livelihoods, and assets in LDCs and SIDS. The CREWS Pacific SIDS 1.0 project was funded by the CREWS Initiative and Environment and Climate Change Canada (ECCC).</li> <li>• 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.</li> <li>• The project also 70 supports the Federated States of Micronesia, Republic of Marshall Islands, Palau, Samoa, Solomon Islands, Tonga and Vanuatu.</li> </ul> <p>The project was structured around three main components:</p> <ol style="list-style-type: none"> <li>1. Improved governance;</li> <li>2. Enhanced product development and accessibility; and</li> <li>3. Enhanced services delivery. 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).</li> </ol> <ul style="list-style-type: none"> <li>• 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: <ol style="list-style-type: none"> <li>1. Improved governance;</li> <li>2. Enhanced product development and accessibility;</li> <li>3. Enhanced service delivery;</li> <li>4. Enhanced communication and awareness programmes on early warning services; and</li> <li>5. improved integration of gender including people living with disabilities across the EWS chain.</li> </ol> </li> <li>• The project is co-implemented by WMO, WB and UNDRR</li> </ul> <p><b>Samoa is part of this Project</b></p> <ul style="list-style-type: none"> <li>• Enhance communication and awareness programs (CDCRM/Awareness bill boards) 2. Developed Impact based forecasting warning services (in progress) 3. Strategic Plan (in planning)</li> <li>• IBFWS Stakeholder consultation held in June 2024</li> </ul>
	<ul style="list-style-type: none"> <li>• Online evaluation of previous training/capacity building activity</li> <li>• Developed outreach and awareness Tropical Cyclone Standard Operational Procedure (SOP) short video</li> </ul>