






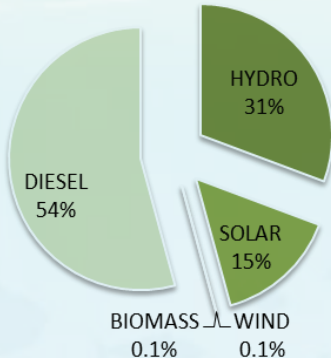







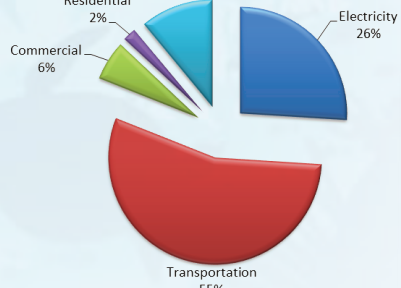
## Ministry of Natural Resources and Environment

### Climate Outlook

	Season	Baseline	Actual	Comment	Trend
Rainfall - Apia Station					
	Oct-2020	204mm	302.4mm	Wetter compared to 2019 (229.2mm)	Above Average
	Nov- 2020	244mm	177.0mm	Wetter compared to 2019 (174.8mm)	Near Average
	Dec - 2020	555mm	932mm	* Afiamalu Rainfall Station - Actual total is for 7 days(11-17 Dec 2020)	Above Average
	The exceptional precipitation rate recorded by the Afiamalu Station associated with extreme weather conditions caused severe flash floods that inundated most parts of Samoa on Friday 17th December.				
Temperature - Apia Station					
	Oct-2020	30.1°C(max)	30.6°C(max)	Decrease compared to Oct 2019(31.0°C)	Near Average
	Nov-2020	30.1°C(max)	30.0°C(max)	Decrease compared to Oct 2019(30.1°C)	Near Average
Sea Level Rise (not applicable - longterm)					
	Jan-2019	4mm/yr	4.5mm/yr	No change monthly since its a long term determination	Slightly rising
	Tropical Cyclones (TC) (SW Pacific Region: 160°E – 120°W and 0° to 25°)				
	2020 - 2021	0 -1 TC within 400km from Samoa	NIL	0 – 1 Tropical Cyclone (TC) is likely to pass the 400km radius of Samoa with possibility that it may reach Category 3 status or greater. The cyclone risk for Samoa this season compared to all tropical cyclone season is 'normal'.	
		4 - 6 TC in the Pacific Region ( >400km frm Samoa )	TC Yasa Dec 14, 2020 TC Zasu Dec 15, 2020	There were two Tropical Cyclones developed within the Pacific Region in December 2020, TC Yasa(Cat 5) & Zasu (Cat 2)  Overall Weather outlook - heavy expect above normal rainfall due to La-Nina	

### Climate Change Mitigation

(i) Electricity/ Renewable Energy		Amount of Electricity Generation (in Kilowatt-hours) from various sources of Renewable Energy as well as Diesel for the first quarter (January to October) of the year 2020.		
	Hydro	kwh	%	 <div><div>AFOLAU 750kw Biomass Gasification power plant official launching held 13th November 2020</div></div>
	Solar	39,042,188	30.6%	
	Wind	19,172,872	15.0%	
	Biomass	166,100	0.1%	
	Diesel	107,609	0.1%	
Total Generation		69,052,032	54.1%	
		127,540,801		

(ii)Petroleum	Baseline 2016	2016 Distribution %		Total imported fuel Mar 2020  11,396 million litres	2020 Distribution %	
Electricity	126.4 million litres	Electricity 22%				
Transportation		Commercial 17%				
Commercial		Residential 4%				
Residential		Others 3%				
Others		Transportation 54%				

mm-millimeters

ha-haectares

Sq-km- square kilometers

TD- Tropical Depression

c-ton-carbon tonne

mph-miles per hour

C-Degrees Celsius

TC-Tropical Cyclone

tCO2e- carbon equivalent

Kwh-kilowatt hour

(iv) Forestry	Baseline 2014	# trees dispatched/ distributed /planted	Total # of trees planted/ last reporting	overall total of trees planted to date
MNRE	165,048.89ha (58%) 47,736,227 c-ton	489,885	2,130,781 861.50 total area	<b>2,176,725</b> 906.16 total area
Private Business /Communities	MNRE Record	61,322	Total # of seedlings planted within this reporting period <b>45,944</b> 44.66 total area/hactare	
Samoa Farmers Federation Inc	MNRE Record	1,031,000		
MAF	MNRE Record	491,524		
STEC	MNRE Record	102,994		

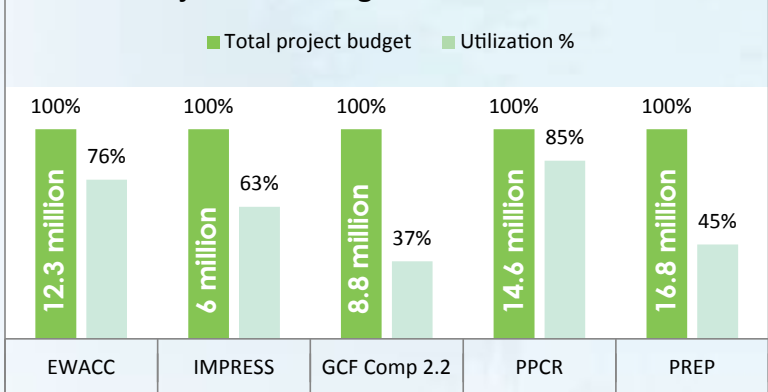
### Climate Change Governance

Activity	Timeframe	STATUS
1. Samoa Climate Change Policy 2. Samoa Ocean Strategy 3. Community Integrated Management Plans (CIM) 43 plan	2020-2030 2019-2029	Policy has been endorsed by Cabinet Endorsed and Launched - October 2020 Complete and implementation ongoing; both english & Samoan versions available Endorsed and Launched - November2020 Consultations with stakeholder to be conducted
4. National Environment Sector Communication Strategy 5. Draft Climate Change Bill	2022-2026	
International obligation to UNFCCC		
Samoa's 3rd National Communication Report. <ul style="list-style-type: none"><li>National Circumstances</li><li>National GHG Inventory</li><li>Vulnerability &amp; Adaptation Assessment</li><li>Mitigation Action</li><li>Knowledge Management</li></ul> Development the First Biennial Update Report (BUR) on Climate Change	2020-2023	Progress ongoing
Nationally Determined Contributions Enhancement	2020-2025	Revision ongoing

### Adaptation & Mitigation Actions

Project Profile	Utilization %	HIGHLIGHTS
GEF EWACC 2015-2021 MNRE/MOF <b>USD 12,322,936.00</b>	76%	- Complete construction of Vaisigano Segment One Flood Protection Wall (Adaptation) - Deepening and Cleaning of watwerways in catchment in the Greater Apia Areas. i.e Vaisigano, Loimata o Apaula, Fuluasou, Gasegase, - Implementation of Community Disaster and Climate Risk Management in 100 villages Disaster Management Plans
GEF IMPRESS 2017-2022 MNRE/MOF <b>USD 6,076,000.00</b>	63%	- Biogas sites. i.e Saasaai, Vaisala, Salua-Manono and Mapuifagalele. The Construction of the sites in Savaii started in October 2020 - Develop of Biomass Model, Financial Schemes and Cost Benefit Analysis of Renewable Energy Technologies. - <b>Official launching of the Afolau Biomass Gasification Plant</b> during the National Renew-able Energy Day 2020
GCF 2017 - 2023 Component 2.2 MNRE/MOF <b>USD 8.8 million</b>	36.82%	- Final call for proposal for EbAED project, a total of 384 proposal received now under review process - On-going work for 35 workers employed under this program suporting land rehabilita-tion, replanting and restoration activities of the project selected areas - Stage 1 completed with Stage 2 now under way on feasibility of Payment Eco-system Services activities in the two project sites (Magiagi and Malololelei)
ECR/PPCR Project 2013-2021 IDA/World Bank <b>USD 14,600,000.00</b>	85%	- Complete development and formulation of CIM Plans for 43 Districts (Adaptation) -Both english and samoan copies available
Pacific Resilience Project IDA/World Bank <b>USD 16,790,000.00</b> 2015-2022	45.40%	- Meteorology Bill in final stages of endorsement. - NEOC completed officially opened - October 23nd 2020. -The new Seismic Operation Centre design and supervision procurement being finalized -ICT and Audio Visual equipment for NEOC being procured

Project Total budget vs Utilization in %



**For more information contact:**

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