

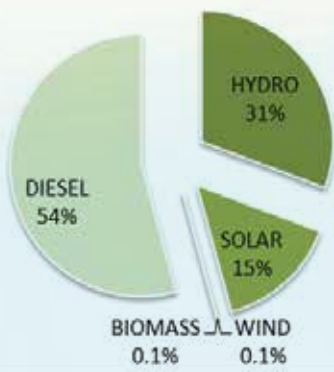
Ministry of Natural Resources and Environment


Climate Outlook

	Season	Baseline 1981-2010	Actual	Comment	Trend
Rainfall - Apia Station					
	Dec-2019	344mm	489.1mm	Drier compare to Dec 2018 (507.6mm)	Above Average
	Sept-2020	143mm	233.1mm	Wetter compared to 2019 (57.9mm)	Above Average
	Oct- 2020	204 mm	302.4 mm	Wetter compared to 2019 (229.2mm)	Above Average
Temperature - Apia Station					
	Dec-2019	30.4°C(max)	30.9°C	Increase compared to Dec 2018 (30.8°C)	Average
	Sept-2020	29.8°C(max)	30.1°C	Decrease compared to Sept 2019(30.2°C)	Near Average
	Oct-2020	30.1°C(max)	30.6°C	Decrease compared to Oct 2019(31.0°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
	Cyclone Season Official OUTLOOK for Samoa (2020 - 2021)				
	<p>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'.</p>				

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.	
		kwh	%
	Hydro	39,042,188	30.6%
	Solar	19,172,872	15.0%
	Wind	166,100	0.1%
	Biomass	107,609	0.1%
	Diesel	69,052,032	54.1%
Total Generation		127,540,801	





AFOLAU 750kw Biomass Gasification power plant official launching held 13th November 2020

(ii) Petroleum		2016 Distribution %		Total imported fuel Mar 2020 11,396 million litres	2020 Distribution %	
	Baseline 2016					
Electricity	126.4 million litres	Commercial	17%	11,396 million litres	Commercial	6%
Transportation		Residential	4%		Residential	2%
Commercial		Others	3%		Electricity	26%
Residential		Electricity	22%		Transportation	55%
Others		Transportation	54%			

(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	2,176,725 906.16 total area
Private Business /Communities	MNRE Record	61,322	Total # of seedlings planted within this reporting period 45,944 44.66 total area/hactare	
Samoa Farmers Federation Inc	MNRE Record	1,031,000		
MAF	MNRE Record	491,524		
STEC	MNRE Record	102,994		

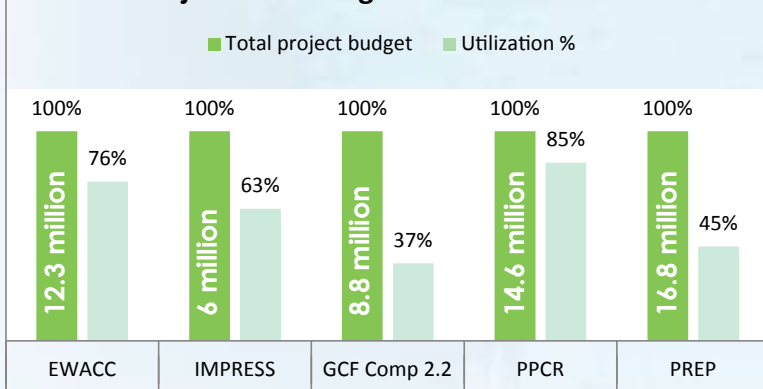
Climate Change Governance

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
4. National Environment Sector Communication Strategy 5. Draft Climate Change Bill	2022-2026	Endorsed and Launched - November 2020 Consultations with stakeholder to be conducted
International obligation to UNFCCC		
Samoa's 3rd National Communication Report. • National Circumstances • National GHG Inventory • Vulnerability & Adaptation Assessment • Mitigation Action • Knowledge Management 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 USD 12,322,936.00	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 USD 6,076,000.00	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. - Official launching of the Afolau Biomass Gasification Plant during the National Renew- able Energy Day 2020
GCF 2017 - 2023 Component 2.2 MNRE/MOF USD 8.8 million	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 supporting 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 USD 14,600,000.00	85%	- Complete development and formulation of CIM Plans for 43 Districts (Adaptation) -Both english and samoan copies available
Pacific Resilience Project IDA/World Bank USD 16,790,000.00 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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