

CDM PROJECT OPPORTUNITIES, STATUS AND TREND IN PROJECT DEVELOPMENT IN SAMOA

CDM Training Workshop
Lami, Fiji
24 – 28 January 2011

GHG Emissions from main sectors and Growth Trend

SECTOR	1994 Gg CO ₂ - e	%	2000 Gg CO ₂ - e	%	2007 Gg CO ₂ -e	%
Energy	102.83	62	142.74	54	174.35	50
Industrial Processes & Product use	--	--	4.59	2	9.51	3
Agri, forestry + other land use (excluding removals)	37.92	23	86.06	32	135.37	38
Waste	24.88	15	33.09	12	32.81	9
Total Emissions	165.63		266.43		352.03	
Estimated CO ₂ removals Agriculture, forestry & other land use	-658.56		-1150.04		-785.07	

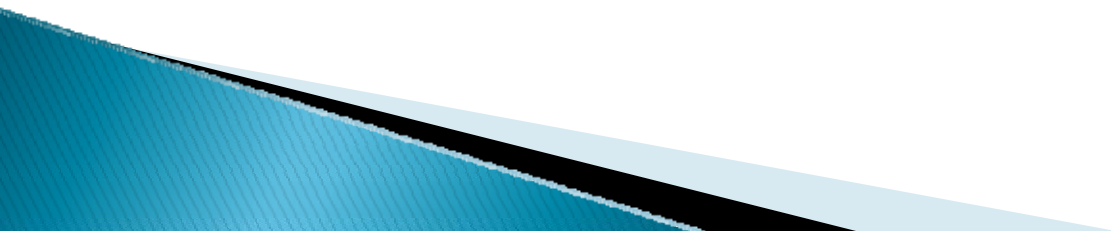
GHG emissions & growth trends

- ▶ In 2007, Samoa's GHG emissions totalled approximately 352 Gg CO₂-e. CO₂ removals in forests and on croplands totalled 785.07 Gg in 2007.
- ▶ The second GHG inventory found that 95% of Samoa's emissions come from just 6 sources (Table 0.2). This has important implications for GHG abatement efforts, as it means that limited resources can target areas where they can have the most effect.

Top Six Sources of GHG Emissions in Samoa (2007)

Rank	Source	Emissions (Gg CO ₂ -e)	% of total emissions
1	Road Transport	95.11	27%
2	Livestock Farming	88.36	25%
4	N ₂ O from Agricultural Soils	47.01	13%
3	Electricity Generation	44.21	13%
5	Other Energy Consumption	34.14	10%
6	Wastewater	25.44	7%
	TOTAL	335.15	95%

POTENTIAL CDM PROJECT TYPES

- ▶ Small Scale CDM (SSC)
 - ▶ Programme of Activities (PoA)
 - ▶ Renewable energy (solar, hydro, wind, bio fuel, biomass gasification)
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DNA Setup and Structure

Structure of Designated National Authority

Required: Letter of Authorization of the Designated National Authority issued by PM to formally established the Samoa DNA



Required: CEO of the Ministry of Finance as the person to be designated and authorized to sign Letters of Approval (LOAs) and Letters of Endorsement [LOE, not required]

Required: Letter to CDM EB informing of designation of the DNA



Optional: No technical committee will be necessary.

Optional: Division for Economic Policy and Planning (EU Unit as Secretariat for DNA



Optional: Board on DNA



Required means that the function is required by the Kyoto Protocol

Required: Project Proponent requesting LOE or LOA

Optional means that the function is not required by the Kyoto Protocol, but serves as an agreed national procedure



Authorizing



Application for LOE or LoA

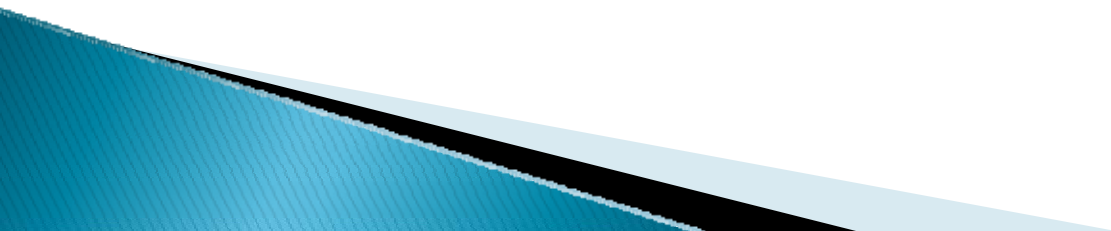


Requesting decision

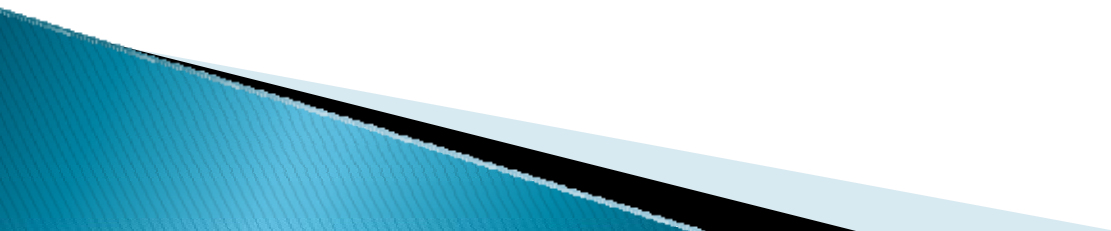
Decision



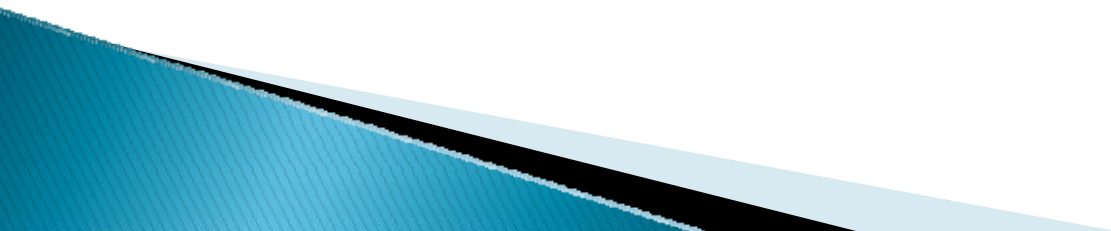
DNA Board members

- ▶ The CEO of MOF
 - ▶ The CEO of MNRE
 - ▶ The CEO of the RDIS
 - ▶ The CEO of the EPC
 - ▶ A private Sector representative
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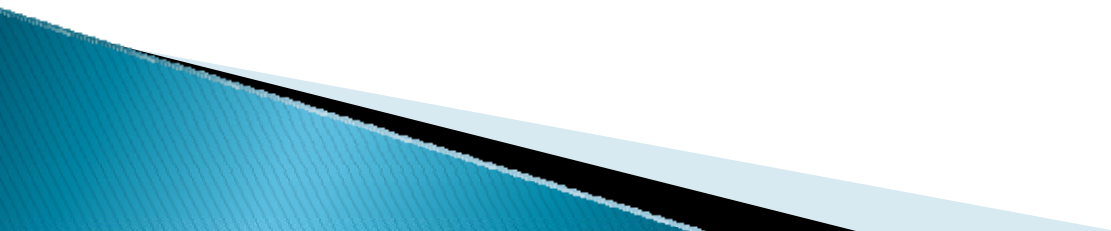
Project Approval Criteria

1. The country has ratified the Kyoto Protocol,
 2. The project contributes to the sustainable development of the host country.
 3. The project proponent must demonstrate and document beyond any reasonable doubt that the project will lead to lasting reductions in the emissions of green house gasses that would not occur in the absence of the project.
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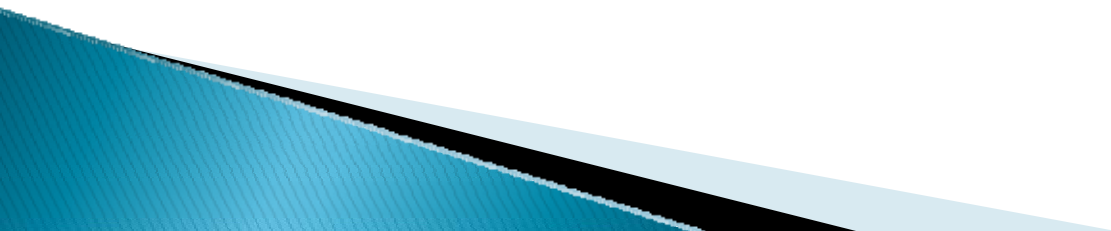
Project Approval Criteria cont'd

4. The documentation of this should take place by fulfilling a Project Design Document (PDD) for which mandatory standard templates are issued by the CDM EB.
 5. The PDD must prior to presentation for the CDM EB be verified by a designated operational entity (DOE), already authorized by the CDM EB to perform this verification (auditing).
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Project Approval Criteria cont'd

6. After implementation and as a requirement for the issuance by the CDM EB of tradable certified emission reduction units (CERs) the project proponent must furthermore demonstrate that the planned amounts of emission reductions have actually taken place. This is demonstrated by following the monitoring plan that was approved as part of the verification of the PDD.
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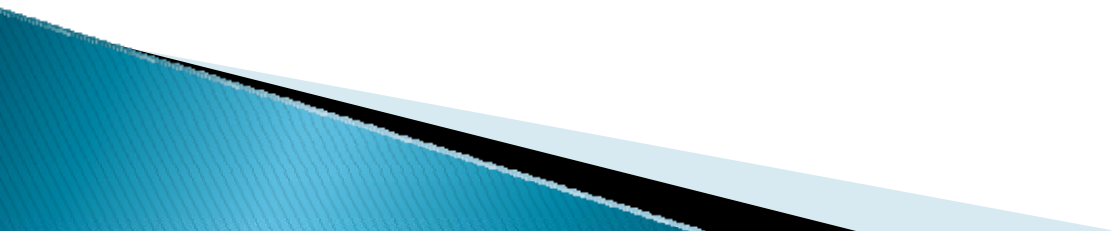
Project Approval Criteria cont'd

7. The result of the monitoring is reported by the project proponent in a Monitoring Report to be verified by the DOE, who will send the verified Monitoring Report to the CDM EN with a request for issuance of CERs on the account of the project proponent in the International Transaction Log (ITL) from where the project proponent can distribute the CERs to the buyer of the credits.
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Progress with CDM and Voluntary Carbon Project Development

- ▶ Signed MOU with UNEP Risoe CDM activities support;
 - ▶ Development of a workplan for CDM activities for Samoa as per MOU;
 - ▶ Received first payment, internal process to set up account for CDM;
 - ▶ Development of TOR for local consultant for CDM activities (UNEP);
 - ▶ Employ a local consultant for local activities
 - ▶ Start implementation February 2011;
 - ▶ Participate in regional activities for CDM.
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BARRIERS TO CDM AND VOLUNTARY PROJECT DEVELOPMENT AND SUGGESTIONS

- ▶ Local capacity and limited resources (human and financial);
 - ▶ Local consultants capacity to provide advice and develop PIN, PDD and other documentation and relevant information and processes.
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Faafetai Lava!

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