

Pacific Islands Greenhouse Gas
Abatement through Renewable Energy
Project (PIGGAREP) - Update
CDM Workshop, Apia, Samoa
27th – 29th August

Nixon Kua

Climate Change Mitigation Officer

SPREP

Presentation Outline

- Background to PIGGAREP
- Frameworks
 - PIFACC
 - FAESP
- Future of CDM in the Pacific
- SPREP's plans in support of CDM/climate change mitigation, especially in the Pacific, beyond 2012

Background

- PIGGAREP aims to remove barriers to the widespread utilisation of feasible renewable energy technologies in 11 PICs.
- The Project is estimated to reduce CO₂ emissions by at least 30% by 2015 as compared to the BAU scenario (if implemented successfully)
- PIC are heavily relying (~90%) on the fossil fuel which release the GHG emissions that is responsible for CC phenomena
- Only about 30% of the people in PICs have access to electricity
- Moral advantages from voluntarily cutting down emission?
- Mitigate GHG so as to support other sustainable development effort

PIFACC: Mitigation of global greenhouse gas emissions

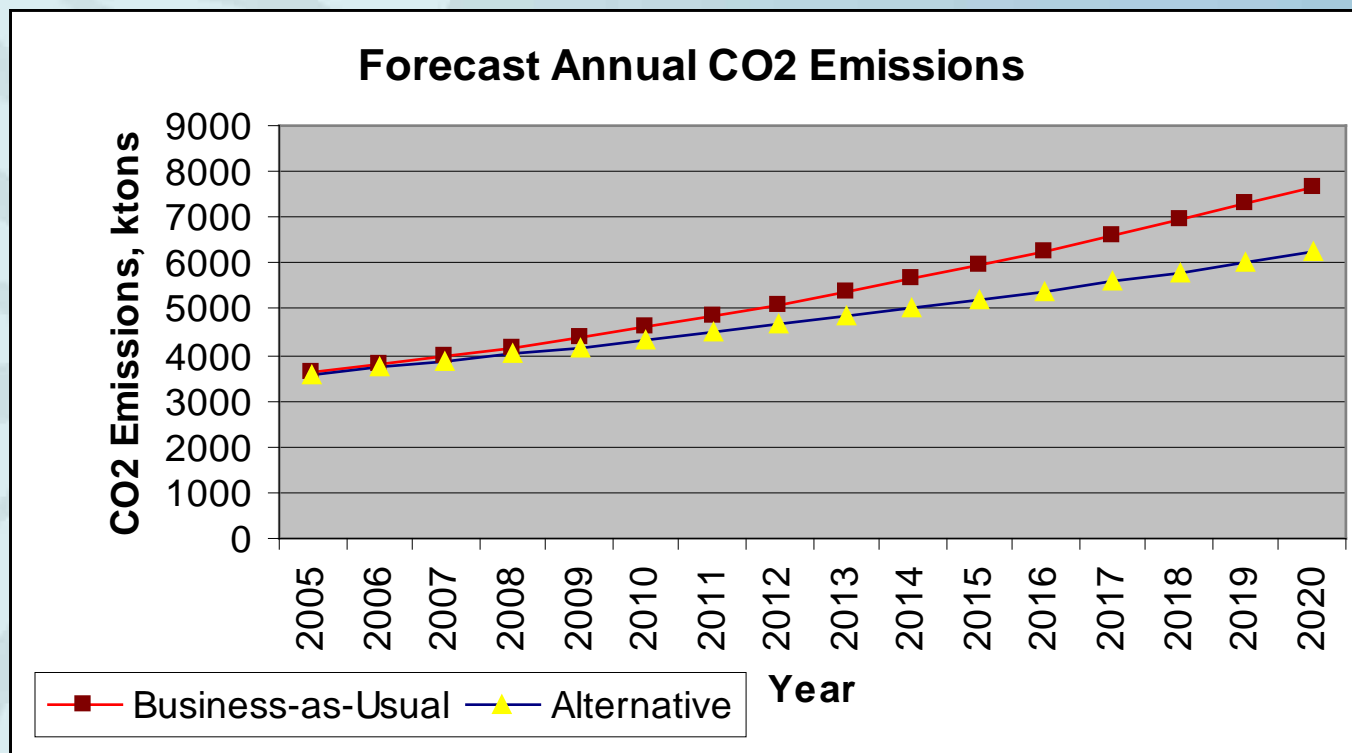
-Expected Outcomes by 2015

- Enhanced access to safe, secure, clean, efficient, and affordable energy supplies
- Enhanced ability to engage in carbon market mechanisms including REDD+ as measures to reduce greenhouse gas emissions
- Cost effective renewable energy technologies available and local sources sustainably managed
- Clean Development Mechanisms initiatives developed and implemented, where appropriate

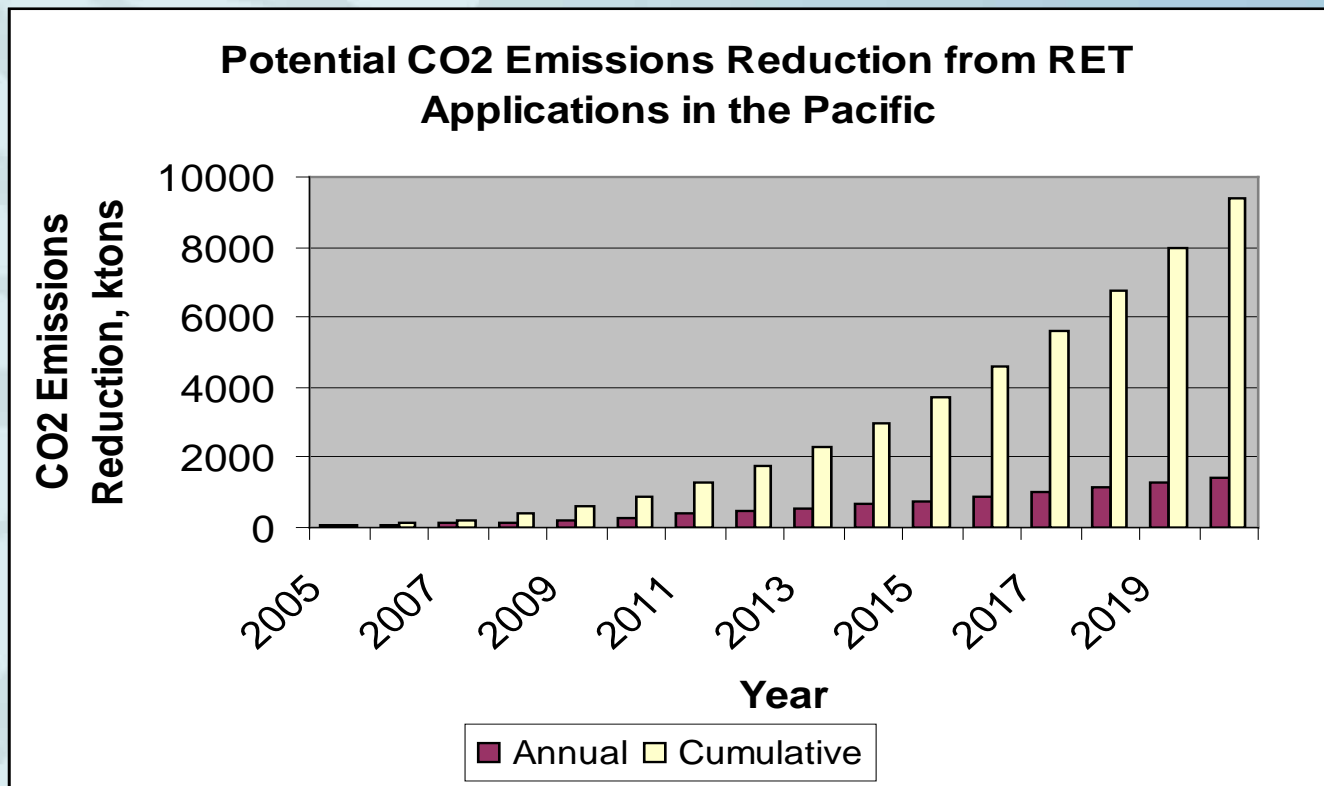
FAESP – Framework Action on Energy Security in the Pacific

- Mainly on EE, RE and EC - Mitigation

Baselines from the PIREP estimates



Baseline.....



Questions

- What is on the ground in relation to the PIFFAC and its Action Plan?
- What are the gaps that need to be addressed?
- What are the opportunities in these gaps?

Varying Impacts of Interventions

- Concentration of GHG emission will be reduced when fossil fuel combustion is reduced and when GHG is being absorbed
- Direct Impacts – installation of new RE and EE hardware and/or the upgrading and rehabilitation of existing installations
- Indirect Impacts – training, awareness

Who is doing what in Mitigation in the PICTs?

Renewable Energy

RE Targets

PIC	Renewable Electrification Target Year of Achieving electrification target
Cook Is	50% by 2015
Fiji	100% electrification by 2016. 60% RE/40% Fossil Fuel
Kiribati	70% of Population without electricity
Marshal Islands	20%RE by 2020
Nauru	50% RE by 2015
Niue	100% by 2015
Samoa	20% RE by 2030
Solomon islands	50 % by 2015
Tonga	50% RE by 2012
Tuvalu	100% by 2020
Vanuatu	25% RE by 2012

Partner Agencies

- IUCN – ORO
- PPA
- SPC
- USP

Programmes

- SEDREA
- ADMIRE
- SIDS DOCK – PIGGAREP +
- Japanese Pledge

The Future of CDM in the Pacific

- Capacity
- Fund \$
- Net gains
- Initial starting cost

What next



Oi lei, CDM, still
no DNA for us



Plans in Supporting CDM/Mitigation

- To seek Financial assistance from Donor agencies to help the Secretariat to coordinate CDM activities in the Pacific??
- Will continue its mitigation activities alongside other development partners such as UNDP, REEEP, IUCN and CROP Agencies

