

# **SMALL SCALE CDM PROJECTS IN THE PACIFIC**

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# WHO IS SPREP?

- ◆ **Intergovernmental organisation;**
- ◆ **Mandate to address environmental issuers in the Pacific region ;**
- ◆ **Members are the Governments and Administration of 21 Pacific Island countries and territories and four developed countries with direct interests in the Pacific Islands region.**



South Pacific  
COUNTRIES



# Small Scale CDM Projects in the Pacific

- The issue of CDM is a new and emerging one for the Pacific;
- Limited perspective of what CDM is:
  - often associated with Carbon Sinks – reforestation and afforestation;
  - COP 6 preparatory meeting for the Pacific CDM was explained to participants as largely dealing with forestry; and
  - PICs who had no forest resources felt marginalised even before the word go.

# SMALL SCALE CDM PROJECTS – What is on?

- In Vanuatu, a small private motor-company is developing – cars to run on Bio/50 Coco-diesel mix;
- 100% coconut oil run vehicles;
- Advantage:
  - It burns slower, cheaper;
  - Does not produce black smoke and emits less carbondioxide; and
  - Assist the coconut industry, the main source of income in rural settings

# Small Scale CDM – What is on?

- SPREP assisted Pacific Consultants who have been contracted by the MOE Japan to carry out a feasibility study on CDM potentials in the Pacific (2001);
- Early 2003, SPREP assisted Pacific Consultants in a detail assessment of CDM projects in Samoa with the intention to develop project proposals.

# SMALL SCALE CDM PROJECTS – What is on?

Assessment results indicated that potential projects are on-line that can:

*Contribute to the sustainable development of the tourism and manufacturing industries and to achieve GHG emissions reductions through introducing photovoltaic power generation facilities,*

# Small Scale CDM Projects Identified

Example: Hotel Kitano Tusitala;

-Photovoltaic module 300 kW

-Inverter 300 kW

-Lead battery 600 kWh



# SMALL SCALE CDM PROJECTS

- National University of Samoa
- National Hospital
- Parliament;
- Government Building; and
- SPREP Training Center

# SMALL SCALE CDM PROJECTS – Benefit

Reduction of GHG emissions from the power sector due to power substitution from newly installed photovoltaic power generation units;

- Reduction of diesel imports;
- Reduction in pollution emission;
- Stability of the power supply system;
- Promotion of technology transfer and capacity building

# Other Programmes

Currently SPREP is executing a UNDP/GEF funded Pacific Renewable Energy Project to remove barriers on the use of renewable energy in the Pacific.

# Potential Small Scale CDM Projects

Other areas that can be explored:

- Biomass projects;
- Eco-tourism;
- Solid Waste Management; and
- Renewable Energy

# Issues on CDM for the Pacific

- Awareness and capacity to take on CDM for all PICs will need to be raised:
  - Understand the issue and make informed decisions (Identification of potentials);
  - Understanding the process (e.g.. Accounting methodologies etc.);
  - What options do they have (Choices)?

# Issues on CDM for the Pacific

- PICs will need to work together to encourage investments in CDM and remove barriers (policy/legislations);
- More can be done to strengthen national expertise (training); and
- Regional organisations will need to take on the issue of CDM as part of their mandate (SPREP and Forum Secretariat are currently doing some work on CDM).

# Where to from here?

- The CC Section at SPREP has included CDM as part of their work programme for 2004;
- Planning to hold a symposium on technology transfer and CDM in early 2004; and
- Explore partnerships that will benefit PICs in relation to CDM.

# THANKS

