

FIJI COUNTRY PRESENTATION

Presented by: Kirti Chaya

Kirti.chaya@environment.gov.fj

Major Sources of GHG Emission

- ▶ INC highlights the following sectors;
 - Carbon dioxide from burning of fossil fuels and biomass,
 - Methane from animal and human waste and flooded rice fields,
 - Nitrous oxide from burning of biomass and incomplete combustion of fossil fuels

Potential Types of CDM Projects

- ▶ Renewable Energy
 - Large Hydro power (over 15 MW),
 - Mini Hydro power,
 - Biomass power – e.g. Waste products from sugar, timber milling,
 - Solar PV,
 - Solar Thermal,
 - Wind Energy,
 - Biogas

Potential Types of CDM Projects

- ▶ Energy Efficiency Improvements
 - Improving efficiency in electricity production,
 - Improving energy efficiency in industries, e.g. Tourism, cement manufacture and sugar,
 - Improving energy efficiency in households,
 - Switching from high carbon content to a low carbon content fuel,
 - More efficient process and steam systems

Potential Types of CDM Projects

- ▶ Forestry
 - Afforestation projects – e.g. Degraded grasslands,
 - Reforestation projects
- Waste Management
 - Power and heat production from waste,
 - Anaerobic waste water treatment e.g. Methane gas flaring

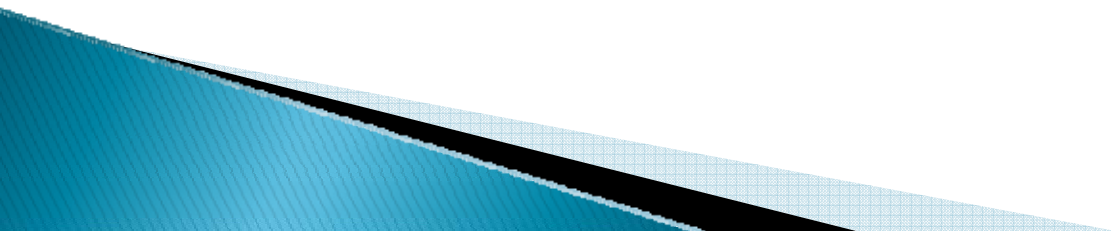
Potential Types of CDM Projects

- ▶ Transport
- ▶ Efficiency improvement for vehicles,
- ▶ Switching to low carbon content fuels, e.g. Second generation biofuels

Existing Legislative Framework supporting the CDM

- ▶ There are a number of current legislations that support CDM in Fiji. These include;
- ▶ Electricity Act (Cap. 180)
- ▶ Public Enterprise Act (1996)
- ▶ Hotels Aid Act (amended 1999)
- ▶ Commerce Act (1998)
- ▶ Fuel & Power Emergency Act (Cap. 191)
- ▶ Native Land Trust Act (Cap. 134)
- ▶ Crowns Land Act (Cap. 132)
- ▶ Environmental Management Act (EMA 2005)
- ▶ Public Private Partnership Act (2006)

Government Benefits and Tax Incentives

- ▶ 5 year Tax Holiday for a new activity in renewable energy project & power cogeneration (FIRCA 2009),
 - ▶ 10 year Tax Holiday for new activity in processing agricultural commodities into bio-fuels,
 - ▶ The Fiji Government has also waived V.A.T on all renewable energy equipments.
- 

Specific Potential Projects

- ▶ Naboro Landfill
- ▶ Other Potential Ones.....
 - Energy Efficiency (Tourism Sector)
 - Renewable Energy (Government's Rural Electrification Program) – POA

Case Study..

- ▶ Kinoya CDM Project