

A green map of Cuba is positioned at the top of the slide, centered horizontally. The map shows the main island and several smaller islands to the west. The background of the entire slide is a dark blue grid pattern.

CDM Investment Opportunities in Cuba

Rafael J. Betancourt

Project Manager – Cuba

Canadian Urban Institute –
International Programs Office



What is CDM?

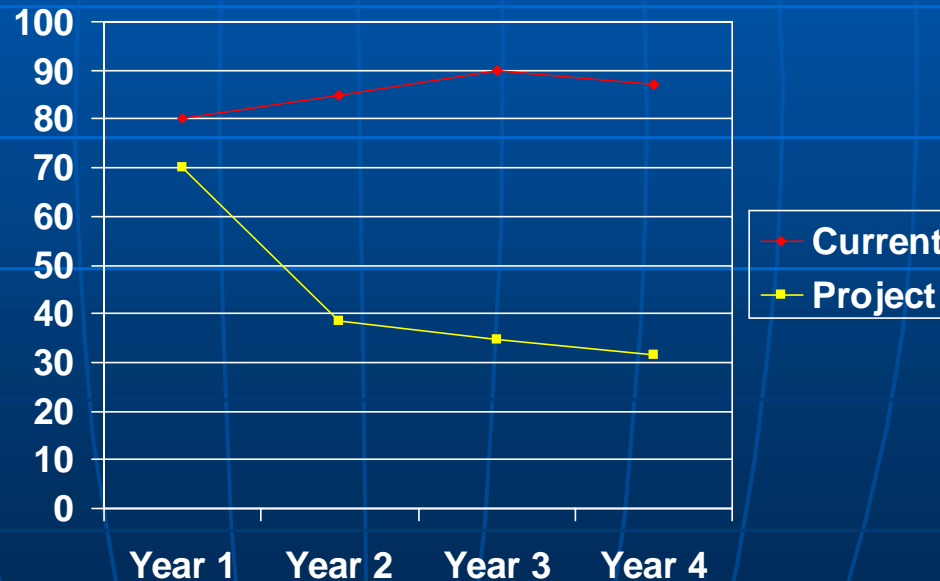
- *Clean Development Mechanism* established by Kyoto Protocol
- Allows DCs to finance greenhouse gas mitigation projects in LDCs.
- A portion of the reduction can be considered as a contribution to the DC's Emission Reduction Goals established with the Protocol.
- Encourage sustainable development of LDC

CDM Projects

- Greenhouse Gas Mitigation
 - Energy Efficiency
 - Renewable Energy
 - Enhancement of sinks and carbon pools
- Encourage sustainable development
- Distribution of Certified Emission-reduction Credits (CEC) between foreign and local partners

Establish Baseline

- Amount of emissions over life of industry/installation if Project is not implemented



Canada, Cuba and Kyoto

- Canada and Cuba are Parties to the United Nations Framework Convention on Climate Change (UNFCCC)
- Canada and Cuba ratified the Kyoto Protocol in 2002
- MOU on Climate Change Initiatives signed 2004/12/23

Objectives of Canada-Cuba MOU

- Facilitate and encourage Canadian private sector investment in CDM projects in Cuba;
- Provide information on sources of project funding and the policy framework needed to facilitate access to such sources;
- Facilitate exchange of information on agreements among authorized entities in both countries, such as joint ventures, and licensing.

Cuba's National Priorities

- Renewable energy
- Energy efficiency
- Forestry (Enhanced carbon sequestering)
- Solid waste management

Designated National Authorities

CANADA

- CDM and JI Office, DFAIT

CUBA

- Ministry of Science, Technology and Environment (CITMA)
 - Centre for Management of Prioritized Projects (GEPROP)

GEPROP

Project Opportunities Portfolio

- Correspond to national priorities for sustainable development
- Guarantee local conditions and partners
- Pre-Feasibility Studies and Baseline
- Investors can also present Project Proposals directly to CITMA

Cuba – Canada Seminar

Clean Development Mechanism Project Opportunities in Cuba February 2004

- 14 Canadian companies attended
- Wind Energy project being implemented with Suncurrent Industries, Alberta

Projects in Portfolio (1)

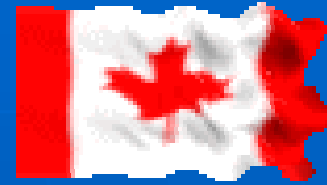
- Generation of Electricity from Sugar-Cane Biomass
- Wind Farms for Electricity Generation
- Energy Efficiency Improvements in Brewery Industry
- Conversion of an Urban Transport Fleet to Ethanol-Fuelled Technology

Projects in Portfolio (2)

- Hydroelectric Generation at Existing Irrigation Dams
- Development of Biomass-Fuelled Steam Locomotive
- Biogas Capture and Renewable Energy Production at Solid Waste Dump in Guanabacoa, Havana

Projects in Portfolio (3)

- Reduce Energy Consumption from Non-Residential Lighting
- Substitute Household Refrigerators with Energy-Efficient Units
- Reduce Electricity Distribution Losses in Santa Clara
- Develop Natural Gas or Methane-Fuelled Vehicle Fleet



¡Muchas gracias!