



Organization of
American States



Regional Workshop on Energy Efficiency Designs for Office and Public Buildings in Tropical Climates

Bay Gardens Hotel, Rodney Bay, Saint Lucia

February 28 to March 1 2013

Day 1: February 28, 2013	
Time	Discussion Topic
9:00 – 9:10 am	Welcome Remarks
9:10 – 9:20 am	Opening Remarks
9:20 – 9:30 am	Introduction <ul style="list-style-type: none"> • Background on OAS and CSEP and ECPA initiatives • Workshop goals
9:30 – 10:30 am	Climate and buildings <ul style="list-style-type: none"> • Bioclimatic and passive design criteria for buildings in tropical areas • Green urban planning and building design certification program for tropical regions • Group discussion
10:30 – 10:45 am	Coffee Break
10:45 – 11:30 am	Energy Efficiency Strategies <ul style="list-style-type: none"> • Energy efficiency in buildings • new construction and refurbishment design criteria for a high efficient buildings • Group discussion
11:30 am – 12:30 pm	Renewable Energy Strategies <ul style="list-style-type: none"> • Renewable energy in buildings • Group discussion
12:30 – 1:30 pm	Lunch Break
1:30 pm – 3:30 pm	Designing for a Low Energy Demand: Energy aspects <ul style="list-style-type: none"> • Energy modeling • Process design: from a conventional building to a highly energy efficient building • Group discussion
3:30 – 3:45 pm	Coffee Break
3:45 – 5:30 pm	Design Tools for a Low Energy Demand: Cost aspects <ul style="list-style-type: none"> • Analysis of life cycle cost. Specifically, presentation and training of the tool developed for Life Cycle Cost analysis in the Caribbean. • Design guides and tools available to decision-makers, engineers, architects and urban designers



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Day 2: March 1, 2013	
Time	Discussion Topic
9:00 – 9:10 am	Welcome Remarks Presentation of outcomes from previous day
9:10 – 9:20 am	Overview of energy efficiency design in the Caribbean
9:20 – 10:20 am	Design Guidebook <ul style="list-style-type: none"> • Verification and validation of the content of the Design Guidebook (DGB) for energy efficient office and public buildings in tropical climates • Group discussion
10:20 – 10:30 am	Coffee Break
10:30 am – 12:00 pm	Policy and technical implications on Mexican official standards for energy efficiency in buildings <ul style="list-style-type: none"> • Challenges, prospects and lessons learnt in the formulation, development, standardization and implementation
12:00 – 12:45 pm	Case studies Examples of energy efficient buildings in tropical areas
12:45 – 1:45 pm	Lunch Break
1:45 – 3:15pm	Concurrent Groups Breakout <ul style="list-style-type: none"> • Institutional capacity / Regulatory barriers → How to address them? • Technical concerns → How to address risks and impacts? • Financial incentives → what programs and mechanisms are available?
3:15 – 3:25 pm	Coffee Break
3:25 – 4:30 pm	Plenary Session – Breakout Group Reports <i>The groups will present an overview (15 minutes max.) of their findings and recommendations. A brief open discussion period (20 minutes max.) will follow to provide an opportunity for Q&A.</i>
4:30 – 5:30 pm	Roundtable Discussion <i>This session will facilitate a dialogue for coordination and information sharing among relevant on-going and up-coming efforts in the Region.</i>
5:30 pm	Adjournment and closing remarks