Organization of American States
Executive Secretariat for Integral Development
Department of Sustainable Development

Sustainable Cities Course, 10th Edition

Civic Center
Montego Bay, Jamaica
December 6-9, 2016

OAS Department of Sustainable Development and other useful webpages:

▪ **Sustainable Communities in Central America and the Caribbean**
▪ **ECPA Webpage**
▪ **http://www.oas.org/en/sedi/DSD/Biodiversity/Sustainable_Cities/Courses.asp**
▪ **Sustainable Cities Collective**

Introduction

The cities of the Americas are experiencing dramatic and accelerating changes. Significant demographic variations and technological advances are having an increasingly powerful impact on how people live in the region. According to recent studies, Latin America and the Caribbean have the highest rate of urbanization in the developing world. Furthermore, the proportion of the regions' population living in cities has doubled from 41% to 80% in the last 60 years. Rapid urbanization is posing serious challenges to OAS member states in terms of housing, common spaces, sustainable transport, controlling and reducing pollution, the collection and disposal of industrial and electronic waste, and the adoption of renewable and clean energy, among others. Cities often expand beyond their planned limits, and official and informal systems to provide water, sewerage, waste disposal, and other common services to these areas are often insufficient and inefficient.

A sustainable Montego Bay for 2030 means a resilient, reconnected, and revitalized city. A resilient city is a strong and healthy city that is ready and capable of adapting or bouncing back from hardship. A revitalized city is one that is active, full of life, renewed, and fortified. A reconnected city is one that is brought into contact or joined together again. Montego Bay will be a place where all, including both the most vulnerable and future populations, have equal access to opportunities for a decent, safe, and prosperous livelihood. With this vision fulfilled, Jamaica's own "Vision 2030" will also be satisfied, whose motto is to make the island a "place of choice to live, work, raise families and do business". (One Bay for All: Montego Bay Sustainability -- February 2015 Emerging and Sustainable Cities Initiative (ESCI) of the IDB.)

With the objective of highlighting advancements in sustainable communities, the Organization of American States (OAS), with funding from US/OAS, in partnership with the St James Parish Council, the Jamaican Solar Energy Association, and the Planning Institute of Jamaica (PIOJ) are organizing a Sustainable Cities course for a group of urban and social transformation professionals. The Sustainable Cities course provides an integral overview of the different aspects that contribute to building sustainable communities, targeting different topics emanating from the First Summit on Sustainable Development in the Americas held in Santa Cruz de la Sierra in December 1996. In this context, section II.3 Sustainable Cities and Communities recognized:

● The incorporation of the poorest and most disadvantaged sectors of the population into the productive process by, inter alia, creating jobs through public and private investment and expanding and enhancing access to credit and to environmentally sound technologies;
● Growth in job creation in small and micro-enterprises by simplifying paperwork, bureaucracy, and operations that affect them and by promoting the economic competitiveness and environmental efficiency of these production units in urban as well as rural areas;
● Narrowing of the housing unit gap and expansion of basic infrastructure services through a comprehensive approach to the problem of rapid urban growth, including the use of clean, safe technologies;

- Promotion of the quality of life in cities and communities, taking into account their spatial, economic, social, and environmental circumstances; and
- Assurance of the most efficient and least polluting industrial and transportation practices so as to reduce adverse environmental impact and promote sustainable development in cities and communities.

Course Objective

To provide theoretical and practical knowledge of the different elements that contribute to the development of sustainable cities to government officials and members of civil society involved in planning processes and urban development.

Specific Objectives

- To provide state of the art knowledge of the set of systems involved in the urban setting combining social and physical science approaches;
- To analyze case studies and identify best practices; and
- To provide a firsthand experience regarding the benefits of green infrastructure, energy efficiency demonstration projects and sustainable transport systems through field visits.
- Produce through break-out groups a policy and recommendations document in each module theme.

Course Methodology

The course will include theoretical presentations that combine the instructors' inputs with student participation. Case studies will be presented and discussed in order to develop practical skills. The course website will provide background readings and material on each module so that students can prepare in order to enhance learning and assimilation of the program content. The course will combine theory with practical exercises in which the students will experience the content of each module applied to real life situations through lectures, readings, field trips group exercises and discussion. The course will include a set of field trips through which students will be able to have contact with the operations and functioning of green infrastructure, energy efficiency projects and sustainable transport examples. Participants will also form break-out groups in each of the Modules and produce a policy and recommendations document.

PROGRAM

Day 1 - Tuesday, December 6, 2016		
Time	**Activity**	**Instructor**
8:00-8:40 AM	Registration	
8:40-9:05 AM	Opening and Welcome Remarks	Mayor of Montego Bay St. James Parish Council Christian (Kit) Redmer Political-Economic Chief U.S. Embassy in Jamaica Richard Huber, Chief, Sustainable Communities, Hazard Risk and Climate Change Section, Department of Sustainable Development, Organization of American States (OAS)
9:05-9:15 AM	Introduction of Participants Overview of Course	Chinyere Nwaogwugwu Local Sustainable Cities Course Coordinator Director, Solar Market Ja
Rationale for Sustainability and Lessons Learned from Sustainable Cities		
9:15-9:45 AM	Sustainable/Smart Cities: Rationale/Emerging Trends Montego Bay Emerging City Plan	Trevion Manning, Director of Planning, St. James Parish Council
9:45-10:15 AM	Lessons Learned and Best Practices from Sustainable Cities in the Americas	Richard Huber, Chief, Sustainable Communities, Hazard Risk and Climate Change Section DSD/OAS
10:15-10:30 AM	**Coffee Break**	
Module I: Land Use and Urban Planning for Sustainability		
10:30-10:50 AM	Integrated Waterfront Park Project - Promotion of Quality of Life in Cities and Communities by Increasing the Availability of Public Spaces	Kamau Kambui Urban Development Corporation, (UDC)
10:50-11:10 AM	Financing Sustainable Communities- Railway Lane Community Incremental Housing/Gordon Town Market Renovations	Gilberto Chona Inter-American Development Bank, (IDB)
11:10-11:30 AM	Promoting Energy Efficiency and Renewable Energy Buildings in Jamaica: Case Study	Heather Pinnock United Nations Development Programme
11:30-12:00 PM	**Round Table Discussion**	
12:00 - 1:00 PM	**Keynote Lunch Presentation:** Squatter Management -Reducing informal settlements for safer construction and planned city growth.	Dr. Horace Chang, Minister without Portfolio, Ministry of Economic Growth and Job Creation with Responsibility for Water, Works and Housing
1:00-2:00 PM	Module Break-out Groups work in teams to prepare policy and technology initiatives	Break-out group Team Leaders

2:00 - 2:15 PM	Discussion and Summary of Key Points	Break -out group Team Leaders
Module II: Crime and Safety		
2:15-2:35 PM	Building Cooperation with the Police Force within Informal Settlement Communities: Initiatives that Work	Marlon Nesbeth, Senior Superintendent of Police, St. James Police Division
2:35-2:55 PM	Integrated City Services through an Operations Centre Integration - A Demonstration Project	Ricardo Rhoden, Director of Administration, St. James Parish Council
2:55-3:15 PM	Community Interventions for Violence Resilience Among at Risk Youth	Simeon Robinson, Citizens Security and Justice Programme (CSJP)
3:15 - 3:45 PM	**Round Table Discussion**	
3:45 - 4:45 PM	Module Break-out Groups work in teams to prepare policy and technology initiatives	Break-out group Team Leaders
4:45 - 5:00 PM	Discussion and Summary of Key Points	Break-out group Team Leaders
Day 2 – Wednesday, December 7, 2016		
Module III: Sustainable Transport and Smart Technology		
8:30 -8:55 AM	Public Transit Systems for Sustainable Cities -- Case studies from the Americas	Richard Huber, Chief, Sustainable Communities,Hazard Risk and Climate Change Section DSD/OAS
8:55 - 9:20 AM	Carbon Emission Reductions for Commuting Efficiency Refinement	Kenneth Hay, Montego Bay Metro
9:20 - 9:40 AM	How Policy Leadership can Improve the Sustainability of Transportation: KeyPolicies that Shape Sustainable Mobility	Tanya Bedward, Ministry of Transportation and Mining
9:40 - 10:00 AM	Smart Homes and Smart Grid Technology for Improved Energy Efficiency and Mobility	Rasheed Anderson, Jamaica Public Service Company (JPSCo)
10:00-10:30 AM	**Coffee Break**	
10:30-11:00 AM	**Round Table Discussion**	
11:00-12:00 PM	Module Break-out Groups work in teams to prepare policy and technology initiatives.	Break-out group Team Leaders
12:00-12:15 PM	Discussion and Summary of Key Points	Break-out group Team Leaders
12:15 – 1:15 PM	**Keynote Lunch Address:** On the Road to Zero Waste - The City of San Francisco's Experience	Soko Made, City Government Zero Waste Assistant, City of San Francisco, USA
Module IV : Energy and Environmental Sustainability		

Time	Topic	Speaker
1:15 - 1:35 PM	Enabling Policy Measures for Enhanced RE and EE Access	Suzanne Shaw, Caribbean Policy Research Institute (CAPRI)
1:35 - 1:55 PM	Solar Energy for Increased Competitiveness and Energy Security. A Business Perspective	Ernest Grant, Rainforest Seafoods Ltd.
1:55 -2:15 PM	Ecosystem Services : Benefits Supplied to Human Societies by Nature Quantified	Maurice Mason, Institute of Sustainable Development, University of the West Indies, Mona Campus
2:15 -2:35 PM	Composting for Improved Resource Management	Soko Made, City Government Zero Waste Assistant, City of San Francisco, USA
2:35 - 2:50 PM	**Coffee Break**	
2:50 - 3:20	**Round Table Discussions**	
3:20 - 4:20 PM	Module Break-out Groups work in teams to prepare policy and technology initiatives	Break-out group Team Leaders
4:20 - 4:35 PM	Discussion and Summary of key points	Break-out group Team Leaders

Day 3 - Thursday, December 8, 2016

Module V: Climate Change and Disaster Resilience Management

Time	Topic	Speaker
8:30 -8:50 AM	How to Plan for the Foreseeable- Building Risk Management into Sustainable Planning	Major Clive Davis, Office of Disaster Preparedness and Emergency Management, (ODPEM)
8:50-9:10 AM	Climate Change Weather Scenarios and their Effect on Health and Food Security	Dr. Taraleen Malcolm, Pan American Health Organizaiton (PAHO)
9:10-9:30 AM	Managing Risks to the Coastal Environment of Montego Bay from Natural Hazards in the Coastal Zone and Climate Change	Antionette Green, Montego Bay Marine Park Trust (MBMPT)
9:30 - 9:50 AM	Sustainable Designing Large Scale Urban Wastewater Projects	Chris Brandewie, Engineers Without Borders, USA
9:50 - 10:10 AM	Improving the Sanitation Coverage in Montego Bay by Incorporating Best Sewage and Wastewater Treatment Practices	Leonard Francis, National Environment and Planning Agency (NEPA)
10:10-10:25 AM	**Coffee Break**	
10:25-10:55 AM	**Round Table Discussions**	
10:55 -11:55 AM	Break-out Groups work in teams to prepare policy and technology initiatives	Break-out group Team Leaders
11:55-12:10 PM	Break- out group presentations and summary of key points	Break-out group Team Leaders
12:10 - 1:10 PM	**Keynote Lunch Address:** Vision 2030 as a Best Practice in Development Planning	Elizabeth Emanuel, Vision 2030, Planning Institute Of Jamaica (PIOJ)

Module VI: Employment and Education

Time	Topic	Speaker
1:10-1:30 PM	Creating Vibrant Local Economic Development from Sustainable Initiatives	Stephannie Hutchinson, Caribbean Local Economic Development Project (CARILED)
1:30-1:50 PM	Identifying Major Growth Sectors Early to Increase Competitiveness	Conrad Robinson, Montego Bay Chamber of Commerce, (MBCC)

1:50-2:10 PM	Courses that Matter: The Role of Educational Institutions and Policy on Creating Employable Graduates	Patrick Prendergast, University of the West Indies West Campus
2:10 - 2:30 PM	Retooling Education: Augmenting Passes and Academic Qualifications for a Technically Oriented Future	Dr. Michele Pinnock, Region 4, Ministry of Education
2:30- 2:45 PM	**Coffee break**	
2:45-3:15 PM	**Round Table Discussions**	
3:15-4:15 PM	Group break-out sessions to design policy and technology initiatives	Break-out group Team Leaders
4:15 - 4:30 PM	Break- out group presentations and summary of key points	Break-out group Team Leaders
Day 4 -Friday, December 9, 2016		
Presentations		
8:30 -9:00 AM	International Participant Presentation	International Participants
9:00 - 9:15 AM	**Coffee Break**	
Field Study Visit		
9:30-11:30 AM	Montego Bay Marine Park	Joshua Bailey, Outreach Coordinator, MBMPT
11:50 - 12:50 PM	Keynote Lunch Address -Tourism Policy Enablers that improve the product. Does more need to be done?	Minister Edmund Bartlett, Minister of Tourism
Module VII: Sustainable Tourism		
1:00 - 1:20 PM	Improving the Tourism Product Through Sustainable Attractions and Tourism Initiatives	Marilyn Burrowes, Association of Jamaica Attractions Limited (AJAL)
1:20 - 1:40 PM	From Farm to Table: Enriching the Cooperation between Farmers and Hospitality	Courtney Taylor, Rural Agricultural Development Authority (RADA)
1:40 - 2:00 PM	Diversification of Destination Jamaica: Opportunities to Attract New Visitors	Osbourn Chin, Ministry of Tourism
2:00 - 2:20 PM	Lessons Learned from the Falmouth Revitalization Project for Tourism and Heritage Coexistence	Trina Delisser**,** Georgian Society of Jamaica
2:20 - 2:50 PM	**Round Table Discussion**	
2:50 - 3:05 PM	**Coffee Break**	
3:05 - 4:05 PM	Break out Sessions Group break-out sessions to design policy and technology initiatives	Break-out group Team Leaders
4:05 - 4:35 PM	Break- out group presentations and summary of key points	Break-out group Team Leaders
4:35 - 4:45 PM	Closing Ceremony	Mayor of Montego Bay, St. James Parish Council
4:45 - 4:55 PM	Presentation of Certificates	Trevion Manning, St. James Parish Council
4:55 - 5:00 PM	Closing Remarks	Richard Huber, OAS

| 5:00 - 5:05 PM | Vote of Thanks to Participants | Chinyere Nwaogwugwu, Local Sustainable Course Coordinator, Director, Solar Market Ja |