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## CARIBBEAN SUSTAINABLE ENERGY INDEPENDENCE: MAKING IT HAPPEN

**Conference dates:** November 10 - 11, 2016

**Venue:** Lloyd Erskine Sandiford Centre, Two Mile Hill, St. Michael. Barbados

### Why is this conference important?

- Synopsis of the incremental steps in creating a blueprint for the development and implementation of sustainable energy targets among Caribbean States.
- Review of the CARICOM Sustainable Energy Policy agreed to at the special meeting of the COTED on 4<sup>th</sup> March 2013 and its current state of implementation among member states.
- Update on global efforts to achieve energy independence through the pronouncement of 100% RE strategies.
- Overview of financing models and options for sustainable energy development across the region.
- Assessment of the role being played by Civil Society Organisation in sustainable energy development across the region
- Provision of detailed transition strategies for moving from a fossil fuel to sustainable energy-driven economies.

### Who should attend?

The conference will be targeting a mix of regional policy makers, legislators, utilities, academics, fuel suppliers and distributors, NGOs and CSOs, regional and international installers, lawyers, bankers and fund managers, insurance companies, farmers, manufacturers, hoteliers and professionals.

The Conference will utilize panel discussions, expert presentations, and open discussions from the floor to achieve the objectives. In addition a side meeting among the civil society actors will be convened.

### Specific objectives and outcomes:

#### Key Objectives

Objectives are to:

- Promote the alignment of sustainable energy policies in the Caribbean.
- Promote increased ambition for sustainable energy targets using Barbados' thrust as a case for energy independence.
- Promote increased participation of civil society in the energy sector transformation process.
- Review best practices through case studies for the creation of a blue-print to advance RE and EE in the Caribbean.

**Expected Outcomes:**

- 1. Increased awareness about some best practices**, workable models, and solutions that could allow Caribbean SIDS to achieve high share of renewable energy penetration and energy independence.
- 2. Increased awareness about the benefits of a blueprint approach** for implementing RE and EE
  - a. Increased knowledge, from case studies, about the key technical and regulatory elements of a blue-print for implementing RE and EE strategies
  - b. Identification of possible blueprint for crafting and implementing RE and EE policy implementation
- 3. Identification of clear strategies for, and issues to be addressed** in the process of mobilizing civil society, and for the formation of a regional sustainable energy association, based on the establishment of national SE Associations.

# CONFERENCE AGENDA

## DAY ONE, 10<sup>TH</sup> NOV 2016

Time	Session	Speaker [s] / Facilitator [f]	Narrative
8:00 – 9:00	<b>Registration</b>		
9:00 - 10:00	<p><b>Conference Opening – Mr. Hallam Hope</b>, (Board Member of BREA)</p> <p><b>Conference Committee Chair’s Remarks</b> Clyde Griffith (Executive Director of BREA)</p> <p><b>Conference Host’s remarks: Dr. Delisle Worrell</b>, (Governor of the Central Bank of Barbados)</p> <p><b>Featured Address: The Right Honourable, Freundel J. Stuart</b>, (Prime Minister of Barbados)</p>		
10:00 - 10:30	Morning Break / Sponsorship Display		
10:30- 12:00	<p><b>1. Developing Energy Independence in Caribbean</b></p> <p><b><u>Session Overview</u></b></p> <p>This session will consist of an interactive Round Table Discussion seeking to engage a collection of regional Energy Ministers and representatives on their respective sustainable energy visions and goals and the level of political and public engagement around the issue domestically. Participants will be asked to briefly clearly define what Energy Independence means for each of their respective countries and whether they have identified any regional or international models for emulation. Emphasis will also be placed on what achievements have been realised to date with respect to Sustainable Energy development and what else will be required to further enhance these successes.</p> <p><b>The Honourable, Senator Darcy Boyce</b> (Minister with Responsibility for Energy within the Office of the Prime Minister) [s]</p> <p><b>The Honourable, Didier Dogley</b> (Minister of Environment, Energy &amp; Climate Change of Seychelles) [s]</p> <p><b>The Hon. Stephenson King</b>, (Former Prime Minister of St. Lucia and current Minister of Infrastructure, Ports, Energy and Labour, St. Lucia) [s]</p> <p><b>Mr. Aidan J. Rogers</b> (President of the Barbados Renewable Energy Association) [f]</p>		
12:00- 13:00	LUNCH / Sponsorship Display		
13:00- 14:30	<p><b>2. Getting the Policy Right: Establishing a policy blueprint for moving sustainable energy goals forward</b></p> <p><b><u>Session Overview</u></b></p> <p>This session will focus on establishing the link between Sustainable Energy Policy creation and implementation at both the regional and governmental levels. Special attention will be paid to what has been termed “the Trilogy” of Policy, Legislation and Regulation, where attendees will receive examples of the step by step process of giving legislative effect to Sustainable Energy Policies and the critical role of regulations.</p> <p><b>Dr. Devon Gardner</b> (Head of the CARICOM Energy Unit) – “<b>The CARICOM Perspective – CARICOM Rationale for Sustainable Energy Policy Agenda: The Why?</b>” [s]</p> <p><b>Mr. Mark Glick</b> (Administrator of the Hawaii State Energy Office) - “<b>The Hawaiian Experience</b>” [s]</p>		

	<p><b>The Honourable, Didier Dogley</b> (Minister of Environment, Energy &amp; Climate Change of Seychelles) – <b>“The Seychelles Experience”</b> [s]</p> <p><b>Mr. William Hinds</b>, (Chief Energy Conservation Officer, Division of Energy and Telecommunications, Barbados) – <b>The Barbados Push Toward 100% RE”</b> [s]</p> <p><b>Mr. Hallam Hope</b>, (Board Member of Barbados Renewable Energy Association) [f]</p>
14:30-15:00	AFTERNOON BREAK / Sponsorship Display
15:00-16:50	<p><b>3. Financing Energy Independence in Caribbean</b></p> <p><b>Session Overview</b></p> <p><b>Achieving Energy Independence in the Caribbean will only be possible with access to affordable financing. This section will focus on the opportunities available to regional governments and institutions for financing 100% RE strategies. Emphasis will be placed on what types and how much financing is available to the region from the major multilateral lending institutions. Specific insights will be given on the funding program currently in place or will be in place to make this vision a reality.</b></p> <p><b>Ms. Laura Berman</b> – (Energy Specialist, World Bank) – <b>“The World Bank Perspective - Options Available to the Region vis-à-vis Renewable Energy”</b> [s]</p> <p><b>Ms. Tessa Williams-Robertson</b> - (Head of Renewable Energy/Energy efficiency Unit, Caribbean Development Bank) – <b>“The CDB Perspective - Options Available to the Region vis-à-vis Renewable Energy”</b> [s]</p> <p><b>Mr. Christiaan Gischler</b>, (Energy Lead Specialist, Inter-American Development Bank) – <b>“The IADB Perspective - Options Available to the Region vis-à-vis Renewable Energy”</b> [s]</p> <p><b>Mr. Aidan J. Rogers</b> (President of the Barbados Renewable Energy Association) - <b>“Unleashing Sustainable Energy Investments – Solutions for Low to Middle Income Communities”</b> [s]</p> <p><b>Dr. Erwin Edwards</b> (European Union Technical Assistance Facility Expert on Sustainable Energy in the Caribbean Region) – <b>“The Work of the EU in the Region on Sustainable/Green Energy”</b> [s]</p> <p><b>Dr. Justin Robinson</b> ( Dean of the Faculty of Social Sciences, University of west Indies, Cave Hill Campus [f]</p>
16:50-17:00	Day 1 closing remarks and set up for Day 2 – <b>Mr. Hallam Hope</b> , (Board Member of BREA)
17:00-21:00	<b>Networking/ Cocktail Reception</b>

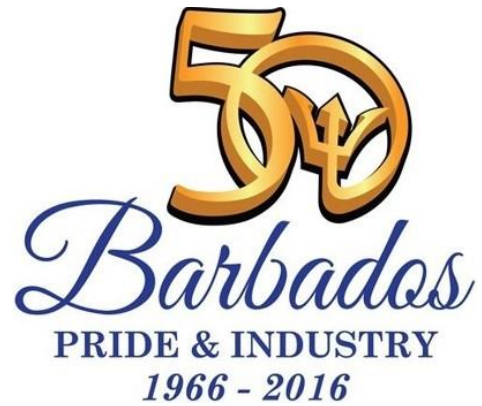
## DAY TWO, 11<sup>TH</sup> NOV 2016

Time	Session	Speaker [s] / Facilitator [f]	Narrative
8:15a.m.	<b>Opening Remarks</b> – <b>Dr. Sir Trevor Carmichael, KA, LVO, Q.C.</b> , (Chairman of Chancery Chambers, Attorneys-at-Law) [s]		
8:30 - 10:30	<p><b>4. Development Planning for Caribbean Energy Independence – Creating A 100% RE Pathway</b></p> <p><b>Session Overview:</b></p> <p><b>This session will seek to identify and outline the key developmental and technical steps to be taken by regional governments in implementing sustainable energy initiatives within their country. The session will focus on the critical decisions to be made with respect to planning regulations, RE resource assessments, financing models and the technical considerations to be taken in crafting commercially</b></p>		

	<p><b>viable 100% RE solutions. In addition to reviewing the various physical development and planning considerations, a case study of the lessons learned from the experience with 100% renewable energy supply will be provided.</b></p> <p><b>Mr. Mark Cummins</b> (Chief Town Planner of Barbados) – <b>“Planning Challenges for Large Scale Integration of Renewable Energy Sources in the Landscape of Barbados”</b> [s]</p> <p><b>Mr. Christian Stoebich</b>, (Vice President, Head of Business Development Andritz Hydro, Germany) –<b>“Pump Storage as the Backbone of a Future 100% RE Power System for Barbados”</b> [s]</p> <p><b>Dr. Hendrik Lund</b> (Professor, Department of Planning and Development, Aalborg University, Denmark) – <b>“100% Renewable Energy Supply – Lessons Learned from the Danish Experience”</b> [s]</p> <p><b>Professor Olav Hohmeyer</b> (Professor of Energy Economics, Flensburg University, Germany) <b>“100% Renewable Barbados – Next Steps Towards a Sustainable Energy Future for Barbados”</b> [s]</p> <p><b>Dr. Thomas Rogers</b> (University of the West Indies, Cave Hill Campus) <b>“Making the Best Use of an Outstanding Wind Energy Resource: Measuring and Mapping Wind Energy in Barbados”</b> [s]</p> <p><b>Mr. Todd Kerschbaum</b>, (Vice President of Global Energy MWH Constructors) – <b>“Regulatory Drivers for Biomass in the United Kingdom”</b> [s]</p> <p><b>Mr. Jerry Franklin</b> (Vice President of the Barbados Renewable Energy Association) [f]</p>
10:30 - 11:00	Tea/Light refreshments
11:00-12:30	<p><b>5. Empowering civil society through community based sustainable energy engagement and projects</b></p> <p><b><u>Session Overview</u></b></p> <p><b>This session will focus on community engagement and empowerment strategies around Sustainable Energy development across the region and what Energy Independence could and should mean for average citizens. Emphasis will be placed on the work currently being conducted through Civil Society Organisation throughout the region around sustainable energy and how this work is critical to driving the push towards Caribbean energy independence.</b></p> <p><b>Focus will also be placed on community based investment strategies, where average citizens can share in the financial benefits to be derived for investing in clean sustainable energy technologies, such as solar and wind farms.</b></p> <p><b>Professor Olav Hohmeyer</b> (Professor, Energy and Natural Resources, University of Flensburg, Germany) [s] –<b>“Citizens’ Participation: The Key to Barbados’ Sustainable Energy Future”</b> [s]</p> <p><b>Mr. Paul Black</b> (Clean Nova Scotia Consultant and Managing Director, Fisherwick Solutions Inc. , Canada)[s] – <b>“The Citizens’ Participation in Nova Scotia, Canada and the Role of Government”</b> [s]</p> <p><b>Mr. Rodney Grant</b> (Executive Director of Caribbean Policy Development Centre) <b>“Overview of CSO activity in Sustainable Energy across the Caribbean”</b> [s]</p> <p><b>Mr. Rohan Ford</b> (Board Member of Barbados Renewable Energy Association) [f]</p>
12:30-13:30	LUNCH/ Sponsorship Display
13:00 – 18:00	<b>EXHIBITION OPEN TO the PUBLIC FOR VIEWING</b>

13:30-15:00	<p><b>6. Linking Sustainable Energy strategies with various sectors</b></p> <p><b><u>Session Overview</u></b></p> <p>This session will explore the current and potential link between Sustainable Energy developments and technologies with other leading sectors within Caribbean economies. Specific focus will be placed on the Tourism, Transportation, Manufacturing and Agricultural sectors. Attention will also be paid to the use of innovations in Energy Efficiency to traditional business applications.</p> <p><b>Dr. Rebekah Shirley</b> (Renewable and Appropriate Energy Laboratory, University of California Berkeley.[s] – “Sustainable Energy and Transportation” [s]</p> <p><b>Ms. Loreto Duffy-Mayers</b> (Program Director of the Caribbean Hotel Energy Efficiency Taskforce) [s] “Sustainable Energy and the Caribbean Hotel Industry” [s]</p> <p><b>Mr. David Bynoe</b> (National Coordinator of the GEF SGP Programme being implemented by the UNDP) [s] – “ Sustainable Energy and Agriculture” [s]</p> <p><b>Mr. Jim Reid</b> (Founder and Managing Director of Caribbean LED Lighting) –“Achieving Sustainable Energy Goals through LED Lighting” [s]</p> <p><b>Mr. Chuck Faulkner</b> (General Manager, Efficiency One, Canada)[s] “Opportunities for Energy Efficiency in the Industry” [s]</p> <p><b>Mr. Jerry Franklin</b> (Vice President of the Barbados Renewable Energy Association) [f]</p>
15:00 - 15:30	Afternoon Break / Sponsorship Display
15:30-17:00	<p><b>7. Transition strategies for existing energy entities</b></p> <p><b><u>Session Overview</u></b></p> <p>Energy is often times referred to as the “life blood” of an economy and as such is controlled in many respects by some of the most financially lucrative and powerful institutions and corporations respectively. The global push towards sustainable energy developments however, have caused major disruption to the once sacrosanct business model of the global energy sector with its multiplicity of actors consisting of regulatory agencies, utility companies and fuels suppliers.</p> <p>The goal of this session will be to strategically engage representatives from the three key stakeholders within the island’s energy sector to determine how to include and work with the fossil fuel status quo on changing the energy paradigm.</p> <p><b>Dr. Marsha Atherley-Ikechi</b> (Director of Utility Regulation, Fair Trading Commission, Barbados) “ Tomorrow – RE” [s]</p> <p><b>Ms. Felicia Cox</b> (Renewable Energy Officer, Barbados National Oil Company) “Transitioning from an Oil to an Energy Company” [s]</p> <p><b>Mr. Roger Blackman</b>, (Managing Director, Emera Caribbean Ltd.) “Transitioning Strategies for Existing Utilities” [s]</p> <p><b>Mr. David Barrett</b>, (Principal Consultant, ENBAR Consulting, Jamaica)”Establishment of Sustainable Energy Civil Society Organizations” [s]</p> <p><b>Mrs. Lisa-Ann Fraser</b>, (Attorney-at-Law &amp; Energy Consultant, Board member of Renewable Energy Association) [f]</p>
17:00-17:10	<p>Closing remarks and next steps</p> <p><b>Mr. Hallam Hope</b>, (Board Member of BREA)</p>

# CONFERENCE PARTNERS



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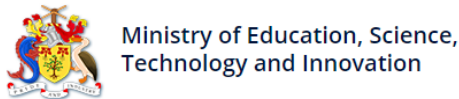




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