

RITZ-CARLTON, MONTEGO BAY, JAMAICA  
15<sup>TH</sup>-16<sup>TH</sup> OCTOBER 2009**Agenda: How it Works**

Each speaker will give a 5-10 minute presentation. Collectively, each panel's presentations will then form the basis for an intra-panel discussion and for audience question and answer - in which we encourage you to participate.

To view the topics to be presented by each speaker, please refer to the speaker bios which are grouped by panel discussion.

**THURSDAY, OCTOBER 15****08.30 – 08.40****CHAIRMAN'S INTRODUCTION:**

**Jerry Butler**, *Chairman, Caribbean Renewable Energy Forum (CREF)*

**08.40 – 9.00****MINISTER OF ENERGY & MINING WELCOME****ADDRESS:**

**Hon. James Robertson**, *Minister of Energy and Mining, Government of Jamaica*

**09.00 – 10.30****PANEL I****HARNESSING THE RENEWABLE ENERGY POTENTIAL OF THE CARIBBEAN**

A high-level panel comprising leading energy experts will define opportunities and obstacles for increased production of, and investment in, renewable energy across the region.

- Why a regional approach to renewable energy is essential
- New initiatives to create a sustainable energy matrix in the Caribbean
- Analysis of Eastern Caribbean initiatives; key preliminary findings of a major new World Bank study
- Opportunities for investment in existing and planned renewable energy projects across the region
- The US perspective on Caribbean renewables

**PANEL CHAIR:**

**Jerry Butler**, *Chairman, Caribbean Renewable Energy Forum (CREF) – Bahamas*

**Speakers:**

- **Andrew Dowdy**, Deputy Director, Regional Economic Policy, US Department of State - USA
- **Franz Gerner**, Caribbean Task Team Leader & Senior Energy Economist, The World Bank - USA

- **Christiaan Gischler**, Energy Specialist, Inter-American Development Bank (IDB) – USA
- **Thomas Scheutlich**, Principal Advisor, CREDP-GTZ – St. Lucia
- **Joseph Williams**, Programme Manager, Energy, Caribbean Community Secretariat (CARICOM) – Guyana

**10.30 – 11.00**  
**COFFEE BREAK****11.00 – 12.30****PANEL II****FINANCING CARIBBEAN RENEWABLES**

In a risk-averse, recessionary, global climate the challenge to finance the renewable energy sector in the Caribbean is significant. Yet financing options still exist. This panel will analyze:

- The success criteria of projects world-wide that have found financing in challenging markets
- Sources of long-term funding: private equity, regional commercial banks, international and regional bond and equity markets
- The viability of Public Private Partnerships (PPPs) in the region
- Multilateral sources of financing
- Carbon credits – how to enhance long-term renewable project profitability
- The role of venture capital and private equity in the Caribbean

**PANEL CHAIR:**

**Scott Gardner**, *Managing Director, USA Renewables Group (USRG)*

**Speakers:**

- **Richard Ashby**, Chief Financial Officer, RES Americas – USA
- **Dr. Gunter Fischer**, Principal Officer, European Investment Bank Group (EIB) - Luxembourg

- **Gabriel Goldschmidt**, Manager, Infrastructure, Latin America & Caribbean, International Finance Corporation (IFC) – USA
- **Lynn Tabernacki**, Senior Manager, Renewable Energy & Sustainable Development Finance, Overseas Private Investment Corporation (OPIC) - USA
- **Paul Thurk**, Partner, ARCH Venture Partners – USA
- **Dr. Zhihong Zhang**, Coordinator, Climate Change Mitigation, Global Environment Facility (GEF) – USA

**12.30 – 13.30**  
LUNCH

**13.30 – 14.45**  
PANEL III

**THE REGULATORY SESSION:  
DEFINING INNOVATIVE ENERGY POLICY THAT  
DRIVES INVESTMENT IN RENEWABLES**

A high level panel will present and debate real-world solutions to the Caribbean’s regulatory bottle-neck and to the over-riding need to drive investment into the region.

- How to define long-term renewable energy objectives and strategy framed in policy
- How to implement long-term incentive and sanction schemes that attract world-class renewable developers
- Case-Study: New York State – policy lessons learned
- Feed-in tariffs (FITs) vs. alternative support schemes

**PANEL CHAIR:**

**Mark Lambrides**, *Division Chief, Energy & Climate Change, Organization of American States (OAS) - USA*

**Speakers:**

- **John Cahill**, Former Chief of Staff to Governor George E. Pataki and Former Commissioner of the Department of Environmental Conservation of New York State; Counsel, Chadbourne Parke LLP; CEO, Pataki-Cahill Group – USA
- **David Ehrhardt**, Chief Executive Officer, Castalia Strategic Advisors – USA
- **Vernon L. Lawrence**, Managing Director & Chief Executive Officer, Grenada Electricity Services; Chairman, CARILEC - Grenada

**14.45– 15.45**

PANEL IV

**CASE-STUDY:**

**HEMISPHERIC BIOFUELS COOPERATION**

Brazil is a global leader in the production and use of sugarcane based ethanol or ethyl alcohol. What can the Caribbean learn from Brazil’s long-term solution-based approach to the oil crisis which hit Brazil in the 1970s?

- The case-study will also study the implications for the Caribbean of the US/Brazil biofuels initiative, which includes cellulose-derived biofuels
- Consistent with the Summit of the America’s call for a Hemispheric Energy and Climate Partnership, the US and Brazil are working closely with the Dominican Republic, El Salvador, Haiti and St. Kitts and Nevis to foster a biofuels industry
- This panel will analyze the success of this initiative to date, and prospects for the future now the program has been expanded to include Jamaica, Guatemala and Honduras

**PANEL CHAIR:**

**Matthew McManus**, *Division Chief, Energy Producer Country Affairs, US Department of State - USA*

**Speakers:**

- **His Excellency Alexandre Rubem Milito Gueiros**, Brazilian Ambassador to Jamaica - Brazil
- **Dr. Gary Jackson**, Manager, Renewable Energy, Petroleum Corporation of Jamaica (PCJ) - Jamaica
- **Judy Siegel**, President, Energy and Security Group (ESG) - USA

**15.45 – 16.15**

**COFFEE BREAK**

## FRIDAY, OCTOBER 16

*(cont.)***RENEWABLE ENERGY TECHNOLOGIES AND THEIR APPLICATIONS IN THE CARIBBEAN**

The last session of Day 1 and all of Day 2 will be organized by ENERGY TYPE. Each panel will present in detail on challenges to implementation in the Caribbean, the latest global technologies, and their applicability in the region.

**16.15 – 17.30****PANEL V****BIOMASS**

Topics to be covered will include:

- Myth vs. reality: realistic biofuel options for Jamaica
- Food security vs. biofuels in the Caribbean
- Analysis of sources of biomass. Bagasse, jatropha, etc.
- Liquid biomass and applications in the Caribbean

**PANEL CHAIR:**

**Aubyn Hill**, *Chief Executive Officer, Corporate Strategies Ltd. – Jamaica*

**Speakers:**

- **Dr. Frederique Abreu**, Hemispheric Coordinator of Agrienergy and Biofuels, Inter-American Institute for Cooperation – Costa Rica
- **Cary J. Claiborne**, President & CEO, New Generation Biofuels - USA
- **John Keppler**, President & CEO, Intrinergy – USA
- **Curtis Mohammed**, CEO, Trinidad Bulk Traders Ltd. – Trinidad & Tobago
- **James Moss-Solomon**, Chairman, Scientific Research Council – Jamaica

**17.30 – 17.45****CLOSING KEYNOTE ADDRESS:**

**Jigar Shah**, *CEO, The Carbon War Room; Former CEO, & Founder, SunEdison*

**17.45 – 18.00****CLOSING MINISTERIAL ADDRESS:**

**Hon. James Robertson**, *Minister of Energy & Mining, Government of Jamaica*

**18.00 – 19.30 COCKTAIL RECEPTION****19.30 DAY ONE CLOSE****8.00 – 8.05****WELCOME**

**Jerry Butler**, *Chairman, Caribbean Renewable Energy Forum (CREF)*

**Special Mention:**

**Anton Edmunds**, *Executive Director & CEO, Caribbean-Central American Action (CCAA)*

**Bill Holmberg**, *CEO, Latin American & Caribbean Council On Renewable Energy (LAC-CORE)*

**08.05 – 08.20****OPENING KEYNOTE ADDRESS:**

**Governor George E. Pataki**, Former Governor of the State of New York; Counsel, Chadbourne & Parke LLP; Founder & Chairman, Pataki-Cahill Group

**08.20 – 09.20****PANEL VI****SOLAR**

Topics to be covered will include:

- Analysis of latest global technologies and their applicability in the region
- PV vs. CSP for the Caribbean
- Solar Thermal for the Caribbean: Opportunities and Obstacles
- Solar Cooling: Innovations and Applications in the Caribbean
- Storage issues; solar as an on-grid energy source

**PANEL CHAIR:**

**Dr. Indra Haraksingh**, *Lecturer, UWI; President, Caribbean Solar Energy Society – Trinidad & Tobago*

**Speakers:**

- **Asier Aya**, PV Division Director, Abengoa Solar, Inc. - USA
- **Henk de Beijer**, CEO, De Beijer RTB B.V. – Netherlands
- **Dr. Christian Holter**, Chief Executive Officer, S.O.L.I.D. – Austria

**09.20 – 10.20****PANEL VII****WIND**

Topics to be covered will include:

- Analysis of success of regional wind farms
- Challenge of translating the region's wind resource into a reliable and cost-effective source of energy
- Risk mitigation for wind energy investments
- Onshore vs. offshore for the Caribbean

**PANEL CHAIR:**

**Nicole Spencer**, *Director, Energy Policy, Council of the Americas – USA*

**Speakers:**

- **Earl Barrett**, General Manager, Wigton Wind Farm, Jamaica
- **Charles Galante**, Managing Director, Castalia Capital; Managing Partner, Castalia Capital Latin American Clean Energy Fund
- **Henk Hutting**, Chief Executive Officer, NuCapital – Netherlands
- **Pierre Pesnel**, Global Head, Business Development, Vergnet - France

**10.20 – 11.20**

**PANEL VIII**

**GEOTHERMAL**

Topics to be covered will include:

- Analysis of developments in Nevis and Dominica
- Other opportunities for geothermal in the region
- Putting in place the substantial financial resources needed to undertake exploration and extraction
- Key policy lessons learned from ongoing projects in Dominica and Nevis
- Latest technology and its environmental impact

**PANEL CHAIR:**

**Nigel Hosein**, *Executive Director, Caribbean Electric Utility Service Corporation (CARILEC) – St. Lucia*

**Speakers:**

- **Robert Blenker**, VP Renewable Energy, Chief Development Officer, WRB Enterprises – USA
- **Dr. Kerry McDonald**, Chief Executive Officer, West Indies Power – St. Kitts & Nevis
- **Hon. Carlisle Powell**, Minister of Communication, Works, Public Utilities, and Posts - Nevis Island Administration
- **Hon. Charles Savarin**, Minister for Public Utilities, Energy and Ports, Commonwealth of Dominica - Dominica

**11.20 – 11.40**

**COFFEE BREAK**

**11.40 – 12.40**

**PANEL IX**

**WASTE-TO-ENERGY**

Topics to be covered will include:

- Why Waste-to-Energy for the Caribbean?
- Analysis of ongoing projects in US Virgin Islands, Bahamas, Jamaica

- How to successfully structure and execute a Waste-to-Energy RFP
- Traditional vs. new technologies

**PANEL CHAIR:**

**Anton Edmunds**, *Executive Director & CEO, Caribbean-Central American Action (CCAA) – USA*

**Speakers:**

- **Glenn J. Berger**, Partner, Energy & Infrastructure Projects, Skadden Arps – USA
- **Rod Bryden**, President & CEO, Plasco Energy Group – Canada
- **Peter Chromec**, VP, Energy from Waste, AE&E - Von Roll – USA
- **Hugo Hodge Jr.**, Executive Director & CEO, Virgin Islands Water & Power Authority (VIWAPA) – Virgin Islands

**12.40 – 13.40**

**PANEL X**

**HYDRO & OCEAN**

Topics to be covered will include:

- Off-shore check-list: key regulatory, transmission, environmental issues
- Tidal feasibility; latest tidal technologies and their applicability in the Caribbean
- Case-Study: 42 MW Quebec hydro project

**PANEL CHAIR:**

**Jerry Butler**, *Chairman, Caribbean Renewable Energy Forum (CREF)*

**Speakers:**

- **Robert Blenker**, VP Renewable Energy, Chief Development Officer, WRB Enterprises – USA
- **Pierre Lacombe, Eng.**, Vice President, Energy, GENIVAR – Canada
- **Michael Murphy**, Vice President, Director of Renewable Energy – Alternative Technologies, HDR/DTA – USA
- **Ray Robinson**, P. Eng., Vice President, Integrated Operations, Emera Inc. – Canada

**13.40**

**CHAIRMAN'S CLOSING REMARKS**