



10-11 October 2016
Bridgetown, Barbados, Lloyd Erskine Sandiford Centre

Agenda



The Caribbean Region: Challenges and opportunities for the energy transformation

EU-CARIBBEAN
SUSTAINABLE ENERGY
CONFERENCE
10-11 OCTOBER 2016
BRIDGETOWN, BARBADOS

MONDAY, 10 OCTOBER 2016

THE CARIBBEAN REGION: CHALLENGES & OPPORTUNITIES FOR THE ENERGY TRANSFORMATION

08.00 – 09.00 REGISTRATION

09:00 - 10.00 OPENING CEREMONY

Room Frangipani

Welcome by:

- Ambassador Daniela Tramacere, Head of Delegation of the EU to Barbados, the Eastern Caribbean, OECS, and the Caribbean Community

Keynote addresses by:

- Mr. Christopher Jones, Deputy Director General for Energy, European Commission
- Mr. Pim van Ballekom, Vice President of the European Investment Bank (EIB)
- Ambassador Irwin LaRocque, Secretary General, CARIFORUM/CARICOM
- The Right Honourable Mr. Freundel Stuart, Prime Minister of Barbados

Signing Ceremony of a Joint Declaration on reinforced cooperation in the field of sustainable energy and of new EU support programmes in the Caribbean

10.00 – 10.30 COFFEE BREAK

Eastern Foyer

10.30 – 11.45 MINISTERIAL PANEL ON SUSTAINABLE ENERGY POLICIES**Room Frangipani****Moderator:**

- Mr. David Ellis, Journalist

Panellists:

- Sen. The Hon. Darcy Boyce, Minister in the Office of the Prime Minister, Barbados
- The Hon. Paul Lewis, Minister for Communications, Works, Energy and Labour, Montserrat
- The Hon. Ian Liburd, Minister of Public Infrastructure, Post, Urban Development and Transport, St. Kitts & Nevis
- Mr. Oscar de la Maza, Director of Renewable Energy, Dominican Republic

Interventions:

- The Hon. Ian Douglas, Minister of Trade, Energy and Employment, Dominica
- The Hon. Raphael Trotman, Minister for Natural Resources, Guyana
- The Hon. Stephenson King, Minister for Infrastructure, Ports Energy and Labour, St. Lucia
- The Hon. William Marlin, Prime Minister / Territorial Authorising Officer, St. Marten
- The Hon. Regilio Dodson, Minister of Natural Resources, Suriname

11.45 –13:00 HIGH-LEVEL DISCUSSION PANEL ON THE STATE OF PLAY AND GOALS FOR RENEWABLE ENERGY AND ENERGY EFFICIENCY**Room Frangipani****Moderator:**

- Ms. Christine Lins, Executive Secretary, REN21

Presentation:

- **The Energy Future for the Caribbean** - Mr. Joseph Cox, Assistant Secretary General for Trade and Economic Integration, CARICOM

Panellists:

- Mr. Li Yong, Director General, UNIDO
- Mr. Oliver Schafer, President, Solar Power Europe
- Mr. Steve Sawyer, Secretary General, Global Wind Energy Council
- Mr. Peter Williams, Managing Director of EMERA Caribbean Inc.

13:00 - 14:00 LUNCH**Tiffany Dining Room*****OPPORTUNITIES FOR INVESTMENTS: HOW CAN WE GET THERE?*****14.00 – 15.00 PRESENTATION OF BEST PRACTICES IN THE CARIBBEAN AND THE EU****Room Frangipani****Moderator:**

- Mr. Kenrick Leslie, Executive Director, Caribbean Community Climate Change Centre

Panellists:

- Mr. Jehu Wiltshire, Permanent Secretary, Division of Energy and Telecommunications, Barbados

- Mr. Fitzroy Vidal, Principal Director, Energy, Ministry of Science, Energy and Technology, Jamaica
- Mr. Vincent Piron, Managing Director of International Development for CNR (Compagnie Nationale du Rhône- ENGIE Group subsidiary)
- Mr. Cipriano Marin, Secretary General of UNESCO Centre of the Canary Islands

15.00 – 15.30 COFFEE BREAK

Eastern Foyer

15.30 – 17.00 THREE PARALLEL WORKSHOPS

1) Regulatory framework for renewable energy and energy efficiency Room Bougainvillea

Moderator:

- Mr. Roland Schaefer, Director for Americas, European External Action Service

Setting the scene - presentations by:

- **The state of the regulatory environment in the Caribbean** - Mr. David Geddes – Executive Director of the Organization of Caribbean Utility Regulators (OOCUR)
- **Best practices from the EU in developing conducive RES/EE regulatory frameworks** – Mr. Harald Proidl, Head of the Department for Renewables at E-Control, the Austrian energy regulatory authority and representative of the Council of European Energy Regulators (CEER)

Panellists:

- Mr. Thomas Hodge, Executive Director of CARILEC (Caribbean Electric Utility Services Corporation)
- Mr. Glenn Khan, Executive Director Independent Regulatory Commission, Dominica
- Dr. Didacus Jules, Director General, Organisation of Eastern Caribbean States (OECS)
- Mr. Fernando Ferreira, Executive Secretary, Latin America Energy Organisation (OLADE)

2) Financial mechanisms and investment opportunities

Room Frangipani

Moderator:

- Ms. Jolita Butkeviciene, Director for Latin America and Caribbean, Directorate-General for International Cooperation and Development, European Commission

Setting the scene - presentations by:

- **Financing the investment gap – how much is needed and how to bridge it?** - Ms. Tessa Williams-Robertson, Head of Renewable Energy Unit, Caribbean Development Bank
- **Financing instruments of the European Commission** - Ms. Henriette Geiger, Directorate-General for International Cooperation and Development, European Commission

Panellists:

- Mr. Bernhard Zymła, Head of Energy and Transport Sector, Deutsche Gesellschaft für Internationale Zusammenarbeit GIZ
- Ms. Malaika Masson, Energy Specialist, Inter-American Development Bank (IDB)
- Mr. David Clee, Managing Director, First Caribbean International Bank, Barbados
- Mr. Frederik van den Bosch, CEO, European Development Finance Institutions Management Company

3) Technology, innovation and cooperation

Room Poinsettia

Moderator:

- Dr. Graham King, Faculty of Engineering, University of West Indies, Trinidad

Setting the scene- presentations by:

- **Regionally appropriate technologies** - Mr. Al Binger, Interim Director, Caribbean Centre for Renewable Energy and Energy Efficiency (CCREEE)
- **Case study of integrated technology approach (Horizon 2020 TILOS project)** – Mr. Stefanos Garyfalakis, CTO, EUNICE Energy Group

Panellists:

- Mr. Robert Zeiner, Director, representing the Ministry of Foreign Affairs, Austria
- Mr. Martin Lugmayr, Sustainable Energy Expert, Climate Policy and Networks Division – Energy Department , United Nations Industrial Development Organization (UNIDO)
- Mr. Ernesto Macias, President, Alliance for Rural Electrification (ARE)
- Dr. Manuel Cendagorta, Director ITER (Instituto Tecnológico y de Energías Renovables)
- Dr. Devon Gardner, Head of Energy Unit, CARICOM Secretariat

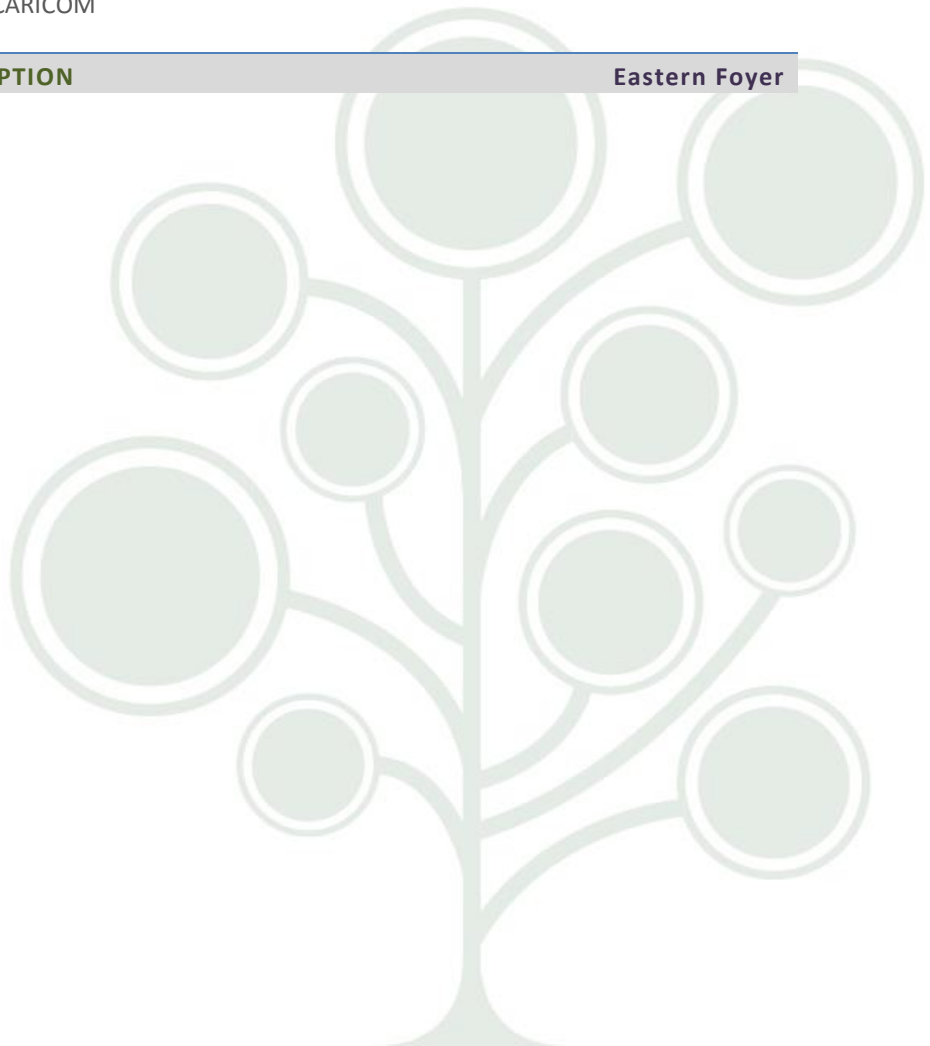
17.00 - 18.00 WRAP-UP DAY 1 AND CONCLUSIONS

Room Frangipani

- **Closing remarks by the European Commission** - Ms. Jolita Butkeviciene, Director for Latin America and Caribbean, Directorate-General for International Cooperation and Development, European Commission
- **Closing remarks by CARIFORUM** –Dr. Percival Marie, Director General, CARIFORUM Directorate – CARICOM

18:30 - 20:00 COCKTAIL RECEPTION

Eastern Foyer



TUESDAY, 11TH OCTOBER 2016

BUSINESS OPPORTUNITIES FORUM

BUSINESS-TO-BUSINESS MEETINGS THROUGHOUT THE DAY

Business Lounge

09.00 - 09.30 OPENING

Room Frangipani

- Ms. Jolita Butkeviciene, Director for Latin America and Caribbean, Directorate-General for International Cooperation and Development, European Commission (tbc)
- Ms. Pamela Coke Hamilton, Executive Director, Caribbean Export Development Agency

09:30 – 10.30 MOBILISING INVESTMENTS IN SUSTAINABLE ENERGY

Room Frangipani

Moderator:

- Ms. Lisa Gale, Executive Director, Barbados Chamber of Commerce

Panellists:

- Mr. Ralph “Bizzy” Williams, CEO, Williams Industries, Barbados
- Mr. Baajnath Sirinath, Senior Advisor to the Chairman, Massy Energy Limited
- Mr. Oliver Schafer, President, Solar Power Europe
- Mr. Ernesto Macias, President, Alliance for Rural Electrification (ARE)

10.30 - 11.00 COFFEE BREAK

Eastern Foyer

11:00 – 12:30 EU FUNDING INSTRUMENTS

Room Frangipani

Presentations:

- **EU funding instruments, including the EU Electrification Financing Initiative ‘ElectriFI’ and the Caribbean Investment Facility** – Ms. Ekaterina Bakalova and Mr. Federico Berna, Directorate-General for International Cooperation and Development, European Commission
- **ElectriFI practical information and Q & A** – Mr. Frederik van den Bosch, CEO, European Development Finance Institutions Management Company

12.30 - 13.30 LUNCH

Tiffany Dining Room



13.30 – 15.00 PARALLEL PANEL DISCUSSIONS ON BUSINESS & INVESTMENT OPPORTUNITIES

TRACK 1: Utility-scale renewable energy, interconnection and network expansion

Room Frangipani

Session 1.1: Generation

- **Moderator:** Mr. Pierre Tardieu, Deputy Director for Public Affairs, Wind Europe
- **Scene setter:**
 - **Overview of investment opportunities in RES generation**
Mr. Joseph Williams, Energy Advisor, Caribbean Development Bank
- **Panellists**
 - **Utility investment opportunities and plans for Barbados till 2027-**
Mr. Roger Blackman, CEO, Barbados Light & Power
 - **Private investment opportunities in wind energy- Case study: Wind farm in Bonaire-** Mr. Farid Mohamadi, Manager of Sales Central America, ENERCON
 - **Overhauling the banking system to unleash financing opportunities for renewable energy –** Mr Trevor Brathwaite, Deputy Governor Eastern Caribbean Central Bank (ECCB)
 - **The potential and opportunities for off-grid solutions –** Mr. Javier Jódar Bardon, Business Development Offgrid, GAMESA
 - **Marine renewable energy technology: the case for Ocean Thermal Energy Conversion (OTEC)-** Mr. Remi Gruet, CEO, Ocean Energy Europe
- **Discussion**

TRACK 2: Distributed generation, energy services, energy efficiency and innovative uses of renewable energy

Room Bougainvillea + Poinsettia

Session 2.1: Energy services and energy efficiency

- **Moderator:** Mr William Hinds, Senior Energy Officer, Ministry of Telecommunications and Energy, Barbados
- **Scene setter:**
 - **Barbados experience with distributed generation and energy efficiency:** Mr. Jerry Franklin, deputy Chairman, Barbados Renewable Energy Association (BREA)
- **Panellists**
 - **Energy efficiency as a forerunner to renewable energy-** Mr. Andre Escalante, Caribbean Energy Efficiency Independent Expert
 - **Independent power producers: feed-in tariff models for the region–** Mr. Gary Jackson, Empowered Caribbean Communities, Jamaica
 - **Grid integration with PV systems –** Dr. Bernie Jones, Project Co-Leader Smart Villages
 - **Smart Grids–** Mr. Ruurd Schoolderman, Strategic Advisor Energy, TNO, The Netherlands
 - **Renewable energy solutions for small island projects-** Mr. Andrea Necci, Engineer, Terna
- **Discussion**

15.00 - 15.30 COFFEE BREAK

Eastern Foyer

15.30 - 17.00 PARALLEL PANEL DISCUSSIONS ON BUSINESS & INVESTMENT OPPORTUNITIES (CONTINUED)

TRACK 1- Utility-scale renewable energy, interconnection and network expansion (continued)

Session 1.2: Regional interconnection

- **Moderator:** Mr. Harald Proidl, Head of the Department for Renewables at E-Control, the Austrian energy regulatory authority and representative of the Council of European Energy Regulators (CEER)
- **Scene setter:**
 - **Possible interconnections in the Caribbean Islands:** Dr. Devon Gardner, Head of Energy Unit, CARICOM Secretariat
- **Panellists**
 - **The case of sub-sea cable technologies for interconnecting islands-** Mr. George Georgallis, Cable Engineering & Marketing Manager, Hellenic Cables, Greece
 - **Opportunities and potential for land-based regional interconnections -**Mr. Ambrose Tillett, Energy Director, Ministry of Public Service, Energy and Public Utilities, Belize
 - **Geothermal and the economic opportunities in St. Vincent with connection to Barbados-** Mr. Ellsworth Dacon, Energy Director, Government of St. Vincent & the Grenadines
 - **Interconnection between Trinidad and Guyana –**Mr. Donald Baldeosingh, President, ENMAN Group
 - **Overview of the ocean potential of the region and possibility of interconnection -** Mr. Ian Johnstone, Senior Consultant. Head of Onshore Technology & Community, Aquatera Ltd
- **Discussion**

TRACK 2- Distributed generation, energy services, energy efficiency and innovative uses of renewable energy (continued)

Session 2.2: Innovative uses of renewable energy

- **Moderator:** Mr. Al Binger, Interim Director, CCREEE
- **Scene setter:**
 - **Building human capacity for RES: from policy makers to technicians needed -** Mr. Glynn Morris, Project Manager, GIZ-REETA
- **Panellists**
 - **Small storage technologies: potential and business opportunities (buildings)-** Mr. Edmundo Gil-Tavarez, Professor, CINTEC – INTECT University, Dominican Republic
 - **Business opportunities for powering mobile devices with renewable energy-** Mr. Robert Wright, Director of CCREEE & President of Jamaican Solar Energy Association
 - **Seawater air conditioning: A route to energy security, energy efficiency and sustainability for large hotel and tourist resorts in Caribbean Islands-** Mr. Patrick Maio, CEO, HINICIO, Belgium
 - **Rural electrification using PV –** Mr. Horace Williams, CEO, Hinterland Electrification Co. Inc., Guyana
 - **Solar Thermal air-conditioning –** Mr. Christian Holter, S.O.L.I.D., Austria
- **Discussion**

17.00 - 17.30 WRAP-UP DAY 2 AND CONCLUSIONS Room Frangipani

- **Closing remarks by the European Commission** - Ambassador Daniela Tramacere, Head of Delegation of the EU to Barbados, the Eastern Caribbean, OECS, and the Caribbean Community
- **Closing remarks by CARIFORUM** – Dr. Devon Gardner, Head of Energy Unit, CARICOM Secretariat

17:30 - 18.30 NETWORKING RECEPTION Eastern Foyer

BUSINESS-TO-BUSINESS MEETINGS THROUGHOUT THE DAY Business Lounge

