



# **REGIONAL WORKSHOP ON RESEARCH, DEVELOPMENT AND CAPACITY BUILDING TO SUPPORT RENEWABLE ENERGY DEVELOPMENT IN THE CARIBBEAN**

*“TOWARDS INCREASED ENERGY SECURITY AND SUSTAINABILITY”*

**Royal Ballroom, Torarica Hotel**  
Paramaribo, Suriname  
19-20 October 2011



## **PROGRAMME**



## Day-1: Wednesday, 19<sup>th</sup> October 2011

### OPENING

**8:00-8:30 a.m**

**Registration**

**8:30 am**

**Opening Remarks**

Dr. Alston Stoddard, Project Manager, Caribbean Renewable Energy Capacity Support (CRECS) Project, Caribbean Community (CARICOM) Secretariat

**8:35 am**

**Welcoming Remarks:**

Dr. Ryan Sidin, President of the Board, Anton de Kom University of Suriname

**8:50-9:20 am**

**Remarks:**

- ❖ Dr. Dunja Hoffmann, Advisor Renewable Energy, German Agency for International Cooperation (GIZ)
- ❖ Ms. Esmeralda Hernandez Aragonés, Chargé d'Affaires, European Union (EU) Delegation in Suriname
- ❖ Amb. Albert Ramdin, Assistant Secretary-General, Organization of American States (OAS)
- ❖ Mr. Joseph Williams, Programme Manager, Energy, CARICOM Secretariat on behalf of Secretary-General, CARICOM

**9:20-9:40 am**

**Key Note Address:**

Hon. Jim Hok, Minister of Natural Resources, Suriname

### SESSION 1: CONTEXT

***Overview of the Energy Situation in CARICOM and Role of RE Development “Towards Increased Energy Security and Sustainability”***

**9:40-**

**10:15 am**

**Presentations:**

**Case for R&D and Capacity Building:**

- *Overview of Energy Situation; Challenges for Sustainable Energy Development; Need for a Strategic Approach to Capacity Building, Research and Development to Support RE Development*
- *Overview Regional RE Project CREDP to CRECS – **CARICOM Secretariat***

**Overview of Sustainable Energy Development in Suriname – Ministry of Natural Resources, Suriname**

### **COFFEE BREAK**

**10:15-**

**10:30am**

## Day-1: Wednesday, 19<sup>th</sup> October 2011 – (Cont'd)

### **SESSION 2: MAPPING AND INVENTORY**

**Chair:** Anton de Kom University of Suriname

***Current and Planned Research, Development and Capacity Building Efforts Universities, Colleges, Research Institutions in CARICOM and wider Caribbean***

**10:30 am -  
1:00pm**

**Presentations A:**

*Universities, Colleges and Other Institutions In CARICOM*

**1:00 –  
2:00pm**

**LUNCH BREAK**

**Luncheon Address** – *Chief Executive Officer, NV EBS*

**2:00 –  
2:20 pm**

**Presentations B:**

**Innovation and IDEAS Initiative**

*Mr. Ben Good, CEO, Global Village Partnership (G-VEP) International*

**RE Programme at UWI supported under CRECS Project**

*Dr. Indra Haraksingh - University of The West Indies*

**2:20 -  
4:00pm**

**Presentations C:** *Universities, Colleges, Research Centres, Regional Institutions, Development Partners - in CARICOM and the Wider Caribbean*

**4:00 –  
4:15 pm**

**COFFEE BREAK**

**4:15 –  
4:45 pm**

**Open Discussion/ Questions and Answers**

<b>Day-2: Thursday, 20<sup>th</sup> October 2011</b>	
<b>8:30-8:40am</b>	<b>Summary of Outcome of Day-1 &amp; Context for Day-2 - <i>Facilitator</i></b>
<b><u>SESSION 3: INDUSTRY'S PERSPECTIVE</u></b>	
<b>8:40 – 8:55 am</b>	<b>Presentation:</b> C-SERMS and Creating Market Conditions to Provide Demand Pull for RE– <i>CARICOM Secretariat</i>
<b>8:55-10:30 am</b>	<b>Panel Discussion: <i>Industry Perspective - What are Some Key Issues and Challenges to Expanding Use of RE in Industry and What Should be the Priority Areas for Capacity Building and R&amp;D Efforts in CARICOM</i></b> <ul style="list-style-type: none"> <li>❖ CARILEC – Caribbean Association of Electric Utilities</li> <li>❖ Wigton Windfarm Limited, Jamaica</li> <li>❖ Solar Dynamics Limited, Barbados</li> <li>❖ Belize Cogeneration Energy Limited, Belize</li> <li>❖ N.V. EBS (Energiebedrijven), Suriname</li> <li>❖ Scientific Research Council/Caribbean Energy Information System</li> <li>❖ Caribbean Climate Change Centre</li> </ul>
<b>10:30-10:45 am</b>	<b>COFFEE BREAK</b>
<b><u>SESSION 4: STRATEGIC PARTNERSHIPS</u></b> <i>Chair: Dr Leonard Nurse : Caribbean Community Climate Change Centre</i>  <b><i>Establishing and Expanding Strategic Partnerships for Research, Development and Capacity Building to Advance RE in the Caribbean</i></b>	
<b>10:45 – 1:00 pm</b>	<b>Presentations:</b> Existing and Evolving Partnerships – <ul style="list-style-type: none"> <li>❖ Anton de Kom University – Present and Future Partnerships;</li> <li>❖ University of The West Indies – Present and Future Partnerships;</li> <li>❖ Organization of American States (OAS) – Existing Partnership with US Universities and Laboratories; Opportunities under ECPA and Other Initiatives;</li> <li>❖ Latin American Energy Organization (OLADE) – Experiences with Capacity Building and Partnerships</li> <li>❖ University of US Virgin Islands - Present and Future Partnerships</li> <li>❖ EUCARINET – Research and Innovation: EU and Caribbean</li> </ul> <b>Panel Discussion:</b> Strategic Partnerships; Strengthening Existing and Establishing New Ones; Examining the role and scope for Public-Private Partnerships
<b>1:00-2:00pm</b>	<b>LUNCH BREAK</b>

## Day-2: Thursday, 20<sup>th</sup> October 2011 –(Cont'd)

### **SESSION 5: BREAK OUT GROUP DISCUSSION SESSIONS**

**CHAIR: Facilitator**

**2:00 –  
3:00 pm**

#### **GROUP DISCUSSIONS:**

- 1. Establishing and Strengthening the Link with Industry** – How can capacity building and R&D efforts in Caribbean be more responsive to industry's needs; Also examine the feasibility of pursuing a model of industry sponsored research and training- what is required?
- 2. Establishing Strategic Framework for Research, Development and Capacity Building to support RE in CARICOM;** Including structured information sharing and meeting needs of market in a timely manner; Establishing Network for Strategic Partnership; How's; Explore Practical Options building on existing experiences.
- 3. Overcoming Constraints:** Given the geography of the CARICOM Region, diverse energy resources, financial and capacity constraints, is the approach of various countries developing centres of excellence in capacity building and R&D in specific renewable energy technologies (and sustainable energy in general) a feasible one? (Eg. Suriname and Guyana focus on Hydro, Jamaica focus on Wind; Guyana, Belize, Suriname focus on Biofuels; Trinidad and Tobago focus on energy efficiency, geothermal; Barbados on Solar Thermal and Bio-energy);  
What are feasible options for the Region to meet the capacity needs of the market in a timely manner given the realities outlined above?

**Common Discussion Topic (for all groups):** What are feasible financing options and models for RE capacity building, R&D and innovation – Share experiences and identify opportunities

**3:00 –  
3:30 pm**

#### **Summary Presentations from the Groups**

**3:30 –  
3:45 pm**

#### **COFFEE BREAK**

### **SESSION 6: WRAP-UP**

**3:45 –  
4:20 pm**

#### **Questions and Answers**

**Summary and Next Steps:** *Towards Establishment of a Strategic and Rationalized Approach - CARICOM Secretariat*

**4:20 –  
4:30 pm**

**Closing Remarks - Anton de Kom University of Suriname**

