



New Secretary-General of CARICOM


His Excellency Mr. Irwin LaRocque will focus on deepening the Integration process.

Energy is considered to have a significant role to play

His Excellency Mr. Irwin LaRocque was installed on August 15, 2011 as the 7th Secretary General of the Caribbean Community (CARICOM) and has heralded that he intends to focus his efforts on the deepening of the Integration process within the Community. Prior to his appointment, Ambassador LaRocque was the Assistant Secretary-General for the Directorate of Trade and Economic Integration (at the CARICOM Secretariat) under which also falls the Energy Programme. During his address at the inauguration ceremony he noted that, while the CARICOM Single Market and Economy (CSME) is of major importance in the integration process, the integration process involved other issues and sectors. He also pointed out that there remains a need for greater focus on functional cooperation in building a Community for All.

In an earlier interview, Secretary-General LaRocque noted that “the future of the Region lies with integration” as it is difficult for individual countries to 'go it alone', to take on the onslaught from the larger world, therefore the more the Region can do together to serve their development, the better for all. Continuing this theme, in his inaugural address, he further observed that “while much has been achieved in our integration endeavors, and while much more needs to be achieved, the people of our Region seem not to be fully aware of these

achievements or of the vision which we are pursuing”. Therefore, public education and communication will, of necessity, be among his priorities, “since, if the people of the Region are properly informed of the benefits to be derived nationally from integration, CARICOM will more readily find its place on the national agenda”.

The CARICOM Energy Unit joins with the rest of CARICOM Secretariat and indeed the Community in extending congratulations and best wishes to Ambassador Irwin LaRocque in his new role. Given the critical role of energy in the process of economic development, it is anticipated that the energy agenda will continue to be a key component of the efforts to further deepening of the integration process in CARICOM. On the matter of public education and communication, based on the general feedback from Member States,  Energy has been making a contribution towards increased communication on the benefits of integration in energy sector and what can be achieved through targeted functional cooperation.



*Ambassador Irwin LaRocque
Secretary-General CARICOM*

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CARICOM ENERGY WEEK 6-12 November 2011:

Platform For Engagement and Awareness Building On National and Regional Energy Matters



**Joseph Williams, Programme Manager,
Energy, CARICOM Secretariat**

Alas! The Inaugural CARICOM Energy Week is upon us. Back in March of this year when the CARICOM Energy Ministers endorsed the idea of a CARICOM Energy Week to be celebrated during week of November 6-12 2011, it seemed that we had much time to coordinate and assist Member States to get on board with idea. However, time seemed to have slipped by very quickly, and within a few weeks it will be CARICOM Energy

Week which is being staged as a series of concurrent National Energy Weeks most Member States during November 6-12, 2011.

Thanks to the Focal Points in Member States for their active participation to-date and to Ms. Maxine Nestor (Energy Policy Advisor at CARICOM Energy Unit) for her active role in coordinating among Member States. We are heartened that 14 of the 15 Member States have submitted proposals or will actively participate to hold National Energy Week events as part of this CARICOM Energy Week. This year, Barbados will celebrate their energy week during Week of October 9-15, inter alia, to coincide with that country's hosting of the Caribbean Renewable Energy Forum. Hopefully Barbados will synchronize with the rest of countries in subsequent years.

Energy Week is being promoted under one visual identity of a CARICOM Energy Week Logo which features national identities. This logo has been designed, developed and agreed upon by Focal Points. There is no common Regional theme for Energy Week as Member States have determined their own theme based on their concept using a bottom-up approach. However, the general regional theme of *Clean, Low Carbon,*



Meaning of the Energy Week Logo

"Standard Interlocking C's represents CARICOM and the regional approach for staging Energy Week, that is, to foster greater impact and synchronization so that the message could be communicated more clearly and effectively. This is emphasized with the words 'CARICOM Energy Week' at the bottom.

National Standard conveys the message of national ownership and individuality for Energy Week plans and activities.

The coloured pyramids signify:

- 'black' - 'oil';
- 'yellow' - 'solar';
- 'grey' - 'geothermal';
- the 'white spaces' - 'wind'.
- 'purple' - 'natural gas';
- 'green' - 'biomass';
- 'blue' - 'hydro' and

Layout of colour shows the future outlook for the region where the renewables will in the long term overtake utilization of fossil fuels. Accordingly, the renewables are superimposed over the fossil fuels to show dominance with all renewable sources having equal measure in view of the different priorities of the Member States. With regard to the two fossil fuels, natural gas as an intermediary is shown as having dominance over oil.

Swirl effect of renewables depicts that the energy sources will be harnessed in a manner that allows for efficiency in the supply and end use of energy."



Sample Energy Week Logos

Sustainable and Secure Energy Future, has emerged. The National Energy Week themes are reflective of the issues and goals at national level. From these, CARICOM Energy Week provides a platform for national dialogue on significant burning issues, towards robust policy. Member States developed a programme of activities for Energy Week and will receive funding through some regional sustainable energy initiatives to support the implementation of such activities. It is expected that a major focus of energy week will be on increasing awareness of citizenry in relation to them becoming better stewards in the utilization of various forms of energy. Energy Week will also seek to increase awareness about the important role for clean, and renewable energy in the context of global trends and the



realities in CARICOM. Also, the cost savings benefits to be had from increased energy efficiency and the use of alternatives will be focused. Increased energy awareness is a critical input for overcoming barriers in the areas of capacity, financing and policy. Therefore, general information about the energy options available and about being better stewards in the use of energy are very good and cannot be over-emphasized. It is hoped that Energy Week will also provide an important platform for engaging key stakeholders and establishing dialogues on the many challenging aspects of energy policy options for Member States.

Since CARICOM policy makers have generally agreed that the status quo is not tenable for many Member States and that all CARICOM countries need to move towards greener, cleaner low carbon futures, then it is important that a consensus is built among the citizenry so that the necessary actions can be adopted in a timely manner. In some Member States, the difficult decision surrounds diversifying the energy supply mix to include Natural Gas as a significant part. In others, the issue of achieving

greater contribution of renewables (and the implication for reforms especially in the electricity market as well as for the legislative and regulatory frameworks to make this a reality), will be relevant. In almost all territories, the issue of the cost of alternatives and the incentives required need to be addressed frontally. Admittedly, this latter needs to be attended by significant analyses relevant to particular territories, but dialogues in the context of energy week activities can begin to focus attention on the areas which need to benefit from rational examination to better inform policy.

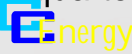
Energy Week provides opportunities to sensitize youth and older ones on their role in shaping the energy future suited to their national development. It provides an opportunity to better understand the links between the energy sector and other critical sectors of the national economy including poverty reduction and climate change. It provides a window for financiers, engineers, architects, builders, planners, researchers, environmentalists, sociologists, managers, potential investors, and the widest range of professionals, practitioners and actors from private, public and non governmental organizations to be engaged in the process of charting an energy future for their territories and for the CARICOM Region. Finally it is hoped that our development partners will be encouraged to view the institution of the CARICOM Energy Week as a platform to facilitate increased efficiency for use of resources geared towards transforming the regional energy landscape and also allow for greater impact. To this end, CARICOM Secretariat thanks the European Union for resources provided under the CRECS Project (executed by CARICOM Secretariat) and the C-SEP Project (executed by OAS) to support Energy Week activities in Member States as part of the CARICOM Energy Week, and looks forward other partners coming on-board to support CARICOM Energy Week this and future years. The CARICOM Secretariat also wishes to acknowledge the contribution of the CREDP/GIZ to supporting Energy Awareness Week activities in Guyana and St. Lucia in past years.

See additional page 11 for insert on "Summary of National Energy Week Activities Across CARICOM as part of the CARICOM Energy Week Staging."



The Late, Dr. Raymond Wright

Dr. Raymond Wright – passed on: Jamaica's leading energy expert and champion of renewable energy development, passed on in July 2011 after a bout of illness.

Dr. Wright is missed by Jamaica and many in CARICOM Region. He will be remembered for his sterling contribution to Jamaica's energy sector development as well as regional energy sector development especially his contribution to the body of knowledge through his many papers and presentations and his two books on Energy. Dr. Wright was the featured personality of the quarter in Issue #3 of  Newsletter.

President Joseph Michel Martelly

Addressed Haiti's Energy Sector Workshop

Sponsored by CARICOM Secretariat



*His Excellency Joseph Michel Martelly,
President of the Republic of Haiti*

A two-day Energy Sector Workshop aimed at providing a consultation platform among a wide cross-section of stakeholders on energy policy and strategy options for Haiti was held on 26-27 September 2011. Among the approximately 175 participants that attended were representatives of key institutions in the energy sector or those related to the energy sector, international

The following is an excerpt from the speech by President Martelly (Translated in English):

“It is with great pleasure that I hereby launch the activities of this workshop on the energy sector. This sector, due to its



Break-out Session at Haiti's Energy Sector Workshop

utmost importance for the revival of the country, has particularly caught my

The generation and use of energy in our country confront difficulties, very serious ones. How are we to understand that at the beginning of the twenty first century, we are still using charcoal to cook our food? How are we to understand that, to this day, our bakers and dry cleaners still use firewood to operate their ovens and

boilers? How can we conceive that *Electricité d'Haiti*, the state-owned power company in charge of distributing electricity throughout the entire nation, only registers two hundred thousand customers out of a population of over eight million inhabitants?

Thus, we must not be afraid to admit that, as far as energy is concerned, we practically live in the Middle Ages. This situation has disastrous effects on the life of the community and the well-being of the population.

The inconsiderate cutting of trees which results from this situation dramatically depletes our forest cover. Our environment is catastrophically altered and so greatly affected that mere rainfalls transform our streams, rivers and valleys into deadly torrents. Hurricanes destroy and claim, far more than they should, cattle, homes, fields, harvests and human lives.



*President Martelly addressing CARICOM Secretariat Sponsored
Energy Sector Workshop in Haiti – September 2011*

organizations and the development partners community in Haiti. **His Excellency Joseph Michel MARTELLY, President of the Republic of Haiti** addressed the workshop during which he acknowledged the support from CARICOM Secretariat.

attention. Through your thoughts and considerations, I expect you to identify the paths of action from which can be elaborated and implemented a rational, pragmatic policy for the energy sector in Haiti.

We have the immediate and imperious obligation to work to reduce and restrain the causes of our hardships. This can be accomplished first and foremost by our taking urgent and important measures to stop deforestation and restore our plant cover. Alternative energies must also reduce our dependency on charcoal and firewood.

I have dwelled on the matters of Ecology and Environment because it is unbearable that at the onset of the rain and hurricane seasons, many of our brothers and sisters tremble of fear for their lives and their possessions. But at the same time, I grasp the full length of our tardiness to intervene due to the weight of our destitution when it comes to Energy.

We need electrical power all over the country so that more industries can be established everywhere, so that more manpower can be employed, so that there be more light in the homes and on the streets, so that the darkness of moonless nights - which favor crime and lawless acts -dissipate, so that the objectives of distance learning to palliate the deficits of our

educational system become a reality in the daily lives of our youth who are eager to learn.

And we can give ourselves the means to meet our present and future needs for energy. It is comforting to note that some of our landscapes are suitable for the implementation of renewable energy production. We must stop wasting the potential which lies unused in our landfills. Some of our sites are said to be commercially viable for wind farms.

Therefore, Ladies and Gentlemen, it falls on you to reflect upon and offer pragmatic, realistic solutions to our energy problems. These problems cause us much harm and hinder our journey on the road to progress. I am convinced that from your work and discussions will emerge serious and interesting proposals which will in turn yield solutions to our energy problems Such solutions will justify the esteem I show you today by presiding over the opening ceremony of your Workshop.

As for myself, I will endeavor to set up a coherent, enterprising structure for the

Energy sector, one to which will converge all efforts and initiatives, both private and public, in order to imprint upon it a new vitality.

To the four “Es” designated as priority sectors of my presidency —Education, Employment, Environment and Enforcement of the Rule of Law— I will, without hesitation, add a fifth, which is Energy, so that our endeavor fully attains the objectives that have been set.”

Mr. Joseph Williams, Programme Manager, Energy of CARICOM Secretariat brought remarks on behalf of the Secretariat while Ms. Maxine Nestor (Regional Energy Policy Advisor) made a presentation on the process of energy policy formulation.

The Workshop was held as one of the Activities of the EU funded Caribbean Renewable Energy Capacity Support (CRECS) Project funded by the EU and executed by the Energy Unit of CARICOM Secretariat. The CRECS Project is Managed by Dr. Alston Stoddard, Sustainable Energy Specialist



L-R: Dr. Rene Jean-Jumeau (Presidential Advisor Energy), Hon. Jacques Gabriel (Minister responsible for Energy), Mr. Joseph Williams (Programme Manager, Energy, CARICOM Sec), H.E. Joseph Martelly (President of Haiti)



L-R: Dr. Stoddard, CECS Project Manager listens to Dr. Rene Jumeau, Presidential Advisor on Energy

SIDS-DOCK Held First Meeting of National Coordinators

SIDS DOCK is an institutional mechanism established to facilitate the development of a sustainable energy economy within the small island developing states. SIDS DOCK development is being jointly coordinated by the Caribbean Community

2. Providing a vehicle for mobilizing financial and technical resources to catalyze clean economic growth;
3. Provide SIDS with a mechanism for connecting with the global carbon market and taking advantage of the resource

transfer possibilities that will be afforded; and

4. A mechanism to help SIDS generate the financial resources to invest in climate change adaptation.



Section of Meeting



Prof. Al Binger, Consultant and Conceptualizer of SIDS-DOCK

Climate Change Center (CCCC) and the Secretariat of the Pacific Regional Environment Programme (SPREP), with oversight from a Steering Committee comprised primarily of AOSIS Ambassadors to the United Nations and technical experts.

SIDS DOCK held its inaugural National Coordinators Meeting on July 27-28, 2011 at UN Headquarters in New York. The CARICOM Secretariat represented by Programme Manager-Energy, participated as an Observer. His Excellency Vince Henderson Ambassador/Permanent Representative Permanent Mission of the Commonwealth of Dominica to the United Nations and Chairperson of the SIDS DOCK Steering Committee presented an 'Overview and Purpose of the Meeting and Expected Outcomes.'



Break-out Session CARIBBEAN SIDS Identifying Priority Projects for Funding in First Phase

The ultimate goal of SIDS DOCK is to increase energy efficiency by 25 percent (2005 baseline) and to generate a minimum of 50 percent of electric power from renewable sources and a 20-30 percent decrease in conventional transportation fuel use by 2033, some SIDS have announced more ambitious goals.

SIDS DOCK has four principal functions:
1. Assisting SIDS with developing a sustainable energy sector, increasing energy efficiency and development of renewable energy resources;



Group Photo of many of attendees at the SIDS DOCK 1st National Coordinators Meeting in NY July 2011

Eucarinet

Energy Programme Manager, Joseph Williams participated in EU CARINET, Caribbean thematic priority setting Workshop on "Research and innovation in energy" held at Université des Antilles et de

Thermal, Wind, Geothermal and Bio-energy. A number of specific areas for possible research in renewable energy were identified.

EUCARINET is a four year Coordination



la Guyane, Pointe-à-Pitre, Guadeloupe, 6-7 July, 2011. Other participants from the CARICOM included University of West Indies lecturer Dr. Indra Haraksingh (UWI St. Augustine) and Dr. Claude Martin McNamarah. (UWI Mona). Some priority areas identified were Solar PV, Solar

Action, the main goal of which is to strengthen bi-regional sustainable policy dialogue on science & technology between EU Member States, Associated States and in the Caribbean Region, the Caribbean ACP States, the overseas Departments and Collectives, the Overseas Countries and

Territories (OCTs). The Project works at policy, programme and institutional (research entities) level and contributes to the following Objectives:

- Create the conditions of the sustainable multi-stakeholders policy dialogue on science & technology between EU, its Member States and the Caribbean Region.
- Foster inter-regional (EU-Caribbean) and intra-regional cooperation in leading to the identification and prioritization of common research areas of mutual interest and benefit.
- Stimulate and support the participation of Caribbean Research stakeholders in FP7 with a first emphasis on 'People Programme'.

The project consortium includes 12 partners: 6 from the EU and 6 from the Caribbean, representing stakeholders from research, industry, government and civil society, that will ensure the fulfillment of EUCARINET's objectives. EUCARINET is considered a useful vehicle for enhancing policy dialogue in research and development and innovation in Energy.

CARILEC STAGED FIRST RENEWABLE ENERGY FORUM



Dr. Gary Jackson, Executive Director CARILEC Addressing opening ceremony

possible only with reform of the electricity sector to remove monopoly on generation. CARICOM Energy Programme congratulates the CARILEC on the demonstrated leadership in staging this event in which the Energy Programme of CARICOM Secretariat was happy to have

participated and provided important regional perspectives and insights in overcoming critical barriers and views on what is required to take the region to the next level.



Panel at the Town hall Meeting; L-R: Mr. Joseph Williams, PM Energy CARICOM Sec; Mr. K. Knight, (VI Energy Office); Mr. O. Jackson Sustainable Systems); Dr. V. Ajodhia (KEMA), Ms. C. Goudin (IFC)

In September 2011, the Association of Caribbean Electric Utilities (CARILEC) held its first Renewable Energy Forum. This is considered to be a significant development in the context of the perception that many electric utilities are generally not enthusiastic about renewable energy, especially since wide-scale deployment of RE is considered to be



CREF | 2011

HILTON BARBADOS
 BRIDGETOWN, BARBADOS
 OCTOBER 12-14, 2011

Caribbean Renewable Energy Forum (CREF) will be held 13-14 October 2011 at the Hilton Hotel, Barbados and is being co-hosted by the Government of Barbados. The Hon. Freundel Stuart, Q.C., M.P., Prime Minister, of Barbados will bring the keynote address.

As the single largest gathering on Renewable Energy in the wider Caribbean, CREF is seen as an important platform for promoting CARICOM Energy Programme Objectives and RE development in Region. Through the Energy Programme the CARICOM Secretariat participates on the CREF Board of Advisors

CARICOM Secretariat will participate in CREF 2011 through presentations and also to spearhead two initiatives:

- *Floating of a concept on Regional RE Investor/Developer/Financier Information Clearing and Match-making Facility within the framework of the Energy Programme. In this regard a presentation will be made in the CREF on 13 October 2011.*

- *Informal Dialogue on the Establishment of a Caribbean Geothermal Development Drill Risk Fund. This Dialogue is being supported by the French (and Organization of American States (OAS).*

The aim is to advance recommendations under the GeoCaribes Project for the establishment of such a Fund to facilitate geothermal development in the Eastern Caribbean. This is in keeping with a Mandate of the Special COTED on Energy that the CARICOM Secretariat advance efforts towards cross-border transmission of electricity in the Eastern Caribbean. The Informal Roundtable Dialogue will be held on 11 October 2011 at Hilton as a pre-conference event.

In addition the CARICOM Secretariat Energy Programme will participate in OAS sponsored Dialogues on 12 October 2011 on C-SEP Project and ECPA Initiatives.

... FIRST RENEWABLE ENERGY FORUM

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Inter alia the Forum is considered a significant step in establishing the electric utilities' positive position on renewable energy development in the Region.

In explaining the rationale for the Forum CARILEC indicated that it recognizes that as an organization comprised of regional (CARICOM and wider Caribbean) electric utility companies, Independent Power producers, manufactures, suppliers; it has a significant role to play in the development of the region's power sector given the importance of the sector to the growth and development of a nation. The forum is part of the broad strategy of the Association, which aims to explore the future of renewable and alternative energy so as to meet the regions' future needs and achieve sustainable development. CARILEC recognizes that renewable energy can contribute significantly to the sustainable development of the region's energy landscape.

The forum provided a platform for energy leaders and experts to exchange views on emerging regional and global issues related to energy policies, programmes, technologies and investment opportunities. The Forum was attended by a wide cross-section of representatives drawn from electric utilities, financiers,

researchers, CARICOM Energy leaders, officials, planners and energy experts from government and private sectors, international organizations and academia. A town hall meeting was also hosted under the auspices of the Forum and the local electric utility. The CARICOM Secretariat was also invited to participate and to provide regional perspectives.



Section of the audience at the Town Hall Meeting on RE in St. Thomas US Virgin Island



Regional Workshop on Research, Innovation and Capacity Building to support Renewable Energy is scheduled for Suriname 19-20 October 2011.



A Regional Workshop on Research and Development and Capacity Building to support RE has been organised by the Caribbean Community (CARICOM) Secretariat in collaboration with the Anton de Kom University of Suriname, with the support of the European Union, EUCARINET, Organization of American States and GIZ. This workshop will be held 19-20 October 2011 in Suriname. This Workshop seeks to establish a dialogue and to share information among Caribbean tertiary educational institutions that are engaged in (or plan to engage in) research,

establish RE targets and strategies towards expedited transformation of the Regional Energy Sector.

The main focus of the Workshop is on CARICOM Universities, Colleges and Research Institutions that already have RE programme offering(s) or have the potential to develop RE programme offerings or are engaged in R&D related to RE. It is recognized, however, that there are opportunities for advancing the overall objectives for strategic partnerships and for sharing of

in the various Universities in the Region;

- *facilitate a dialogue towards a rationalized, strategic and coordinated approach to advancing research, development and capacity building to support RE development;*
- *establish a network among universities in CARICOM, as well as the wider Caribbean and beyond involved in RE research, development and training;*
- *identify currently available technical and financial assistance opportunities and support at the hemispheric level and global level to support initiatives; and*
- *identify mechanisms for establishing dynamic links between research and development efforts in universities and industry for mutual benefits.*



development (R&D) and capacity building in the RE field. This workshop is being staged as part of the implementation of the Caribbean Renewable Energy Capacity Support (CRECS) Project. The Workshop is also being convened as part of an effort to establish a strategic approach within the context of the mandate from the CARICOM Heads of Government to develop the Caribbean Sustainable Energy Roadmap and Strategy (C-SERMS) which seeks to

experiences among the wider Caribbean, regional energy organizations and with industry. To this end, a wide cross-section of participants have been invited.

The key objectives of the Workshop are to:

- *identify all existing and planned renewable energy research and development efforts (scope and focus), and programmes offered*

The first day (Day-1) of the Workshop will be devoted to mapping existing RE training, research, development and capacity building efforts.

The second day (Day-2) of the workshop will be devoted to developing a better understanding of the existing and potential capacity building and R&D needs towards identifying approaches to bolster existing responses, as well as, to begin the process of a strategic regional approach. Also, existing partnerships will be identified and options for expanding same and developing new ones to support the objectives explored.

UWI-Cave Hill and BioJet International Initiate Research and Commercial Biofuels Partnership

In July 2011, the University of the West Indies Cave Hill Campus in Barbados, and BioJet International, Ltd. jointly announce a biosciences research and commercial partnership. BioJet International Ltd (www.biojetcorp.com) is a leading global supply chain integrator for renewable jet fuel and related products for the aviation and transportation industries, that include renewable jet fuel, Green diesel, feedstock oil and feedstock co-products.

As part of the agreement, BioJet will fund research at UWI-Cave Hill leading to discoveries and commercialization of biofuels and other renewable energy, and the creation of the UWI/Biojet International Biofuel Research Institute.

The partnership is intended to develop UWI-Cave Hill's capacity for research into renewable energy technologies, whether from plant, waste biomass or algae, as well as new graduate careers in energy biosciences, and those pertinent to the logistics and supply chain management of biofuel distribution.

Sir Hilary Beckles, Principal of Cave Hill campus of the UWI observed that “this agreement is one of the cornerstone science and technology projects that will undergird the transformation of our campus and the region with new career options, and serve as knowledge based platform for the creation of wealth through bioenergy research.”

An equitable sharing of intellectual property outcomes from research into microalgae for the production of biofuels and derivatives is part of the agreement.

Mitch Hawkins, CEO of BioJet said, “We operate throughout the entire biofuel value chain and research is key to all aspects of our global competitiveness. The Caribbean is a major area of interest for our Company and we see UWI-Cave Hill as a valuable partner in the future success of our operations. The July 1st approval of ASTM International allowing 50 percent blends of aviation biofuel derived from feedstocks such as camelina, jatropha and microalgae, is a game changing decision for the worldwide transportation industry and opens up tremendous opportunities for both UWI and Biojet International.”




Dr. Anthony Fisher – Head Of UWI Cave Hill External Relations Programme; Responsible for Biofuels Partnership

Congratulations



Dr. Mahender Sharma

 and the CARICOM Energy Programme extend congratulations to Dr. Mahender Sharma, Chief Executive Officer of the Guyana Energy Agency, who recently completed a Doctor of Management Degree in Organizational Leadership through the University of Phoenix. Dr. Sharma's Dissertation titled, “Critical Success Factors for Sustainable Electric Power Sector Structures of Developing Nations: A Delphi Study”, used the Delphi research method to arrive at critical success factors that may lead to sustainable electric power sector structures for developing nations. The knowledge on the critical success factors that may lead to sustainable electric power sector structures for developing nations will be useful to policy makers, decision-makers, leaders, managers, chief executive officers, executives, chairmen, economists, electric utility operators, regulators, funding agencies, scholars, business executives, energy experts, government executives, and other parties involved in the electric power sector of developing nations.

In addition to his sterling leadership and management at the Guyana Energy Agency, Dr. Sharma has been a very active and supportive senior energy official in CARICOM being always willing to contribute to regional energy sector activities. Best wishes are extended to Dr. Sharma as he continues to contribute to THE development of Guyana's energy sector as well as the Regional energy sector.

SUMMARY OF NATIONAL ENERGY WEEK ACTIVITIES ACROSS CARICOM AS PART OF CARICOM ENERGY WEEK

ANTIGUA AND BARBUDA	Televised National Address by the Honourable Prime Minister ; TV Panel Discussion (<i>Adoption of Clean Energy within the Caribbean</i>) ; Public Awareness Day; Prime Minister Public Speaking and Debate Competition; Energy Awareness Street Fair ; Field Trip Day for schools
THE BAHAMAS	Builders Show; Radio Quiz shows; Public Information on National Energy Policy, Sawyer Report ; Exhibition; Review of Energy Audit; Energy Conservation Forum and appointment of Officers; Assessment of CFL Project and disposal programme ; Launch of Solar Water Heating Project, Photovoltaic and Meeting ; Lecture on 'Alternative Energy'; School Trip
BARBADOS (In 2011 Energy Week Will Be Oct 10-15)	Church service. Morning TV shows.; Radio programme appearances of energy division Supplement in newspaper; Private sector ads interviews; Town Hall meeting on Sustainable Energy programmes a) Smart fund b) SEFB etc.; Bus tours - geological tours; Open house for various renewable energy projects i.e. Government Solar House, Local utility, biogas difestor(s), other solar houses etc; Renewable energy short documentary on TV; RETScreen training course; Caribbean RE Forum/Confere nce
BELIZE	Official Launch of Energy Week; Panel Discussion (no topic stated); Exhibition; Media Tour and Advertisement of EAW Events ; Annual Science Fair; Tour of RE facility
DOMINICA	Interactive Media Discussion - airing of several radio and TV programmes to increase the public's knowledge on the benefits and use of energy. Will be done in the form of panel moderated discussions of one hour duration. The public wi ll be invited to ask questions; Distribution of Flyers and Posters on RE and EE. Includes newspapers supplement and airing of video documentary. Poster competition for Schools; Energy Seminar and Exhibition; Community Meetings; Power Point Presentations to students of Grades 4 & 5.
GRENADA	RE Project Competition involving Secondary Schools; Jingle Competition - general public; Newspapers Supplement on Energy Week Programme; Energy Conservation tips via radio and daily radio quiz; Television Programme to disseminate information to the public; Panel Discussion on RE potential; Energy Awareness Day for primary and pre-schoolers; Radio discussion; Seminar for drivers on vehicle purchase, usage and maintenance; KILL-A-WATT DAY - Competition, exhibition, presentation of prizes, newspaper supplement
GUYANA	Moderated Interactive Discussion and TV Quiz on clean energy; Poster Competition for Schools Energy Seminar and Exhibition; Power Point Presentation to Grades 4, 5 and 6
HAITI	Audio visual campaign including the production of audios and vides, flyers, brochures, publication of audios and videos, newspaper advertisement and Web page production; Newsletter production; Opening Ceremony; Exhibition and Presentations; Essay Competition; Audio visual documentary film competition; Closing Ceremony
JAMAICA	Lunch time Presentations; After Work Seminars; Workshops; Competition and Quizzes Exhibitions; Breakfast Meetings; Science Fair
MONTSERRAT	Radio Quiz; TV and radio promotion on energy conservation; Posters
SAINT LUCIA	School Essay Competition; Lectures for Primary Schools; Production of Youth Oriented Magazine Energy Awareness Week Supplement; Advertorial Series; Renewable Energy Exhibition; Secondary School Technical Drawing Competition; Productions of Banners; Jingle production; Quiz on radio
SAINT KITTS AND NEVIS	Creation of mailing database and electronic database on energy statistics and information ; Public awareness campaign involving the media; Radio discussion on energy conservation and electricity tariffs; Meetings with stakeholders; Distribution of energy brochure and newsletter to schools; Creation of jingle on energy conservation; Poster competition for primary schools; Logo Competition for Secondary Schools; Energy Awareness Fair
SAINT VINCENT AND THE GRENADINES	Interactive TV Discussion; Poster Essay Competition; Seminar / Workshop; Live Radio Discussion
TRINIDAD AND TOBAGO	Host Launch Event; Establish Educational Energy Islands; Develop Mobile RE Technology Caravan Community Energy Week Activities; Nationwide Workshops

UNITED NATIONS LAUNCHES INITIATIVE TO PROMOTE SUSTAINABLE ENERGY FOR ALL, Sep 20 2011

Ahead of International Year of Sustainable Energy 2012

In view of the warning that a lack of access to affordable and clean energy is jeopardizing the achievement of the global targets to combat poverty and disease, Secretary-General of the UN Mr. Ban Ki-moon on 20 September 2011 launched a major new initiative to make sustainable energy universally available. This was also against the background that "Energy is critical for human progress for health, education, job generation and economic competitiveness." A High-Level Group on Sustainable Energy for All, a joint UN-private sector forum in New York has been established by the Secretary General.

The group comprises leaders from business, government and civil society from across the world. By 2030 it aims to achieve universal access to modern energy services, improve energy efficiency by 40 per cent and produce 30 per cent of the world's energy from renewable resources.

Countries will be asked to provide significant new commitments and establish public-private partnerships to spur private investment towards the key targets. "We need to provide access to energy for all. But, we also need to minimize the risks of dangerous climate

change by ensuring that universal energy is clean and sustainable. In short, we need a clean energy revolution - now," Mr. Ban Ki-moon stated.

About 1.4 billion people worldwide are estimated to lack access to electricity, with another billion having to deal with unreliable electricity networks. In total, nearly three billion people rely on solid fuels such as coal or traditional biomass for their basic cooking and heating.

Mr. Ban Ki-moon has requested Dr. Kandeh Yumkella, the Director-General of the United Nations Industrial Development Organization (UNIDO), and United States banking executive Mr.

Charles Holliday to lead the group's preparation of the Global Action Agenda in the lead-up to the UN Conference on Sustainable Development (Rio+20) in Brazil next year.

He said that: 2012, which is also the International Year of Sustainable Energy for All, presents the world "with a historic opportunity" to make progress on this issue. The Secretary-General announced that a "Framework for Business Action" was being developed to help inspire and guide business support for achieving Sustainable Energy for All.

(Source: UN News Centre at <http://www.un.org/news>.)

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*The **Energy** Newsletter is a quarterly electronic publication which aims to increase awareness about issues and developments in the energy sector of CARICOM Member States. It also seeks to provide information on activities under the CARICOM Energy Programme in support of Member States' energy sector development.*

There is a heavy emphasis on sustainable energy development issues, given the importance of these for enhancing the diversification of energy supply towards increased energy security in all Member States, as well as, for increasing their Climate compatibility.

INVITATION TO READERS

wishes to extend an invitation to readers to submit news or relevant articles of interest in relation energy sector developments and in particular, sustainable energy development in their territories.

Upcoming Events

1. 11th Annual Energy Caribbean 2011 Conference, Hilton Hotel, Trinidad & Tobago, 4-5 October 2011.
2. IRENEC 2011, International 100% Renewable Energy Conference & Exhibition, Maltepe Türkan Saylan Cultural Center, Turkey, 6-8 October 2011.
3. Caribbean Renewable Energy Forum (CREF) 2011, Hilton Barbados, Hotel, Barbados, 12-14 October 2011.
4. RE Investors Forum – Margins of CREF, Hilton Barbados, Hotel, Barbados 12-14 October 2011.
5. Regional Workshop on Research, Development and Capacity Building at the University Level to Support RE Development in the Caribbean, Suriname, 19-20 October 2011.
6. OLADE Regional Energy Integration Forum FIER – Panama City, 24-25 October 2011.
7. 9th OOCUR Annual Conference, Accra Beach Hotel, Barbados, 2-4 November 2011.
8. CARICOM Energy Week, 6-12 November 2011.
9. II Energy Efficiency Policy Dialogue in LAC: Towards a Sustainable Financing, Santo Domingo, Dominican Republic, 8-9 November 2011.
10. COP 17 (UNFCCC), Durban, South Africa, 28 November to 09 December 2011.

New Addition to CARICOM Energy Unit

**Project Manager
(C-SERMS)
Sandra Britton**



The CARICOM Energy Unit welcomes Ms. Sandra Britton to the team. Ms. Britton has been appointed Project Manager to support the Caribbean Sustainable

Energy Road Map Strategy (C-SERMS) project with effect from September 05, 2011. Her main responsibility is the management of the C-SERMS project which is being funded by the Inter-American Development Bank.

Ms. Britton has in excess of sixteen(16) years experience working in the energy sector in Guyana and has served in the capacity of National Liaison Officer for two international databases namely Caribbean Energy Information System (CEIS) and Energy Economic Information System (SIEE/OLADE). She has also worked on several projects: national, regional and International projects in the areas of energy and the environment. She holds a Bachelor of Social Science Degree in Management and a Masters of Science Degree in Sustainable Energy Development.

Disclaimer

This Newsletter is distributed for the purpose of keeping stakeholders informed on energy sector developments and issues in the Region. The information contained here is not intended to be relied on for complete and authoritative source. Notwithstanding our efforts to provide up-to-date and accurate information, the CARICOM Secretariat cannot accept any responsibility for the consequences of errors or omissions in the content of this newsletter.

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