



**Innovation in Renewable Energy Conference
“Applying & Developing Renewable Energy Technology
for the Benefit of the Caribbean Region”**

**Venue: Institute of Critical Thinking,
The University of the West Indies,
St. Augustine Campus
Trinidad, 12 & 13 July 2016**

Project Acronym: CAP4INNO

Full Project Title: Knowledge Transfer Capacity Building for Enhanced Energy Access & Efficiency in the Caribbean

Contract Number: FED/2013/320-272

Project Acronym: IPICA

Full Project Title: Empowering Knowledge Transfer in the Caribbean through Effective IPR & KT

Contract Number: FED/2013/330-211



BACKGROUND:

The University of the West Indies is hosting an Innovation in Renewable Energy Conference entitled 'Applying and Developing Renewable Energy Technology for the Benefit of the Caribbean Region' to be held at the Institute of Critical Thinking, St. Augustine Campus on July 12-13, 2016. The Conference is a joint activity of two projects funded by the European Union and implemented by the University of the West Indies in a Consortium of Universities led by the University of Alicante in Spain. The Projects are 'Knowledge Transfer Capacity Building for Enhanced Energy Access and Efficiency in the Caribbean (CAP4INNO)' based at our Cave Hill Campus and 'Empowering Knowledge Transfer in the Caribbean through Effective Intellectual Property and Knowledge Transfer Regimes (IPICA)' based at our St. Augustine Campus.

RATIONALE:

Energy costs in the Caribbean are among the highest in the world, being about three to four times that in North America and Europe. New, more effective and efficient technologies are urgently needed to broaden access to and affordability of energy in the Caribbean. However, the Caribbean has weak innovation systems. Investment in research and development is among the lowest in the world (< 0.02% of GDP). The development of a knowledge-based economy that builds on the output from science and technology to tackle important challenges for Caribbean societies is therefore constrained and in need of urgent support. Higher education and other research organisations are the main sources of knowledge generation and innovation. To enhance the impact of research investment on development, Higher Education Institutions need to work with policy makers to ensure that knowledge is transferred from education and science to society. Beyond this, there is a need to create mechanisms for the development, transfer and diffusion of environmentally sound technologies from more developed to developing countries.

GOALS AND OBJECTIVES:

The main goals of the Conference are to bring together principal stakeholders in the energy sector to exchange ideas and promote effective collaboration on energy access and efficiency in the Caribbean, and to discuss and initiate new ways of working and relating that will create the 'learning alliances' required to further enhance the innovation opportunities critically needed in the renewable energy sector in the Caribbean.

The target audience is expected to consist of persons from energy sector enterprises, governmental organizations active in energy issues, Higher Education Institutions and Research Organisations (research staff and students, managers), Science, Technology and Innovation (STI) policy makers (IP offices, ministries and legislators), Knowledge Transfer managers and practitioners, entrepreneurs, international STI actors and other relevant stakeholders from the Caribbean and Europe.

The specific objectives of the Conference are:

- To promote a supra-regional dialogue on enhancing energy access and efficiency through innovation and knowledge transfer and assessment of the role of Higher Education Institutions.
- To facilitate regional convergence of Intellectual Property and Knowledge Transfer policies and strategies and to enhance regional cooperation, while creating opportunities for peer learning and exchange.
- To strengthen co-operation links in the energy sector at both national and regional levels among academia, researchers, industries and policy makers.
- To support networking and relationship building.
- To present information on and outputs from the CAP4INNO and IPICA projects.



PROGRAMME

July 12-13, 2016 - Innovation in Renewable Energy Conference: **Applying and Developing Renewable Energy Technology for the Benefit of the Caribbean Region.**

12/07/2016 – Tuesday			Venue: Institute of Critical Thinking, St. Augustine Campus, UWI
08.30	09.00	30'	Registration of the participants
09.00	09.15	15'	Official welcome and opening of the conference Prof. Brian Copeland, The University of the West Indies, Trinidad
09.15	09.30	15'	Objectives of the conference <i>Dr. Roberto Escarré, OGPI Director, University of Alicante</i>
09.30	09.50	20'	Knowledge transfer capacity building for enhanced energy access & efficiency in the Caribbean: The CAP4INNO Project <i>Dr. Roberto Escarré / Noelia Lopez, Project Manager, UA</i>
09.50	10:10	20'	Empowering knowledge transfer in the Caribbean through effective IPR & KT regimes: The IPICA Project <i>Dr. Roberto Escarré / Noelia Lopez, Project Manager, UA</i>
10:10	10.40	30'	Presentation of the CAP4INNO report: "Towards a sustainable energy sector in the Caribbean and the role of HEIs" <i>Dr. Graham King, Lecturer, Industrial Engineering, Mechanical & Manufacturing Engineering, University of the West Indies, St. Augustine Campus</i>
Coffee Break			
11.10	12.00	50'	Mobilizing stakeholders for collaboration and development– new models for working <i>Dr. Sari Scheinberg, IMIT, Chalmers University of Technology</i>
12.00	13.00	60'	Recommendations for enhancing energy access & efficiency thorough innovation and Knowledge Transfer in Barbados, Dominican Republic, Jamaica & Trinidad (Results of CAP4INNO RT) <i>Ms. Natasha Corbin, UWI Barbados / Dr. Cándido Quintana, INTEC Dr. Andrew Isaacs, UTech / Dr. Graham King, UWI Trinidad</i>
13.00	13.30	30'	Presentation of students innovation idea to enhance energy access and efficiency to solve a practical problem in the region Winning team (CAP4INNO) Ideas Competition
Lunch Break			
14.30	15.00	30'	Current penetration/state of renewable energy in the Caribbean <i>Dr. Ruth Potopsingh, Associate Vice President for Sustainable Energy, University of Technology, Jamaica</i>
15.00	15.30	30'	Renewables in a low-oil price environment <i>Prof. Abdullahi Abdulkadir, The University of West Indies, Mona Campus, Jamaica</i>
15.30	16.00	30'	Financing of renewables in the Caribbean region <i>Dr. Joseph Williams, Consultant, Caribbean Development Bank, Barbados</i>
16.00	16.30	30'	Boosting the regional economy through renewable technology <i>Mr. Donald Baldeosingh, Group President, ENMAN Group</i>

13/07/2016 – WEDNESDAY			Venue: Institute of Critical Thinking, St. Augustine Campus, UWI
08.30	09.00	30'	Registration of the participants
09.00	09.20	20'	IPR as a tool for knowledge transfer & value creation: a comparative study of Caribbean policy frameworks (IPICA macro-level report) Dr. Anne Sophie Tejada, Entrepreneurship and Innovation Director INTEC
09.20	09.40	20'	Climate Change Mitigation Technologies based on SPTO Patents Data <i>Mr. Javier Sánchez de Pablos, Head of Dissemination, Communication and Relationship with the Company, Spanish Patent and Trademark Office</i>
09.40	10.00	20'	IPR & KT management practices in Caribbean higher education & research organisations" (IPICA benchmarking report) Dr. Anne Sophie Tejada, Entrepreneurship and Innovation Director, INTEC
10.00	11.00	60'	Policy Recommendations for Filling Gaps in the National IP/KT System in Jamaica, Trinidad & Tobago and Dominican Republic (results of IPICA national multi-stakeholder forums) Ms. Lilyclaire Bellamy, Executive Director, JIPO / Dr. Maria Luisa Ferrand, Mobility Program Director, INTEC / Lalloo Ramlal, Specialist in Technical Information, TTIPO
Coffee Break			
11.30	12.00	30'	Barriers in the knowledge transfer chain & research-to-market process in the Caribbean <i>Mr. Dominik Sporer, Researcher at the Institute of International Management, FH JOANNEUM</i>
12.00	13.30	90'	Scenario and Backcasting – applying a Backcasting method – What is your image of a Renewable Energy System and Society in 2030? Introduce afternoon work: What are the scenarios we have to manage to achieve this vision in the next 15 years – to move in that direction <i>Dr. Sverker Alänge, Chalmers University & Dr. Sari Scheinberg, IMIT, CU</i>
Lunch Break			
14.30	16.30	120'	Scenario Workshop – Renewable energy system Identify the factors that have high impact and are hard to predict Construct - Identify 4 future scenarios Develop a robust Strategy to reach a sustainable energy system in the future <i>Dr. Sverker Alänge, Chalmers University & Dr. Sari Scheinberg, IMIT, CU</i> IPICA Multi-stakeholder working groups
16.30	17.00	30'	Presentation of conclusions IPICA Multi-stakeholder working groups
17:00	17.30	30'	Conference wrap up/summary and closure <i>Dr. Roberto Escarré, OGPI Director, University of Alicante</i>



Members of the Organizing Committee

- **Ms. Natasha Corbin**
- **Ms. Lauren Boodhoo**
- **Dr. Graham King**
- **Mr. Damian Ali**
- **Ms. Varsha Persaud**
- **Ms. Noelia Lopez**
- **Dr. Roberto Escarré**
- **Professor Wayne Hunte**