**Save Energy, Save Money, Save the Environment...**

Caribbean LED Lighting (CLL) is on a mission to be the primary supplier of high quality, economical Light Emitting Diode (LED) lighting solutions to tropical regions around the world by sourcing and creating innovative renewable products specifically tailored to their climatic needs. CLL commits itself to providing customers with cost effective lighting solutions that improve the environment, while reducing both their operating costs and carbon footprint.

In order to address energy demands globally, CLL identified the opportunity to develop and market a novel renewable energy product branded “WINSUN” to meet the demands of persons without electricity but to also offer a cost efficient alternative to customers with access to conventional electricity.

Compete Caribbean is funding the research and development (R&D) behind a plug and play renewable energy solution that:

* Allows consumers to match power generation to power needs in an individual manner,
* Improves access to energy in remote areas where electricity generation is not otherwise available,
* Considers current barriers to entry into the RE market relating to the existing technology,
* Utilizes modular PV and/or wind generation, battery storage, regulator and inverter options to achieve desired energy and power requirements; and,
* Is easy to deploy at an affordable price.

As part of the Compete Caribbean funded R&D progression, Founder and Owner of CLL, Jim Reid recently visited China to research technologies that would meet the requirements of “WINSUN” and vendors; while Chief Operations Officer David Tindale also attended a renewable energy trade show California during September 2015 which focused on the research of new technologies in the industry, components and vendors. Additionally, a team of consultants were contracted to establish conceptual design requirements.

CLL intends that “WINSUN” will deliver an off grid renewable energy solution to local points of low demand that have no need for grid connections. So far research and development has been successful and launch date is expected to be July 2016.

<http://competecaribbean.org/wp-content/uploads/2015/12/CC-Project-Highlights-Winsun-Barbados.pdf>