



## Eco-Efficient Communities Initiative (EECI)

The Cuba Eco-Efficiency Communities Initiative will contribute to the implementation of clean technology energy systems to improve the current energy situation in the Cuban provinces of Camagüey and Santiago de Cuba. This is a three-year bilateral project with the Canadian International Development Agency (CIDA) and the Cuban Government. The Initiative will also contribute to the reduction and/or prevention in the growth of greenhouse gas emissions through the implementation of energy efficient technologies. Through technology transfer, this Initiative will increase the knowledge of clean energy options, design, installations, and maintenance for Cubans while showcasing Canadian renewable energy technology and Canadian energy efficient technology.

This Initiative will see the transfer of Wind Water Pumpers into the province of Camagüey and Santiago. In Camagüey the technology will be used for agricultural purposes, which will displace the use of diesel pumps and diesel trucks to access and distribute the water. In Santiago the water will be used primarily for potable water. A Photovoltaic System and Wind Electric Hybrid System will be installed in an Environmental Monitoring Station in Cayo Sabinal. The Monitoring Station, which will be completed in the Spring of 2004, will be a model for sustainable energy, low-impact construction and future tourism development

Suncurrent was one of the first Canadian Companies recognized as a Clean Development Mechanism developer, which enables countries or companies to invest in greenhouse gas reduction measures.

The implementation of the Initiative will lead to increased scientific and technical knowledge of climate change issues in Cuba. Knowledge will be gained through testing and assessment and adapting the technology to local conditions. Cuban ability to design, install, maintain, and repair clean energy will be strengthened. The technology and methods proposed for this Initiative could be duplicated in other places in Cuba and adapted to other countries.

Project partners include Ecosol Solar, Centro Iegrado de Tecnologia Appropriada (CITA), Universidad de Oriente, Canadian International Development Agency, Shell Canada, Cuban Ministry of External Affairs (MINVEC) and the communities.

