

About your carbon-saving project

Energy efficient lighting, Jamaica

This initiative works closely with the tourist industry, Jamaica's largest employer, to foster understanding of energy efficiency and drive the take-up of compact fluorescent light bulbs. The project has paved the way for an ambitious project that has now started to distribute such bulbs to poorer inner city neighbourhoods. The organisation behind the initiative is Eco-Tec, which also promotes and installs solar panels, solar water heaters and water efficiency devices.

Compact fluorescent light bulbs use one quarter of the electricity of traditional incandescent bulbs and last ten times longer. This is an essential contribution on an island faced with insufficient electricity generating capacity and a heavy reliance on oil-fired power stations. Oil purchases see precious hard currency leave the country and recent price rises have seen the cost of electricity soar by almost 75 percent between 2002 and 2006.

Through the sale of carbon offset credits the project is able to offer the bulbs at discount prices. A full assessment of the hotel's needs is conducted, bulbs are supplied with a warrantee and Environment Days educate staff of the benefits of energy efficiency. In this way, the project is making real progress in overcoming the financial and behavioural barriers to implementing energy efficiency.

Energy efficiency lighting

This project reduces demand for energy in the tourism sector in Jamaica. Tourism is the biggest employer on the island and its on-going viability is critical to the local economy. By driving the take-up of energy efficient light bulbs in hotels, the amount of fossil fuel burned to generate electricity for the national grid is reduced. The project will produce emissions reductions of 42,282t between 2002 and 2013

Technology partner

Eco-Tec

Country

Jamaica



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