

Going Solar International Development Experience

Feasibility Study: Renewable Energy in Maldives Tsunami Reconstruction

Our investigative tour of five islands through the Maldives for a leading international NGO, highlighted that solar energy systems with community benefit were the most appropriate use of funds earmarked for renewable energy. Equity, cost, logistics and maintenance considerations dictated that a solar electricity system donated to each reconstructed household would be unsustainable. Instead, the study recommended systems with whole-community benefit to health services, disaster preparedness, and food production.

World Bank DM2006: Solar Ice Project Atauro, East Timor

Duncan Macgregor was a finalist in the Development Marketplace 2006 competition. He travelled to New York to refine and present a proposal to supply a community in East Timor with a Solar Ice Machine.

East Timor Rural Electrification Installations

Through the involvement of Duncan Magregor in the following projects, Going Solar has in-house experience in PV systems in East Timor:

- 1. Children on the Edge - East Timor - Viqueque*
- 2. Baucau Buka Hatene (Friendship and Learning Centre) - PV Solar Hybrid System*
- 3. 2006 – ATA IPG East Timor Projects*

Technology and Market Solutions: Solar Cooling

Through expertise gained through an international fellowship, Warwick Johnston has provided advice to the Victorian Government on solar-and-biomass-powered refrigeration in India as a possible part of the AP6 Agreement.

Daytime Power for Schools, Vanuatu – site assessment

Sasha Giffard visited the new computer labs in 3 of 5 school refurbishments in Vanuatu to size battery banks, assess renewable energy options and training needs for the refurbishments. The schools run their generators for only a few hours per night and so power was required for the computer labs during the day to be able to supply daytime electricity to computers energy

Going Solar International Development Staff

Duncan Macgregor – Duncan has been involved in multiple installations in East Timor and in consulting to NGOs in the Maldives. Duncan was also a finalist in the World Bank Development Marketplace 2006 competition. Duncan has also provided advice to the UNDP, and has worked extensively in design and installation of renewable energy systems.

Warwick Johnston – Warwick has consulted to NGOs in the Maldives as part of the Tsunami Recovery Programme. Warwick has been involved in many Australian-first innovative applications of solar energy, confidently path-breaking into new markets.

Sasha Giffard-Huckstep – Sasha has worked for 7 years in appropriate technology for community and the environment (APACE), focusing upon micro-hydro systems in the Pacific region and applied technology in sustainable tourism in The Gambia on programmes supported by AusAID. Sasha also convened the ‘Eco Solutions for Emergency Aid’ Expo, and produced supporting literature.

Seona Candy – Seona will be volunteering on the implementation of renewable energy and appropriate technology in Nepal for Engineers Without Borders, whilst also undertaking a PhD in use of Seasonal Thermal Storage in developing nations.