




## PROJECT FACTSHEET

Project Title	St. Jude Hospital Solar Hot Water System		
Short description	Procurement and installation of a commercial scale solar hot water system to supply the rebuilt St. Jude hospital with hot water for operational processes		
Project Partner	Ministry of Planning, St. Jude Hospital Reconstruction Project		
Address	St. Jude Highway, Augier, Vieux Fort, St. Lucia		
Contact Person	Ms. Shanta King; Email: <a href="mailto:projectmanagerstjude@gosl.gov.lc">projectmanagerstjude@gosl.gov.lc</a>		
Project country	St. Lucia		
Implementation Date	Nov 2012 – Dec 2012		
Total Cost	US\$ 355,407.31	ADC Financing	US\$ 25,000
Funding agencies	Austrian Development Cooperation (ADC), implemented through the German Government funded CREDP-GIZ; German Government through CREDP-GIZ; Government of St. Lucia		
Equipment procured	24 x TZ85-1800-30R heat pipe collectors, 24 x mounting frame and back support, 6 x Grundfos 15-58 bronze pump for hot water, 2 x 100 GPM heat exchangers		
Project Objective	To equip the rebuilt hospital with a commercial scale solar hot water system supplying the majority of the hospital's hot water needs. The project will demonstrate the commercial applicability of solar water heating technology beyond the use for domestic purposes that is already being used in St. Lucia, and will demonstrate possible savings of fossil energy sources while reducing the hospital's operating cost.		
Project context	On September 9, 2009 a fire destroyed the St. Jude Hospital in Vieux Fort, the major medical supply institution in St. Lucia's south. With funds from Government of St. Lucia and donations from various sources, the hospital is being reconstructed and at the same time modernized and geared towards keeping operational cost low. The solar water heating system being installed is the first large scale commercial SWH system in St. Lucia and will use the sun's energy instead of fossil fuels for water heating and hence reduce the cost for water heating. At the same time the system will demonstrate the commercial applicability of SWH technology beyond the widely used thermo-syphon systems for domestic purposes.		
Further information	<a href="http://www.stjudehospitalslu.org">http://www.stjudehospitalslu.org</a>		
Photos	