



## CASE STUDY

# Pulau Sumba Solar Installations



### Project Details

**Location:** Village of Tambolaka, Pulau Sumba, Nusa Tenggara Timur

**Systems installed:** 6x130 WattPeak Kyocera solar panels, 2200 Watt Studer inverter/chargers, 9.6KWH battery backup per project site.

**Completed:** March 2009

**Partner:** Government, 5 clinics in Tambolaka area

In this project, CE Indonesia partnered project with the Indonesian government in the province of Nusa Tenggara Timur.

On the isolated island of Sumba, five small rural clinics are supplied with solar electricity. CE Indonesia set up the solar system for one clinic and conducted training for the local people to enable them to assemble and maintain the remaining clinics by themselves.

**Benefits:** The energy obtained by the solar panels and stored in the backup batteries will provide sufficient energy for vaccine refrigeration, lighting and to run some electrical devices. Thus far, the clinics depended on diesel-fuel generators, which are expensive and unreliable. The solar system provides a constant power supply and allows the clinics to get rid of the gen-sets. They no longer have to worry about a consistent supply of fuel that requires great logistical effort in this remote area.

Contained Energy Indonesia  
Jalan Benda Raya No. 46E,  
Kemang  
Jakarta Selatan 12560,  
Indonesia  
Tel. +62 21 780 1951,  
788 32362  
Fax. +62 21 780 2364

Contained Energy Bali  
Jl. Siligita,  
Kompleks Pertokoan 55 C  
Nusa Dua, Bali  
Phone: 0361 780 5142  
Fax: 0361 777 161  
[www.containedenergy.com](http://www.containedenergy.com)