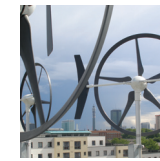
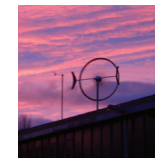


# Case Study: Sustainable Energy Module



**In November, 2005, Renewable Devices completed the manufacture of its first remote power module for use in developing countries. This joint project between Renewable Devices and Scottish & Southern Energy produced an innovative design solution to health care problems in remote areas of developing countries.**

The module is a wind-solar hybrid unit which is able to bring essential energy into remote areas to provide basic health care facilities. The electricity is generated from the sun and wind, using 3kW solar panels and a swift™ 1.5kW wind turbine fixed to the top of the module. The energy produced by these two products is stored in an on-board battery and then goes on to power a vaccine fridge, a water purifier, surgical sterilisation equipment and a birthing unit. In the evening the module transforms into a cinema and education centre, projecting aids awareness videos onto the exterior wall of the module.

Also included within the module are all the plans and tools required to build another remote power unit; this can be easily achieved by ordering two pallets of equipment to be delivered to the area and then any local engineer would hold the skills to be able to assemble the unit in a couple of days.

