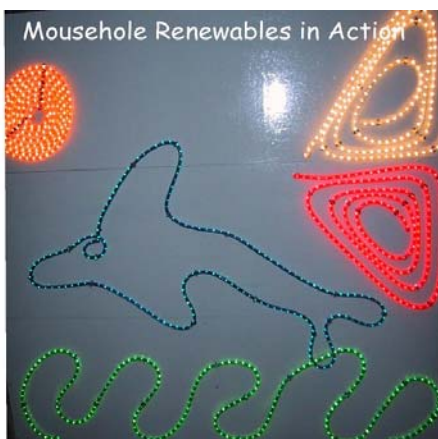


CSEP PROJECT CASE STUDY No.3
Renewables In Action



Location of project	<p>Hayle Town Youth Club, Hayle, Cornwall. Mousehole Methodist Church School rooms, Mousehole near Penzance, Cornwall. Strawberry Fields in Lanner, near Redruth, Cornwall. Elim centre in Camborne, Cornwall.</p>
Project Stages	<p>First contacted Spring 2003 No planning was required Funding confirmed Sept 2003 Hayle completed in Spring 2004 Mousehole completed in Dec 2003 Lanner completed in Spring 2004 Elim Centre completed in March 2006</p>
Project description	<p>Working with 4 community/youth groups to educate young people on Renewable Energy and produce a solar energy project. CEP provided training, project design grant application, procurement of kit and assembly/ installation.</p> <ul style="list-style-type: none"> • Mousehole Methodist Church School rooms: LED Lighting picture powered by a 60Wp Solar module, 1x12V/100Ah Gel Sealed Batteries. • Hayle Town Youth club 2 x security Lights powered by 120Wp Solar Module, 2 X12V/100Ah Gel Sealed Sunlyte, 12V/100W Sun 100 Inverter with relay. • Elim Centre: Sign illuminated by an LED (21W) powered by 60Wp Solar Module, 1 x 12V/100Ah Gel Sealed Sunlyte designed to run for 2hrs. • Strawberry Fields in Lanner: 2 x 20W LE Security lights on a telegraph pole powered by a 120 Wp solar Module, 2 x 12V/100Ah Gel Batteries(Sunlyte), sun - 100 inverter with a relay
Project Partners & role	<p>West Cornwall Community Network (WCCN) - funders. Community Energy Plus- trainers and advisers. Youths and Parents of the individual centres- participants.</p>
Value of project / Funding & Grants received:	<p>Grand total for 4 projects was £2979 .18 all provided by WCCN formerly Penwith Community Development Trust Under thee Community learning Chest Grant</p>

Measurable	Depending of the rating of the lights used in each of the projects. Neil Farrington, with assistance of the parents and the youths, consulted approximately 200 people and trained 100 during these projects.
Wider Benefits of the scheme: (social, environmental, economic)	Educational benefits to community/youth groups of training on climate change and Renewable Energy. There are direct benefits of ownership of solar energy projects and of high visibility projects demonstrating Solar PV. There is increased access the public spaces and increased safety and security in the lit places.
Issues encountered	No planning was needed due to permissible planning development. There were number of technical problems because the systems were being put up for the first time in demonstration / practical projects. As the projects were grant funded, funding can take a long time to come through.
Key Lessons:	Direct involvement by groups into training, design and construction means overall project planning can be difficult, and should remain fluid to maximise community attachment.
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