

LEARNING CENTRE @ CSD-15

Conference Room B

**Friday, 4 May 2007
10:00 a.m. – 1:00 p.m.**

Smart Grids and Stable Stand-Alone Electricity Systems: Practice and Implications of using it in Power Supply

Sponsor: Ecologic (www.ecologic.eu), Berlin, Germany, in cooperation with the Low Carbon Accelerator (LCA) Fund, London, UK, and the Energy Future Coalition (supported by the United Nations Foundation).

Course Instructors:

- R. Andreas Kraemer, Director of the Ecologic, and Adviser to the Low Carbon Accelerator
- Mark Shorrok, Low Carbon Accelerator, David Slater, R L Tech
- Daniel Theuri, Practical Action (tbc)

Synopsis:

This course will focus on the practical implications of using new and increasingly inexpensive information and communication technologies in electricity supply systems. Participants will learn to apply the concept of smart grids to interconnected as well as stand-alone. They will understand how the approach can facilitate the integration of intermittent renewable power sources into grids, promote load-responsive supply and demand and how this can improve grid stability and resilience. Overall the course is at the level of practicality suitable for planners, administrators, coordinators, or project developers. No practical experience with electrical systems will be required.