



(Research on Lifestyles, Values and Environment)  
UNIVERSITY OF SURREY, Guildford, Surrey GU2 7XH

## **FORTHCOMING SEMINAR**

**Tuesday 19 June 2007, 1300 hrs**

**Room: Oak Suite 1**

### **From Laboratory to Society: Research Integration at the UK Energy Research Centre**

**Jim Skea**

The UK Energy Research Centre was established in 2004 as a cross-disciplinary collaboration supported by three research councils – ESRC, EPSRC and NERC. We were set the challenge of taking forward a “whole systems integrated” approach to energy research.

Our six research themes cover a wide disciplinary spectrum: materials for energy (basic science); future sources of energy and infrastructure (engineering); environmental sustainability; and demand reduction and energy systems and modeling (economics/social science). Bringing these together provides a significant challenge and the “whole systems integrated” approach has not emerged spontaneously.

This presentation will describe UKERC’s “Integrating project” which was initiated in 2006 with the aim of directing this diverse group of researchers towards a set of common goals. The glue is provided by a set of core energy scenarios which focus on climate policy ambitions and the achievement of a “resilient” energy system to enhance energy security. A set of thematic “scenario variants” creates interaction between the various research themes and disciplines.

The presentation will highlight methods and progress and will identify points of contact with other parts of the Research Councils Energy Programme, including the RESOLVE group at Surrey.

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