

**SSAC Workshop:
Centre for Excellence in Energy**

**Breakout Session 4:
Integrated Energy Concepts**

31st May 2006

- Can key "research grand challenges" be identified? What problems might these seek to address in respect of energy production, transmission and utilisation and related policy drivers?
- What is an 'integrated energy concept'?
 - Keeping the lights on at reasonable cost and facilitating a dynamic economy

- Does Scotland have relevant and significant research activities that map on to these grand challenge aspirations?
 - Yes
- Are there major gaps in Scotland's research capability and capacity and how do we engage most effectively in international collaborations in these areas?
 - Maybe

- If a Centre of Scientific Excellence in Energy is to be established, how might this be configured?
- **Body should have a facilitation role**
 - Build on existing/future regional partnerships
 - Pull together pockets of expertise and overlap
 - ID gaps in knowledge base
- **Minimal structure with soft boundary**
 - Identify projects
 - Assemble interdisciplinary teams to carry them out
- **Strong leadership, clear vision and continuity**
- **Instill excellence and entrepreneurial spirit**
 - Develop a better environment for commercialisation
- **Antidote for the RAE**