

CHALLENGES & SOLUTIONS UK ENERGY TO 2050

Conference Programme
12 & 13 October 2005,
Burlington House

Wednesday 12 October 2005

Conference Programme

08.45 **Registration and coffee**

09.25 **Richard Hardman**
Conference Chairman's Introduction

09.30 **Prof Andy Woods, BPI Cambridge**
Overview: 'The challenge – the UK is no longer self-sufficient in energy. The gap between UK demand and indigenous supply is set to grow.'

DEMAND SESSION – Chairman, Martin Fry

Looking first to 2020, then on to 2050, what will the UK requirements for energy be by type, and to what extent will energy efficiency and other measures curb trends in demand?

09.50 **Martin Fry, Vice President, Energy Institute**
Session Chairman's Introduction

09.55 **Tom Delay, Chief Executive Carbon Trust**
Opportunities for energy and carbon reduction

10.20 **Philip Sellwood, Chief Executive, Energy Saving Trust**
Opportunities for energy and carbon reduction

10.45 Workshop discussion to address the session question

11.15 **Tea / coffee break**

NUCLEAR SESSION – Chairman, Professor Charles Curtis

What actions would need to be taken - and by whom - for the nuclear industry to generate economically competitive energy, acceptable on safety and environmental grounds?

11.45 **Professor Ian Fells, FRSE**
The future of nuclear power in Europe

12.10 **Richard Mayson, Energy Unit Director, BNFL**
The safety and costs of nuclear energy

12.25 **Bruce McKirdy, Head of Science & Technology, Nirex**
Safe long-term management of radioactive waste

12.45 **Malcolm Grimston, Associate Fellow, Chatham House**
Public perception and trust – issues and lessons for decision-makers

13.00 **Lunch**

14.00 **Chairman, Dr Feroze Duggan**
Workshop discussion to address the session question

15.15 **Tea / coffee break**

FOSSIL FUELS SESSION – Chairman, David Jenkins

What part will each of the fossil fuels play in supplying energy demand, and how will the fossil-fuel industry respond to the need to reduce emissions from not only its own activities, but also those of its customers?

15.45 **David Jenkins, Director, BHP Billiton**
Session Chairman's Introduction

15.50 **Ian Vann, Group Vice-President Exploration & Renewal, BP**
Oil & gas availability and supply

16.15 **Mike Henry, Vice-President Marketing Energy Coal, BHP Billiton**
Coal availability – costs and diversity of supply

16.35 **Professor Rob Socolow, Princeton University**
Emission free options for energy from fossil fuels – the issues for CO2 sequestration

17.15 Workshop discussion to address the session question

18.30 **Drinks Reception followed by Conference Supper**

CHALLENGES & SOLUTIONS UK ENERGY TO 2050

Conference Programme
12 & 13 October 2005,
Burlington House

Thursday 13 October 2005

Conference Programme

09.00 *Registration and coffee*

RENEWABLES SESSION – Chairman, Jeremy Leggett

How much of our total energy requirements can renewables be expected to provide, in light of the White Paper statement that the price of energy should allow us to maintain our competitive advantage as a nation?

09.30 Allan Jones, Director of Business Development, Climate Change Agency, GLA Microgeneration

10.00 Alan Moore, Renewables Advisory Board Wind and Marine

10.20 Patricia Thornley, Renewables Advisory Board Biomass

10.40 Harry Bradbury, Intelligent Energy Fuel cells and storage

11.00 *Tea / coffee break*

11.30 Workshop discussion to address the session question

12.30 *Lunch*

IMPACT SESSION – Chairman, Shaun Fitzgerald

As we strive to meet the targets in the White Paper, how will the consequential changes in energy production be made culturally and politically acceptable in the UK?

13.30 Shaun Fitzgerald, BPI
Session Chairman's Introduction

13.35 Mark Tollitt, DEFRA
The UK Government's climate change communication initiative

13.55 Andrew Warren, Director, Assn for the Conservation of Energy
The role of government programmes and the EU in driving change

14.15 Dr Brenda Boardman, Environment Change Unit, University of Oxford
The 40% house

14.35 Paul Gardiner, Purchasing Business Manager, British Sugar
Making money through energy savings (title to be agreed)

15.00 *Tea / coffee break*

15.30 Prof Susan Owens, University of Cambridge
Addressing complex social, cultural and political issues that are key to the viability of a sustainable energy policy

16.15 Workshop discussion to address the session question

17.00 *Close*
