



Scottish Council for  
Development and Industry

scotland's energy

# future

conference

tuesday 9th september 2008  
murrayfield stadium, edinburgh



Principal Partners





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## conference overview

Energy is high on the national and global political agenda with stretching government targets for renewables and record oil prices. Public and private sector organisations are increasingly looking at energy use and efficiency as rising prices begin to impact.

To focus dialogue and debate on this fundamental component of Scotland's economic future, this conference will bring together a line-up of expert speakers and will look at the key challenges and opportunities for Scotland to deliver a clean, affordable and reliable energy mix, and a competitive energy industry.

Bringing together a unique range of business and public sector leaders, energy providers and consumer representatives, trade unions, researchers, and environmental groups, the core outputs of this flagship event will form the basis of a submission to the Scottish Parliament's Economy, Energy and Tourism Committee inquiry into 'Determining and Delivering Scotland's Energy Future'.

## conference programme

**Conference Facilitator: Keith Aitken, Journalist and Broadcaster**

From 08.30 Registration & Networking

09.30 Welcome & Introduction  
**Dr Lesley Sawers**  
Chief Executive, SCDI

**Scottish Government Energy Policy**  
**Jim Mather MSP**  
Minister for Enterprise, Energy and Tourism  
[www.scotland.gov.uk](http://www.scotland.gov.uk)

The Scottish Government has set an ambitious target for 50 per cent of electricity consumption to be delivered from renewable sources by 2020. Jim Mather will set out the steps necessary to reduce emissions and increase business growth.

### the energy mix

**The Future for Renewables**  
**Keith Anderson**  
Director, ScottishPower Renewables  
[www.scottishpower.com](http://www.scottishpower.com)

ScottishPower Renewables is part of the largest renewables company in the world. Keith Anderson will outline the latest developments in wind, wave, tidal and biomass in Scotland.

**Coal: A Clean Future?**  
**Carbon Capture and Storage**  
**Dr Mike Farley**  
Technology Policy and Liaison,  
Doosan Babcock  
[www.doosanbabcock.com](http://www.doosanbabcock.com)

Mike Farley will highlight Scotland's world leading position in the development of carbon capture and storage and its significant environmental and economic potential.

**What's Happening in Nuclear**  
**Robert Armour OBE**  
General Counsel and Company Secretary,  
British Energy  
[www.british-energy.com](http://www.british-energy.com)

With around a third of Scotland's electricity coming from nuclear power in 2008, Robert Armour will discuss nuclear's place in Scotland's energy future.

Open Forum

11.10

Coffee and Networking

11.30

## maximising our resources

From Turbine to Toaster – Delivering a Transmission System that Unlocks Scotland's Renewables Potential  
**Dr Keith Maclean**  
Head of Policy and Public Affairs,  
Scottish and Southern Energy  
[www.scottish-southern.co.uk](http://www.scottish-southern.co.uk)

To meet its renewable energy targets for 2020, Scotland will need to develop a significant increase in renewable capacity. A current barrier to this is a grid transmission and distribution system to deliver it. Keith Maclean will set out the necessary actions to overcome this.

The Future for the North Sea  
**Malcolm Webb**  
Chief Executive, Oil and Gas UK  
[www.ukooa.co.uk](http://www.ukooa.co.uk)

Oil and gas will remain essential to Scotland for the foreseeable future and currently provides around 75% of primary energy supplies. Malcolm Webb will look at how we can maximise the life and value of our assets in the North Sea.

Scotland's Future in the European Energy Market  
**Peter Vis**  
Member of Cabinet,  
European Energy Commissioner  
[www.ec.europa.eu/commission\\_barroso/piebalgs/index\\_en.htm](http://www.ec.europa.eu/commission_barroso/piebalgs/index_en.htm)

The European Union has an ambitious target for 20% of electricity, heat and transport to be powered from renewable sources by 2020. Peter Vis will explore the impact on the generation and cost of energy in Scotland.

Security, Reliability and Affordability  
**Rt Hon Brian Wilson**  
former UK Energy Minister

Brian Wilson will outline the mix of energy sources that he believes will deliver the priorities of secure, reliable and affordable energy for businesses and consumers.

Open Forum

13.00

Lunch

14.00

Workstreams

15.20

Determining and Delivering Scotland's Energy Future  
**Tavish Scott MSP**  
Convener,  
Economy, Energy and Tourism  
Committee inquiry  
[www.scottish.parliament.uk/business/committees/](http://www.scottish.parliament.uk/business/committees/)

Tavish Scott will outline the next steps of the Economy, Energy and Tourism Committee inquiry into 'Determining and Delivering Scotland's Energy Future'.

Open Forum

Closing Remarks  
**Shonaig Macpherson CBE FRSE**  
Chairman, SCDI

16.00

Conference Ends

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## workstreams

Delegates are invited to take part in one of the five parallel workstreams.

### 1. developing economic opportunities

There is growing worldwide demand for clean and affordable energy. How do we ensure that Scotland's energy sector capitalises on the global opportunities for growth?

Meeting Global Demand for Renewables

Ian Irvine

Technical Director, Sgurr Energy

Demand for Clean Coal

Professor Stuart Haszeldine

School of GeoSciences, University of Edinburgh

Building a Scottish Energy Supply Chain

Brian Nixon

Director of Energy, Scottish Enterprise

### 2. harnessing the potential of renewables

There are still a number of barriers to be overcome if Scotland is to harness the full potential of wind, wave, tidal and biomass. How do we grow these sectors and deliver against the Scottish Government's stretching targets for renewables?

Connecting Renewables to the National Grid

Alison Kay

Commercial Director, Transmission, National Grid

Balancing Green Energy Targets and the Environment

Councillor Angus Campbell

Vice-Convener, Comhairle nan Eilean Siar

Skills: Delivering the Brain Power

David Cameron

Chief Technical Officer, Scottish Renewables Forum

### 3. from mega to negawatts – cutting energy use

Rising energy prices are impacting on consumers, business and the public sector. How can organisations and consumers cut costs and carbon emissions?

Businesses Driving Down Emissions  
Alan Barclay  
Governance Director, Diageo

Buildings of the Future: Green Shopping in Norway  
Martin Surridge  
Director, ARUP Scotland

Local Government's Role in Delivering  
the Low Carbon Economy  
Robin Presswood  
Business and Strategy Manager, Fife Council

### 4. energy futures

With the debate about peak oil continuing, what does the future hold in terms of different forms of energy generation and new patterns of consumption?

Global Energy Scenarios to 2050  
Dermot Grimson  
Head of Government Affairs, Shell UK

The Next Generation of Technologies  
Duncan Botting  
Managing Director, ITI Energy

21st Century Consumers and Suppliers  
David Socha  
Principal Consultant, Logica

### 5. broadening the debate – heat and transport

With the political focus on electricity, how do we broaden the debate to look at alternative sources of heat and new forms and ways of using transport?

Transport: New Technologies and New Behaviours  
Dr Jillian Anable  
Transport & Aviation Topic Leader,  
UK Energy Research Centre

Biomass in Scotland – an Untapped Resource  
John Ferguson  
Strategic Projects Manager,  
Scottish Environment Protection Agency

The Heat Is On  
Iain Todd  
Chair, Aberdeen Renewable Energy Group

## delegate's details (please print)

Please copy and complete for each delegate and fax to Lynne Cooper on 0141 333 0039 or send to SCDI, Campsie House, 17 Park Circus Place, Glasgow, G3 6AH

Title \_\_\_\_\_

First Name \_\_\_\_\_

Surname \_\_\_\_\_

Position \_\_\_\_\_

Organisation \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Postcode \_\_\_\_\_

Tel \_\_\_\_\_

Fax \_\_\_\_\_

Email \_\_\_\_\_

Website \_\_\_\_\_

I would like to request a charity/voluntary sector reduced rate place (places are limited)

### Payment

Please send an invoice

Is a purchase order number required? Yes  No

I prefer to pay by VISA\*/Mastercard\*/Switch (\*3% supplement applies – see note overleaf under Registration)

## Conference Fees

The cost of attending the conference is as follows:

SCDI Member £150 plus vat

Non Member £200 plus vat

A limited number of places are available for delegates attending from charities/the voluntary sector at a reduced rate of £100 plus vat.

## Registration

Please complete the registration form overleaf (copy and complete for each delegate attending) and fax to Lynne Cooper on 0141 333 0039.

Confirmation and an invoice will be sent to you upon receipt and your payment in full will be required as soon as possible to secure your place(s). Please indicate on your registration form if you would prefer to pay by Visa, Mastercard or Switch and our Finance Department will contact you to arrange this. Please note that a 3% supplement is payable for credit card payments. There is no additional charge for Switch.

## Cancellations

All cancellations must be made in writing. SCDI regrets that a refund for cancellations received after Friday 22 August will not be possible, but a substitute delegate will be welcome to attend. Invoiced sums will be payable in full.

## Contact

For further information please contact

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