



Early Bird Closing: Global Energy Systems - June 26-28 2013

Posted by [Rembrandt](#) on April 2, 2013 - 4:05am

It is essential for energy professionals to stay well informed with the latest insights in this evolving world. For this reason, Euan Mearns of The Oil Drum, myself and several others, are organizing the first three-day [Global Energy Systems conference](#), which will take place in Edinburgh, United Kingdom from June 26 - 28, 2013. This is the last week for Early Bird Registrations which are only available until April 5th.



The conference is meant to deliver key updates on the most pressing energy issues and challenges facing our energy system, as well as providing a forum for exchange of substantially different viewpoints. It is supported by several universities and research institutes including University of Aberdeen, University of Uppsala, University of Bristol, University of Edinburgh, Oxford Research Group, Chatham House and others. The scope is deliberately very broad, covering most primary energy sources, so that a global view of the current energy system can be presented. [Session topics](#) include “**the limits to easily accessible fossil fuels**”, “**frontier fossil fuel technologies and basins**”, “**the viability of nuclear power**”, “**the costs and benefits of fossil versus renewable electricity**”, and “**the economics and policy of energy systems**”.

A few of our confirmed speakers include Michael Kumhof (IMF), Tatiana Mitrova (Energy Research Institute Russian Academy of Sciences), Dr. Richard Stainsby, (UK National Nuclear Laboratories), Peter Jackson (IHS CERA), Alex Kemp (University of Aberdeen), David Shropshire (IAEA), Dr. Alexander Naumov (Group Economics BP), Guy de Kort (Shell Vice President GTL), Friedrich Schulte (RWE).

Read below the fold for an overview of the complete conference program.

Conference Sponsors:



General information

1st [Global Energy Systems Conference](#)

Our Dynamic Earth, Edinburgh, United Kingdom

Wednesday June 26 to Friday June 28, 2013

[Registration open - early bird rates available until April 5th](#)

Conference partners:



General interest, media and sponsorship enquiries

The conference is organized on a non-profit basis by a group of energy professionals concerned about the challenges that we face. Any expressions of interest, suggestions for content and analysis, and contributions of sponsorship, are most welcome. Your content, media, and sponsorship related communication can be directed to: [alexr at scenetwork.co.uk](mailto:alexr@scenetwork.co.uk)

Day 1 – Fossil Fuels: Can we turn Unconventional into Conventional?

Conference Opening

08:00

– **Registration | Coffee & tea**

09:00

Welcome and Sponsor address

09:00

– 09:40 Program Committee and Sponsors

Keynote Address on the Global Energy Challenges

09:40 –

10:25 [Lord Ron Oxburgh, House of Lords UK Parliament](#)

10:25 – Coffee & tea

10:50

The Limits to Easily Accessible Fossil Fuels

Fossil Fuel Production forecasts: analysis of resource and reserve assumptions and model mechanics

10:50 –

11:15 Joint Paper convened by [Dr. Roger Bentley](#)

Perspectives on China's Coal Industry and Future

11:15 –

11:40 [Kevin Jianjun Tu, Senior Associate Carnegie](#)

World Oil Upstream Development Outlook, Production, Technology, and Cost

11:40 –

12:05 [Dr. Peter Jackson, Head of Research IHS CERA](#)

Russia's Natural Gas Production & Export Policy

12:05 – [Dr. Tatiana Mitrova, Head Oil & Gas, Energy Research Institute Russian Academy of Sciences](#)
12:30

12:30 – **Lunch Break**
13:30

Frontier Fossil Fuel Technologies and Basins

The future of US shale/tight oil
13:30 –
13:55 [Dr. Kenneth Chew](#)

Oil and gas recovery from continuous (unconventional) resources: Technology innovation options for improving the economic baseline
13:55 –
14:20 [Dr. Ruud Weijermars, Director TU/Delft Unconventional Gas Research Initiative](#)

Key developments and challenges of Enhanced Oil Recovery techniques and CO₂ Solutions
14:20 –
14:55 [Prof. Mehran Sohrabi, Institute of Petroleum Engineering, Heriot-Watt University](#)

14:55 – **Refreshment Break**
15:10

The current status of Underground Coal Gasification as a Commercial Technology
15:10 –
15:35 [Dr. Peter Dryburgh, Wardell Armstrong](#)

Gas to Liquids - an opportunity to convert natural gas for use in the transport sector
15:35 –
16:00 [Guy de Kort, Shell Vice President GTL](#)

16:00 – **Coffee & tea**
16:30

Debate: Energy Scarcity, Threat or Fiction?

Viewpoint A: "Upcoming technologies will unlock the unconventional resource base"

- [Dr. Thomas Ahlbrandt, Ahlbrandt Consulting, President of Thomasson Partners Associates, Vice President of Exploration for Systems Petroleum](#)
- [Dr. Roberto F. Aguilera, Research Fellow Curtin University, Australia.](#)

16:30 –
17:30 **Viewpoint B: "We can't afford the energy, labour and capital cost to prolong the fossil fuel era"**

- [Dr. Michael Kumhof, Deputy division chief, Modeling Unit International Monetary](#)

- Prof. Kjell Aleklett, Uppsala University Global Energy Systems Group

Day Summary

Closing

17:30 –
18:00 Program Committee

Drinks & Networking Event

18:00 –
21:00 [Separate tickets available](#)

Day 2 – The Future of the Electricity System

Conference Opening

08:00 –
09:00 **Registration | Coffee & tea**

Welcome and Sponsor address
09:00 –
09:40 Program Committee and Sponsors

Keynote Address
09:40 –
10:25 [Dr. Jeremy Leggett, non-Executive chairman Solarcentury, Chairman Solaraid](#)

10:25 –
10:50 **Coffee & tea**

The viability of Nuclear Power

Should the UK nuclear programme be a model for the rest of Europe?
10:50 –
11:15 [Prof. Steve Thomas, Greenwich University](#)

The costs and economic viability of nuclear energy
11:15 –
11:40 Dr. David Shropshire, Head Planning and Economic Studies, International Atomic Energy Agency

Trends towards Sustainability in the nuclear fuel cycle
11:40 –
12:05 [Dr. Ron Cameron, Head Nuclear Development Division, OECD Nuclear Energy Agency](#)

Generation IV fast reactors and the re-use of long-lived nuclear waste

12:05

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12:30

[Dr. Richard Stainsby, Chief Technologist, UK National Nuclear Laboratories](#)

12:30

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13:30

Lunch Break

The challenges of a renewables based electricity grid

The Benefits and Costs of Renewable Energy deployment

13:30

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13:55

[Dr. Ulrike Lehr, Institute of Economic Structures Research GWS](#)

Demand side electricity grid management

13:55

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14:20

Speaker to be announced

The potential and costs of electricity storage

14:20

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14:55

[Friedrich Schulte, Head of Technologies, RWE AG](#)

14:55

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15:10

Refreshment Break

Electrochemistry and the energy storage gap

15:10

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15:35

[Dr. David Fermin, University of Bristol](#)

Grid balancing and development in an era of renewable energies

15:35

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16:00

Andrew Hiorns, Network Strategy Manager, National Grid UK

16:00

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16:30

Coffee & tea

Debate: Where to invest in for the electricity system of the future? A choice between Shale Gas, Nuclear, Renewables, and Coal with CCS?

- [Dr. Jerome Guillet, Managing Director Green Giraffe Energy Bankers](#)
- [Prof. Stuart Haszeldine, Professor in Carbon Capture and Storage, University of Edinburgh](#)
- [Prof. Alex Kemp, Chair in Political Economy, University of Aberdeen](#)

16:30

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17:30

More panelists to be announced

Day Summary

Closing of Day 2

17:30

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18:00

Program Committee

Policy Workshop: the information, data, and policy gaps on meeting the Energy Challenges

18:00

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19:30

Breakout group of speakers plus invited delegates

Day 3 – The Economics & Policy of Energy Systems

Conference Opening

08:30

–

09:00

Coffee & tea

Welcome and Sponsor address

09:00

–

09:15

Program Committee and Sponsors

Keynote Address

09:15

–

10:00

[Professor Sir David King, Former Director Smith School Oxford University](#)

Understanding Energy Supply, Demand, Price, and the role of policies

The energy outlook to 2030: Global Trends in energy-economic relations

10:00

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10:25

[Dr. Alexander Naumov, Group Economics, BP plc](#)

The influence of price risks on policy design and investment

10:25

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10:50

[Dr. William Blyth, Director Oxford Energy Associates](#)

10:50 – 11:15 **Coffee & tea**

The capital cost requirements of energy transitions

11:15 – 11:40

[Dr. Michael Dale, Stanford University](#)

The demand side: energy intensity of the economy

11:40 – 12:00

[Dr. Sgouris Sgouridis, Masdar Institute](#)

Panel Discussion on Key Knowledge, Data & Policy Gaps in the Energy sphere

[Professor Michael Jefferson, University of Buckingham](#)

[Professor Zoe Shipton, University of Strathclyde](#)

12:00 - 12:45

More panelists to be announced

Conference Summary

12:45 - 13:00

Final Sponsor Thanks

[Dynamic Earth, Edinburgh, 26th-28th June - Register Here!](#)



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