



WESTMINSTER ENERGY FORUM

JANUARY 19th 2006 – ABN AMRO, 250 BISHOPSGATE, LONDON

THE 3RD AND FINAL WEF NUCLEAR POLICY CONFERENCE IN THE 'HALF LIFE OR STILL LIFE' SERIES

NUCLEAR REGULATION & RISK MANAGEMENT

IMPENDING ISSUES & IMPLICATIONS FOR THE FUTURE OF NUCLEAR POWER IN THE UK

ORGANIZATIONS PRESENTING:

BECHTEL USA RIO TINTO EDF ABN AMRO
NUCLEAR INSTALLATIONS INSPECTORATE
NUCLEAR DECOMMISSIONING AGENCY AECL
GREENPEACE LANCASTER UNIVERSITY
GREEN ALLIANCE KINGS CENTRE FOR RISK MANAGEMENT
IMPERIAL COLLEGE DELOITTE FINANCIAL TIMES

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Atomic Energy
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CONFERENCE SCHEDULE

Refreshments 8.45–9.15

Opening Remarks 9.25

Session 1 – 9.30–11.00 (4xc. 18min presentations + c. 15min Q&A)

Chair: Chris Lambert Director, Westminster Energy Forum

THE US ENERGY BILL – THE NEW BUILD TEMPLATE & POSSIBLE MODELS FOR EUROPE & THE UK?

- Key features wrt: financing, role of Government, planning and licensing regimes, decommissioning plans etc
- What features of the regulatory system will be key to new build in the US?
- What are the realistic odds of new build developments compared with aspirations?
- Is the US energy future so demanding that the nuclear context is more pressing than in the UK?

John Polcyn, VP New Nuclear Generation, Bechtel US

HOW WILL THE URANIUM MARKET AFFECT, AND BE AFFECTED BY, A GLOBAL NEW BUILD LANDSCAPE?

- What trends and patterns in the uranium market are emerging as a result of new build commitments in Asia & renewed interest in the OECD? i.e. prices, ore reserve acquisitions & developments, shifting geography of the mkt
- How might one expect this to change over time in light of expected new build developments?
- How is this likely to impact upon OPEX costs? What implications might this have for fuel cycles?

Preston Chiaro – CEO, Rio Tinto Energy

REGULATION & NEW BUILD – THE UK IN A GLOBAL CONTEXT

- If Government were to explore new build options, how would the current UK's regulatory regime affect project risk?
- Do the current licensing and planning regimes prolong development timescales too much for practicality?
- What key elements should the regime include to enable new build? What should it avoid?

Denis Linford – Director of Regulation, EDF Energy

BANKING & NEW BUILD REGULATION

- Major nuclear market trends and their impact on corporate strategies
- A nuclear renaissance: new entrants or market consolidation?
- Debt and equity financing of new investments

Hugo Peek – Global Head of Power & Utilities, Corporate Finance, ABN AMRO

(Coffee Break)

Session 2 – 11.30–12.30 (3xc. 15min presentations + c. 15min Q&A)

Chair: Roger Harvey Executive Director, Integrated Energy, Europe, ABN AMRO

WASTE MANAGEMENT COSTS & SOLUTIONS: HOW BIG AN ISSUE WILL IT BECOME?

- The dimension of nuclear waste issues & leaks as part of serious new build deliberations, compared with theoretical debates
- What features should characterise an appropriate waste management strategy?

Mark Johnston, Greenpeace Europe

NUCLEAR SAFETY REGULATION – WOULD IT NEED TO CHANGE TO ACCOMMODATE NEW BUILD?

- Does the HSE / NII regard the current regulatory model as able to cope with new build developments?
- What would need to go into a strategy for the licensing of new build?

Andy Hall, Deputy Chief Inspector, Nuclear Installations Inspectorate

THE NUCLEAR DECOMMISSIONING AGENCY – STRATEGIC PERSPECTIVES

- The NDA Draft Strategy – key features of the submission to Government for Mar' 06 approval
- Performance and perceptions of the NDA over the past year – good news, bad news, and lessons for the future

David Hayes, Strategy & Commercial Director, NDA

(Lunch Break)

Session 3 – 13.30-14.45 (3x20min presentations + c.15min Q&A)

Chair: Ian Patterson VP Utilities & Telecoms, ATOS Origin

MITIGATION OF PROJECT RISK IN NEW BUILD

- New build experiences in other markets – implications for potential UK market structures
- Nuclear renaissance: market requirements and challenges
- UK perspectives on mitigation of UK-based project risks

Pat Tighe, VP Business Development, AECL

THE DISAGGREGATED PRIVATE SECTOR: A NEW CHALLENGE (PROBLEM?) FOR POTENTIAL NEW BUILD

- The challenges of migrating regulation from a public sector model to a private sector one: the curse of the rail industry
- Planning objections across the 'new build sector': wind, nuclear, LNG & grid – is addressing nuclear too narrow-minded?
- How in or out of sync is nuclear safety provisioning across the OECD
- To engender private financing what trade-offs would there be with economic regulation in the electricity sector?

Prof. Roger Kemp, Head of Engineering, Lancaster University

INTEGRATED RISK MANAGEMENT MODELS - REDUCING PUBLIC SECTOR LIABILITY

- Financial liabilities of insurance, pensions, decommissioning, & waste funding: the case for strategic integration
- How the model might work in practice: key actors and their responsibilities

Ciara Ryan, Partner, Energy Markets, Deloitte

(Tea Break)

Session 4 – 15.15-16.15 : PANEL & PLENARY

THE PUBLIC DEBATE OVER NEW BUILD IN THE OECD – NEW FEATURES & IMPLICATIONS FOR THE UK

- To what extent is the public debate in other developed economies now addressing the new build question?
- What are the regional drivers for it? (climate change, energy imports, geopolitical, new/replacement generation)
- How do the features of other national discussions relate to the UK energy situation? At present is the debate in the OECD nations just a phoney war or is there real political and strategic substance behind the discussions?

Prof. Ragnar Lofstedt, Kings Centre for Risk Management

Under what circumstances could the Government rule out the need to formally revisit the nuclear new build option during this Parliament?

Over the past year consideration of a new generation of nuclear plants has received much profile, partly because of industry lobbying but essentially as a result of the convergence of several key factors, eg gas price, stirrings of new nuclear build in Europe, the closure schedule of the UK's current nuclear plant, & Prime Ministerial comments interpreted as being in favour of new build etc.

In contrast to these, the poor profile of events at Sellafield wrt plutonium accounting and to the leak at THORP have perpetuated the public perception of an untrustworthy industry with poor management of its systems. The continuing uncertainty over how the international community should deal with North Korea and Iran has further served to illustrate the wider dimensions of nuclear power that play upon the mind of the public.

The electricity price & carbon emissions market are also all playing a more dynamic role now than when the 2002 White Paper was published, so would nuclear new build represent a pragmatic, stabilising step for UK energy strategy or would it reduce all private sectors' confidence in the wider UK energy portfolio and its governance?

This session will include a panel response, to be followed by a short panel Q&A and then open Plenary with the wider delegation. *Panellists:*

Russell Marsh Policy Director Green Alliance
Dr. Jon Gibbins Imperial College and UK Carbon Capture & Storage Consortium
Carola Hoyos Energy Correspondent, Financial Times

- The Conference will conclude by 16.15hrs and will be followed by a Drinks Reception in the ABNAMRO Atrium -

GUESTLIST

Senior Relationship Banker	ABN AMRO
Assistant Director, Corporate Finance Power & Utilities	ABN AMRO
Managing Director, Sustainable Development	ABN AMRO
	ABN AMRO
Director, Global Manufacturing Group	ABN AMRO
Executive Director, Integrated Energy, Europe	ABN AMRO
Managing Director, Corporate Finance	ABN AMRO
	ABN AMRO
Assistant Director, Credit Portfolio Management, Energy & Resources Europe	ABN AMRO
	ABN AMRO
Executive Director, Energy & Resources, Credit Portfolio Management Europe	ABN AMRO
Managing Director, Energy & Resources	ABN AMRO
Global Head of Power & Utilities, Corporate Finance	ABN AMRO
	ABN AMRO
Director, CPM Europe Energy & Resources	ABN AMRO
Executive Director, Energy & Resources	ABN AMRO
Director, Corporate Finance Power & Utilities	ABN AMRO
Senior Relationship Banker	ABN AMRO
Global Utilities Communications Manager	Accenture
Regional VP, Europe	AECL
General Manager, Nuclear Business	Alstec
Director, Political and Economic Risk	AON
	Arup
MD, London	Arup
	Arup
	Arup
Chair, Global Infrastructure Business	Arup
	Arup
Head, Global Energy Team	Ashurst
Vice President, Business Development	Atomic Energy of Canada Ltd
Head of Utilities	ATOS Origin
VP Utilities & Telecoms	ATOS Origin
	ATOS Origin
	BAA
Head of Group Supply Chain	Barclays Capital
Director, Compliance	Barclays Capital
	Barclays Capital
Environmental Risk Policy Management	Barclays Capital
Vice President New Nuclear Generation	Bechtel US
Head of Technology Services	BNFL
Senior Environmental Advisor	British Energy
Head of Legal Services	British Energy
Strategy & Business Development	British Energy
Senior Manager, Environment Health and Safety	British Nuclear Group
Vice President	BWXT
Manager, Planning and Projects	BWXT
	Cambridge Energy Forum

Trade Commissioner - Energy & Mining	Canadian High Commission
Executive Chairman	CEAG Ltd.
Director of Procurement Strategy	Centrica Energy
Partner	Clifford Chance
Director	Climate Change Capital
Industry Head, Environmental Initiatives Project & Infrastructure	Commonwealth Bank of Australia
Managing Director	Crestport Services Ltd
Principal	Deloitte
Assistant Director	Deloitte
Senior Manager - Energy Markets	Deloitte
Partner	Deloitte
Assistant Director	Deloitte
Relationship Mgr - Energy, Infrastructure & Utilities	Deloitte
Partner	Deloitte
Partner, Energy Markets	Deloitte
Senior Business Analyst	Denton Wilde Sapte
	Denton Wilde Sapte
	Department of Trade and Industry
	Department of Trade and Industry
	EDF Energy
Director of Regulation	Electrabel
Financial Adviser	Electrabel
Regulatory Officer	
	Energy Intensive Users Group
Director	
Radioactive Substances Regulation	Environment Agency
Public Affairs Manager	EON
Corporate	EON
Director of New Business, Energy Wholesale	EON UK
Chief Financial Officer	Erap
Associate	Eversheds
Partner	Eversheds
Analyst	Fidelity
Energy Correspondent	Financial Times
Policy Officer Energy & Security of Supply	Foreign & Commonwealth Office
Marketing Director, United Kingdom	Framatome ANP
Senior Vice President Plants - Business Development	Framatome ANP
	Freshfields Bruckhaus Deringer
Business Development Manager, UK and Ireland	Gaz de France
Policy Director	Green Alliance
Policy Officer	Green Alliance
VP	Greenhill & Co. International LLP
Energy & Environment Consultant	Greenpeace
	Greenpeace Europe
Director, Energy & Utilities	Hammonds
	Herbert Smith
	Herbert Smith
Corporate and Private Finance	HM Treasury
Corporate and Private Finance	HM Treasury

Corporate and Private Finance	HM Treasury
Managing Director	ILEX Energy Consulting
UK Carbon Capture & Storage Consortium	Imperial College
Consultant	Indepen Consulting
Principal Consultant	Indepen Consulting
	Independent
	Independent
Investment Analyst	Independent
Principal Policy Advisor (Energy & Environment)	Institution of Electrical Engineers
CEO	International Power
Executive Director - Europe	International Power
Chief Engineer Nuclear Fuel Route	Jacobs
Director - Operations	Jacobs
Research Fellow	Kings Centre for Risk Management
Director	Kings Centre for Risk Management
Director, Energy & Natural Resources	KPMG
Associate	KPMG
Director, Corporate Finance	KPMG
Head of Engineering	Lancaster University
Director, Nuclear Business	Lloyds Register
Director, Energy	Lloyds TSB
Director, Infrastructure Capital	Lloyds TSB
Emeritus Professor	London University
Partner	Lovells
Partner	Lumis LLP
Partner	Lumis LLP
Director, Nuclear Business	Mitsui Babcock
Strategy & Commercial Director	NDA
Associate	Norton Rose
	Norton Rose
Communications Manager	Nuclear Industry Association
	Nuclear Industry Association
	Nuclear Industry Association
	Nuclear Installations Inspectorate
Deputy Chief Inspector	Ofgem
Technical Adviser	OXERA
Senior Adviser	Parliamentary Office of Science & Tech.
Director	PB Power
Principal Consultant	PBMR
Corporate Finance	PricewaterhouseCoopers
Director, Energy & Utilities	PricewaterhouseCoopers
Assistant Director, Energy & Utilities	PricewaterhouseCoopers
Partner	Rio Tinto Energy
CEO	Royal Bank of Scotland
MD, Power	Royal Bank of Scotland
MD, Head of Power, Utilities & Water	RPS
Executive Director of RPS Group PLC	RWE AG
	RWE nPOWER
Head of Public Relations	

Corporate Development & Strategy Manager	RWE nPOWER
Head of Strategy	RWE nPOWER
	RWE nPOWER
	RWE nPOWER
	RWE nPOWER
Vice President, Nuclear Power Plants	RWE Power
	Scottish Power
CEO, Serco Science	Serco
	Shell International
Director, Infrastructure Finance Ratings	Standard & Poors
Corporate Development Manager	Sir Robert McAlpine
Director Strategy Department Suez	Suez
Director of Research	UK Energy Research Centre
Environment Science and Technology Officer	United States Embassy
Economics Officer	United States Embassy
Nuclear Business Development Manager	WEIR, Strachan & Henshaw
Director	Westminster Energy Forum
CEO	Windsor Energy Group
Major Bids Director	WS Atkins

SPEAKERS' BIOGRAPHIES

John Polcyn

Vice President New Nuclear Generation, Bechtel US

John Polcyn was named Vice President in August 2000. He is responsible for all of Bechtel Nuclear's marketing and business development activities for new nuclear generation, nuclear operating plant services, steam generator replacements and decontamination and decommissioning. He is also responsible for all operations and execution of new nuclear generation and nuclear operating plant services. John began his successful career with Bechtel in 1995. He has held increasingly responsible positions in Bechtel in project management and marketing and business development. He previously managed Bechtel's Nuclear Operating Plant Services organization, providing engineering and maintenance and modifications services to operating nuclear power plants. John has thirty years of nuclear operations, engineering, construction and maintenance and modifications experience, including over ten years with the Tennessee Valley Authority (TVA). He is a member of the American Nuclear Society and serves on the Institute of Nuclear Power Operations Supplier Participant Advisory Committee and the Nuclear Energy Institute's Task Force on New Nuclear Plants. John and his wife, Kim, live in Leesburg, Virginia. They have two daughters.

Preston Chiaro

CEO, Rio Tinto Energy

Mr. Chiaro joined Rio Tinto in 1991, initially supervising major environmental cleanup projects at Kennecott Utah Copper Company's Bingham Canyon mine before assuming the role of Vice President Technical Services, responsible for environmental, health and safety as well as site-wide engineering services. He joined U.S. Borax in 1995 as Vice President and General Manager of Boron Operations – California's largest mine and mineral processing facility. He was named Senior Vice President of operations & technology – overseeing global mining, refining and shipping operations – in 1997. In 1999 he became the Chairman, President and CEO of US Borax and head of Rio Tinto Borax.

Mr. Chiaro was named Chief Executive of Rio Tinto's Energy Product Group in September 2003. He is responsible for Rio Tinto's coal and uranium mining operations in Australia, Namibia, and the United States. He is also the senior executive in charge of Rio Tinto's climate change and sustainable development programmes. In November 2004 he was appointed Chairman of the Coal Industry Advisory Board of the International Energy Agency.

Prior to joining Rio Tinto Mr. Chiaro managed several multi-million dollar environmental cleanup projects at Rocky Mountain Arsenal chemical weapons and Rocky Flats nuclear weapons facilities in Colorado. He gained extensive

experience in design and construction of water, wastewater, and solid waste treatment facilities for government and industrial clients. His education includes earning a Bachelor of Science, Environmental Engineering and Master of Engineering (cum laude) at Rensselaer Polytechnic Institute. Other educational achievements include completing the Advanced Management/International Senior Managers Program at Harvard University.

In his spare time he enjoys hiking, biking, skiing, and diving.

Hugo Peek

Global Head of Power & Utilities, Corporate Finance, ABN AMRO

Prior to joining ABN AMRO at its Amsterdam headquarters in 1994, Hugo Peek worked briefly as a research analyst in Monetary Economics at Nijenrode University and as an independent consultant with Coopers & Lybrand. At ABN AMRO he started in M&A, moving on to Project Finance in 1995. Here, Hugo was responsible for financial advisory and project finance for energy clients in the EMEA region.

In 1999, he joined the Corporate Finance dept to become a VP and later Senior Vice President. He then transferred to London in 2003, where he became a MD and Head of the Power & Utilities Europe team in Corporate Finance. In this role he was responsible for origination of mergers and acquisitions assignments with a wide range of international and reputable clients. At the end of 2003, Hugo moved to Client Coverage and was appointed Global Head Power & Utilities, later on concentrating on M&A again.

Hugo has been a member of and contributor to various industry bodies and panels. He was ranked the No 1 European M&A Banker in Energy and Utilities by MergerMarket in February 2004. Hugo received an MSC in Financial Economics from Erasmus University in Rotterdam and a Bachelor degree in Business Administration from Nijenrode University.

David Hayes

Strategy & Commercial Director, NDA

David is joining the NDA from the Department of Trade and Industry. David has been at the forefront of work to establish the NDA, and to ensure its readiness for full operation from 1 April. David played a key role in formulating the Government's energy strategy, set out in its 2003 White Paper. He has also been closely involved in nuclear issues, including reviews of BNFL corporate strategy and the privatisation of British Energy. David has wide experience of working in and across Government Departments, in London and overseas (Geneva, Washington), as well as in the private sector. David's interests include cycling and running.

Andy Hall

Deputy Chief Inspector, Nuclear Installations Inspectorate

Dr Andy Hall is a Deputy Chief Inspector of Nuclear Installations and currently heads the Division of the Health & Safety Executive's (HSE's) Nuclear Safety Directorate that regulates the British Nuclear Group nuclear chemical sites and the UK Atomic Energy Authority's sites. These include the multiple-plant sites at Sellafield and Dounreay. Dr Hall has had a variety of jobs since he joined HSE's NII in 1988 as an Inspector of Nuclear Installations. He has performed technical assessments of core meltdown studies for pressurized water reactors (PWRs) and fault analyses for Magnox reactors, undertaken policy work on international harmonization of nuclear safety standards and to prepare HSE's response to the Government's review of nuclear power in the mid-1990s, and inspected the Magnox nuclear power station at Bradwell during its operational phase. He has headed various Units in NII including the Secretariat for HSE's Director of Nuclear Safety, a technical assessment unit for BNFL chemical plant and Magnox reactors, and a site inspection unit responsible for the nuclear safety regulation of Advanced Gas-cooled Reactors (AGRs) and the PWR power station at Sizewell B. He has also been Head of the Division of NSD responsible for regulating the British Energy and Magnox Electric operational nuclear power stations, and Head of HSE's Nuclear and Hazardous Installations Policy Division, which was responsible for developing regulatory policy on the safety of nuclear installations, ionising radiation, on-shore major hazard chemical sites and pipelines, off-shore installations, mines, quarries and explosives. A physicist by background, he is a past Fellow of the Royal Astronomical Society.

Pat Tighe

Atomic Energy of Canada Limited

Patrick Tighe is the Vice President, Marketing and Business Development at Atomic Energy of Canada Limited (AECL). He is responsible for Marketing and Business Development activities for major projects including the Advanced CANDU Reactor, CANDU-6 Replications, and CANDU Refurbishments. Mr. Tighe leads the implementation of strategies, business and financial arrangements necessary to secure major new business opportunities for AECL, both domestically and internationally.

Mr. Tighe has an extensive and varied background in general management, business strategies, project and relationship development, in Canada and overseas.

Prior to joining AECL, he was President & CEO of the CANDU Owners Group (COG), responsible for overall business operations, management of CANDU Research and Development programs funded by COG, the information exchange program and other joint programs of the group.

From 1990 to 1998, Patrick Tighe held a number of senior and progressively more responsible positions with Asea Brown Boveri (ABB) Canada, including the completion of a number of domestic and international power generation projects and establishing the ABB industrial steam turbine business in Canada. During his stay with ABB, he rose to the position of President, Power Generation Segment, and was responsible for the major restructuring and strategic development of this division.

Patrick Tighe's career also includes 16 years with AECL during which time he held a number of managerial positions including Director, Commercial; Technical Director, Korea; and Manager, Marketing and Sales.

Prof. Roger Kemp

Head of Engineering, Lancaster University

Professor Roger Kemp is Head of the Engineering Department at Lancaster University. Prior to July 2003, he was UK Technical and Safety Director for Alstom Transport. Having started his career with Reyrolle Parsons, he worked for British Rail Research and Lucas Industries until joining GEC Transportation Projects in 1981. He was Engineering Director for several locomotive and mass transit projects in the UK and overseas and, after the merger with Alstom, moved to Paris as Project Director for the consortium building the Eurostar trains. He has been involved in the preparation of bids for major infrastructure projects in Asia and Australia.

He is a Fellow of the Royal Academy of Engineering and of the Institutions of Mechanical and Electrical Engineers.

Ciara Ryan

Partner, Energy Markets, Deloitte

Ciara Ryan is a partner in Deloitte's Energy, Infrastructure and Utilities group and leads the Energy Markets team. Ciara specialises in energy strategy and risk management. Her recent projects include a large scale Review of a European electricity sector for a national government, advisory work for a number of UK energy companies (strategy, risk management) and a variety of engagement on trading and hedging issues.

Prof. Ragnar E. Lofstedt

Director of King's Centre of Risk Management

Ragnar E. Lofstedt is Professor of Risk Management and the Director of King's Centre of Risk Management, King's College London, UK where he teaches and conducts research on risk communication and management. Previously he was a Reader in Social Geography at the University of Surrey, UK. He is also an adjunct Professor at the Harvard Center for Risk Analysis, Harvard School of Public Health where he co-directs the Risk Communication Challenge Course for continuing education professionals with Mr. David Ropeik, he is Adjunct Professor at the Department of Engineering and Public Policy, Carnegie Mellon University, and he is a Visiting Professor at the Centre for Public Sector Research, Gothenburg University, Sweden.

Dr. Lofstedt earned his BA and MA degrees at University of California Los Angeles (1988) and Clark University (1991), respectively, before completing his PhD in geography at Clark University (1993). After a post-doctorate position at the Risk, Society and Policy Group at the International Institute for Applied Systems Analysis (IIASA) (Laxenburg, Austria), he joined the University of Surrey as a lecturer in social geography. He has conducted research in risk communication and management in such areas as renewable energy policy, transboundary environmental issues (acid rain and nuclear power), telecommunications, biosafety, and the siting of building of incinerators, nuclear waste installations and railways. He is a believer in the building of public trust in regulators and industry via proactive risk communication and argues that high regulatory/industry trust is equivalent to low public perceived risk.

Prof. Lofstedt is the author/editor of ten books and over 90 peer reviewed articles/book chapters, is the editor-in-chief for *Journal of Risk Research*, editor of the Earthscan publications' Risk, Society and Policy book series, and is on the editorial boards of *International Journal of Risk Assessment and Management*, *Journal of Health Communication*, *Risk Analysis* and *Risk Management*. He is on the Society for Risk Analysis-Europe's Executive Committee and is the previous chair of the Society for Risk Analysis' Risk Communication Specialty Group. He is on the Academic Advisory Board of the UK National Patient Safety Agency, the Scientific Advisory Board of the UK Environment Agency, member of the European Food Safety Authority's Advisory Group on Risk Communications and the Swiss National Science Foundation's expert group on non-ionizing radiation. He is a senior advisor to the City of Vienna on risk communication and nuclear power and to the City of Gothenburg on climate change.

His work has been funded by the European Science Foundation, European Union, the National Science Foundation, the Swedish Council for the Planning and Coordination of Research (FRN) and UK EPSRC. He has given invited lectures on risk communication and management issues at Cambridge, Harvard Business School, Harvard's Kennedy School of Government, Harvard Law School, Jet Propulsion Laboratories-Cal Tech, MIT, NASA Head Quarters, Oxford, Princeton, and Yale School of Management. He has consulted widely for industry and regulators including Cellular Telecommunications Industry Association (CTIA), NASA, National Grid plc, Shell Oil, the State of Baden Wurttemberg (Germany), Swedish Chemical Industry Association, the Swedish Chemical Inspectorate, and Vattenfall AB. He is presently advising BBC News on how the corporation should communicate risk to the general public. In December 2000 Ragnar Lofstedt was awarded (as the first non American) the Chauncey Starr Award for exceptional contributions to the field of risk analysis for someone under the age of 40 by the Society for Risk Analysis and in 2005 he was made a Fellow of the Society for Risk Analysis.

Russell Marsh

Head of Policy Green Alliance

Russell joined Green Alliance in January 2005. He oversees the development and delivery of Green Alliance's policy programme and is responsible for project development, fundraising and representing Green Alliance to its stakeholders, which include senior decision-makers in government, business and the NGOs. He has contributed to a number of recent Green Alliance reports on energy and water policy and writes regular articles for a range of publications.

Prior to joining Green Alliance, Russell was Head of Policy at the UK Business Council for Sustainable Energy (Sept 2002 – Dec 2004) and Climate Change Policy Officer at WWF-UK (July 1998 – September 2002). He has a Masters in Environmental Studies from the University of Strathclyde.

Dr. Jon Gibbins

Imperial College and UK Carbon Capture & Storage Consortium

Jon is the Principal Investigator for the UK Carbon Capture and Storage Consortium (www.ukccsc.co.uk), a collaborative project involved 15 universities and research institutes funded under the Research Councils' TSEC programme. Recent and current work on CCS also includes a range of other projects for IEA GHG, DTI and BCURA, with particular interest in integrating capture processes effectively to improve CCS power plant performance and the development of 'capture ready' power plant options. Jon has also been actively involved in raising the awareness of possible roles for CCS as part of a more sustainable UK energy supply, including several invited presentations to Parliamentary groups as well as for academic and professional meetings and the media. He was recently called to give oral evidence to the Science and Technology Committee inquiry on CCS as part of a UKCCSC group.

Internationally, Jon is a member of the IEA GHG CO₂ Capture Test Network, He was the lead academic for CO₂ capture on a UK DTI mission to study CCS in Australia, and was recently invited to speak on near-term actions for CCS at a meeting in Beijing organised by Stanford University's GCEP programme. He was very pleased to be able to combine this with attending the first Chinese government/academic meeting on CCS. Jon also has close working relationships with leading university and industry CCS groups in Canada.

Carola Hoyos

Financial Times

Carola Hoyos is the FT's energy correspondent, taking up the position in 2003. Previously, she had been the United Nations correspondent, based in New York, covering – among other things – the lead up to the Iraq war and the oil-for-food scandal.

Before joining in the FT in 1999 she was a reporter for Bridge News Service in Los Angeles and New York, writing primarily about energy. In 2000, she was part of a team of FT journalists who won the UK's Foreign Press Association award for best business and finance story for their investigative series on Africa's blood diamonds crisis.

Carola has a degree in economics and international relations from Tufts University in Massachusetts.

She appears regularly on television and radio and specialises in geopolitical and international energy issues.

Trends in International Energy Security: Implications for Foreign Relations & Global Markets

5 April 2006 - Lehman Brothers, Canary Wharf, London

This conference aims to analyze the impact that energy trends and international security issues have on the world energy market and on related geopolitical dynamics.

The event will bring together a high level, multi-stakeholder constituency to identify the dynamics of global security energy risks, the development of future global energy flows and energy infrastructure security. It will identify the key consequences and necessary requirements of main investors, financial communities and industry, and will further identify and integrate the appropriate solutions available, both long and short term, required to increase the security and resilience of their energy systems.

The event will be in partnership with the HSR Dept of RUSI and supported by KPMG & Global Union Energy Ventures.

Speakers include:

Malcolm Wicks MP	Minister of State for Energy, Department of Trade and Industry
George Kowalski	Director, UN Energy Security Forum & Committee for Sustainable Energy
Paul Hueper	Senior Consultant, Petroleum Economist
Simon Wardell	World Markets Research Centre
Wim Thomas	Head of Global Energy Business, Shell
Dr Paul Golby	Chief Executive Officer, Powergen
Dr Anthony Marsh	Director, Power Energy & Utilities, EBRD
William Vereker	Director, European Utilities & Corporate Finance, Lehman Brothers
Peter Kernan	Head of European Utilities, Standard & Poors
Stuart Brown	Head of Energy, Swiss Re
Nigel Alington	Head of Political & Economic Risk, AON
Stephen Machin	Head of Utilities, KPMG
Mark Lindsay	Director, Janusian Security Risk Management
Angus Cooper	Business Director, Thales Defence

Topics include:

1. Energy Security & Economic Interaction: Challenges for Government
2. Global Perspectives & Challenges in Energy Security & Diplomacy
3. Fundamentals of International Energy Infrastructure Security: Risk Mitigation
4. Oil Security: The Economic Concerns
5. Governance of the World Energy System: the Context of World Scenarios
6. Power Generation – Strategic Investment Issues
7. EBRD Energy Policy & Key Strategic Challenges in Countries of Operation
8. Scale and Risks in Financing Global Energy Investments: Trillion \$ Questions
9. Interaction of Energy Security Risks & Credit Rating
10. The Future of Risk Financing & Insurance in the Energy Sector
11. Strategic Risk Management Strategies – Future Expectations
12. Corporate Risk Measures – Protecting Business Lines
13. The Approach of Transnational Petroleum Corporations to Security in Conflict Zones
14. Physical Security Solutions in a Practical Environment Solutions
15. Counter-Terrorism – Trends & Issues for Energy & Critical Infrastructure (speaker tbc)

