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Economist

Events

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THE ENERGY SUMMIT

The new realities of the energy industry

NOVEMBER 4TH-5TH 2015 | THE HAC | LONDON

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WHAT WILL THE ENERGY INDUSTRY LOOK LIKE 15 YEARS FROM NOW?

There is little doubt that fast-changing energy supply and demand trends and the recent fall in energy prices are altering the landscape for the energy business as we know it today: even with the expectation that oil prices will eventually rise to some extent from recent lows. Indeed commodities such as oil always go through cycles, but the dramatic fall in the oil price since last year has prompted a frenzy of speculation about what it all means for the global energy future.

Couple this with the forthcoming climate change conference in Paris in November this year and it is evident that whatever the future holds, the energy industry is likely to look very different by 2030.

Join us to debate:

- What are the drivers for energy demand and supply going into the future?
- How much investment is needed to meet this demand, and where should it be directed?
- What will the implications of COP 21 be for the energy business?
- What is the future for unconventional oil and gas?
- What role will OPEC play in 2030?
- How will energy policy evolve at a global, regional as well as a national level?
- Where will oil and gas fit in to a low-carbon future and how quickly will the use of renewables grow?
- What technological changes will we see over the next 15 years and how will these impact the energy landscape?
- How do we develop an energy system that cuts the use of emissions while providing affordable and available energy for all?

Register by July 31st and save £200 on the standard rate.

Visit: www.energysummit.economist.com for more details.

WHY ATTEND:

JOIN more than **150 senior representatives** from the supermajors, the independents and national oil companies; executives in the power, utility and renewable sectors; as well as policymakers, economists and academics.

To DISCUSS and DEBATE the future of the energy business and what it will look like 15 years from now.

NETWORK and QUESTION policymakers, government and industry leaders from organisations including: BP, Cuadrilla Resources, Drax Group, the EIA, EDF, ERG, Pioneer Natural Resources, Shell, The Climate Group, Vitol and many more.



PROGRAMME

Wednesday, November 4th 2015

08:50

CHAIRS' OPENING REMARKS

Edward Lucas, *Energy Editor, The Economist*

Roger Harrabin, *Energy and Environment Analyst, BBC*

09:00

WELCOME ADDRESS

Rt Hon Amber Rudd MP, *Secretary of State for Energy and Climate Change, UK*

09:20

OPENING SCENE SETTER: THE NEW REALITIES OF THE ENERGY INDUSTRY

What will a low-carbon future look like? What sort of energy will we be able to use in the future? What kind of market mechanisms will we see?

Nick Butler, *Visiting Professor and Chair of the Kings Policy Institute, Kings College London*

Peter Kiernan, *Lead Analyst, Energy, Economist Intelligence Unit*

Paul Stevens, *Distinguished Fellow, Energy, Environment and Resources, Chatham House*

Penelope Warne, *Senior Partner, Head of Energy and Chairman of the Board, CMS*

10:00

POLICY PANEL: THE POLITICS OF THE ENERGY BUSINESS

What implications has the recent fall in oil price had on policy planning? How will policy change to ensure a low-carbon future? What do policy makers see as the optimum energy mix? What and who will influence future policy?

10:50

MORNING REFRESHMENTS

11:20

INTERVIEW: EU POLICY ONE YEAR ON

On November 1st 2014, the new European Commission took office and this interview will focus on the EU's energy policy one year in. The chair will discuss progress made to date with the ambitious plans for the Energy Union.

What does a low-carbon future for Europe look like? How will EU targets shape Europe's energy mix?

Dominique Rostori, *Director General for Energy, European Commission*

WHAT PEOPLE SAY ABOUT OUR EVENTS:

“A great variety of topics and senior speakers.

President Clean Energy Europe, AMEC

“Comprehensive range of diverse news, well presented.

Head of Industry Engagement, Xoserve



11:40	<p>HIGH-LEVEL PANEL DISCUSSION: A VIEW FROM THE TOP</p> <p>This panel discussion will bring together global energy business leaders to present their vision of what the energy industry will look like in 2030.</p> <p>Philippe Boisseau, <i>President, Marketing and Services and President, New Energies</i>, Total</p> <p>Eldar Sætre, <i>President and Chief Executive Officer</i>, Statoil</p> <p>Dev Sanyal, <i>Executive Vice-president, Strategy and Regions and Member of Group Executive Committee</i>, BP</p> <p>Ian Taylor, <i>President and Chief Executive Officer</i>, Vitol</p> <p>Maarten Wetselaar, <i>Executive Vice-president, Integrated Gas</i>, Shell</p>
12:30	<p>INTERVIEW: STRATEGIC MANAGEMENT AND LOOKING TO THE FUTURE</p> <p>In this one-on-one interview, an expert will share some insights into recent activity that has been seen across the energy industry and what an investment future for energy will look like in a low price environment and low-carbon future.</p>
12:50	<p>LUNCH</p>
13:50	<p>HARD TALK: THE BUSINESS OF TRANSITIONING</p> <p>Drax, which operates the UK's largest power station and supplies about 8% of the UK's electricity, has converted two of its generating units from coal to biomass and is on track to convert the third of its six units during 2015 and 2016.</p> <p>Dorothy Thompson CBE, <i>Chief Executive</i>, Drax Group</p>
14:05	<p>PANEL DISCUSSION: THE RISE OF RENEWABLES?</p> <p>What will the renewables landscape look like in 2030?</p> <p>Where will growth come from? In 2030, what will the contribution of renewables be to energy supply? What will it mean for energy companies? What are the implications on market mechanisms?</p> <p>Neil Auerbach, <i>Chief Executive Officer and Managing Partner</i>, Hudson Clean Energy Partners</p> <p>Luca Bettonte, <i>Chief Executive Officer</i>, ERG</p> <p>Thierry Lepercq, <i>Chairman</i>, Solairedirect</p>
14:55	<p>ONE-ON-ONE: A SPOTLIGHT ON INDIA</p> <p>India's energy minister has pledged that the government will create a "renewables superpower" and to follow on from the previous panel discussion, this one-on-one session will provide the audience with an opportunity to explore the country's potential and the rapidly developing Indian power sector.</p> <p>Ravi Kailas, <i>Founder and Chairman</i>, Mytrah Energy</p>

WHAT PEOPLE SAY ABOUT OUR EVENTS:

High calibre of speakers and delegates.

*External Affairs Manager,
Good Energy*

97% of past attendees would recommend the event to a colleague.



15:15	IN CONVERSATION: INTEGRATING RENEWABLES <p>To ensure a low-carbon future, renewables must be effectively integrated into the grid. In this session, a senior expert will share their insights into what challenges need to be overcome and what strategies need to be put in place to ensure the effective integration of renewables. Using Europe as a basis for this discussion, the speaker will focus on the technological as well as regulatory requirements and share their thoughts on how effective integration will impact on future market mechanisms.</p> <p>David Walker, <i>Chief Executive Officer, DNV GL – Energy</i></p>
15:35	AFTERNOON REFRESHMENTS
16:05	PANEL DISCUSSION: THE FUTURE FOR UNCONVENTIONALS <p>What does the future hold for unconventional exploration and how will shale oil and gas fit into the energy mix in 2030?</p> <p>Francis Egan, <i>Chief Executive Officer, Cuadrilla Resources</i> Howard Gruenspecht, <i>Deputy Administrator, U.S. Energy Information Administration (EIA)</i> Scott Sheffield, <i>Chairman and Chief Executive Officer, Pioneer Natural Resources</i></p>
16:55	KEYNOTE ADDRESS: A FIRESIDE CHAT – OPEC AND ITS NEXT 15 YEARS <p>In a possible low-carbon and low oil price future, what role will OPEC play?</p>
17:20	CHAIR'S CLOSING REMARKS
17:30	CLOSE OF SUMMIT DAY ONE AND NETWORKING EVENING RECEPTION

HOSTED BY:



Thursday, November 5th 2015

08:50	CHAIRS' WELCOMING REMARKS
09:00	PANEL DISCUSSION: THE IMPLICATIONS OF COP 21 <p>On this panel, a selection of leading experts will share their views on what COP 21 will bring. They will discuss how much room there will be for negotiation and what they predict to be the subsequent outcome.</p> <p>Vidar Helgesen, <i>Minister of EEA and EU Affairs and Chief of Staff at the Office of the Prime Minister, Government of Norway</i> Jean-Bernard Lévy, <i>Chairman and Chief Executive Officer, EDF Group</i> Antoine Rostand, <i>Global Managing Director, Schlumberger Business Consulting</i></p>



09:50	PANEL DISCUSSION: EUROPE'S LOW-CARBON FUTURE <p>Ahead of COP 21, the European Union has already agreed to both a 2020 Climate and Energy Package and a 2030 Framework for Climate and Energy. On this panel, experts will discuss what needs to be done to achieve these ambitious goals. Are they achievable?</p> <p>Mark Kenber, <i>Chief Executive Officer, The Climate Group</i> Johannes Meier, <i>Chief Executive Officer, European Climate Foundation</i></p>
10:40	MORNING REFRESHMENTS
11:10	PANEL DISCUSSION: THE ROLE OF TECHNOLOGY IN THE ENERGY BUSINESS OF THE FUTURE <p>Panellists will discuss the role of technology and debate a number of questions such as whether green technologies should continue to be subsidised; whether one technology merits more investment than others and what technologies we will be using in 2030.</p> <p>David Clarke, <i>Chief Executive Officer, Energy Technologies Institute (ETI)</i> David Eyton, <i>Head of Technology, BP</i> Arthur Kay, <i>Co-founder and Chief Executive Officer, bio-bean</i> Larry Ryan, <i>Business President, Energy and Water Solutions, The Dow Chemical Company</i></p>
12:00	INTERVIEW: THE GEOPOLITICS OF ENERGY IN 2030 <p>In this interview, a world renowned thought leader on the topic of geopolitics and energy will explore the ways in which the changes to the energy industry over the next 15 years will shape global geopolitics in 2030.</p> <p>Jason Bordoff, <i>Founding Director, Center on Global Energy Policy, and Professor of Professional Practice in International and Public Affairs, School of International and Public Affairs, Columbia University</i></p>
12:20	CHAIRS' CLOSING REMARKS
12:30	CLOSE OF SUMMIT AND LUNCH

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FEATURED SPEAKERS INCLUDE:

SUMMIT CHAIRS: Edward Lucas, *Energy Editor, The Economist* and Roger Harrabin, *Energy and Environment Analyst, BBC*



Rt Hon Amber Rudd
MP
Secretary of State for
Energy and Climate
Change
UK



Luca Bettonte
Chief Executive Officer
ERG



Philippe Boisseau
President, Marketing
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President, New
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Total



Francis Egan
Chief Executive Officer
Cuadrilla Resources



Howard Gruenspecht
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**U.S. Energy
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Ravi Kailas
Founder and
Chairman
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Mark Kenber
Chief Executive Officer
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Peter Kiernan
Lead Analyst, Energy
**Economist Intelligence
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Chairman
Solairedirect



Jean-Bernard Lévy
Chairman and Chief
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EDF Group



Dominique Ristori
Director General for
Energy
European Commission



Eldar Sætre
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Statoil



Dev Sanyal
Executive Vice-
president, Strategy
and Regions and
Member of Group
Executive Committee
BP



Scott Sheffield
Chairman and Chief
Executive Officer
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Paul Stevens,
Distinguished Fellow,
Energy, Environment
and Resources
Chatham House



Ian Taylor
President and Chief
Executive Officer
Vitol



David Walker
Chief Executive Officer
DNV GL – Energy



Penelope Warne
Senior Partner, Head of
Energy and Chairman
of the Board
CMS



Maarten Wetselaar,
Executive
Vice-president,
Integrated Gas,
Shell

ALSO FEATURING: Neil Auerbach, Jason Bordoff, Nick Butler, David Clarke, David Eyton, Arthur Kay, Johannes Meier, Antoine Rostand, Larry Ryan and Dorothy Thompson.

For the full speaker line up, visit: www.energysummit.economist.com

DELEGATE FEES (PER PERSON)

Category	Register on or before July 31st 2015	Register after July 31st 2015	Quantity	Total
Standard booking rate	£1095 + VAT	£1295 + VAT		
The Economist subscribers	£876 + VAT	£1036 + VAT		
Government and public sector/ NGOs/Universities, academics	£766.50 + VAT	£906.50 + VAT		
Total				

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Company industry sector		
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☐ We require an invoice to raise payment (Only for bookings made before September 30th 2015)
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Cancellations: Should you not be able to attend the event, substitutions can be made at no extra charge up until the event. If a suitable replacement cannot be found, then an administration fee of 20% will be incurred for cancellations received more than 21 days prior to an event. When a cancellation is made less than 21 days prior to an event, the registered delegate is liable for full payment of the fee. Economist Events reserve the right to change the programme if necessary.

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Signature:

Date: