

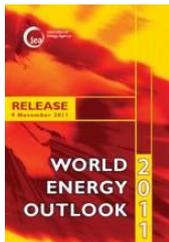
EUROPE'S UNCERTAIN ENERGY FUTURE

A high-level European Policy Summit
Wednesday 23 November 2011, Brussels

09.30 – 10.00 Welcome Coffee and Registration of Participants

Session I 10.00 – 11.00	WORLD ENERGY OUTLOOK 2011 PRESENTATION: THE RISING TIDE OF UNCERTAINTIES
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The Arab spring, the Eurozone crisis, Fukushima and rising prices from oil to nuclear energy have greatly changed the outlook for Europe's transition to a low-carbon energy system. What new trends are highlighted in the International Energy Agency's World Energy Outlook (WEO) 2011, and what are the implications for EU and national policymakers? What is likely to be the impact on Europe's economic recovery of higher energy prices and how fundamentally will Fukushima affect the nuclear sector? With the uncertainties stemming from the Arab spring, what will Europe's long-term oil supplies from the Middle East look like? What is the impact of these recent developments on the 2°C target for limiting climate change?



- § Presentation by **Fatih Birol**, Chief Economist of the International Energy Agency (IEA) on the World Energy Outlook (WEO) 2011
- § Comments and dialogue with the Summit's participants

Co-moderated by **Giles Merritt**, Secretary General of *Friends of Europe*, and **Willy De Backer**, Head of *Friends of Europe's* Greening Europe Forum

11.00 – 11.30 Coffee Break

Session II 11.30 – 13.00	THE GOLDEN AGE OF GAS: OPPORTUNITIES AND RISKS
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Both the shale gas revolution in North America and the booming LNG trade are stimulating interest in Europe and around the world, with global demand for natural gas forecast to surge by up to 44% between 2008 and 2035. Will new developments in gas decrease Europe's dependence on Russia, and could it also be that the coming gas revolution will delay investment in renewable forms of energy? If EU governments cut support for renewables, could the 'Golden Age of Gas' mark a backward step in the struggle against climate change? How will forecasts of cheaper gas affect the planned Caspian pipelines to Europe? Will Europe ever see substantial production of shale gas, and what are the environmental pros and cons of a future gas revolution?

Maria da Graça Carvalho MEP	Member of the European Parliament Committee on Industry, Research and Energy
Michael Hoffmann	External Affairs and Communications Director, Trans Adriatic Pipeline (TAP)
Heinrich Herm Stapelberg	Public & Government Affairs Manager, Central Europe, ExxonMobil
Martin Stewart-Smith	Energy Lawyer & Partner, Energy Transactions Practice, Morgan, Lewis & Bockius
Sven Teske	Director of the Greenpeace International Renewable Energy Campaign

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13.00 – 14.00 Lunch

Session III
14.00 – 15.30 **DECARBONISING AND SECURING EUROPE'S ENERGY FUTURE**

The European Commission Roadmap for Europe's energy future that will be published by the end of the year will identify policies and instruments urgently to be put in place if Europe is to achieve a low-carbon energy system by 2050. What vision lies behind this roadmap and what are the limits of an EU-only action? Will it bring Europe closer to one integrated energy market and why do we need it? Is it essential to integrate our European electricity systems? Can it help ensure that Europe reduces its dependence on fossil fuels, and does it point to a future for renewables and nuclear power in the EU's energy mix? How does energy efficiency fit into the new EU vision, and what scale of investment will be needed in smart grids and new energy infrastructures?

Introductory remarks by **Günther Oettinger**, EU Commissioner for Energy

- Ben Caldecott** Head of European Policy, Climate Change Capital
- Andreas John** Member of the Board and Head of Transmission Systems Operations, Swissgrid
- Auke Lont** Chief Executive Officer, Statnett
- Isabelle Muller** Secretary General, European Petroleum Industry Association (EUROPIA)

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15.30 End of Summit



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