



IEA informal workshop

OUTLOOK FOR RENEWABLE ENERGY

Paris, France, 26 April 2010

BACKGROUND

The *World Energy Outlook*, the IEA's flagship publication, provides a rigorous analytical framework for energy policy makers and the energy industry, based on robust quantitative analysis. In addition to providing a new set of comprehensive long-term energy projections, and following on from previous years' focus on oil and gas, this year's edition will include a special in-depth analysis of the prospects for renewable energy. The analysis will examine the role of renewable energy in enhancing energy diversity and security as well as achieving deep CO₂ emission cuts in an economically competitive manner. The analysis will be global in coverage and will cover OECD countries as well as major non-OECD countries. Special attention will be given to renewable energy prospects in the Middle East and North Africa regions.

This analysis will be underpinned by an updated assessment of the economics of different renewable energy technologies and how these are expected to evolve over time, including the cost of integrating variable renewables into networks. It will also include a focus on investment and financing options to further increase deployment rates as well as a discussion on the most effective and economic policy options that could be employed to overcome technical and market barriers.

Specific issues to be addressed include the following:

- Investment and financing: near-term investment plans for renewable energy deployment, as well as the long-term need for capital expenditure and financing arrangements, in the context of the slowdown in investment resulting from the financial crisis.
- Integration: the potential of "smart grids" and new energy storage technologies to increase renewable integration, grid management and system interoperability.
- Biofuels supply: the potential for biomass, promising new technologies, and any possible conflict with non-fuel uses of biomass.
- Regional perspectives: focusing in particular on major economies, including case studies of policy frameworks to support renewable energy development.

A special session of the workshop will be dedicated to the DESERTEC project. This informal workshop is intended to bring together high-level experts – by invitation only – to provide an opportunity for the IEA to seek views and information on renewable energy prospects from industry, policy makers and other stakeholders. The results of the meeting will help to shape the key findings and messages of the study.

The meeting will be informal in nature and will be held according to the Chatham House Rule, according to which *participants are free to use the information received, but neither the identity nor the affiliation of the speaker(s), nor that of any other participant, may be revealed*. Each session will be introduced with a short presentation by an invited expert, to be followed by an open roundtable discussion.

PRELIMINARY AGENDA

9:00 – 9:30: Registration and coffee

9:30 – 9:45: Introduction: WEO 2010 and scope of the meeting: Fatih Birol, Chief Economist, IEA

9:45 – 10:00: Keynote speech: H  l  ne Pelosse, Interim Director General, IRENA

10:00 – 11:00: Session 1: Investment and financing

Chair: Michael Liebrich, Chief Executive, Bloomberg New Energy Finance

11:00 – 11:30: Coffee break

11:30 – 11:45: Special address: Hans J  rgen Koch, Deputy State Secretary, Ministry of Climate and Energy, Denmark

11:45 – 12:45: Session 2: Network integration

Chair: Antonio Hern  ndez Garc  a, Director General for Energy policy and Mining, Ministry of Industry, Tourism and Trade, Spain

12:45 – 13:45: Lunch

13:45 – 14:00: Special address: Professor Thomas Bruckner, IPCC

14:00 – 15:00: Session 3: Biofuels and biofuel supply prospects

Chair : (TBC)

15:00- 16:00: Session 4: Regional perspectives

Chair: Peter Brun, Senior Vice President and Head of VESTAS Government Relations

16:00 – 16:30: Coffee break

16:30 – 17:30: Session 5: Renewables in North Africa and beyond

Chair: tbd

17:30 – 17:45: Conclusions : Fatih Birol, Chief Economist, IEA

17:45 – 18:15: Cocktail hosted by IEA