



**Expanding Renewable Generating Capacity by 2030  
Technology and Policy Challenges**

**Round Table Discussion**

Brussels, January 8<sup>th</sup> 2009

Increasing concerns on energy security and climate change require a considerable expansion of renewable power sources capable of delivering not just energy but a wide array of critical grid services. Prior to the first UCTE conference on Grid Reliability we invite you to a roundtable discussion among a few selected experts. The purpose of this conversation will be to investigate options and necessary steps to integrate the North Sea and Atlantic offshore wind and the Southern European and North African solar thermal into the European power grid. We will consider the role of existing hydroelectric systems and the development of smart-grid technologies for demand balancing. Participants will try to identify the necessary steps to achieve a large-scale integration of renewables – in an order of magnitude of 30% or more of total EU firm generating capacity – by 2030.

The round table discussion will take place the morning of January 8th, starting at 10:00 a.m. at the European Parliament in Brussels; it will end in time to join the networking lunch planned for the UCTE conference at 1:00 p.m. The round table discussion will follow Chatham House rules.

Should you be interested in this event, please send an e-mail to [antonella@pik-potsdam.de](mailto:antonella@pik-potsdam.de). We will be happy to provide you with further information.

With best regards,

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