



**Energy Systems Integration:  
Harnessing Innovation for a Low Carbon, Sustainable Economy**

Round Table Discussion in support of COP21, Paris, France  
7th December 2015

Energy System Integration (ESI) is the process of optimising energy and related systems across multiple pathways and physical scales. Well integrated energy systems reduce emissions, are energy efficient, economic and sustainable. ESI is a prerequisite in delivering the core elements of climate change mitigation: a transition from fossil fuels to renewable energy and dramatic improvements in energy efficiency. This Round Table Discussion will highlight the role of research and the complimentary role of industry in attaining an integrated and sustainable energy system through international collaboration in support of the COP21 targets.

<b>Time</b>	<b>Speaker</b>	<b>Topic</b>
4.00-4.05	Ambassador Geraldine Byrne Nason	Welcome
<b>ESI research- a Paris COP Agreement</b>		
Moderator: Avril Doyle		
4.05-4.20	Prof. Mark O'Malley (Director Energy Institute, UCD)	ESI Background & UCD Energy Institute's International Role
4.20-4.35	Sean O'Driscoll (CEO, Glen Dimplex)	ESI, Business Growth and Job Creation
4.35-4.50	Fabien Roques (Senior Vice President, Compass Lexecon)	What Policies are needed for ESI?
4.50-5.05	Doug Arent (Executive Director of the Joint Institute for Strategic Energy Analysis , NREL)	US Perspective
5.05-5.20	Schneider Representative TBC	TBC
5.20-5.35	Prof. Goran Strbac (Chair in Electrical Energy Systems, Imperial College London)	Maximising the Technical & Market Potential of ESI to support Cost-Effective Transition to a Lower Carbon Energy Future
5.35-5.55	Comments from Attendees	
5.55-6.00	Sean Kelly (MEP)	Closing Comments
6.00-7.00	Reception	

To register for this event, please click [here](#)