



# The Role of Bioenergy in the UK's Future Energy System

10 March 2016, 18:00 for 18:30

SCI, London, UK

Join SCI's Energy Group at their first event on 10 March 2016!

Bioenergy can play a significant and valuable role in the future UK energy system, especially when combined with Carbon Capture Storage. Together they can deliver net negative emissions of c.-55 million tonnes per year, and meet around 10% of UK energy demand in the 2050s, ultimately reducing the cost of meeting the UK's 2050 Green House Gas (GHG) emission reduction targets by more than 1% of GDP. Yet the bioenergy sector is immature, reflecting both its complexity, in terms of the multiple value chains that could be deployed; and the political and scientific uncertainties around land use change and the sustainability of using biomass for energy. The UK Government has highlighted the need to ensure that bioenergy delivers genuine carbon savings, and that the impact of direct land use change (dLUC) to biomass production is better understood. The work to be presented by our keynote speaker seeks to address these issues for bioenergy crops in the UK. It has enabled the ETI (Energy Technologies Institute) to identify options for delivering GHG emission savings through UK bioenergy value chains.

The event will comprise a keynote presentation by Geraint Evans, Programme Manager - Bioenergy, ETI, on its recent report on Bioenergy. This will be followed by a panel Q&A session. On the panel will be Namdar Baghaei-Yazdi, University of Westminster; Adam Brown, IEA; Niall MacDowell, Imperial College London and Richard Stark, AB Agri. There will also be time to network with fellow delegates and speakers during the wine reception which will follow the event. The event is free, but please register online to secure your place: <http://bit.ly/Bioen>.

SCI is uniquely positioned to provide an independent, multidisciplinary science-based perspective on the energy trilemma - sustainability, affordability and security of supply - and to bring together critical inputs and thinking from industry, academia and the public sector.

**Book today!**

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Event organised by SCI's Energy Group

