

CO2Chem Network Launch

7th & 8th September 2010

RSC, Burlington House, London



The CO2Chem network was officially launched in September 2010 at the Royal Society of Chemistry in London. The network which is funded by the Engineering and Physical Sciences Research Council; brings together scientists, academics and industrialists with an interest in the conversion of carbon dioxide into useful feedstocks and products.

The 2 day launch event gathered 80 members of the network together to hear about the current state of Carbon Capture and Utilisation (CCU) in the UK and to set the agenda for the network.



During the first day presentations were given by: Jon Gluyas of the N8 Partnership on Carbon Capture, Mike North of Newcastle University on Catalysis, Mohammad Zhandi of Corus on Biomass as a CO₂ source, Peter Edwards of University of Oxford on Conversion to Fuels, Sue Ellis of Johnson Matthey on the Industrial perspective of CCU.

Prof Martyn Poliakoff of University of Nottingham summed up the first day with concluding remarks encouraging the network to think about "How can we energise the community, the network is not big enough! How can we impact on UK

science? The UK is small but punching above it's weight! How can we impact on world science!

The second day of the event included a panel discussion between Quentin Cooper, Journalist; Chris Satterley, EON; Ian Little, INEOS; Lenny Koh, University of Sheffield and Claire Higglet, EPSRC. The remainder of the day was spent setting the direction for the network. After 2 networking and discussion exercises it was decided that CO2Chem will focus on 3 areas of CCU:

- **CO₂ conversion to Bulk Chemicals (including fuels)**
- **CO₂ conversion to Fine Chemicals**
- **Carbon Capture**

With overarching themes of:

- **Catalysis**
- **Process Engineering**
- **Biosynthesis**
- **Social Impact**

It was decided that the network will meet to discuss each of the three themes, to highlight opportunities and possibilities in each area, to share expertise and to form collaborations and partnerships.

Powerpoint presentations that were given at the launch are available for CO2Chem network members to download from the 'members' section of the website.

For more information or to join the CO2Chem please contact, Katy Armstrong, katy.armstrong@sheffield.ac.uk

