

Biotransformations in CCU applications

Thursday 22nd November 10.30m – 4.30pm

TATA, Swinden Technology Centre, Moorgate, Rotherham, S60 3AR

Do you have an industrial interest or research expertise in biotransformations in carbon capture and utilization?

If so we invite you to a free workshop to discuss this fast emerging area, to share views, to identify key scientific & industrial research priorities and to help build UK strengths. The workshop will include presentations from TATA, University of Sheffield and Bangor University and opportunities for each attendee to present their company or research.

This is the first meeting of the newly formed Biotransformations Cluster within the CO₂Chem network. The Cluster will meet once per year to discuss the research challenges in the field of biotransformations using CO₂. The cluster will encourage new collaborations to be formed and current research to be shared.

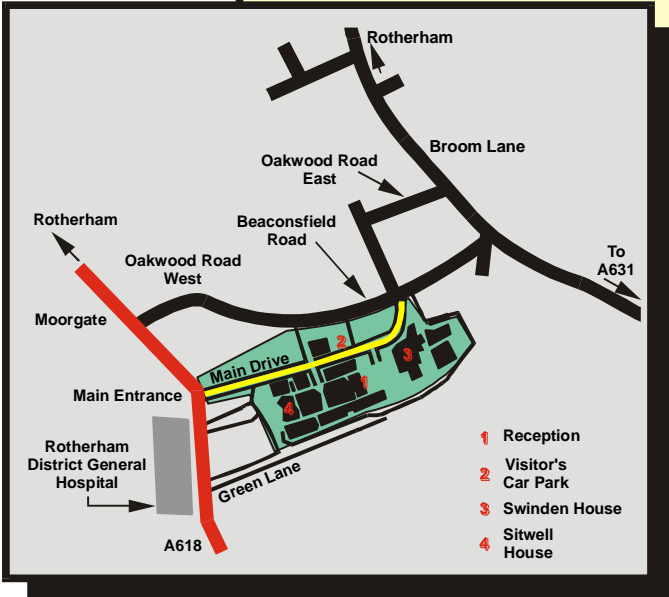
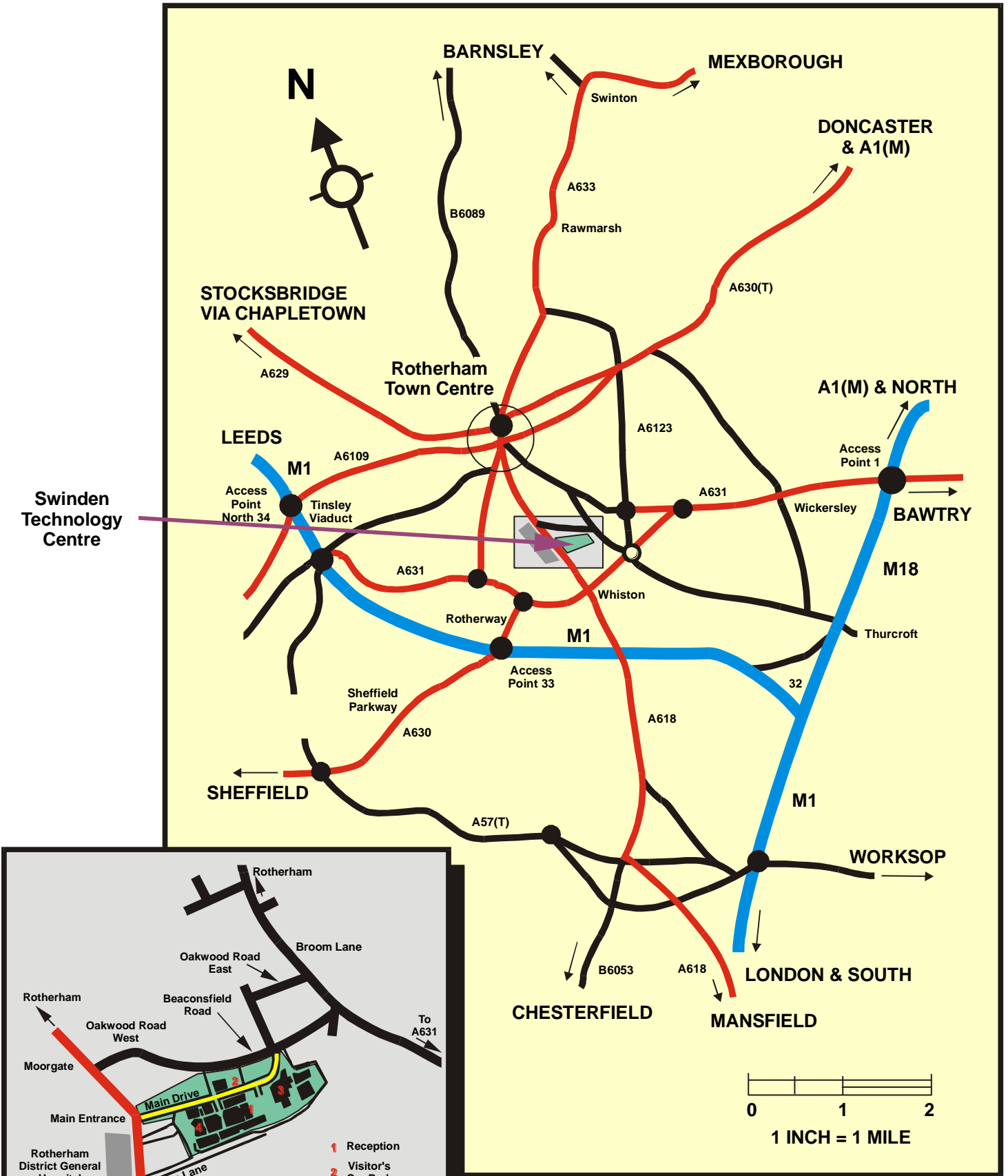
CO₂Chem is a network bringing together people interested in CO₂ utilization. It has over 400 members from academia and industry looking at all aspects of the utilization of CO₂. CO₂Chem is funded by the EPSRC.

www.co2chem.com

Agenda

10.30am	Coffee and registration	
10.45am	Welcome and Introduction	
11am	Update on CO ₂ Chem	Katy Armstrong
11.15am	Introduction to biocatalysis using scCO ₂ as a reaction medium	Ray Marriott
11.45am	Algae for carbon capture and production of valuable chemicals	Raman Vaidyanathan
12.15pm	Industrial perspective on using biotransformations to capture carbon dioxide	Steve Woolass
12.45pm	Lunch	
1.45pm	Flash Presentations	All participants
3pm	Coffee and discussion on challenges facing biotransformations in CO ₂ utilization	
4.30pm	Finish	

To book please contact steven.woolass@tatasteel.com



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