

Bioenergy Special Interest Group Seminar
Biogas for Heat, Power and Transport

Joint Event

Birmingham City University & Harper Adams University College Initiative
Bioenergy West Midlands

Monday 29th June 2009

**Technology Innovation Centre, Birmingham City University,
Millennium Point, Birmingham, B4 7XG**

The next joint seminar and meeting of the SIG will take place at Birmingham City University's Millennium Point Campus on 29th June 2009.

The theme of the seminar is biogas for power, heat and transport and will focus on the legislative drivers encouraging biogas technology, how biogas is produced, with two case studies of UK Anaerobic Digesters

The seminar will also examine the potential for utilising algae photo-bioreactor systems integrated with an anaerobic digestion system CHP scheme. The use of algal systems offers the potential for carbon sequestration and for the production of biofuels. There will also be an opportunity to tour the Engine Test Cells operating at the University.

The Bioenergy Special Interest Group (SIG) was first formed in 2006 and became an effective network that included the whole biofuels supply chain from crop growing through to end users. Since then, Birmingham City University's Faculty of Technology Innovation and Development has been supporting West Midlands SMEs in pursuing business opportunities in the biofuels markets. The University has worked with SMEs to evaluate the business opportunities of biofuels and to widen the applications from transport to include CHP and the benefits of ROC trading. Seminars have been held regularly bringing in expertise from all over the UK and internationally.

The BioenergyWM Initiative was established in 2005 by Harper Adams University College. The broad vision of this initiative is to promote interest and activity in, and markets for, bioenergy in the West Midlands. Funding for delivery of the BioenergyWM initiative is provided by the AWM Science City Demonstration Fund.

Why you should attend the seminar: SIG Seminars bring in expertise from all over the UK and internationally and provide a forum for learning about new technologies, discovering opportunities and accessing resources for business development through research with Universities, and for networking.

Who should attend?

- Technology Providers
- Project developers
- Local Authorities
- Transport companies

See the full programme overleaf

To register, email Sonia Large, Project Officer for Bioenergy West Midlands: slarge@harper-adams.ac.uk or tel: 01952 815019, giving your name, job title, company name and contact details.

The seminar is free to attend. Places will be allocated on a first come first serve basis.



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Biogas for Heat, Power and Transport

Programme

Time	Topic	Speaker
9.30	Registration and Coffee	
10.15	Introduction	Mike Ahearne Birmingham City University Dr Andrea Humphries Harper Adams University College
10.45	Legislative Drivers: <ul style="list-style-type: none"> • ROCs • Feed-in tariffs • Renewable Heat Incentives 	Catherine Burke Martineau UK
11.15	Tea and Coffee Networking	
11.45	Anaerobic Digestion in the UK	Dr. Jonathan Scurlock NFU
12.05	Anaerobic Digestion Case Study Farm-scale	TBA
12.30	Anaerobic Digestion Case Study Commercial-scale	Dr Hugh Bulson Organic Resource Agency (ORA)
13.00	Lunch Networking	
14.00	Pyrolysis	Dr Andreas Apfelbacher Aston University
14.30	Biomethane	National Grid E.ON John Baldwin
15.00	Tour of Engine Test Cells Tea and Coffee Networking	
16.00	Future vision	Lynsey Melville Birmingham City University Dr Andrea Humphries Harper Adams University College
16.30	Drinks Networking	

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Directions

**Technology Innovation Centre
Millennium Point
Curzon Street
Birmingham
England
B4 7XG**

T: 0121 331 5400



Getting to the tic by foot

The tic is based in the heart of Birmingham, only a 15 minute walk from New Street Station.

Exit the New Street Station via the Car Park exit and bear left. Walk under the tunnel towards Moor Street Station. Walk past the station on Moor Street Queensway, then turn right at Island House and continue left along Albert Street onto Curzon Street and Millennium Point will be on your left hand side.

Getting to the TIC by road

From M6

Jct 6 (A38(M) Aston Expressway) - 3 miles Follow signs to City Centre, on the A38(M). After the first exit follow signs for Ring Road and Convention Centre. You immediately come to Dartmouth Circus roundabout (just off the top of the map). Take the first exit (Dartmouth Middleway, Ring Road, A4540). At the next island take the third exit (Jennens Road).

From M5

Jct 3 (Hagley Road) - 9 miles Follow A456 into Birmingham for approximately 6 miles, through the tunnel at Five Ways, onto Broad Street. Follow signs for A38 (Aston Express Way) onto Great Charles Queensway. Proceed under the tunnel onto St Chads Queensway. Indicate left as you exit and go down to the island at the bottom. Take the 2nd exit onto Corporation Street to Dartmouth Circus roundabout (just off the top of the illustrated map). Take the last exit (Dartmouth Middleway, Ring Road, A4540). At the next island take the third exit (Jennens Road).

From M42

Jct 6 (Coventry Road) - 11 miles Follow A45 City Centre for approximately 7 miles. You will then reach a large traffic island (Bordesley Circus). Follow signs for M6 into Watery Lane Middleway. Continue to follow signs for the M6 to the third island, at which you take the first exit (Jennens Road).

All Cars:

Enter the Millennium Point car park and take a token at the barrier. Enter the building past the yellow cube (level GO) and follow signs to the technology innovation centre.

