

ENGINEERS IRELAND - CORK REGION WINTER LECTURE SERIES

Biomethane: source of renewable transport, thermal energy and electricity

About the event:

Ireland has ambitious targets for renewable electricity, heating and transport to be achieved by 2020.

Biomethane production in Ireland from Anaerobic Digestion of household wastes, grass and commercial wastes has the potential to significantly meet or exceed these national targets.

This lecture will focus on Ireland's potential to produce biogas and biomethane from indigenous fuel sources and produce, in particular, renewable transport fuel and renewable heating, and in the process create very significant opportunities for employment, national energy security of supply and development of IP and expertise in Ireland.

This Lecture is a Joint Event with the Institution of Chemical Engineers (IChemE)

Event details:

Date: Tuesday 25th January 2011

Time: 20:00 – 21:00

Venue: Rochestown Park Hotel, Cork

For further details on this event, check out our [community calendar](#) in the members area of the website or visit the Cork Region [website](#)

About the speaker:



Dr. Jerry D Murphy has a PhD in energy production from waste. He serves as Lecturer in Transportation Engineering in University College Cork and Principle Investigator (PI) in Bioenergy and Biofuels in the Environmental Research Institute (ERI). He has supervised to completion 15 postgraduate students. Jerry served as the International Energy Agency (IEA) Country Representative for Ireland for Task 39 Liquid Biofuels (2007 - 2009) and at present serves on IEA Task 38 Energy from Biogas (2010 - 2012). Jerry served as Chair of an International Energy Agency (IEA) Biofuels Conference in Cork in 2008 and an EPA biomethane conference in Cork in 2010. He has published extensively with ca 38 peer review journal papers, 21 international conference papers and a further 22 invited lectures; his work has been cited over 300 times in peer review press. He has €1 million funding in place to study: gaseous transport fuels; design of digesters for high solid content feed stocks; life cycle analyses of various biofuel systems.