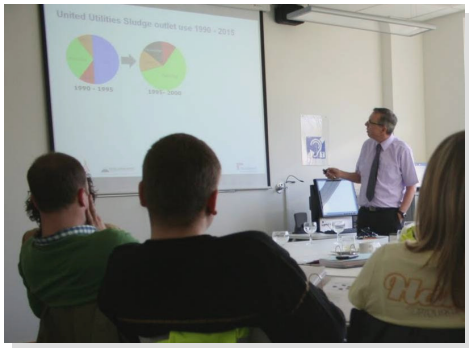
Postgraduate Certificate in Energy & Fuels from Waste

A new training programme developed by Lancaster Environment Centre, Stopford Energy & Environment and Peak Associates Ltd

Background: Lancaster Environment Centre (LEC) has launched a new Postgraduate Certificate in Energy & Fuels from Waste (EFFW). The course aims to address a skills shortage identified by the sector skills councils *EU Skills* and *Lantra* and was funded by the NWDA.

Development of the course has been led by LEC resident company Stopford Energy & Environment Ltd, with significant input from Peak Associates plus a further twenty partner organisations. The course has a broad curriculum covering the financial, technical, operational and regulatory aspects of the industry, and is aimed at new entrants and experienced practitioners alike. It is the only qualification of its kind in the UK and has provisional CIWM accreditation.

Students on a tour of Viridor's Thermal Recovery Facility (TRF), Bolton, led by site manager Steve Entwistle



United Utilities' Andy Wall gives an overview of energy generation at their Lancaster WWtW

Structure: The course is packaged into three modules, each delivered 'CPD-style' in just three days. The three modules, which cover all aspects of the EFFW industry, will be delivered in consecutive months. Each module features site visits to operational facilities in the NW region, with presentations delivered by some of the sector's leading industrial, academic and regulatory experts.

Module 1: Feedstocks & Technologies for Energy & Fuel Generation

Module 2: Management of Energy & Fuel Generation Projects

Module 3: Environmental Management of Waste Derived Energy Generation

CIWM Provisionally Accredited Course 2011 – 2012

The Chartered Institution of Wastes Management

Serving professional waste managers since 1898

Professional recognition: Provisional accreditation by the Chartered Institution of Wastes Management (CIWM)

Site Visits: The course benefits from a number of site visits including: An AD facility at **United Utilities'** Waste Water treatment Works, Lancaster; **Viridor's** Thermal Recovery Facility, Bolton; **Orchid Environmental's** SRF processing plant, Merseyside; **Global Renewables'** MRF, Leyland and **PDM Group's** animal by-products treatment plant, Widnes.

An introduction to Enhanced Enzymic Hydrolysis for improved Anaerobic Digestion at United Utilities WWtW

Acknowledgments: LEC, Stopford and Peak Associates are grateful to the following for their support during the development and delivery of the course:

Stobart Biomass Products; ES-KTN; Orchid Environmental; Energy Lancaster; Stopford Projects; Altium Capital Investment; Energos; Envirolink; Environment Agency; Express Energy; Fellows Environmental; Future Industrial Services; Global Renewables; GMWDA; Peter Jones OBE; Liverpool John Moores University - BEST; Manchester University - CEAS; North West Universities Association (HLSP programme); North West Development Agency; PDM Group; Greener Technologies; Tenmat; United Utilities; Viridor.

Further Information: For further information, please contact the course coordinator Dr. Sean Hayward:

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The Lancaster Environment Centre

Stopford Energy & Environment

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nwUa North West Universities Association Working together for business and the community

Supported by Northwest Regional Development Agency