



Postgraduate Certificate in Energy & Fuels from Waste



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

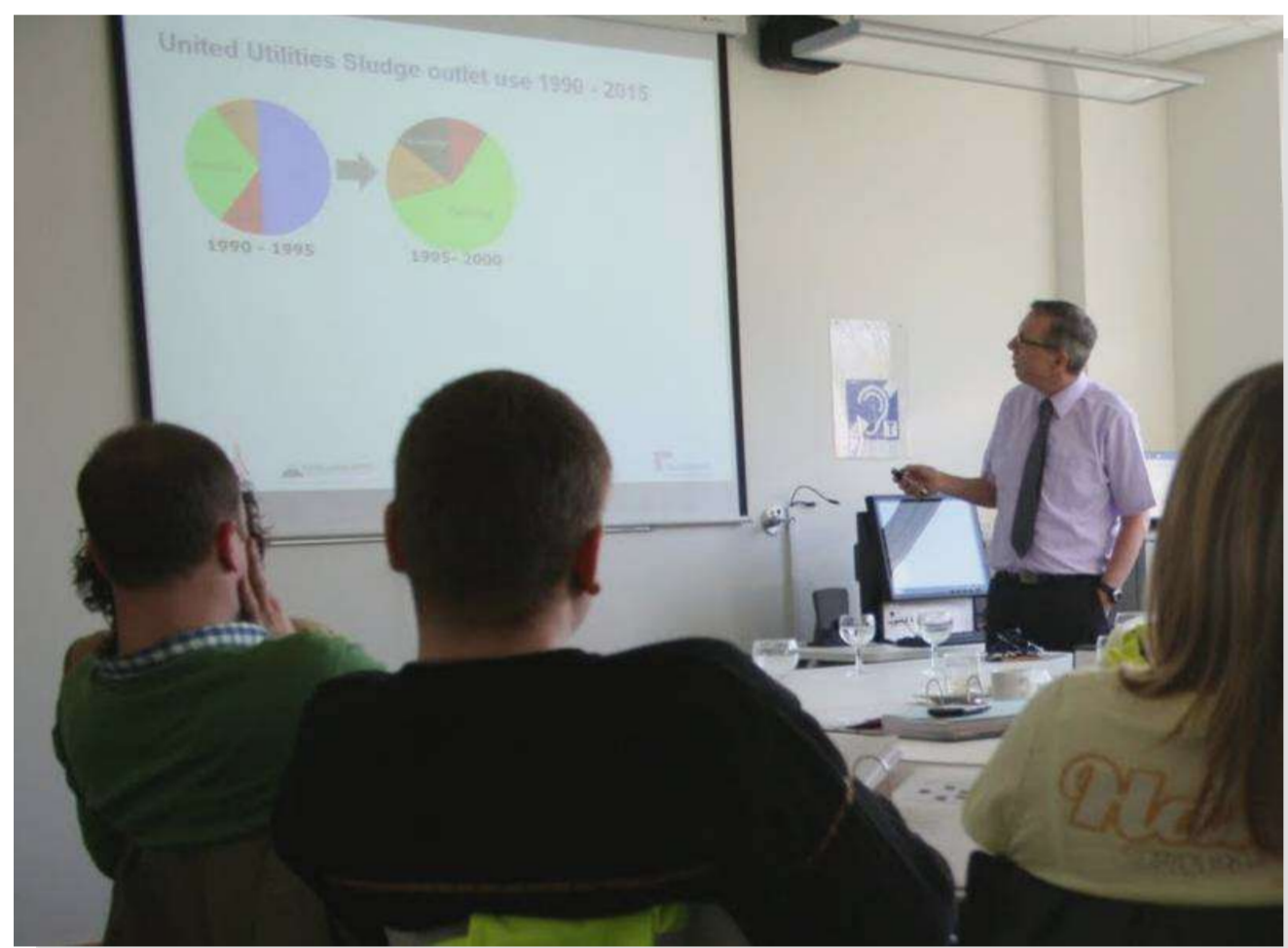
Background: Lancaster Environment Centre (LEC) has launched a new Postgraduate Certificate in Energy & Fuels from Waste (EFFW). The course aims to address a skills shortage identified by the sector skills councils *EU Skills* and *Lantra* and was funded by the NWDA.

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



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

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