



## Industrial Collaboration for Promoting Sustainability

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<b>Funding body</b>	Knowledge Transfer Programme

### Key areas

This Knowledge Transfer (KT) project focused on the following key areas:

- Bioenergy (especially methane production through anaerobic digestion, but also with potential for involvement in other areas e.g. other biofuels, production of pellets for local heat and co-firing in power stations, and pyrolysis of residual municipal wastes for syngas production)
- Energy footprinting for process optimisation, both in industry and in the waste management sector
- Energy efficiency studies within companies
- Urban Sustainability studies (including participation in the Thameside Gateway Institute for Sustainability)



Holsworthy AD plant

**Activities**

The concept of the KT activity is based on outreach to industry, including SMEs, with the results of research funded by EPSRC and other bodies. The work involves:

- Meetings with industry partners who wish to work with the University on sustainability projects and to develop joint activities including KTP initiatives
- Production of briefing documents aimed at industry and outlining the results of EPSRC and other UK government funded research in relevant industry-specific sectors (e.g. food and drink processing, agricultural production, waste management, renewable energy)
- Fostering and strengthening links and identifying funding opportunities with local government and regional development agencies in the key areas of the proposal
- Championing the University's links on high-profile environmental awareness and educational projects
- Ensuring effective delivery of information on our research results and their industrial applications to government departments and agencies (e.g to Defra, DECC, WRAP, EA)