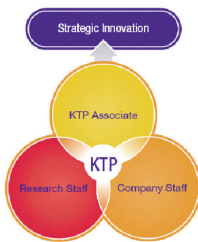




Knowledge Transfer Partnerships

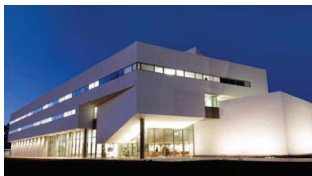
Participating companies benefit from:

- New Technology & Skills transferred to the Company
- Innovate and improve company's competitive growth
- Increase annual profit by £130,000 (average)
- Long term access to University expertise beyond the programme
- Grant aided



Knowledge Transfer Partnerships provide resources and expertise to thriving organisations who wish to innovate, expand or improve their performance. By participating in Knowledge Transfer Partnerships you can:

- Develop your company for today's market
- Increase your competitive advantage and profitability
- Access highly qualified graduates to spearhead new projects
- Access experts who can take your business forward
- Improve your performance/business operations



Knowledge Transfer Partnerships (KTP) in the Faculty of Art, Architecture and Design

The School of Architecture currently have two KTP projects running under the guidance of Prof John Chilton and Scott Gowans.

The Faculty have also successfully completed a KTP Programme with Optima Graphic Design based in Lincoln, under the guidance of Prof Mike Healey. The KTP associate, Shaun Cole has now been appointed as Account Manager at Optima Graphic Design.



MHI Sarah Pitt

MHI in Newark is a multi-disciplinary design consultancy, established in 1978, that offers architectural, structural and civil engineering and project management services. They currently employ around fifteen staff and have ambitious expansion plans. MHI works mainly within the industrial, food and drink processing, education, local authority and residential sectors.

MHI currently uses two-dimensional drafting techniques to produce plans, sections, elevations and construction details for their design projects and wishes to adopt three-dimensional intelligent modelling. The KTP project will assess the capabilities of computer visualisation software that is currently on the market: taking into account ease of use; interoperability with other software; and quality of output. The project will go on to select and implement the most appropriate software for the company considering the needs of both the architectural and engineering sides of the business.

The software selected will enable three-dimensional modelling to assist the design process. It will be used to inform the initial design via massing model-

ling, then for structural and clash analysis and finally for presentation level visualisations. The increased capability will be used to enhance the service to existing clients whilst assisting in attracting new business. The project will also assess whether it would be viable for MHI to offer a stand-alone visualisation service.



Hill Holt Wood Bryce Gilroy-Scott

Hill Holt Wood is a nationally recognised environmental social enterprise. It is a community-controlled membership organisation that has economic, social and environmental objectives. All financial profits are re-invested into the enterprise or donated to charity.

Based in a 16-hectare ancient oak woodland, the site is open to the public seven days a week providing educational and recreation opportunities. As a community woodland, a full spectrum of community events take place, from arts courses, to weddings, to burials. The land is held in trust by a local volunteer Board of Directors that oversee the enterprise.

Hill Holt Wood employs 21 people and provides countryside management services and has recently taken over the countryside ranger service for North Kesteven District Council. Furthermore Hill Holt Wood is a service provider of programs for disengaged youth, incorporating vocational and education training for up to 40 learners who are permanently expelled from the school system or require skills development to enter the job market.

Hill Holt Wood is dedicated to the promotion of Sustainability, recognising that economic and social factors are of equal importance to develop a truly sustainable project. The objective of this KTP program is the start up of a successful eco-construction company to initially develop an exemplar sustainable rural community including six eco-house and a Woodland Community Hall to be built within Hill Holt Wood itself.

The first year of the program has been very successful. The Woodland Community Hall was initiated by a design competition between a Year 3 Arch (Hons) course which resulted in a collaborative design studio involving UoL Architecture, Simons Design of Lincoln and Hill Holt Wood. The full planning application for the Woodland Community Hall received approval in August 2006 in a national precedent for a Community Building within a woodland. Construction is planned to begin January 2007 along with further 'live project' collaborations between the Architecture Faculty and Hill Holt Wood developing designs for the six eco-houses. The construction of this exemplar sustainable community will provide the experience and expertise required to successfully launch an eco-construction enterprise at Hill Holt Wood. (www.hillholtwood.com)

Further Information

For further information please contact:

Sally Cuthbert
KTP Manager
Research & Commercial Partnerships

Tel—01522 886970
Email—scuthbert@lincoln.ac.uk

Portal
<http://portal.lincoln.ac.uk/C2/C4/Knowledge%20Transfer%20Partnership/default.aspx>