

# KNOWLEDGE TRANSFER PARTNERSHIPS, Mike Stoane Lighting Ltd and Edinburgh Napier University

## Project Introduction and Details

### FURTHER PARTICULARS

**Duration:** 24 Months  
**Location:** Mike Stoane Lighting Ltd, Mid Lothian

### Introduction to Knowledge Transfer Partnerships

Mission - "To strengthen the competitiveness and wealth creation of the UK by the stimulation of innovation in industry through collaborative partnerships between the science, engineering and technology base and industry"

### Objectives of every Knowledge Transfer Partnership

- to facilitate the transfer of knowledge and the spread of technical and business skills through an innovation project .
- to provide company-based training for the most able graduates in order to enhance their business and specialist skills.
- to stimulate and enhance business relevant research and training undertaken by the knowledge base (universities & public funded research organizations).

### Background

'Knowledge Transfer Partnerships' are an extension of the highly regarded and long established TCS scheme, which is funded by the InnovateUK with 17 other funding organisations. A 'Knowledge Transfer Partnership' enables companies of any size to access additional scientific, engineering or management knowledge and expertise from universities and research organisations and to import new techniques and technologies into their businesses to:

- Improve existing products
- Develop new products
- Streamline a manufacturing process;
- Improve logistics processes; or
- Strengthen strategic marketing capabilities

Around 900 companies - of all sizes and in a very wide range of sectors - are currently participating in Knowledge Transfer Partnerships. It supports the training of about 1000 graduates working on these projects and involves almost every UK University.

### Mike Stoane Lighting Ltd

Founded in 1995, Mike Stoane Lighting is an employee-owned specialist manufacturer of architectural lighting equipment. We design, manufacture and assemble all of our products in the UK, at our premises just outside of Edinburgh. We have a very well equipped workshop and a talented team made up primarily of product designers, engineers, assembly and technical staff. This ensures excellent quality and flexibility and is something we are very proud of. We take exciting and original concepts through to built products

### Edinburgh Napier University

Research at Edinburgh Napier University is creating high-quality knowledge that benefits the social, cultural and economic life of the society we serve. Simply put, we aim to deliver outward-looking research that can transform communities – whether that is the rollout of a national telemonitoring service to lower blood pressure, saving mangrove forests in Kenya or establishing the world's first innovation centre for mountain biking

With a focus on emerging technologies and creative solutions, the School of Engineering & the Built Environment (SEBE) equips its students with the skills to innovate, create, respond to and provide solutions for a technologically demanding society. SEBE comprises 4 distinct areas of interest - Building & Surveying, Civil & Transportation Engineering, Electrical & Electronic Engineering and Mechanical & Materials Engineering.

The School of Engineering & the Built Environment offers a range of engaging, challenging and industry-relevant courses that enable graduates to pursue rewarding careers within their chosen discipline.

### **Employment Details**

The successful candidate (KTP Associate) will be employed by the Edinburgh Napier University on a 24-month contract, and will be based full time at Mike Stoane Lighting Ltd. Although both the academic and industrial supervisors supervise the project on which the Associate is working, the Associate will need to have the capacity to operate and manage the project on a day-to-day basis. Therefore strong personal skills, self-motivation, and the ability to plan and organise time are required.

### **The Knowledge Transfer Partnership**

To develop a dedicated methodology and benchmarks for whole life carbon and life cycle environmental impact assessment of lighting products.

### **The Project objectives are as follows:**

- 1: Review Of Stoane Lighting Business, Products and Market
- 2: Review of existing data and methodologies
- 3: Data collection
- 4: Life Cycle Assessment (LCA)
- 5: Methodology development
- 6: Benchmark development
- 7: Preparation for commercial implementation
- 8: Dissemination & outreach

The position carries considerable responsibility. The Associate will report directly to the senior management team, therefore good presentation and communication skills are also desirable. Some of the projects will involve working with clients and customers of the company in various locations, which will require strong interpersonal skills.

In return, the position offers the Associate the following benefits:

- a planned programme of training courses
- the support and resources of the University
- a challenging and rewarding job, with real responsibility
- the potential for good career development with the company at the end of the scheme
- the possibility of registering for a higher degree with the University
- the opportunity to make important and tangible improvements in a small but dynamic company
- competitive pay and working conditions

### Informal enquiries to:

Professor Francesco Pomponi , Chair of Sustainability Science, Edinburgh Napier University,  
[f.pomponi@napier.ac.uk](mailto:f.pomponi@napier.ac.uk)

### **OR**

Alistair Kay, Development Director, Mike Stoane Lighting Ltd