

Knowledge Transfer Network

Knowledge Transfer Manager – Enabling Technologies

Job Purpose

Enabling Technologies are the technologies that form the foundation of today's digital world – sometimes referred to as “electech”. These technologies include electronics, photonics, sensors, embedded systems, power electronics, ICT etc. The benefits to the economy, and to society, are based on advances in performance, miniaturisation and broadened deployment in applications / engineered solutions.

The sector employs more than 1 million people in the UK in more than 45,000 businesses, generating revenue of around £100 billion.

We are looking for a determined, bright, analytical and goal-orientated individual to join our Enabling Technologies team. The post requires someone with an electronics or computing background as well as a general enthusiasm across all branches of science and technology, to provide support to companies and identify new applications of Enabling Technologies.

The post will be extremely varied, working with businesses across a multitude of sectors, but much of this role will be spent working with Electronic Systems and Automation and opportunities arising from the Industrial Strategy Challenge Fund (ISCF) in this and related areas.

The successful candidate will also be required to work with Technology Centres and Universities; building relationships to help identify new technologies with application potential across sectors and to help stimulate the adoption of new technologies from the research and development base.

Reporting to: Head of Enabling Technologies

Grade: Knowledge Transfer Manager, KTM Level 1

Salary: £31,447 - £39,310pa (depending on experience)

Location: Home or office-based working (Central London or Edinburgh), with considerable UK travel expected.

Scope: Working with industries to both understand their technology and business needs and to provide facilitation for their growth. The post holder will work closely with other KTN sector teams to identify and understand how electronic and broader enabling technologies relate to and can be applied within other established or emerging sectors. Some time will be spent supporting the successful delivery of Special Interest Groups which are a very high-profile activity at the KTN and a mechanism for delivering

cross convening activity with cross disciplinary teams. They are strategically important, innovative and have significant external profile.

Key accountabilities

- Building and maintaining a good rapport with key stakeholders in enabling technologies from relevant companies, universities, research & technology organisations, government departments.
- Facilitating collaborations that drive innovation and growth in the UK
- Delivery of KTN work programmes.
- Working with Sector teams within KTN and Innovate UK, and external businesses to identify new applications of Enabling Technologies in different markets.
- Supporting the activities of relevant Special Interest Groups.
- Identifying and prioritising enabling technologies and industries, through close working with a portfolio of stakeholders.
- Forming new communities in enabling technologies and industries and identifying where there is a compelling case for new Special Interest Group activity.
- Identifying income generating projects and proposal writing.

Job responsibilities

Job responsibilities include but not limited to:

- To support the KTN activity in Enabling Technology - to design, plan and deliver events and workshops and author reports if applicable.
- Work with industry stakeholders, the Enabling Technologies team and the research base to understand the technology needs/opportunities for the growth of UK Industry - facilitating the transfer of knowledge and collaborations within and between these groups.
- To actively facilitate and contribute to cross-sector collaborations.
- To track outcomes resulting from KTN interventions, seeking case studies and metrics capture.
- To contribute to KTN-wide internal communications and projects, helping colleagues as required.
- To support KPI delivery and provide regular reporting of activity and outcomes.

Person specification

Criteria	Essential	Desirable
Education & experience	<ul style="list-style-type: none"> Degree in Engineering, ICT or Physics. 	<ul style="list-style-type: none"> Relevant PhD or technology research. Industrial experience in a product-based business.
Skills	<ul style="list-style-type: none"> Comfort in communicating across all levels of an organisation, from the bench to the boardroom. Well-developed written & verbal skills, able to translate complex topics for a broad audience. IT literate with good working knowledge of Microsoft packages. 	<ul style="list-style-type: none"> Excellent presentation skills.
Knowledge	<ul style="list-style-type: none"> Technical knowledge of Electronics and other technologies. Understanding of product development and product management. 	<ul style="list-style-type: none"> Awareness of the innovation grant funding landscape (e.g. Innovate UK). Awareness of product introduction and market growth
Attributes	<ul style="list-style-type: none"> Motivated & a self-starter. Ability to work alone & as part of a team. Able to deliver effectively in a fast-paced environment. Adaptable & reliable with good interpersonal & time management skills. A good networker. This post involves considerable travel including overnight at times, availability of good public transport, or a holder of a driving licence is required. 	