

Job Description – Knowledge Transfer Manager – Low Emission Mobility

Job Purpose

KTN is the UK's innovation network; we connect people to accelerate innovation, delivering increased productivity and growth for UK businesses. The vacancy is within a high performing team delivering KTN business objectives and supporting activities forming government's Industrial Strategy including the Future of Mobility and Clean Growth Grand Challenges. The role of the Transport Team is to support the UK's mobility innovation agenda. The team covers all traditional transport modes, passenger and freight, whilst remaining agile to respond to new and emerging innovations (e.g. Hyperloop, Connected and Autonomous Vehicles (CAV)).

The successful candidate will support programmes of work focused on low emission technologies in the automotive sector particularly, but also across other transport modes. A strong understanding of the UK supply chain around manufacture and exports of low emission vehicles (for 2+ wheeled, on- and off- road, passenger and freight) is required. An appreciation and understanding of integration of battery technologies with other on-vehicle and off-vehicle systems including CAV and power electronics, and the current and aspirational charging infrastructures for electric vehicles is also beneficial.

The post holder may be expected to support programmes of work relating to low emission technologies and processes for rail, aviation (sustainable biofuel and electrification) and maritime.

Reporting to: Head of Transport

Grade: Knowledge Transfer Manager, Salary £30,450 to £48,936 (depending on experience).

Location: Home or office-based with some UK travel expected. KTN hub offices are in London, Harwell and Edinburgh.

Key accountabilities

- Deliver and assist in the support of new funding streams related to industrial challenges relevant to Low Emission Mobility.
- Prepare, deliver and assist in the development of Mobility related work programmes

within KTN.

- Support the development of cross-cutting application areas such as energy, data, robotics, AI, security and space for the benefit of Mobility stakeholders by working with other staff in KTN.
- Identify and monitor trends and opportunities for innovation through interaction with business and the technology base.
- Ensure that industry is aware of the funding opportunities within the Low Emission Mobility research and innovation sphere.
- Facilitate networking opportunities for industry to meet with peers and potential collaborators through the organisation of workshops and meetings.
- Visit companies, research institutions and universities, mainly within the UK, to understand their R&D needs and innovation capabilities.

Job responsibilities

- Work with the Transport team to understand the technology needs and opportunities for growth of UK Industry and the scientific capabilities of the research base, facilitating the transfer of knowledge within and between these groups and the establishment of collaborations.
- Understand and facilitate access to Innovation support mechanisms for businesses and to help develop funding and investment applications.
- Promote the benefits of KTN and innovation within a business context to the UK sector including the preparation of promotional material and the use of various media.
- Develop and lead cross-community activity within KTN to pull together the supply chains for low and ultra-low emission transport systems to create value for UK businesses.
- Liaise closely with KTN staff across all sectors and technologies to ensure a good understanding of the other sector activities, to ensure well informed and integrated working.
- Produce articles for newsletters, blogs of interest to our members and similar media.
- Organise meetings, workshops and networking events in a variety of commercial and scientific areas.
- Undertake necessary administrative duties including the timely completion of accurate reports, meeting minutes and expenses.
- Maintain and disseminate an up-to-date view of the Ultra- and Low- Emission transport

landscape, including technology developments, key innovators, market trends/needs and business funding opportunities

- The role will require regular UK travel including overnight at times and possibly some European travel.

Experience and qualifications

- Degree educated in a scientific, technical or engineering discipline with post-graduate scientific or engineering industrial experience. Industrial experience in an automotive engineering or related environment particularly beneficial.
- Experienced in technology and product development within an industrial and/or academic environment
- Have broad knowledge, and be agile and confident working effectively beyond the 'single sector' into wider technology and business areas
- Have an understanding of transport supply chains across technologies. An appreciation of Government considerations in cross- departmental work would be an advantage.
- Have had exposure to the research and business environment; experience in a business development role would be advantageous

Competencies and Attributes

- This role requires a motivated, self-starting individual with a good understanding of commercial issues and opportunities, and a desire to build on existing capability
- A good communicator with well-developed written and verbal skills, able to translate complex topics for a broad audience
- Flexible, reliable and adaptable with good interpersonal and time management skills
- Be comfortable working autonomously with little supervision and as a team member as required
- Able to interact with and understand the needs and capabilities with clients across a range of technical and/or industrial disciplines
- Highly numerate and analytical, with the ability to think strategically
- Able to deliver effectively in a fast-paced environment
- Must have good working knowledge of Microsoft packages plus excellent organisational skills