

# Job Description – Knowledge Transfer Manager – Low Emission Mobility

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## Job Purpose

We are looking for an enthusiastic individual with current and relevant knowledge and experience in low emission vehicles (for 2+ wheeled, on- and off- road, passenger and freight) to join the Transport Team at KTN. The successful candidate will support programmes of work focused on low emission technologies in the automotive sector particularly, but also across other transport modes. The role involves providing business support to companies working within low emission mobility (LEM), driving knowledge transfer between the science base and industry, promote networking and stimulate innovation in LEM.

The post involves working with Innovate UK and the Office for Low Emission Vehicles (OLEV) to deliver innovation programmes and support businesses to access relevant funding streams and catalyse new business partnerships. The successful candidate must have an appreciation and understanding of the 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.

The aim of the Transport Team is to support the UK's mobility innovation agenda in relation to government's Industrial Strategy including the Future of Mobility and Clean Growth Grand Challenges. 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 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 2, Salary £37,088 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, including delivering briefing events.
- Support development and implementation of future strategy and work programmes for LEM.
- 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.

## Person Specification

Criteria	Essential	Desirable
Education	<ul style="list-style-type: none"> <li>• Degree in automotive, mechanical or chemical engineering.</li> </ul>	<ul style="list-style-type: none"> <li>• Post-graduate degree and/or industrial experience in an automotive engineering or related environment.</li> </ul>
Experience	<ul style="list-style-type: none"> <li>• Experienced in technology &amp; product development within an industrial and/or academic environment.</li> <li>• Ability to bring together stakeholders to deliver on a project or task.</li> </ul>	<ul style="list-style-type: none"> <li>• Business development in a transport organisation.</li> <li>• Organising &amp; delivering events and/or workshops.</li> </ul>
Skills	<ul style="list-style-type: none"> <li>• Highly numerate &amp; analytical.</li> <li>• Ability to prioritise &amp; meet deadlines.</li> <li>• Excellent presentation skills.</li> <li>• Well-developed written &amp; verbal skills, able to translate complex topics for a broad audience.</li> <li>• IT literate with good working knowledge of Microsoft packages.</li> </ul>	
Knowledge	<ul style="list-style-type: none"> <li>• An understanding of transport supply chains across technologies.</li> <li>• Transport innovation landscape &amp; current trends.</li> </ul>	<ul style="list-style-type: none"> <li>• Awareness of the innovation grant funding landscape (e.g. Innovate UK).</li> </ul>
Attributes	<ul style="list-style-type: none"> <li>• Motivated &amp; a self-starter.</li> </ul>	

	<ul style="list-style-type: none"><li>• Ability to work alone &amp; part of a team.</li><li>• Able to deliver effectively in a fast-paced environment.</li><li>• Adaptable &amp; reliable with good interpersonal &amp; time management skills.</li></ul>	
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