Knowledge Transfer Network

Job Description: Knowledge Transfer Manager – Geospatial

Job Purpose

We are looking for a determined, bright, analytical and goal-orientated individual with current and relevant knowledge and experience in geospatial technology to join our Complex Systems team in providing business support to companies developing and/or using *geospatial data*.

Geospatial data and technology has the ability to transform our understanding of the world around us and empower a smarter world. Changing technologies in the geospatial realm itself – live imagery from orbit; enhanced visual data resolution; more accurate positioning technology, and data processing technologies – are making location data increasingly relevant for wider sectors such as finance, transport, housing, retail and many more. The increasing relevance of geospatial data and technologies and ubiquity of applications present a clear and valuable global economic opportunity. The Geospatial Commission was established in November 2017 with the aim to maximise the value of geospatial data including all UK government data linked to location.

In view of the importance of this opportunity the KTN has recently committed to running a Geospatial Insights Special Interest Group (SIG) with the aim to pioneer broader access to, and smarter use of geospatial data to grow new commercial services providing actionable insight. This role will be focussed on delivering a successful SIG through a combination of company support, workshops, landscape mapping, sector events and study groups.

The post will be extremely varied, working with businesses across a multitude of sectors, providing technical capability to help UK industry to create economic value by innovating with geospatial data. There will be a focus on opportunities driven by the Geospatial Commission and Industrial Strategy Challenge Fund (ISCF).

The suitable candidate will be required to address KTN KPIs with particular attention to business interaction, Innovate UK support and engagement with relevant Research Councils and universities conducting research in the field of geospatial data.

Reporting to: Head of Complex Systems

Grade: Knowledge Transfer Manager (KTM1 - KTM2)

Salary: £30,450pa-£45,000pa (depending on experience)

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

Scope

To support the successful delivery of the Geospatial Insights SIG and other related geospatial activity at the KTN.

Special Interest Groups 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 external visibility.

Key accountabilities

- Assist in running the Geospatial Insights Special Interest Group through a combination of company support, workshops, landscape mapping, sector events and study groups.

- Assist in gathering and analysing evidence from companies and industry bodies to inform ISCF and Geospatial Commission challenge priorities relating to geospatial data.

- Prepare future work programmes for geospatial data in agreement with stakeholders and team members, working with industry to identify their needs.

- Identify and monitor trends, drivers and opportunities for innovation in the industrial application of geospatial data through interaction with business and the technology base.

- Ensure that industry is aware of the funding opportunities available for research and innovation involving geospatial data.

- Facilitate networking opportunities for industry to meet with peers and potential collaborators through the organisation of workshops and other meetings, etc.

- Actively promote opportunities and relevant activities in geospatial data through various media.

- Visit companies, research institutions and universities, mainly within the UK, to understand their R&D needs and innovation capabilities.

- Identify and develop growth opportunities for KTN, working with geospatial stakeholders and industry leaders.

Job responsibilities

- Work within the Complex Systems team to understand the geospatial technology needs 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.

- Help understand and facilitate access to Knowledge Transfer support mechanisms for businesses and to help develop funding and investment applications.

- Assist in promoting the use of geospatial data and insight in end user sectors in the UK including health, transport, infrastructure, agri-food and finance. This will include visiting companies and identifying how innovations involving geospatial

data can help their specific business.

- Promote KTN and innovation within a business context to geospatial data development and user companies, including the preparation of proposals for growth opportunities for KTN.

- Display and maintain a good scientific and technical knowledge in a broad range of topics relating to geospatial data, in particular the use of artificial intelligence and machine learning in big data problems.

- Work within the KTN structure in a flexible manner, e.g. take part in joint activities with colleagues in other teams.

- Liaise closely with KTN staff in all disciplines to ensure a good understanding of other sector activities to facilitate flexibility and ease of working on other KTN sector opportunities.

- Contribute to the writing of articles for newsletters and blogs of interest to KTN members.

- Design, plan and deliver events and workshops. Author reports where applicable.

- Track outcomes resulting from KTN interventions, seeking case studies and metrics capture.

- Capture opportunities for and work on additional income generation projects.

- Support KPI delivery and provide regular reporting of activity and outcomes.

- Undertake necessary administrative duties including the timely completion of accurate reports, time sheets, meeting minutes and expenses.

Experience and qualifications

- The post is to be based in the Complex Systems team focussed on industrial challenges, so a background or strong interest in geospatial data or related discipline is required.

- A degree in geography, GIS, geospatial sciences, data science, satellite applications or related area is required. A postgraduate qualification in a similar field or equivalent industry experience is also preferred.

- Practical experience of facilitation in a workshop environment is desirable.

- Practical experience in using analytical tools to gather and analyse organisational capability and market data is desirable. Need to demonstrate good understanding of market drivers and trends.

- Experience in the private sector is desirable.

- Awareness of knowledge transfer or business analysis and development processes would be beneficial.

Competences

- This role requires a highly motivated, self-starting and results oriented individual with a good understanding of commercial issues or a desire and the ability to learn on the job.

- Must be a good communicator with well-developed written and verbal skills, able to translate complex topics for a broad audience.

- Must be a good listener - able to interact with and understand the needs and capabilities of a wide variety of clients.

- Flexible, reliable and adaptable with good interpersonal and time management skills.

- Comfortable working autonomously with little supervision or as a team member as required.

- Must be proficient in normal office software tools with excellent administrative and organisational skills.

- Sound scientific knowledge across a range of disciplines, highly numerate.

- Holder of a driving licence, a willingness to travel by public transport or by own car is required as post involves considerable travel including overnight at times.