CPC398 - Senior Systems Engineer

Location	Milton Keynes or London
Reporting to	Mobility Technology Innovation Team Lead
Working hours	37.5 hours
Contract type/duration	FTC until 31/03/2022
Equal Opportunities	CPC is committed to ensuring it recognises equal opportunities
Date written	January 2021

Purpose of the role

This will be a key role within CPC's New Mobility Technology directorate, with an expectation to focus significantly on leading project activities in Clean Mobility and helping support the UK and its transport supply chain transition to zero emission mobility. This role will require a combination of leading technical work and supporting thought-leadership within CPC in developing the strategy and project portfolio for clean mobility, which could span different transport modes including road, rail, and water-borne applications.

We are looking for creative and energetic individuals, with a passion for making a difference and with the ability to contribute and accelerate the development of sustainable mobility initiatives. A passion for delivering a cleaner, greener transport system which ensures clean air in our cities and contributes to the UK's 2050 'net zero' carbon target

You will be part of a multi-disciplinary team of systems engineers, technologists, human factors specialists and economists helping to shape Catapult-wide projects. You will play a key role in leading and delivering work packages or entire projects, and work with stakeholders, run workshops and gather requirements, to help plan new projects and manage progress through to final deliverables. You may be required to represent the Catapult at external meetings and events to communicate project findings to both specialists and wider stakeholders.

Key Responsibilities

As a Senior Systems Engineer in the New Mobility Technology directorate, your main technical responsibilities will be:

- Provide technical leadership in projects relating to clean mobility on behalf of a range of commercial and government clients
- Enabling industry to build the required capabilities for growth and innovation in order to address market barriers and create opportunity.
- Play a key role in developing strategies and project ideas within the clean mobility domain
- Own and Manage relationships with customers, project partners and other industry/government/academic stakeholders
- Deliver impactful analysis and reports to customers in a range of new mobility areas
- Provide technical support/coaching to colleagues

- Contribute to business development by identifying opportunities, and contributing to proposals and bidding activity as required
- Represent the CPC at relevant industry events, conferences and meetings where and when appropriate

Required skills and experience

- Relevant degree in engineering or equivalent
- Demonstrable experience in a transport industry or relatable role (e.g. supply chain, operating company, consultancy, research and technology organisation).
- Experience of working in a flexible, project-focussed environment, requiring pro-active internal communication
- Excellent communication and written skills, appropriate for publicly published documents and reports, with the ability to communicate complex concepts to expert and non-expert audiences
- Numerate with excellent data analysis skills
- Flexible, with ability to contribute to multiple projects at the same time and pick up new skills/capabilities as required for different projects
- Proven ability to establish relationships and work with a wide range of external stakeholders (e.g. industrial, government, academic)
- A self-starter, able to work without supervision and take project level decisions
- Comfortable to teach, guide and coach others in technical tasks on a range of projects and delegate appropriately where individual areas of expertise allow
- Comfortable with ambiguity, and ability to turn into focused outputs
- Comfortable with periods of remote working without impact to the quality and timeliness of deliverables

To apply for this role please email us on jobs@cp.catapult.org.uk with your CV and covering letter attached quoting the ref: CPC398