

CPC399 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 supporting project activities in Clean Mobility and helping support the UK and its transport supply chain transition to zero emission vehicles. 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.

This role will require a combination of analytical work, technical support and stakeholder engagement for key projects which could span across different transport modes including road, rail, and water-borne applications. Although this is primarily a project-support role, a key part of the role could also include supporting thought-leaders at the CPC in developing its strategy and project portfolio in the area. We are seeking experienced individuals for a Systems Engineer role, but will equally consider candidates with less experience but with high potential.

Key Responsibilities

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

- Take responsibility for analysis and horizon-scanning activities to help identify new, innovative opportunities, primarily in transport and clean mobility sectors.
- Provide technical ownership of projects relating to clean mobility or more effective transport solutions on behalf of a range of commercial and government clients
- Work collaboratively with customers, project partners and other industry/government/academic stakeholders to understand their requirements in relation to the transition to clean mobility
- Deliver impactful analysis and reports to customers in a range of areas relating to clean mobility
- Work closely with colleagues, to contribute to the successful delivery of projects. For areas of individual expertise, provide technical guidance and leadership.
- Support in business development by identifying opportunities, supporting the appropriate teams to prepare 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 engineering or physical sciences discipline, or equivalent experience.
- 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
- 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
- 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

To apply for this role please email us on jobs@cp.catapult.org.uk with your CV and covering letter attached quoting the ref: CPC399