

TRANSPORT & MOBILITY

New technologies are rapidly changing the way we move around our environment, and how we access everything from opportunities to goods. Shared mobility services, electrification and autonomous vehicles are disrupting long-held assumptions about public and private transport. At the same time, the COVID-19 crisis and climate emergency are calling into question when and whether we should travel in the first place. The public sector has a critical role to play in guiding new models of movement towards being environmentally and socially sustainable, and using its wider powers to encourage widespread behavioural change.

WHO

Applicants suitable for placements around transport and mobility are likely to have a qualification in a relevant subject such as Transport Planning, Planning, Geography, Civil Engineering, Logistics, Environmental Science, Sustainability, Landscape Architecture, Urban Analytics or Urban Development. Key skills include strong teamworking and communication, analytical skills, systems and spatial thinking, complex problem solving and a fascination with places. Roles span from analysing big data to advising on detailed designs, and from changing behaviour through temporary interventions to anticipating longer-term societal shifts.

WHAT

- Advocating for more sustainable modes of mobility including active travel and public transport.
- Joining the dots between different agencies and organisations, including planning and highways authorities, residents' groups, councillors and politicians, developers and transport providers.
- Running behavioural change initiatives, drawing on the wider functions of local government including planning, regeneration, economic development and education.
- Supporting public engagement and participation in transport schemes and initiatives.
- Engaging with wider public sector and political decision-making.
- Designing research methods and techniques to understand changes in transport and mobility.
- Analysing and interpreting data, and forecasting future changes in travel patterns.
- Modelling changes to transport networks and their wider impacts.
- Coordinating transport input into local authority policies, plans, strategies and guidance.
- Assessing transport plans, strategies and/or schemes, including major developments.
- Developing new solutions to tackle issues such as air quality, public health and congestion.
- Developing initial design ideas for improving transport infrastructure.
- Commissioning and overseeing the delivery of complex transportation, highways and public realm projects.

EXAMPLES

- Jonathan Keen, Infrastructure Coordinator, LB Croydon
- Silvia Kerste, Sustainable Business Engagement Officer, LB Barnet