

Technical Seminar

Mobility as a Service (MaaS) and the future of integrated transport towards 2030

Abstract

Cities such as Hong Kong face myriads of challenges to improve liveability and economic vitality whilst competing globally for investment, resources and mitigating contribution to climate change. The sustainability of our transport network underpins this, and requires continual review to ensure its continued long-term relevance. Despite significant investments in transport infrastructure we face worsening congestion, resulting in increased journey times - and variability in journey times - impacting citizens, visitors and businesses alike. Integrated transport no longer means coordinated investment but coordinated operations – in other words, reshaping the provision of transport services to ensure that every journey from door-to-door is predictable and better for everyone. We already have far more historic and real-time data on our transport network that we can use and the public and private sector continue to invest to enable us to plan and pay for our transport easily – but each transport mode remains in its own operational silo, leaving travellers to navigate amongst multiple transport providers and anticipate problems as they arise.

In the next decade, we will face more disruptive changes to mobility in the built environment than we have seen in the last 100 years. Examples and case studies will demonstrate that the confluence of digitalisation, urbanisation and new transport business models are already highlighting the need to shift towards greater integration and coordination between the public sector and (new) private sector mobility service providers. Decisions on infrastructure anticipate a lifetime of 25-50 years but we can no longer ignore the potential impact of increasing levels of automation in transport on these increasingly expensive decisions.

The presentation will introduce Mobility as a Service (MaaS) as potentially new model to deliver door-to-door transportation services. Andrew has been studying implementation scenarios for MaaS since 2014 and he will provide an overall view of MaaS, and its challenges and opportunities, the potential impact of automated and driverless vehicles on the built environment, and the role of other policy instruments that encourage behaviour change such as Electronic Road Pricing.

Date: 16 Aug 2017 (Wednesday)

Time: 7:00 to 8:30 pm

Venue: Technological and Higher Education Institute of Hong Kong (THEi), Room LT1, 20A Tsing Yi Road, Tsing Yi Island, N.T., Hong Kong

*****The seminar will be conducted in English*****

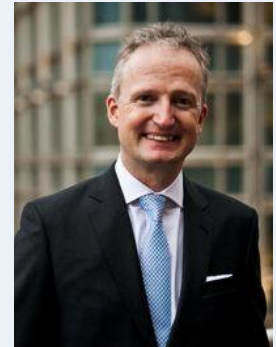
~ All attendees will receive an attendance certificate for their CPD log ~

About the Speaker

Andrew PICKFORD B.Sc. C.Eng. MBA FIET FHKIE is one of the world's leading management consultants focused on the design and practical application of Intelligent Transport Systems (ITS), Electronic Road Pricing (ERP) and Smart City applications in the built environment to help deliver optimal policy outcomes. His competence includes investment appraisal; policy & regulatory stress testing; policy road mapping; business process design; procurement strategy development; scoping funding & financing mechanisms; autonomous vehicle application, development of performance management regimes; programme management and long-term implementation support.

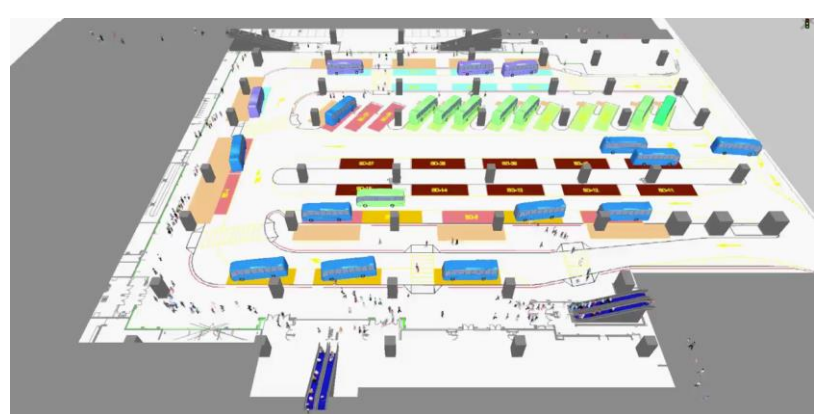
Andrew has been providing a full spectrum of management consultancy services to government agencies, banks and private sector organizations internationally since 1990, has published over 50 papers and co-authored a book on Road User Charging and Electronic Toll Collection for transport practitioners.

He is an Honorary Fellow of the Institute of Transport Studies, Fellow of the Hong Kong Institution of Engineering, Fellow of the Institute of Engineering & Technology, Council member of the Society for Intelligent Transport Systems Hong Kong and member of the Asia Pacific Infrastructure Partnership (APIP).



Andrew PICKFORD

**Director, Infrastructure & Transport Advisory Services
MVA Hong Kong Limited**



For enquiries, please contact:
**Dr. Gordon LEUNG at 2176 1478 (CIHT HKR - Technical Talk Convenor) or
Mr. Rock MAK at 9837 7431**