

Transport in Intelligent Environments – The end of the tram as we know it?

25th April, 14.00-15.00 GMT

Session description:

In this webinar we will discuss how transport is being reconfigured by emerging technologies and intelligent environments. Bus Rapid Transit and Trackless Trams are interrogated in the context of transitions to Net Zero, attending to the technical and institutional challenges associated with their introduction. The webinar is part of a series exploring different facets of intelligent environments through the lens of “[Intelligent Environments – Advanced Systems for a Healthy Planet](#)” (Droege, 2023) and is intended to encourage debate of emerging issues and set the agenda for the next edition of the book.

Speakers:

- **Peter Droege**, Director of the Liechtenstein Institute for Strategic Development.
- **Peter Newman**, Professor of Sustainability at Curtin University , AO Order of Australia.
- **James Warren**, Senior lecturer in the School of Engineering and Innovation.

Target audience: Researchers and practitioners with an interest in transport, intelligent environments and the smart and sustainable built environment.

Agenda:

14:00- Introduction – Transport in Intelligent Environments, Peter Droge.

14:05- Net Zero Corridors as the Basis of Net Zero Cities

In this talk, Peter Newman will outline the new technology of Trackless Trams and discuss their potential to enable transport GHG reductions as well as power GHG reductions. This talk will draw on case studies from various Net Zero Precincts research projects across Australia.

14:25 - Looking back at Havana’s Bus Rapid Transit System

Ten years have passed since Havana’s bus rapid transit system was proposed, designed, and then modelled. In this talk James will take a look backwards to see how, and if, the system has progressed and what lessons have been learned. The talk also looks at some of the more recent developments that have shaped the city transport system since 2014 and how these factors feed into the overall bus network as one of the key forms of transport.

14:45 – Discussion, Q&A

Register:

Please contact miguel.valdez@open.ac.uk for more information or to request a calendar invite, or use the Microsoft Teams link below to join on the day:

[Click here to join the meeting](#)

Meeting ID: 341 871 462 104

Passcode: os55XC