

Vans and urban freight: Drivers of demand, impacts and future innovations in last mile delivery

Wednesday 16 January 2019

14:30 – 17:00

Venue: Transport for London, 197 Blackfriars Road, Southwark, London SE1 8NJ

For a variety of reasons urban freight and parcels traffic, much of it in vans, has grown fast in the last 10-15 years. The seminar will look at the causes of this recent growth and consider whether it is likely to continue. The scale and nature of the impacts of urban van traffic will be discussed, as will the possible innovations for optimising delivery systems.

Claire Cheriyan

Senior Manager, Transport for London

Exploring the factors which drive freight demand in London: Claire leads a team supporting the delivery of the Mayor's 'healthy streets' vision. They are currently exploring what drives the demand for freight in London. Research has been based on London data sets (household income, population, construction activity etc.) and how those factors might be linked to changes in vehicle km in LGVs and HGVs. She will describe the work and its conclusions.

Clare Linton

Policy Researcher, Urban Transport Group

Van traffic and its impacts on employment and quality of life in city regions: Based on findings from recent UTG research, Clare will discuss the nature and scale of impacts of van traffic in cities, including air quality and carbon emissions, congestion and safety, and how these impact on the quality of the urban realm. However, these need to be set against the benefits in employment, and economic activity facilitated by van use. She will also describe ways in which innovative data systems and new transport technologies, such as autonomous vehicles (eventually), could improve the balance between van traffic's negative impacts and positive contributions.

Julian Allen

Senior Research Fellow, The University of Westminster

Freight Traffic Control 2050 Project: Starting from the diversity of van use, Julian will present the Freight Traffic Control 2050 project (www.ftc2050.com), and its investigation of last-mile urban parcel operations (typically by van) and their traffic, energy and environmental impacts. Innovations that are being investigated in the FTC 2050 project include the use of technology to improve the efficiency of van drivers, delivery route optimisation (including driving and walking components), the relaxation of delivery time guarantees, use of micro-consolidation centres, operational collaboration between parcel carriers, and on-foot portering systems. Findings from research into the current van operations together with results into these future possible parcel operations will be presented.

BOOKING INSTRUCTIONS

If you would like to book this seminar, please submit your booking via the TSUG website, www.tsug.org.uk. If you are booking through the website for the first time, you will first need to register before you can book a seminar place.

To register:

Corporate members. Please select 'join now' on the website. Register using your corporate email address and selecting a corporate member type. If you are unsure whether your company is a TSUG member, you can check the list of corporate members here:

<http://www.tsug.org.uk/memberlist.php>

Individual members. For individual members of TSUG, please register with the email address we use to contact you

Non-members can book online without being required to register or log-in to the website. Seminar payment will be taken at the time of booking (via Paypal)

Students can request a seminar place by emailing seminars@tsug.org.uk

If you are already registered with the website, please log on before booking the seminar. For all seminar enquiries, contact us at: seminars@tsug.org.uk or www.tsug.org.uk.

Bookings close on Tuesday 15th January 2019.

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