

Breakfast Meeting with Lewis Fulton Costs and Travel Choices in a Three Revolutions World

Friday, 01 June 2018, 08:30am-10:30am

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Automation, electrification and shared mobility – Lewis Fulton, co-author of the UC Davis and ITDP report “Three revolutions in urban transportation” coined the debate on the transformation of the transportation sector worldwide. The analysis from UC Davis and ITDP shows that the Three Revolutions in Urban Transportation could not only lead to large scale greenhouse gas emission reductions, decongested streets, more urban space for other uses and improved livability in cities, but also to a significant reduction in urban vehicle transportation costs of up to 40% globally by 2050.

However, in a Three Revolutions World plunging out-of-pocket transportation costs will also pose new questions and challenges to urban decision-makers. How will low-priced shared, electric and automated mobility services impact on existing public transportation modes? How do non-monetary costs, such as time and convenience factors, affect travel behavior? What is the role of pooled rides to ensure a positive outcome of the Three Revolutions and how can pooling be incentivized in a low-cost mobility scenario?

Sign up to the Agora Verkehrswende Breakfast Meeting with Lewis Fulton on June 1st at veranstaltungen@agora-verkehrswende.de and engage in the discussion on the Three Revolutions’ impact on mobility costs and travel choices. The meeting is held in English. Seating is limited.

PROGRAMME

Moderation: <i>Alexander Jung, Senior Associate New Mobility, Agora Verkehrswende</i>	
08:30 - 09:00	Breakfast and Networking
09:00 – 09:30	Keynote: Costs and Travel Choices in a Three Revolutions World <i>Lew Fulton, Co-Director of the Sustainable Transportation Energy Pathways (STEPS) program within the Institute of Transportation Studies at the University of California, Davis (ITS-Davis)</i>
09:30 – 10:30	Discussion with the Audience

Lewis Fulton has worked internationally in the field of transport/energy/environment analysis and policy development for over 25 years. He is Co-Director of the Sustainable Transportation Energy Pathways (STEPS) program within the Institute of Transportation Studies at the University of California, Davis. There he leads a range of research activities around new vehicle technologies and new fuels. He was a lead author on the recent IPCC 5th Assessment Report, Mitigation ("Climate Change 2014: Mitigation of Climate Change", transport chapter). Current projects include analyses of electric vehicles, shared mobility, automation, and other drivers of transportation futures.



From 2007-2012 he was a Senior Transport Specialist with the International Energy Agency, Paris, as well as Division Head for Energy Technology Policy during 2011-2012. He returned to the IEA in 2007 after working there originally from 1999-2005. At the IEA Lew led the development of the Mobility Model and directed transport-related analysis connected with the Energy Technology Perspectives series of publications. During 2006-2007 he worked in Kenya with the UN Environment Program, developing and implementing GEF-funded sustainable transport projects around the world. During the 1990s he also worked at the US Department of Energy for 4 years, and taught at the Independent University of Bangladesh and the University of Maryland.

Lew received his Ph.D. in Energy Management and Environmental Policy from the University of Pennsylvania in the United States in 1994.

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