



Electric vehicles, urban development and energy infrastructure: comparative perspectives from the UK and South Korea

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Centre for Energy Systems & Strategy

Fund for International
Collaboration



1 September 2022 (Day 2)

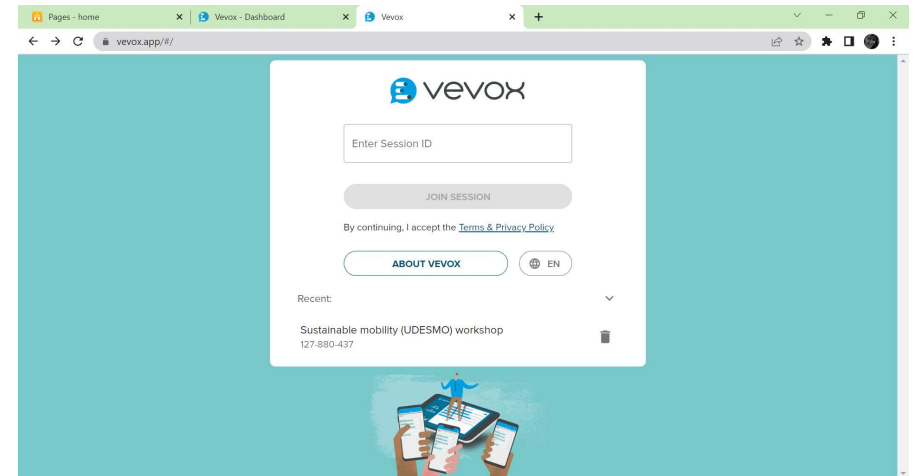
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Key messages from day 1

- Electrification of transport should be assessed as part of wider transport policy
 - Rural vs urban divide
 - On demand transport/ MaaS/ active transport
- Car dependence should be assessed as part of wider economic development
 - US economic growth
 - Regional economic growth
- Local authorities' capacity and capability to facilitate EV uptake
 - Funding is patchy and competition based
 - Managing of socio-economic, spatial, infrastructure-related differences
 - Different consumer segments, values, accessibility of infrastructure, business models

Logistics

- Interactive panel debate
- Go to vevox.com
- Session ID: 127-880-437
- Join zoom meeting:
- Meeting ID: 868 3324 7088
- Passcode: 774633



- To Connect to wi-fi – see the leaflets

9:00-9:05	<p>Overview of Day 1 and Objectives of Day 2</p> <p>Dr Nazmiye Ozkan – Cranfield University</p>
9:05-10:20	<p>UK & KR perspective: Policy goals and instruments to manage the impacts of large EV uptake on power networks – chaired by Prof Tim Schwanen and Prof Jeong Hwan Bae</p> <ul style="list-style-type: none"> • Policy approaches to maximise smart charging in Great Britain, Rob Mangan, EV Energy Innovation, BEIS • Impact of promotion of EV on electricity demand in South Korea, Dr Park Mung D., Korea Energy Economics Institute (remote presentation)
10:15-11:00	<p>Break-out group discussion and reporting back</p> <ul style="list-style-type: none"> • What are the similarities and differences in policies & instruments between the UK and KR? • What lessons can be shared?
11:00-11:15	Tea/ coffee break
11:15-12:15	<p>UK & KR perspective: Policy goals and instruments to influence demands for EVs and their charging infrastructure at local level- chaired by Prof Stefan Bouzarovski and Dr Jinhee Kim</p> <ul style="list-style-type: none"> • The Oxfordshire Innovation Framework – policy goal and instrument to influence local EV charging and local energy infrastructure development, Katie Parnell, Oxfordshire County Council • Electric Mobility Activities and Learned Lessons in Korea, Dr Kyu-ok Kim, The Korea Transport Institute (remote presentation) • The demand for EV charging infrastructure at the local level, and a supply strategy based on activity-travel patterns: current status in Korea, Dr Seo Youn Yoon, Korea Research Institute for Human Settlements (remote presentation)
12:15-13:10	<p>Plenary debate: lessons to share between the UK and KR</p> <p>Commentary by Paul Gambrell - Oxfordshire County Council</p>
13:10-13:15	Closing remarks – Dr Nazmiye Ozkan & Prof Brian Kim
13:15-14:00	Lunch