

## **Knowledge exchange event between UK and South Korea researchers on the emerging challenges from electric mobility on energy infrastructure systems**

Workshop

**Date de début** : 31 Août 2022 09:00

**Date de fin** : 1 Septembre 2022 17:00

**Lieu** : Oxford

**Source de l'information** :

<https://www.cranfield.ac.uk/events/events-2022/electric-vehicles>

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Transition to electric mobility will have significant impacts on energy infrastructure systems. On the other hand, the urban development plays a crucial role in determining where the need may arise for electric vehicle (EVs) and their charging infrastructure. Yet to date, the interaction and dependency of energy infrastructure and urban development, alongside the impacts of EV policies, within different institutional contexts remain insufficiently explored. The aim of Urban Development, Energy infrastructure and Sustainable Mobility (UDESMO) network, funded by ESRC, is to address this knowledge gap and the lack of connectivity and level of engagement between the UK and South Korea (KR) researchers through networking activities. In two workshops running consecutively, the aims of this event are as follows:

Facilitate knowledge exchange on role of urban planning and policy in facilitating the management of power networks in the UK and KR

Generate comparative insights on policy goals, implementation structures and instruments across the UK and KR

Identify lessons to share to enable cost-effective operation of power networks between the UK and KR

This is a two-day event where the first day is dedicated to presentations from the early career researchers (ECRs) and setting a research agenda with international

perspectives. The second day focuses on generating shared knowledge on policy goals, instruments and implementation structures across the UK and KR with the participation of academia, industry and policy stakeholders. Both events will include academic presentations, breakout-out sessions and plenary debates and run in a hybrid format. To encourage the participation of UK ECRs in person, we will cover their travel and accommodation costs, subject to the availability of funds and meeting the selection criteria. We adhere to provide a platform for equal, diverse and inclusive participation. Speakers and panel participants

Dr Nazmiye Ozkan – Cranfield University

Professor Tim Schwanen – University of Oxford

Prof Stefan Bouzarovski - University of Manchester

Prof Brian Kim – Seoul National University

Prof Jeong Hwan Bae - Chonnam National University

Dr Jaewon Lim – University of Nevada, Las Vegas

Dr Jinhee Kim – Yonsei University

**Informations pratiques :**