



Department for
Science, Innovation
& Technology



**Accelerating Electromobility in the UK and
Singapore: a shared challenge**
April 17 – 20, 2023

From Newcastle. **For the world.**

Opening remarks

Kara Owen

British High Commissioner to Singapore
British High Commission

Natalie Black

HM Trade Commissioner Asia Pacific
UK Government

Richard Davies

Professor and Pro Vice-Chancellor
Global and Sustainability
Newcastle University



Trends in the electrification of transport

Colin Herron

Professor of Practice
Newcastle University

Niels De Boer

COO Future Mobility Solutions
Energy Research Institute
Nanyang Technological University

Bicky Bhangu

President APCA Region
Rolls-Royce

Min Yih Tan

Senior Vice President
Global Mobility Network
Shell

Modelling EV networks in the UK and Singapore

Colin Herron

Professor of Practice
Newcastle University

Muhamad Azfar Ramli

Deputy Department Director
Institute of High Performance Computing
Agency for Science, Technology and Research (A*STAR)

Tobias Massier

Principal Scientist
Technical University of Munich
Create Singapore

Yangfang Helen Zhou

Associate Professor, Operations Management
Singapore Management University

Implementing EV charging networks

Carl Perrin

Professor and CEO
Institute for Clean Growth and Future Mobility
Coventry University

Freddie Chew

General Manager
ComfortDelGro ENGIE

Arjun Raju KS

Head of E-Mobility APAC
SIEMENS Smart Infrastructure
Singapore

Darren Teoh

Vice President Group Sustainability
CapitaLand Investment

Infrastructure for Electromobility

Goh Chee Kiong

CEO
Charge+

Yan Xu

Associate Professor
Nanyang Technological University

Akshay Rathore

Professor of Engineering
Singapore Institute of Technology

Monica Huang

Technical Principal
Envision Digital

Research and Business Case Studies

Farzaneh Farhadi

Researcher, Intelligent Transport Systems
Newcastle University

Safak Bayram

Lecturer
Strathclyde University

Richard Chin

General Manager
Strides

David Goh

Head of Hyundai Cradle
Hyundai Singapore

Law Chung Ming

Executive Director
Enterprise Singapore



Day 1 Roundup

Colin Herron

Professor of Practice
Newcastle University

Josey Wardle

ZEV Infrastructure Lead
Innovate UK

Urban Mobility and Innovation

Phil Blythe

Professor of Intelligent Transport Systems
Newcastle University

Josey Wardle

ZEV Infrastructure Lead
Innovate UK

Jeff Obbard

Professor
Cranfield University

Michael Chadney

Senior Transport Planner
Arup Singapore



AV Technology and Policy

Niels De Boer

COO Future Mobility Solutions

Energy Research Institute

Nanyang Technological University

Malika Meghjani

Assistant Professor

Singapore University of Technology and Design

The role of AV in Electromobility

Niels De Boer

COO Future Mobility Solutions
Energy Research Institute
Nanyang Technological University

Samuel Layton

Head of Singapore Operations
Aurrigo

Jeannie Lee

Associate Professor
Director of Programmes
Singapore Institute of Technology

Phil Blythe

Professor of Intelligent Transport Systems
Newcastle University

EV Energy Supply: UK Case Study

Josey Wardle

ZEV Infrastructure Lead
Innovate UK

Infrastructure, technology and alternative fuels

Phil Blythe

Professor of Intelligent Transport Systems
Newcastle University

Peng Xiaoyang

R&D Programme Manager
Engie Lab

Wang Zhenglin

Head, Marketing and Partnerships
Keppel Infrastructure

Sandeep Hadap

Regional Sales Manager (Asia)
SIEMENS Energy
Singapore

EV's, fleets and the business context

Alistair Scott

Managing Director APAC
Jaguar and Land Rover

Patrick Wong

Country Manager
GoGoX

Chen Xinwei

Deputy General Manager
Strides

Wong Zhonghao

Product & Sales Manager
Wearnes Automotive

Yossapong Laoonual

Associate Professor KMUTT
Electric Vehicle Association of Thailand

Fleets and Logistics Case Studies

Shruti Rathore

Senior Strategy Consultant
Arup

Lewis Hunter

Research Fellow
Strathclyde University

Tom Shanks

Chief Financial Officer
Blue Line Taxis UK

Kelvin Ng

Business Development
PTV Group Singapore

Aval Singh

Engineer, Intelligent Fleet
Continental Corporation



Day 2 Roundup

Phil Blythe

**Professor of Intelligent Transport Systems
Newcastle University**

Colin Herron

**Professor of Practice
Newcastle University**

Next generation EV technologies

Clive Ford

Innovation Lead

Institute of High Performance Computing
Agency for Science, Technology and Research (A*STAR)

Rohit Bhagat

Professor and CEO

Institute for Clean Growth and Future Mobility
Coventry University

David Hunter

Advanced Electric Machines

Gavin Harper

Research Fellow
Birmingham University

Alex Yan

Professor of Engineering
Nanyang Technological University

Emerging battery technology

Ho Choon Lim

Deputy Group Manager
Agency for Science, Technology and Research (A*STAR)

Amit Gupta

Head of Rolls-Royce Electrical
Singapore

Elsa Feng

Assistant Professor
Singapore Institute of Technology

Arjun Bhattarai

Chief Technology Officer
V-Flow Tech

Modelling, data and EV networks

Colin Herron

Professor of Practice
Newcastle University

Tom Shanks

CFO
Blue Line Taxis UK

Lewis Hunter

Research Fellow
University of Strathclyde

Eng Yew Yeoh

Director
Regional Institute for Sustainability and Energy Transition
Bureau Veritas

Reimagining the battery for the circular economy

Rohit Bhagat

Professor and CEO, Institute for Clean Growth
and Future Mobility
Coventry University

Gavin Harper

Research Fellow
Birmingham University

Lidija Siller

Professor Nanoscale Science
Newcastle University

Bryan Oh

CEO
NEU Battery Material

Song Ziyou

Assistant Professor
National University of Singapore

Grid to charging stations

Wenyi Chew

Business Development
Keppel Volt

Parikshit Yadav

Co-Founder
Wired Box Company

Kelvin Ng

Business Development
PTV Group

Peter Gettinby

Land Director
RSK

Battery Recycling and Reuse Case Studies

Aaron Wee

VP Investments and Strategy

ACE Green Recycling

Douglas Duncan

Head Strategic Development

Durapower

Simon Lambert /Gavin Harper

Senior Lecturer / Research Fellow

Newcastle University / Birmingham University

Tan Kai Liang

Section Manager

Agency for Science, Technology and Research
(A*STAR)

Training and Skills, Case studies

Goh Say Seng

**Deputy Director (Technology Development)
Singapore Polytechnic**

Carl Perrin

**CEO, Institute for Clean Growth and Future Mobility
Coventry University**

Training and Skills

Quek Yang Thee

Programme Chair
Republic Polytechnic

Colin Herron

Professor of Practice
Newcastle University

Carl Perrin

Professor and CEO, Institute for Clean Growth
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Coventry University

Day 3 Roundup

Phil Blythe

Professor of Intelligent Transport Systems
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Colin Herron

Professor of Practice
Newcastle University

Niels De Boer

COO Future Mobility Solutions
Energy Research Institute
Nanyang Technological University

Simon Lambert

Senior Lecturer
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