

EV CHARGING INFRASTRUCTURE AC, DC, V1G, V2G LIVE FOCUS DAYS – AGENDA

Event host: 

7 September – Day 1

7.30 Registration for Seated Breakfast

7.30 – 8.20 Seated Breakfast for prebooked participants

8.00 Main registration

8.00 – 8.40 Morning refreshments

The Day is Group-Chaired by:

- 1. Kristina Mould, Capital Programme Project Manager, Oxford City Council**
- 2. Katie Colledge-Price, Senior Project Delivery Manager, Joju Solar. Formerly: Sustainable City Project Officer (Energy Superhub Oxford), Oxford City Council**

8.45 – 8.55 Host Welcome Address: Toby Butler, General Manager E-mobility Europe, Shell

8.55 – 9.00 Group-Chair Welcome:

Tina Mould, Capital Programme Project Manager, Environmental Sustainability, Oxford City Council & Katie Colledge-Price, former Sustainable City Project Officer, Environmental Sustainability, Oxford City Council

Our Partners:



Sponsor:



Guest Presenter:



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Event host: 

9.00 – 10.00 The Partners' Panel + Q&As: Public EV charging infrastructure

Our Partners who provided guidance and advice on the content of this panel are:



Q:

- Community & on-street parking charging
- Access for EV customers VS anyone parking in a spot
- Access to public charging infrastructure for large vans and HGV's
- Policy support to enable such adoption and access. Does this differ by region/country?
- Is rapid charging the most optimal way to go?
- Facilitating provision of 150KW rapid charging in cities

Panelists:

Kristina Mould, Capital Programme Project Manager, **Oxford City Council**: “**What Role can Local Authorities play in the roll out of EV Charging Infrastructure**”

Aaron Berry, Deputy Head, Office for Zero Emission Vehicles (energy and infrastructure), **Department for Transport**

Neil Isaacson, CEO, **Liberty Charge**: “**Accelerating the deployment EV charging in residential streets**”

Lex Hartman, CEO, **ubitricity**

10.05 – 11.05 Focus panel + Q&As: Understanding the social impact of residential on-street EV charging infrastructure, what the challenges are and why it's so important?

Our Partners who provided guidance and advice on the content of this panel are:



Our Partners:



Sponsor:



Guest Presenter:



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Event host: 

Q:

- Lifetime issues, maintenance, responsibilities
- Ensuring residential charging is correctly priced, maintained properly, working and available

Panelists:

Dr Chris Pateman-Jones, CEO, **Connected Kerb** presenting in partnership with Tim Middleton, Transport Innovations Programme Manager, **Kent County Council**

Shira Lappin, Innovation Project Lead, **UK Power Networks**: “How to use collaboration to unlock EV charging for all”

Cllr Johnny Thalassites, Lead Member, Planning and Transport, **Royal Borough of Kensington and Chelsea**: “How to deliver a usable network in central London”

Jason Cross, Technical Director, North Thames Division, **Croudace Homes Group**: “EV Charging Infrastructure in Residential Developments”

11.05-11.25 Coffee Break

11.25-12.25 Industry case reviews with Q&As

Q:

- How to evaluate your network and find the most cost-effective pilot sites to try
- Optimising fleet charging (using depots, on route charging, smart charging, wireless charging)
- Commercial fleet charging

Our Partners:



Sponsor:



Guest Presenter:



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Event host: 

Panelists:

Garry Birmingham, Programme Director `Carbon`, **First Bus: “Pathfinder Bus depot Electrification”**

Olly Craughan, Head of CSR, **DPD Group UK: “The Fleet Charging Challenge”**

Alex Gilbert, Head of Energy & Electrification, Commercial Development, **Transport for London: “The Future of London's Rapid Charging Infrastructure”**

12.25-12.50 **Presentation by Toby Butler, General Manager E-mobility Europe, Shell**

12.50-12.54 **Lunchtime Guest Presentation by Leigh Purnell, CEO, Petalite Limited: “A new movement in electric vehicle charging”**

12.50-14.10 Lunch

14.10-14.30 **Keynote Address by Dr. Beatrix Schlarb-Ridley, Director of Innovation and Impact, British Antarctic Survey: “Achieving Net Zero in Antarctica: Role of Vehicle Electrification”**

14.30-15.30 **Focus panel + Q&As: Focus panel + Q&As: Motorway service area charging and Rapid charging hubs**

Our Partners who provided guidance and advice on the content of this panel are:



Our Partners:



Sponsor:



Guest Presenter:



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Event host: 

Q:

- Challenges and opportunities
- Optimising infrastructure roll out: future proofing vs meeting the demand vs winning competition and the customer
- What are driver's needs, what do you do while you are charging? What are the convenience services required here? How do you differentiate your experience for customer?
- Roll out and financing of infrastructure - what works, costs vs return on investment
- Improving productivity of your charging infrastructure
- Managing grid services
- Optimising onsite Energy Capacity for charging infrastructure

Panelists:

Christopher D'Souza, Head of Rapid Charging Fund, **Office for Zero Emission Vehicles at Department for Transport: "Building future-proof EV infrastructure"**

Dave Atkinson, Head of Programmes and Smart Place, **City of York Council: "A Sustainable Future for York with HyperHubs"**

Bernt A. Bremdal, Professor & Senior Advisor R&I, **UiT & Smart Innovation Norway (may be joining virtually): "Mobile charging services and charger swapping" case study on urban charge court and rural charging**

15.35-16.30 **Presentations + Q&As / Focus panel + Q&As: Battery Manufacturers panel**
Our Partner who provided guidance and advice on the content of this panel is:



Our Partners:



Sponsor:



Guest Presenter:



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Event host: 

Q:

- Current technology limitations, target markets, what next and when, “factory to market” timeframe for new promising technology, costs, battery life and performance improvements, in-demand technology projections
- Battery life for second-hand life of EV’s
- Recycling of used batteries - what is being done by the manufacturers

Panelists:

Lukas Gazda, Managing Director, **BMZ Innovation Group**: “Advanced battery solutions and their commercialisation on the heavy-duty electric vehicles market”

Francisco Carranza, Vice President Sales and Marketing, **Automotive Cells Company**

Peter Rolton, UK CEO, **Britishvolt**

16.30-16.35 **Host Day 1 Closing Address: Toby Butler, General Manager E-mobility Europe, Shell**

16.30-18.00 **Ambassadors’ Hour (By direct invitation only. Closed to general participation)**

Our Partners:



Sponsor:



Guest Presenter:



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Event host: 

8 September – Day 2

7.30 Registration for Seated Breakfast

7.30 – 8.20 Seated Breakfast for prebooked participants

8.00 Main registration

8.00 – 8.40 Morning refreshments

The Day is Chaired by: Massimo Resta, Partner, Zouk Capital

8.45 – 8.55 Host Welcome Address: Toby Butler, General Manager E-mobility Europe, Shell

8.55 – 9.00 Chair Welcome: Massimo Resta, Partner, Zouk Capital

9.00 – 10.00 Focus panel + Q&As: OEMs

Our Partner who provided guidance and advice on the content of this panel is:



Our Partners:



Sponsor:



Guest Presenter:



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Event host: 

Q:

- Technology steps required for mass adoption and how to optimise commercial fleet transition?
- Overcoming battery weight VS capacity issue
- Support for DC charging
- Views on commercial production of wireless charging EVs and projection for commercial technology use
- Availability of battery information via telematics
- Pricing of EVs
- Views of charging speed requirements and locations in 10 years time - all home & rapid hub? Thoughts on commercial and delivery vehicles

Panelists-Presenters:

Paul Willcox, Managing Director, **Vauxhall Motors**: “**Electrifying British Business: Turning the white van green**”

John Comer, Head of Product Management, **Volvo Trucks UK and Ireland**: “**The decarbonisation of heavy goods vehicles – a road map**”

10.05 – 11.05 **Focus panel + Q&As: Corporate/commercial fleet charging infrastructure**

Our Partners who provided guidance and advice on the content of this panel are:

Sponsored by:



openreach



Life Is On



Our Partners:



zouk



openreach



Sponsor:

Life Is On



Guest Presenter:



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Event host: 

Q:

- What charging infrastructure to invest in and when? - complying with corporate policy and gov't deadlines on greening fleets
- Thinking about battery life, optimisation of fleets and battery capacity
- Different fleet models – what does that mean for electrification?
- What are the barriers to adoption for fleets?
- How do we manage resale of assets for fleets in an evolving technology landscape?
- Maximising smart charging: load balancing using intelligent charging software
- Private network - Improving productivity of your charging infrastructure through inviting other customers to use your private network

Panelists:

Olly Kunc, Managing Director of Service Delivery, **Openreach**: “**Delivering nationwide fleet charging infrastructure**”

Simon Morrish, CEO, **Ground Control**: “**Leading the Charge: Investing in a Greener Future**”

Amit Chopra, Head of commercial UK&I, emobility Innovation, **Schneider Electric**: “**Electrifying our fleet - Schneider Electric**”

11.05-11.25 Break

11.25-12.25 **Focus panel + Q&As: Supporting businesses to decarbonise and achieve net zero ambitions – the practical challenges**

Our Partner who provided guidance and advice on the content of this panel is:

[openreach](https://openreach.co.uk)

Our Partners:



Sponsor:



Guest Presenter:



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Event host: 

Q:

- Challenges national businesses face in deploying charging infrastructure
- Who needs to take the lead of charging infrastructure deployment – industry / government?
- How can government better support businesses, including the need for further grants?
- Support to businesses to deliver their own networks

Panelists:

Garry Birmingham, Programme Director `Carbon`, **First Bus: “Towards a delivery plan for de-carbonisation of FirstBus”**

Lara Young, Group Carbon Manager, **Costain Group PLC**

James McKemey, Head of Insights, **Pod Point: “National EV rollouts: Learnings from the Last Mile”**

12.25-12.50 **Presentation by Massimo Resta, Partner, Zouk Capital:
“The Charging Infrastructure Investment Fund - Charging the transition to EV”**

12.50-12.54 **Lunchtime Guest Presentation by Leigh Purnell, CEO, Petalite Limited:
“A new movement in electric vehicle charging”**

12.50-14.10 Lunch

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Event host: 

14.10-15.00 Focus panel + Q&As: Leisure and shopping destination charging infrastructure

Q:

- What customer proposition works?
- How to make it work - Will you ever see return on potential power upgrade facilitating faster EV charging?
- Smart way of picking the right locations and charging infrastructure instead of doing blind roll out across all car parks assuming energy supply and distribution connections are not a problem?
- How to overcome the struggle for payback on consumer vehicle charging infrastructure

Panelists:

Adrian Keen, Chief Executive Officer, **InstaVolt**: “The role of Leisure and Retail in supercharging public charging infrastructure”

Richard Quartermaine, Environmental Manager, **Hammerson plc**: “EV charging at Brent Cross Shopping Centre”

Robert J. Bahl, Vice President of Engineering & Facilities, Global/Americas, **Marriott International (joining virtually)**: “Future of EV charging at Marriott Interational”

15.00-16.00 Focus panel + Q&As: Funding and Financing infrastructure

Our Partners who provided guidance and advice on the content of this panel are:



Our Partners:



Sponsor:



Guest Presenter:



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Event host: 

Q:

- Considerations, pros, cons, lessons learnt so far
- How is the market shifting and changing - financing big and long-term projects and how to do that
- What are the roles of government vs private sector
- The need for the right investment landscape and demand driven policy
- Tax incentives required?
- Charging-as-a-service
- Return on Investment and Generating Revenue
- Which charging methodologies work best where - what kind of investment is required? What partners are needed – landlord, investor, operator, DNO, etc

Panelists:

Dr Chris Pateman-Jones, CEO, **Connected Kerb**

Julien Touati, Partner, Corporate Development Director, **Meridiam** (may be joining virtually): “Meridiam’s pioneering experience in EV charging infrastructure financing”

Rahul Kumar, Investment Director, **Cube Infrastructure Managers**

16.00-16.30 **Keynote Address by Rachel Maclean MP, Parliamentary under Secretary of State, Department for Transport: “UK’s pathway to 2030 Road to Zero”**

16.30-16.35 **Host Day 2 Closing Address: Toby Butler, General Manager E-mobility Europe, Shell**

Our Partners:



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Guest Presenter:



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Event host: 

16.30-18.00 Ambassadors' Hour (By direct invitation only. Closed to general participation)

End of the Focus Days

Our Partners:



Sponsor:



Guest Presenter:

