

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

Event host: 

7 September – Day 1

The Day is Group-Chaired by:

1. Tina Mould, Capital Programme Project Manager, Environmental Sustainability, Oxford City Council
2. Katie Colledge-Price, Sustainable City Project Officer, Environmental Sustainability, Oxford City Council

8.45 – 8.55 Host Welcome Address: Giorgio Delpiano, Vice President Fleet Solutions, Shell

8.55 – 9.00 Group-Chair Welcome:

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

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



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

Our Partners:



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- 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:

Tina Mould, Capital Programme Project Manager, Environmental Sustainability, **Oxford City Council**

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

Neil Isaacson, CEO, **Liberty Charge**

Giorgio Delpiano, Vice President Fleet Solutions, **Shell**

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?

Content contribution from:



Q:

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

Panelists:

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

Shira Lappin, Innovation Project Lead, **UK Power Networks**

Our Partners:



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Event host: 

11.05-11.25 Coffee Break

11.25-12.25 Industry case reviews

Q:

- Home shopping fleets - How to evaluate your network and find the stores for most cost-effective pilot sites to try?
- Bus fleet charging - optimising bus fleet charging (using depots, on route charging, smart charging, wireless charging)
- Police force fleet charging / Public Services fleet charging / Local Authority fleet charging
- Heavy commercial fleet charging
- Future proofing your residential or commercial development – developer perspective

Panelists:

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

12.25-12.50 Presentation by Shell

Our Partners:



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Event host: 

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

Content contribution from:



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:

Our Partners:



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Event host: 

Stefan Roberts, Strategy Lead, Project Rapid, Office for Zero Emission Vehicles at Department for Transport

15.35-16.30 Focus panel + Q&As: Battery Manufacturers panel
Content contribution from:



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

17.00-19.00 Ambassadors’ Hour (By direct invitation only. Closed to general participation)

Our Partners:



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Event host: 

8 September – Day 2

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

8.45 – 8.55 Host Welcome Address: Roger Hunter, Vice President Electric Mobility, Shell

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

9.00 – 10.00 Focus panel + Q&As: OEMs (one representative each from vans, HGV, buses)
Content contribution from:



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

Our Partners:



zouk



openreach



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Event host: 

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



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**
Roger Hunter, Vice President Electric Mobility, **Shell**

11.05-11.25 Break

Our Partners:



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

Event host: 

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

Content contribution from:

[openreach](#)

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:

Simon Morrish, CEO, **Ground Control**

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

Vincent de Rul, Director of EV Solutions, **EDF** with partner TBC

12.25-12.50 Presentation by Massimo Resta, Partner, Zouk Capital

12.50-14.10 Lunch

Our Partners:



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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** with partner TBC

15.00-16.00 Focus panel + Q&As: Funding and Financing infrastructure (corporate fleet, public body/local authority, corporate parking forecourt)

Content contribution from:



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?

Our Partners:



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- 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**

16.00-16.30 **Keynote Address / Presentation (TBC):**

Transport Minister (transition to 2030 Road to Zero pathway)

Competition and Market Authority CEO (recommendations and findings following industry consultation on equalisation of EV charge pricing to end user)

17.00-19.00 **Ambassadors' Hour (By direct invitation only. Closed to general participation)**

End of the Focus Days

Our Partners:

