

EV CHARGING INFRASTRUCTURE AC, DC, V1G, V2G IN-PERSON FOCUS DAYS – AGENDA

Event host: 

8 June – 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
- Policy support to enable such adoption and access. Does this differ by region/country?

Our Partners:



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Event host: 

- 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 TBC

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

12.25-12.50 Presentation by Shell

12.50-14.10 Lunch

Our Partners:



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Event host: 

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:

Stefan Roberts, Head of Strategy (Project Rapid), Office for Zero Emission Vehicles at Department for Transport

Our Partners:



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Event host: 

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: 

9 June – 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:



EV CHARGING INFRASTRUCTURE AC, DC, V1G, V2G IN-PERSON FOCUS DAYS – AGENDA

Event host: 

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



openreach



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:



zouk



openreach



EV CHARGING INFRASTRUCTURE AC, DC, V1G, V2G IN-PERSON 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:



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

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

12.50-14.10 Lunch

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

Q:

- What customer proposition works?

Our Partners:



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- 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?
- 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

Our Partners:



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Event host: 

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:

