



First in Traffic Solutions.


# ELECTRIC VEHICLE CHARGING INFRASTRUCTURE IN SCOTLAND

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Evolt




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Region 2 – Northern Europe



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# EVOLT COVERAGE IN SCOTLAND



# THE CHALLENGES

- A national network of anything
- Prime locations vs available locations
- The mobile network
- Local authority pressures
- Changing technology
- Interoperability
- Proving the commercial model
- Staff engagement

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**But the potential is out there**

## NEGATIVE PRESS

### Scottish councils 'squander' £1 million on electric cars



# OPPORUNTIES– TAXI AND PRIVATE HIRE



# LARGE ORGANISATIONS.....CAN THEY FILL THE GAPS?

- Braehead Shopping Centre
- Fountain Park Edinburgh
- CALMAC
- Tourist destinations (e.g. Blair Drummond, Falkirk Wheel)



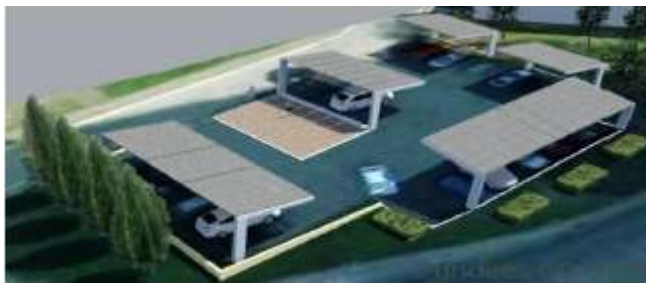
# STIMULATING CHANGE

- Higher education establishments
- NHS
- Transport interchanges (e.g. CMAL)
- Local authorities and their fleets





# DUNDEE – HARNESSING THE POTENTIAL





## ENSURING UTILISATION

- Free parking for EVs in the city
- Free to use charging facilities
- EVs are mandatory for any new private hire plate
- Promotion and education
- Transport Scotland paper on local incentives



# LESSONS LEARNED

- Early DNO engagement is key
- Shift the burden of work to suppliers
- The need for frameworks
- Test mobile coverage at site selection stage
- Enforcement of bays



## MORE LESSONS LEARNED

- The need for hubs
- Keep in touch with the funders
- Consideration of dumb/smart chargers where appropriate
- Cost savings with wall-unit installations
- Engagement with drivers



# OPPORTUNITIES FOR SCOTLAND

- Large renewables tie-in potential
- Energy storage
- Island geographies
- Vehicle-to-grid/home
- The public sector to continue to lead by example

**MANY THANKS**

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