



City of Westminster

Westminster City Council

Electric Vehicle On-Street  
Charging Scheme

Background

Charging point scheme

Installing recharging units on street – Considerations

Location of charging points – key considerations

Challenges

Costs

Future development



## Background

- Air quality issues in the City
- Air Quality Action Plan in 2001
- Air Quality Management Zone in 1999
- Parking policies in Westminster to support electric vehicle use



## Charging point scheme

On-street charging points:

12 charging points

Membership fee

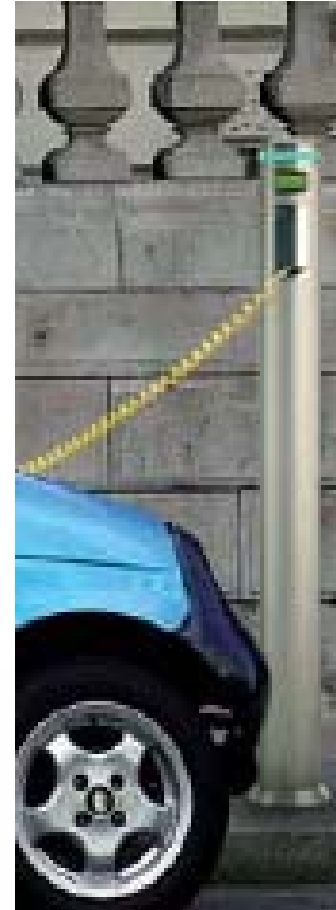
200 members

Off-street charging points:

40 charging points

Membership fee

230 members



# Installing recharging units on street - considerations

- Compliance with Westminster street design guidelines
- Not adding to 'street clutter'
- Durability of the point
- Continuity and appearance
- Suitability of the point for use by disabled users
- Compatibility with all electric vehicles in use in London
- Charge that unit can deliver
- Ability to download data from charging point/ other applications of smart metering
- Additional infrastructure required
- Design of charging lead





## Location of charging points – key considerations

- Visibility
- Demand
- Link with existing transport infrastructure
- Street clutter
- Electricity supply/local delivery network
- Accessibility



# Challenges

- Parking revenue
- Traffic Management Order
- Delegated powers
- Installation of the point will include line painting to mark out the spot, and display of signs
- Traffic wardens must be briefed on the procedure for electric vehicle parking
- Feeder pillar
- Administration of the scheme
- Maintenance and repairs
- Communication



# Covering the cost

- Costs
- Available funding
- Membership fees
- Section 106 agreement



## Future development

- Expansion & development of the scheme
- Working with the Mayor of London and other London boroughs





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Thank you!

Christel Quellenec-Reid:  
[cquellenecreid@westminster.gov.uk](mailto:cquellenecreid@westminster.gov.uk)



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Useful link:

<http://www.westminster.gov.uk/environment/pollution/airpollution/Ecomark/installation.cfm>