FR-EVUE

Freight Electric Vehicles in Urban Europe
FR-EVUE

- To demonstrate how electric vehicles can be used in urban logistics to improve traffic flow and reduce the associated environmental impacts.

- Led by Cross River Partnership with Westminster City Council as accountable body.

- 30 Partners from the public, private and research sectors

- Total budget: €13.8million over 4 ½ years
FR-EVUE

• Demonstration will include:
  – 120 vehicles: small vans, 3.5 tonne to large 18 tonne trucks
  – Different sectors: food, retail, waste, post
  – Public & Private organisations: local freight operators through to multi-national logistic companies
  – Different logistic models: consolidation centres, point to point deliveries etc
  – Different charging modes: fast, time-shifted, dynamic response etc
City + Policy
Westminster Council (Co-ordinator)

City of Amsterdam
City of Lisbon
City of Madrid
City of Milan
City of Oslo
City of Rotterdam
City of Stockholm
Swedish Transport Adm.
EMEL
Transport for London

Co-ordination and Dissemination
Hyer
Polis

Research
Imperial College London
TNO (NL)
SINTEF (NO)

Logistics
TNT
UPS
Heineken
bring EXPRESS
ARUP
SEUR
CTT Correios

ICT Partners
ITENE
Atos

Vehicle Manufacturers*
SMITH
NISSAN

Grid Operators
Fortum
UK Power Networks

* Renault will also support the project
Demonstrator Cities

- London
- Amsterdam
- Lisbon
- Madrid
- Milan
- Oslo
- Rotterdam
- Stockholm
Demonstrator Projects

**Rotterdam/Amsterdam**
- HEINEKEN: Brewing a better future by testing large Electric Vehicles in beverage distribution
- TNT Express and UPS: All Electric Parcel distribution centres
- Binnenstadservice: additional EV truck for consolidation centre.

**Stockholm**
- Best practice for EV logistics in new development areas
- 1st Consolidation centre for construction and mixed use
- Ongoing consolidation centre development.

**London**
- Reducing charging constraints for medium-large EV fleets and roll out of larger UPS electric fleet
- Expansion of EV consolidation centre to new end-user types
Demonstrator Projects

**Lisbon**
- Controlled deliveries in a historical area – positive discrimination for EVs
- Mail & Municipal Waste sectors

**Madrid**
- ICT tailored for optimisation of EV logistics
- Itene, SEUR, Pascual, TNT

**Oslo**
- Benchmarking EV logistics against alternative fuels and hybrid vehicles and test low temperature operation

**Milan**
- Consolidated EV logistics for pharmaceutical deliveries
Timeline

- FP7 results announced: August 2012
- Contract negotiations: Autumn 2012
- Contract signed: December 2012
- Project commences: January 2013
- Project delivery: 2013 – 2017
- Project conclusion: July 2017
For more information, please contact:

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