

Nottingham Go Ultra Low City Programme



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Nottingham
City Council

Building a Better Nottingham



UK's largest electric Linkbus fleet





transport_nottm

rhettcunningham, ginalclark00, uniofnottingham, petegypsy and nfarhana11 like this

transport_nottm Nottingham has today become a Go Ultra Low city alongside #London #MiltonKeynes and #Bristol. Watch this space for news on our progress! #GoLowNottm #GULcity #GoUltraLow <http://www.mynottinghamnews.com/electric-dreams-becoming-a-reality/>

Transport Nottingham @Transport_Nottm

CT4Nottingham operate 41 of our 45 electric Localink buses - proud to have their support in our @OLEVgovuk bid <http://t.co/nY3SHbjXrc>

Transport Nottingham

Published by CrowdControlHQ Posting [?] · 28 April ·

#ThrowbackThursday to last October when we submitted our successful #GoLowNottm bid to the Office for Low Emission Vehicles with the support of our brilliant partners <http://goo.gl/1st3SI>

LOW EMISSION NOTTINGHAM

Low Emission Nottingham

Transport Nottingham

Subscribed 31

241 view

Published on 2 Oct 2015

It showcases the wide range of low emission transport infrastructure and technology that is already in place in Nottingham and shows our ambitions for future development using our successful OLEV bid funding. For more information on our Go Ultra Low ambitions please visit www.nottinghamcity.gov.uk/goulralow

Transport Nottingham @Transport_Nottm · Feb 3

Last week we were successful in becoming a @GoUltraLow city thanks to our bid to @OLEVgovuk #GoLowNottm

£6.120m programme 2016 - 2020

EV Charging Infrastructure Network

Up to 230 fast and rapid units installed:

- Concentration on 7 Park and Ride sites – 5,000 spaces
- Council owned car parks and public estate
- Integration with Robin Hood Card
- EV Tariff via Robin Hood Energy Company



Public Sector Fleets Package



- Charging Infrastructure at public estates
- Fleet reviews to recommend ULEV opportunities – NHS/Local Authorities
- Fleet staff training and safety accreditation
- Advice and information support for new users
- Business case development to support financial case



ULEV Business Club support package

Business advice, events, practical tools:

- Grants for Workplace EV Charging Infrastructure
- Vehicle “try before you buy” scheme
- Onsite fleet advice and employer events
- Business Champions offering peer to peer learning

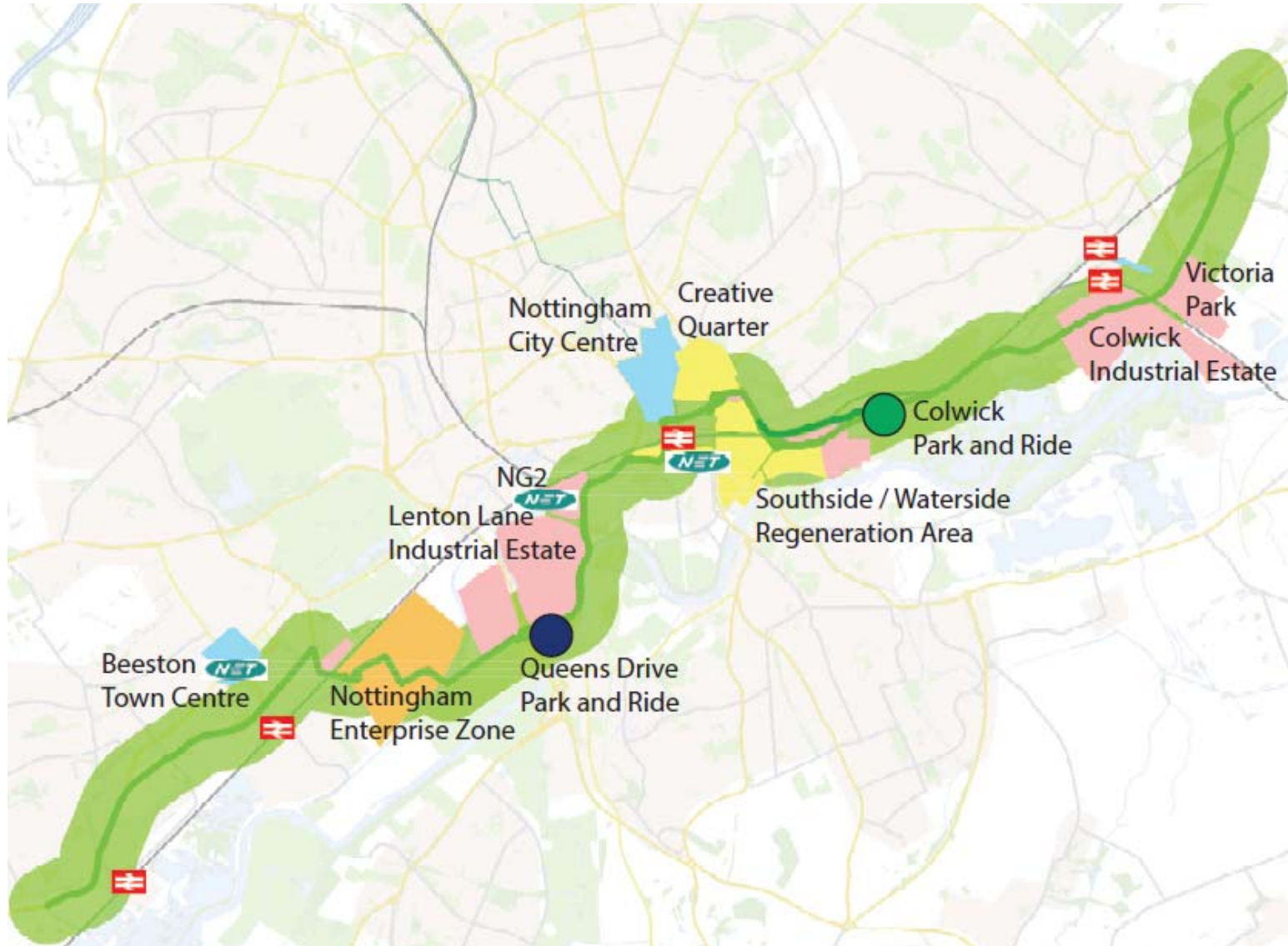


Community Support Package

- Large-scale “ULEV experience” events and roadshows
- “GoLowNottm” Owners Club - information, tools, website
- Community Champions network and testimonials
- ULEV Car Club expansion
- Parking incentives and offers



ECO Expressway - Shared ULEV Corridor



Clean Air Zone – Buses, Coaches, Taxis, HGVs



© Tony Wilson

Thank You!

Rasita Chudasama

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#GoLowNottm





• 10 years of excellence •



Cenex and Nottingham

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Independent, not for profit, low carbon technology experts

Cenex, Centre of Excellence for Low Carbon and Fuel Cell Technologies

About us

- Independent, not for profit, low carbon vehicle experts
- Established with support from the UK Government and the Automotive Industry
- 10 years experience of collaborative research for low carbon transport and energy infrastructure
- Focus on small fleet demonstration phase and on business decision tool development
- Experience in Electric, Hydrogen, and Gas/Biomethane vehicles
- Three years V2G experience
- Community/ networking activities focused on supply chain development
- Manage Europe's premier Low Carbon Vehicle Technology event – LCV www.cenex-LCV.co.uk



Cenex Clients



Nottingham Go Ultra Low



Millbrook 14 & 15 Sept

www.cenex-lcv.co.uk



Technology Showcase

Extensive Seminar Programme



Networking Dinner

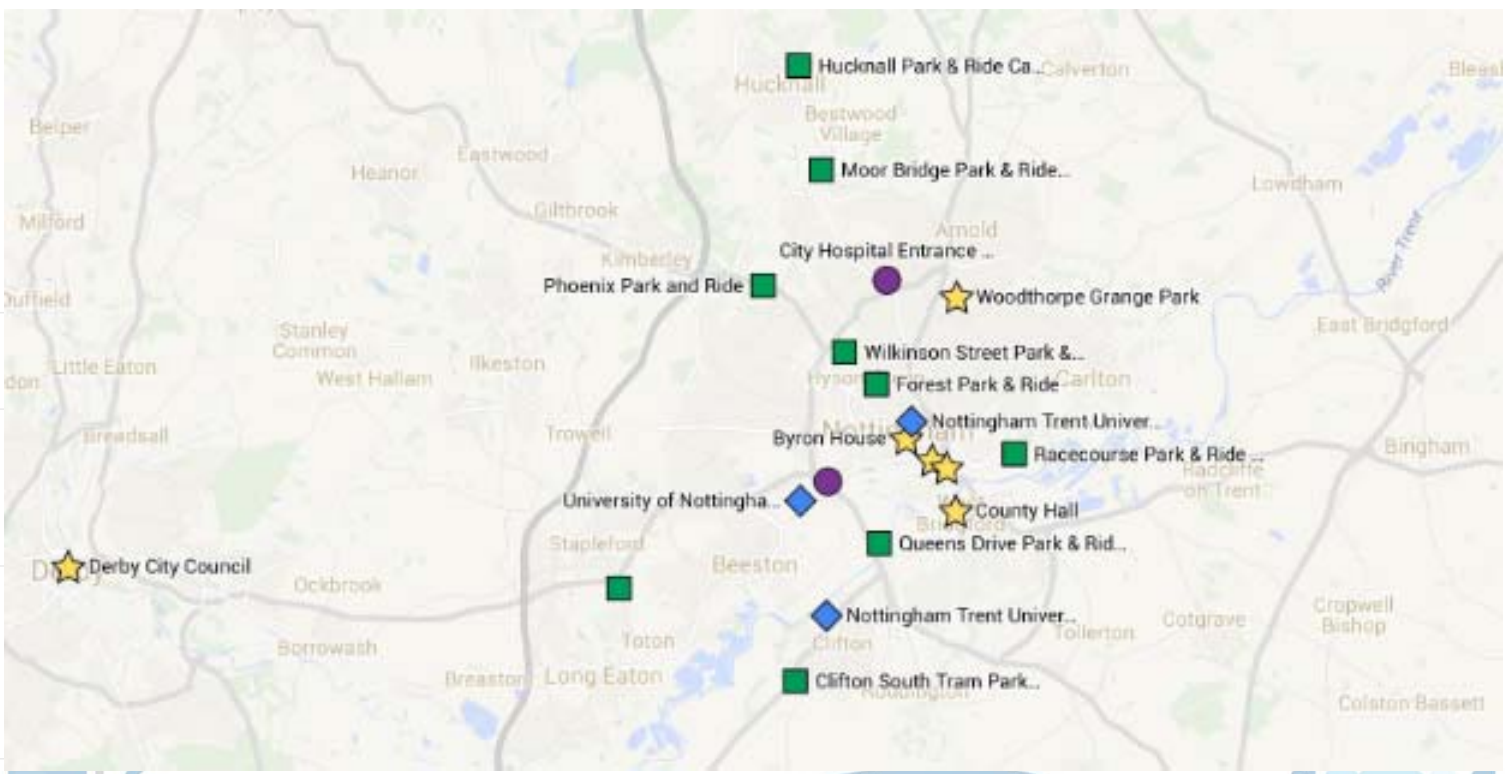
Ride & Drive



Charging infrastructure - Locations

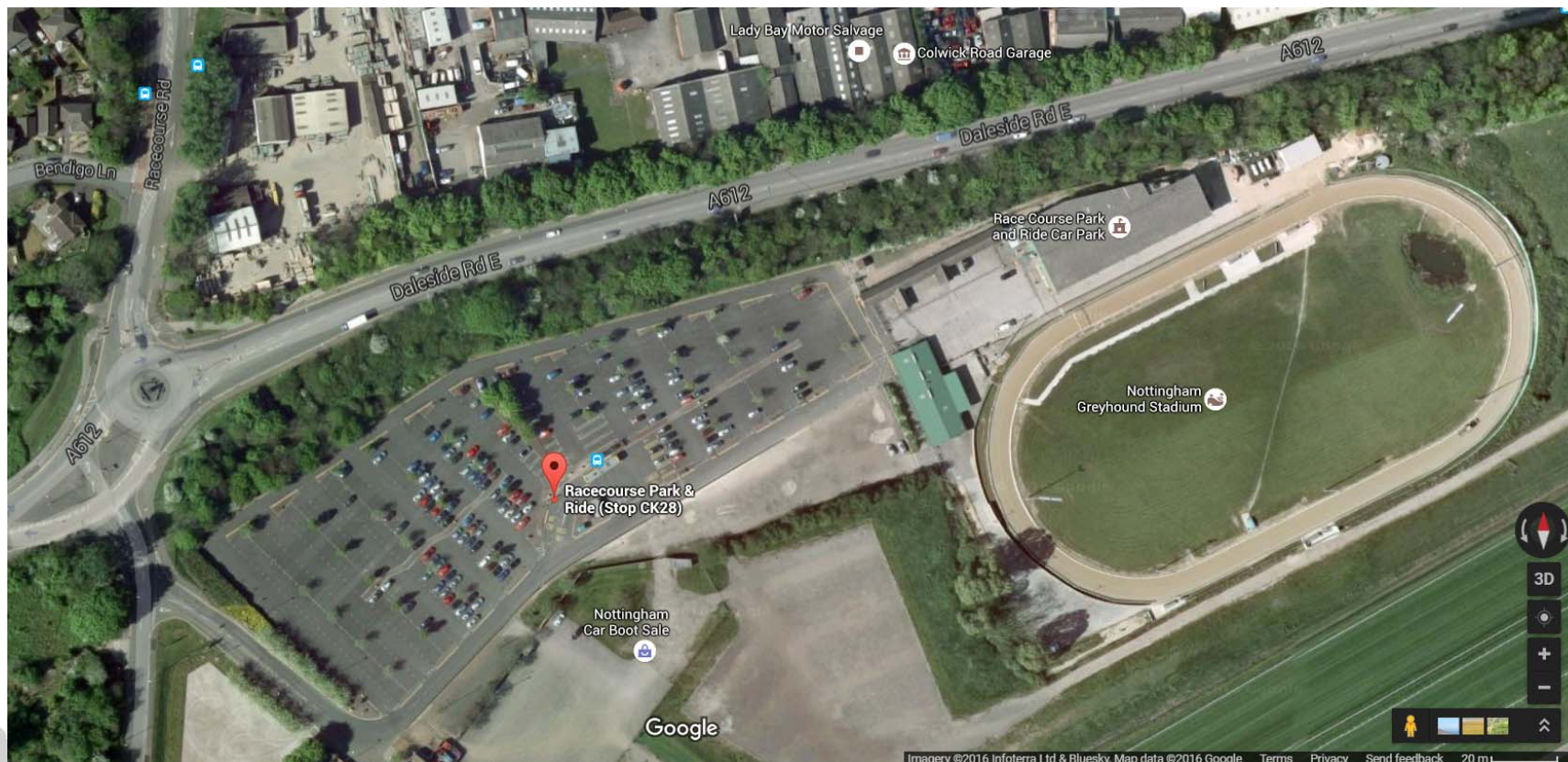
	Fast chargers	Rapid chargers
Number of chargers	135	95

- Park and Ride**
 - Racecourse Park & Ride (Stop CK27)
 - Queens Drive Park & Ride
 - Toton Lane Tram park & ride
 - Hucknall Park & Ride Car Park
 - Forest Park & Ride
 - Wilkinson Street Park & Ride
 - Phoenix Park and Ride
 - Moor Bridge Park & Ride Car Park
 - Clifton South Tram Park And Ride
- Hospital**
 - Queen's Medical Centre
 - City Hospital Entrance 1
- University**
 - ◆ University of Nottingham
 - ◆ Nottingham Trent University
 - ◆ Nottingham Trent University, Clifton Campus
- Public Estate**
 - ★ Nottingham City Council
 - ★ Byron House
 - ★ Woodthorpe Grange Park
 - ★ Eastcroft Depot
 - ★ County Hall
 - ★ Derby City Council



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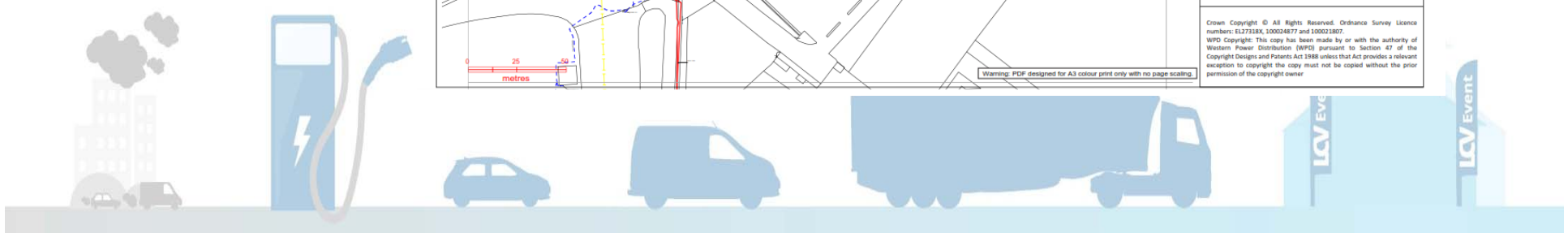
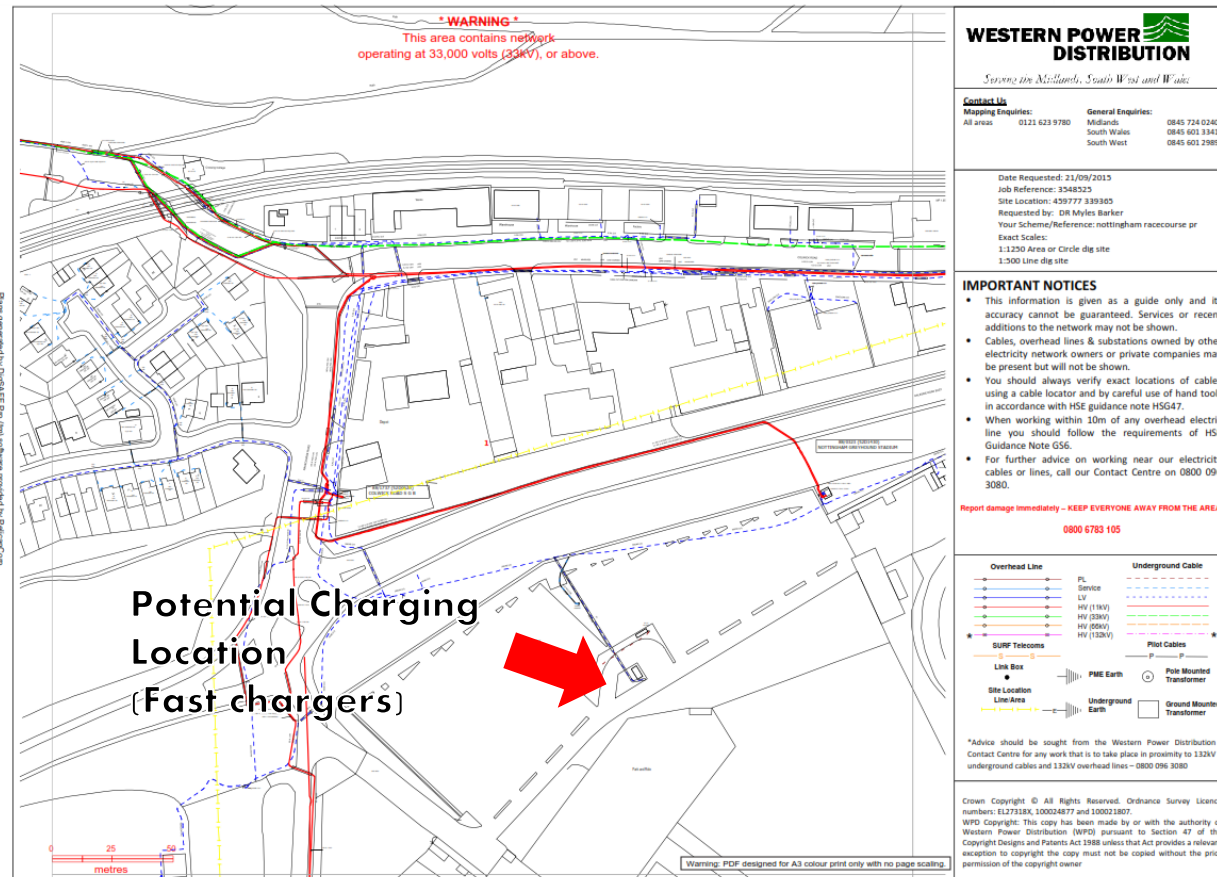
Charging infrastructure – Park and Ride



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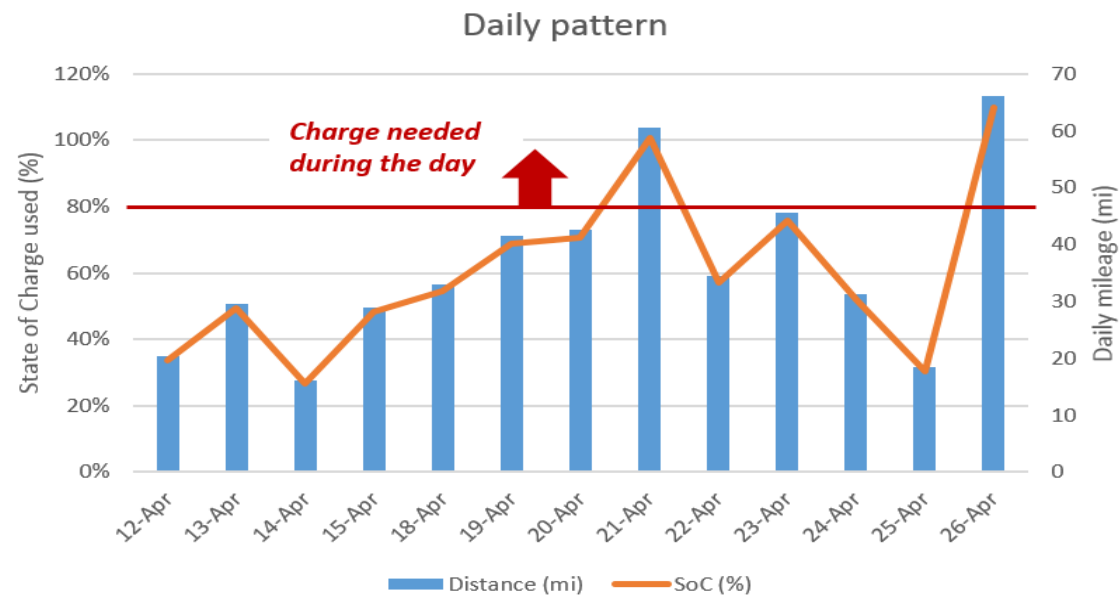


Charging infrastructure – Power Supply



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Fleet support – operational analysis



Fleet Support - Total Cost of Ownership

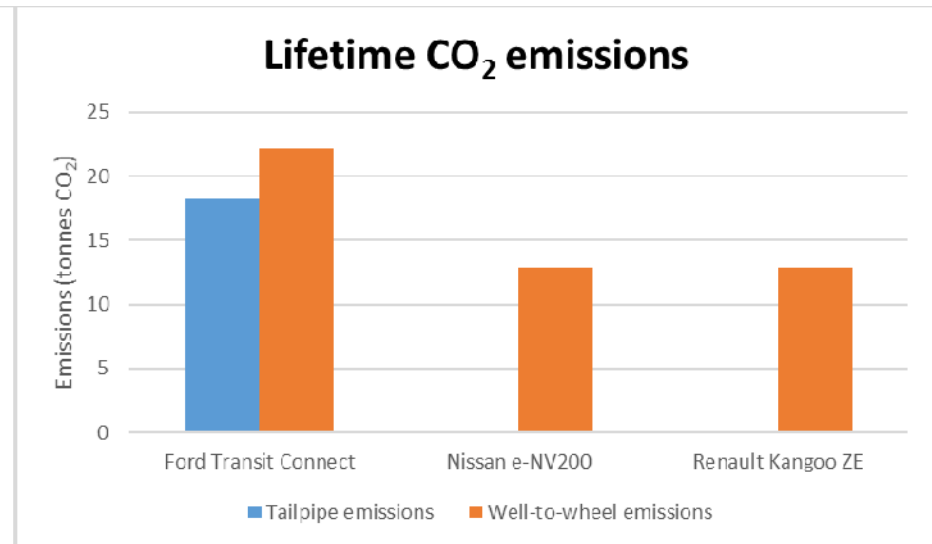
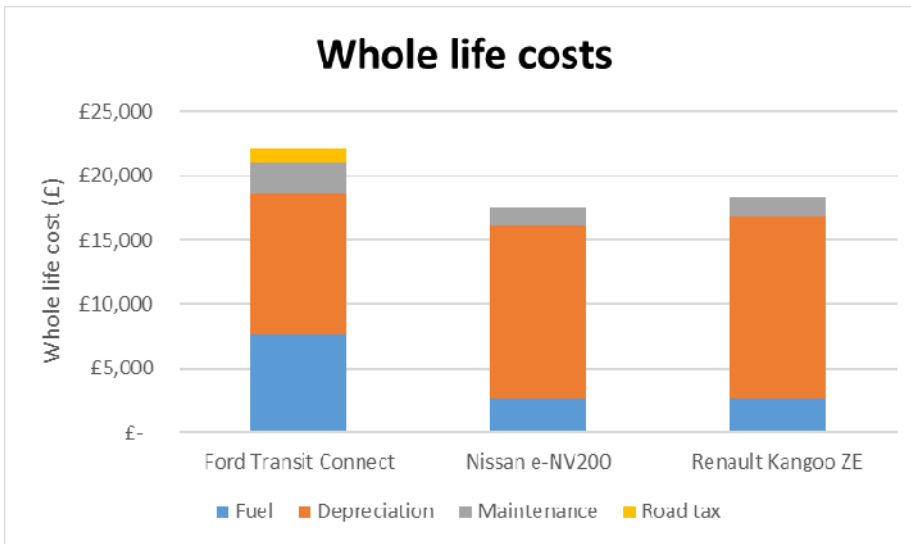
	Ford Transit Connect 220 1.6TDCi (Diesel)	Nissan e-NV200 Acenta (Electric)	Renault Kangoo ZE (Electric)
List price (inc. Gov. discount)	£9,038	£18,332	£18,228
Plug-in van grant discount		£4,400	£4,375
Fuel costs	£7,551	£2,576	£2,576
Road tax	£1,150	£0	£0
Maintenance costs	£2,303	£1,444	£1,462
Resale value	£3,204	£4,157	£3,310
Life time cost	£22,146	£17,550	£18,314
Cost per mile	38.2p	30.3p	31.6p
Whole life cost savings		£4,595	£3,832
Payback period (years)		1.1 years	1.3 years



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Fleet Support - Cost and Carbon



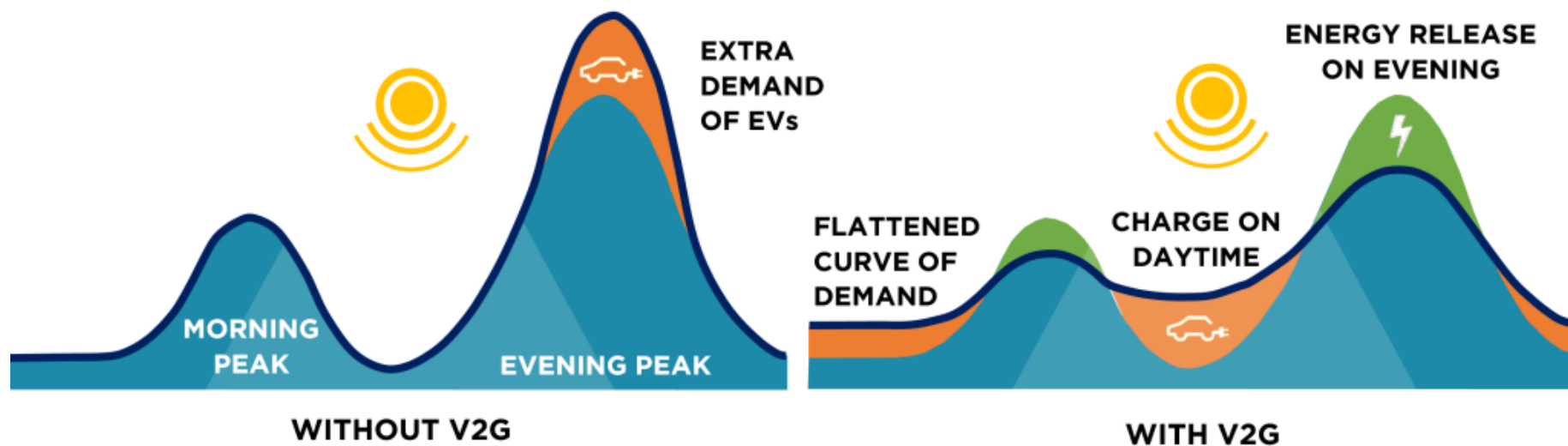
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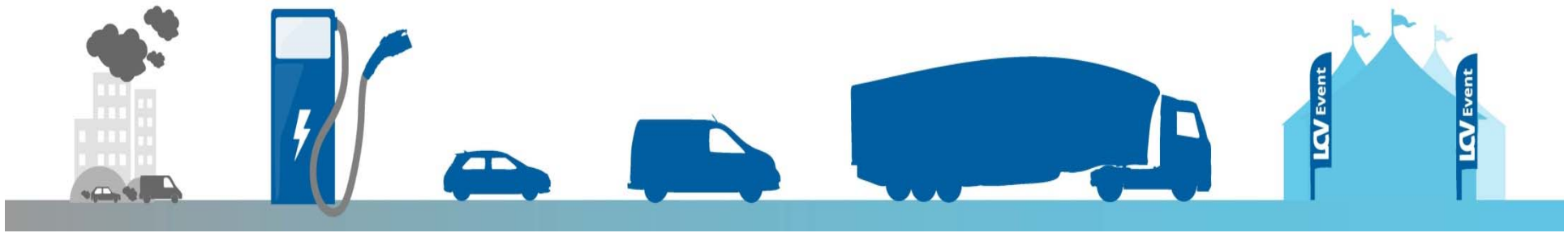
Innovation – demand side management and Vehicle 2 Grid



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Robin Hood - Integrated multi model E-mobility and Green Energy



Thank you

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