Ditch Diesel: Your Electric Vehicle Options Explained

Chair: Tomos Joyce, Guidance Manager









SUPPORTED BY

Department for Environment Food & Rural Affairs

Today's Speakers





Oliver LordMichael SmHead of Policy and CampaignsManaging DEnvironmental Defense Fund EuropeBrixton BID

Speaker

Michael Smith Managing Director Brixton BID

Speaker



Susannah Wilks Director Cross River Partnership

Speaker

Speaker



Kate Fenton Project Manager Cross River Partnership

Chair / Speaker

Guidance Manager

Cross River Partnership

Tomos Joyce



Abby McDougall Air Quality Analysis Officer Cross River Partnership

Chat Moderator

Joshua West Communications Manager Cross River Partnership

Webinar tech support







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Today's Agenda









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Introduction and Context Susannah Wilks, Director of CRP



CRP Projects







Our Vision

People

Working with engaged people connecting stakeholders to successfully collaborate and deliver

Places

Create great places, sharing best practice whilst ensuring all businesses are supported to grow sustainably

Projects

Deliver innovative projects for partners encouraging businesses to shift from incremental to permanent change, whilst inspiring others to do more at pace

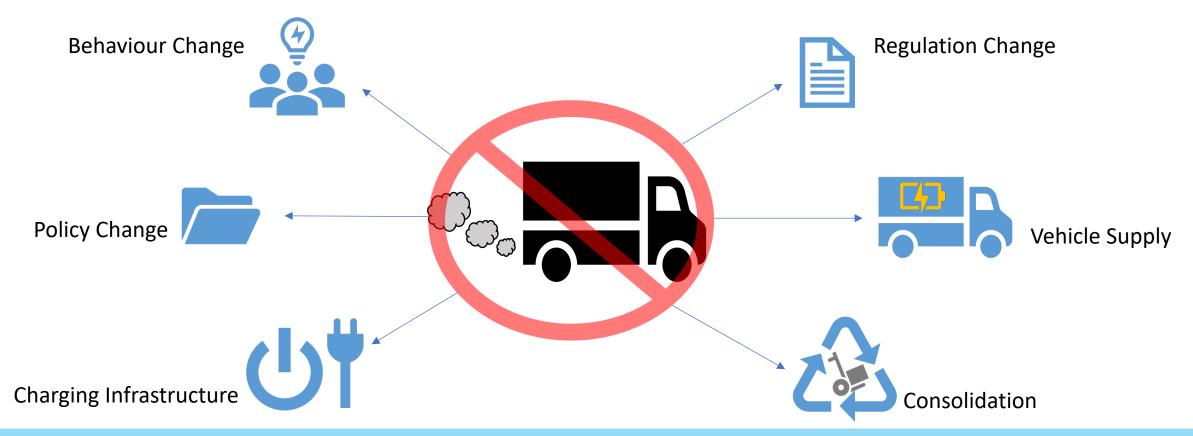


Working towards sustainable businesses, and improving air quality.



Ditching Diesel

CRP supports businesses, local authorities, BIDs, landowners and other groups to take steps towards reducing congestion and pollution on our roads





Low Emission Neighbourhoods: Policy, Regulation & Behaviour Change





West End Partnership Delivery and Servicing Action Plan: 2018



Delivery Consolidation



Freight Retiming



Monitoring and Data



Policy and Engagement

Click. Collect. Clean Air

DeliverBEST

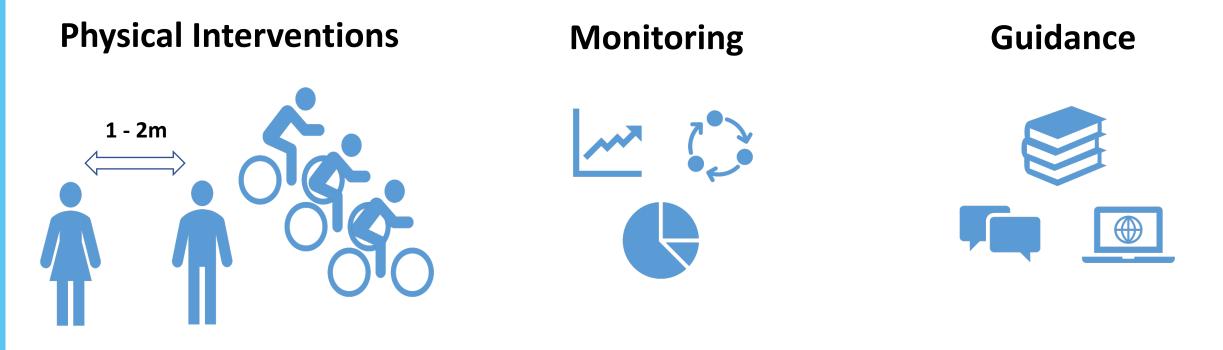
WEP Freight and Servicing Strategy

WEP Delivery Plan 2015 - 2030



CRP's Support for a Green Recovery

Cross River Partnership is working at pace to help support businesses, communities, Local Authorities and other private bodies e.g. BIDs with their Covid-19 response





The Benefits of Going Electric

Oliver Lord, Environmental Defense Fund Europe



Finding the ways that work



Environmental Defense Fund







Our work in London

100+ state-of-theart sensor pods





Specially-equipped Google Street View cars

www.breathelondon.org







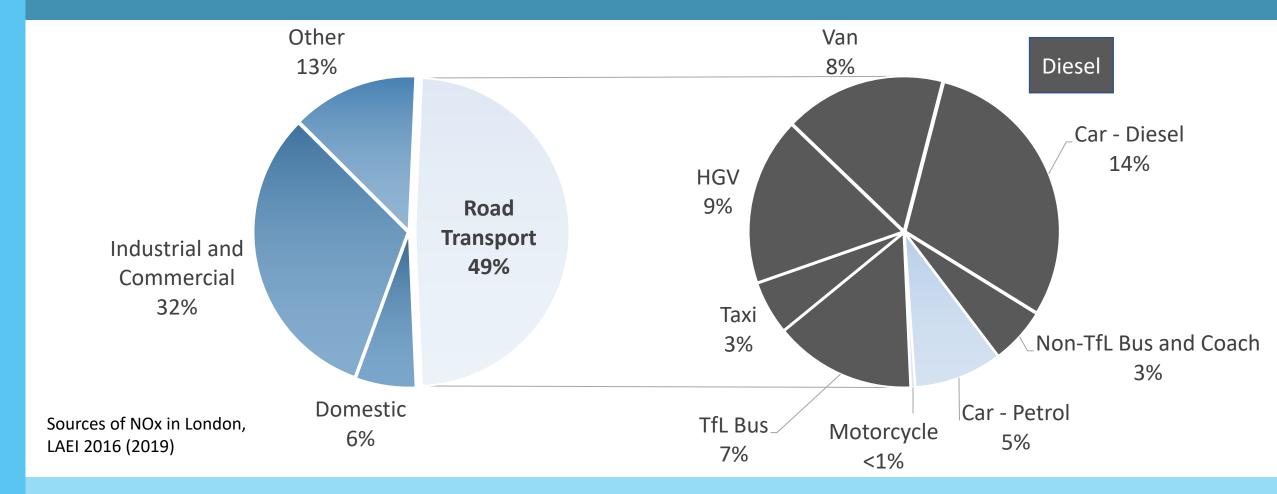
Air pollution in London

- Two pollutants of major concern PM_{2.5} and NO₂
 - PM_{2.5} harms the lungs, gets into the blood stream and impacts organs. Hardly anywhere in London meets World Health Organization standards.
 - NO₂ is a gas that particularly damages lungs and hearts. London has
 exceeded legal limits for NO₂ since 2010 and does not expect to comply
 until 2025, despite needing to do so <u>as soon as possible</u>.
- Particularly at risk are the elderly, children, pregnant women
- Studies are showing possible connections to severity of covid-19





What's causing the problem?

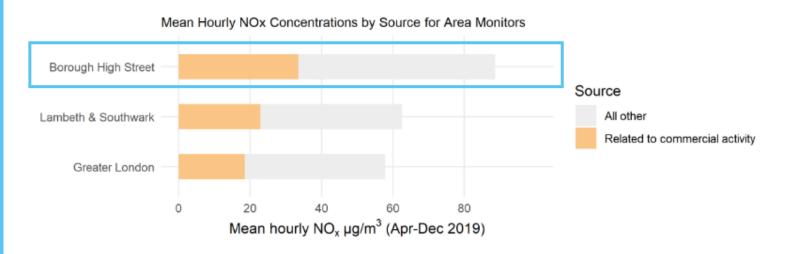






Cleaner businesses means cleaner air

Emission sources

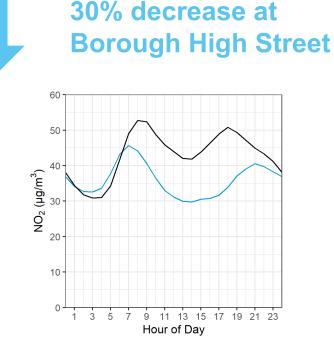


Commercial activity can include heating and powering buildings, as well as delivery vans and large goods vehicles driving to and through the area.



Delivering London's Future Together

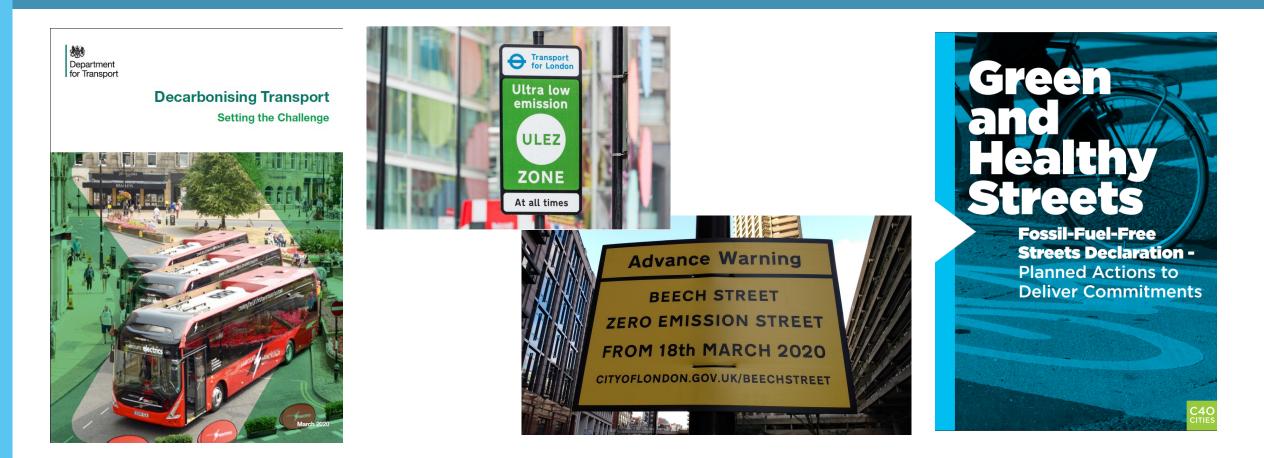
Changes in NO₂ during lockdown



Source: Breathe London



Preparing fleets for change

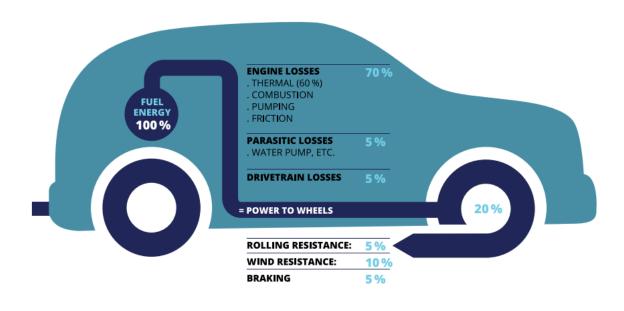






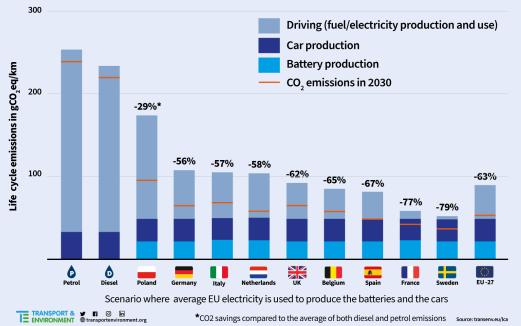
Climate benefits of electric vehicles

Conventional vehicles can get way more efficient....



Source: https://www.eea.europa.eu/publications/explaining-road-transport-emissions





Source: https://www.transportenvironment.org/what-we-do/electric-cars/how-clean-are-electric-cars



CROSS RIVER PARTNERSHIP

Economic benefits of electric vehicles



- Lower fuel costs and cheaper to maintain
- Government grants of up to £8,000
- Benefit in Kind 0% rate
- 100% First Year Write Down Allowance
- Exempt from VED
- A cost saving to London's NHS and social care system of around £5bn



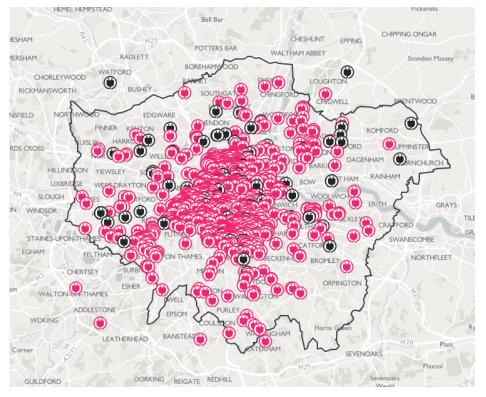


Charging electric vehicles in London

Lots of charging points are live and plans are underway to expand the public network in the coming years

Support for businesses

- Public points to support those without off street parking and high-use fleets
- Sharing charging points at depots for fleets with regular usage patterns



Source: https://maps.london.gov.uk/ev-chargepoints/



EDF ENVIRONMENTAL DEFENSE FUND



Oliver Lord Head of Policy and Campaigns EDF Europe olord@edf.org



EDF ENVIRONMENTAL DEFENSE FUND

Questions?



Finding the ways that work

Sustainability in Action

Michael Smith, Brixton BID





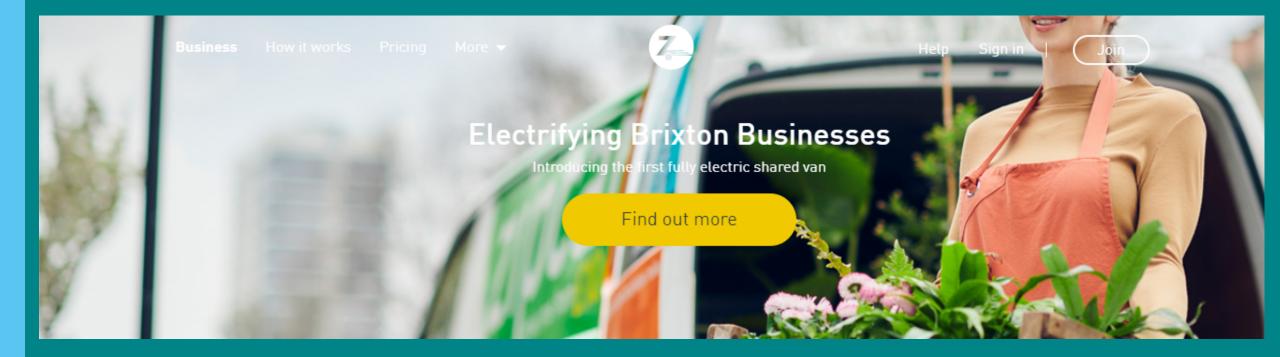
THE MAKING OF EVIE: A BRIXTON STORY

THURSDAY 30th JULY 2020



BRIXTON BID

Electrifying Brixton Businesses







Business Engagement



Be the first to use Brixton's new fully electric shared van for businesses

Brixton has notoriously high air pollution from road traffic, congestion and old diesel vehicles.

Cross River Partnership, Lambeth Council, Brixton BID and Zipcar have come together to bring a fully electric shared van to the streets of Brixton, exclusively for businesses to use.





Business Partnerships







Project Steps







Project Steps



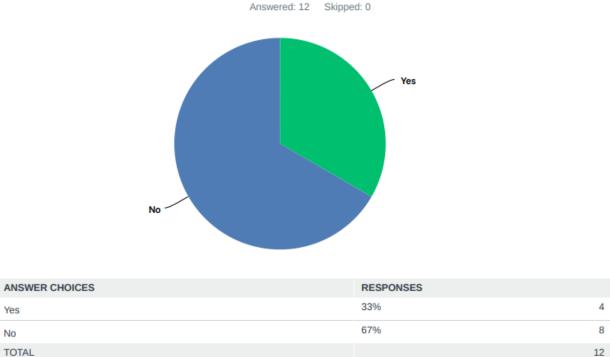
- Seminar on Electric Avenue in July 2018
- 200 businesses interviewed
- Attended public events AGM, Board Meetings
- Identifying and engaging BID Levy stakeholders
- Case study for Brixton businesses already familiar with Zipcar
- Creating a Zipcar presence in the area
- Establishing a baseline agreement



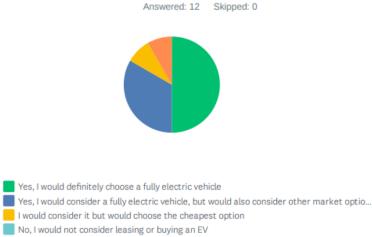


Baseline

Q1 Have you driven an EV before?



Q4 If you needed a new vehicle for your business, would you consider leasing or buying an EV?



Not applicable (I'm not looking to lease or buy)





Zipcar Launch





BRIXTON BID

Measuring Success







Measuring Success



- Brixton BID took full-time management from 1st May
- 12-month long project from December 2019
- 42 businesses expressed interest
- 9 businesses have so far used the EV
- 3,402.5 miles have been driven to-date
- 13 miles average mileage per use





Looking Ahead

- Extension of the project
- Replacement of individual vans with EVs
- Building on the concept of shared usage
- Increased EV charging points across Brixton and Lambeth

SHARED ELECTRIC VEHICLES AND CARGO BIKES ARE VITAL IN HELPING LOCAL SMALL BUSINESSES TRANSITION TO LOW-CARBON WAYS OF WORKING.

Councillor Claire Holland London Borough of Lambeth

"







Contact Us



020 3417 7373 <u>admin@brixtonbid.co.uk</u> International House Canterbury Cresent Brixton SW9 7QD @BrixtonBID





Questions?



Clean Air Villages: Initiatives for the Future Kate Fenton, Project Manager







Agenda

Clean Air Villages 3

• Partners & Aims

Clean Air Villages 2

- Case Studies
- Engagement and Solutions

Electric Vehicles

• Case study: Installation of Charging Infrastructure

Solutions for Clean Air Villages 3

• NCGM trial, ambassadors, pledges

CRP Clean Air Villages Directory

Electric Vehicle Trials

Next steps









Clean Air Villages 3

Cross River Partnership (CRP) secured £573,370 in funding from <u>DEFRA's Air</u> <u>Quality Grant Scheme</u> 2020/21, with an additional £160,000 in match to deliver <u>Air Quality improvement activities</u>.

16 villages within the 12 boroughs have been identified by the <u>GLA</u> as areas of high pollution and high footfall. All boroughs from the <u>second year</u> of the Clean Air Villages project continue to be involved.

CRP is **working with businesses, communities and hospitals** in these villages to offer 1-2-1 support to help reduce emissions from business-related deliveries and services, and from individual-led action, focussing on the dual benefits of improving air quality whilst also saving businesses time and money through more efficient operations. There will also be a tailored solution for each village.







Strand Focus, Project Activity and Impacts

Sector-focus	Audience	Project activity		Outcomes	Impacts
Business	Business owners and managers Fleet/operations managers BID members Business communities	Engagement with target audience to support them in reducing emissions Identify needs and demands for local co-ordinated solutions EV trials and electric mobility profiling in partnership with the private sector	Investigate viability of re- timing and consolidation Preferred supplier lists	Reduction in local CO2, NO2 and PM concentrations Reduced vehicle ownership Fewer vehicle journeys Fewer journeys made during peak hours	Improved air
Communities	Anyone who lives or works in the 'village' area	Exploring shared low emission vehicle schemes Expansion of the CAV1/2 Ultra-Low Emission Supplier Directory to all focus areas Updating and developing new and existing toolkits Develop local communications Develop case studies to share best	Education and promotion of sustainable and/or active travel options Promoting Click & Collect services and clean air walking routes	Increased mode share of cargo bikes/low emission vehicles Increased mode share of active travel Increased awareness of advantages and availability of EV Initial economic costs/long-	quality Reduced congestion Reduced exposure Increased physical activity Improved
Hospitals	Procurement team Management and Board Facilities staff Departmental managers Clinical Commissioning Groups (CCGs)	practice Air quality monitoring in partnership with academic institutions Measure and report avoided emissions Project governance, reporting and evaluation	Explore use of cargo bikes for transfers of supplies Expanding/replicating existing consolidation programmes e.g. Dartford hub	term savings associated with switching to EV Cost/savings associated with cargo-bike and consolidation services Case studies produced	human health





Engagement & Solutions







CAV2 Case Studies

CRP produced 14 case studies as part of Clean Air Villages 2 (<u>https://bit.ly/2XwedJT</u>)

- 9 business case studies
- ➤ 5 best-practice case studies
- Worked to produce these with over
 30 organisations



CROSS RIVER

CLEAN AIR VILLAGES

CLEAN AIR VILLAGES





CAV2 Case Studies

- All case studies are available on the CAV2 page, as well as the CRP website: https://bit.ly/2XwedJT
- CRP hope that these are valuable and help to inspire/signpost businesses, local authorities, BIDs, landowners and other groups to take steps towards reducing congestion and pollution on our roads

CLEAN AIR VILLAGES

CARGO BIKE SERVICE

PROJECT STEPS

CLEAN AIR VILLAGES PROGRAMME

This case study was commissioned by Cross River Partnership (CRP), a non-profit and impartial partnership organisation delivering projects that positively contribute to the social, environmental and economic

This case study was developed as part of the Clean Air Villages 2 project, funded by Defra's Air Quality Grant. The project aims to reduce emissions in 13 hotspot 'villages' of poor air quality across the London Boroughs of Lewisham, Camden, Hammersmith & Fulham, Lambeth, Wandsworth, The Royal Borough of Kensington and Chelsea, and the City of Westminster. Within these villages, CRP is working with businesses and communities to make deliveries and servicing more efficient, using both individual and collective action.

In 2020-21, the project is expanding into new areas as part of Clean Air Villages 3.

For more information about the project, and to access further resources and case studies. please visit: crossriverpartnership.org/projects/clean-air-villages-2/



LEAN AIR VILLAGES



CHOOSING THE RIGHT VEHICLE

Contact vehicle suppliers early to obtain costs, specifications

and lead times. The type of van required will be affected by lead

Lambeth

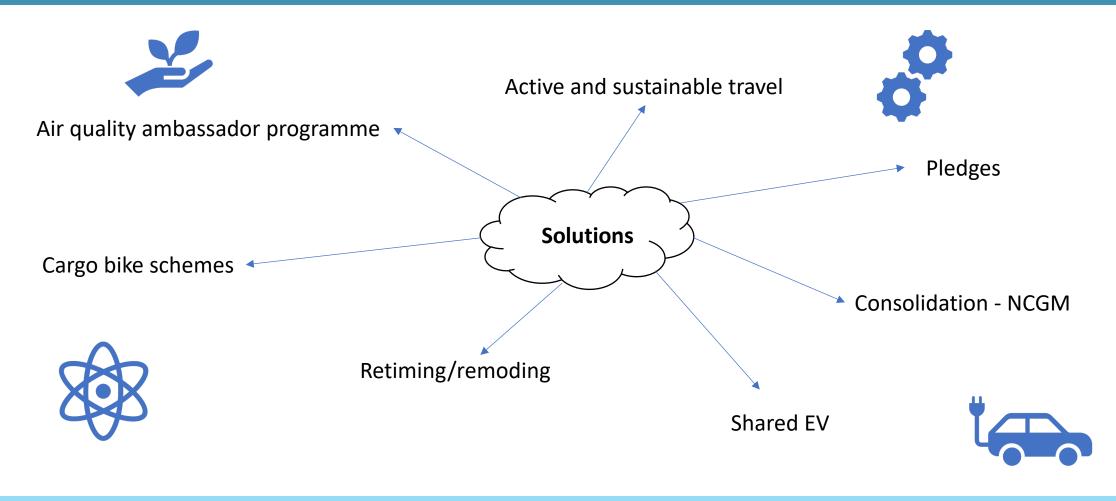
CLEAN AIR VILLAGES

PROJECT STEPS

ELECTRIC VAN SCHEME

Department for Environment Food & Rural Affairs

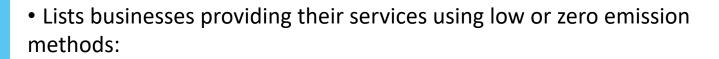
CAV3 solutions







CRP Clean Air Villages Directory





• Suppliers must guarantee they will use these methods **at least 80%** of the time when operating within the Clean Air Village concerned

• Distance from the user's postcode is shown to promote local services

• Dedicated 'village' pages

• Available online at: www.crossriverpartnership.org/directory



"We're committed to doing everything we can to improve the air quality in London, so we're delighted to be part of the Cross River Partnership Directory"

Kate Walker-Collins, Fed by Able and Cole (listed on the CRP Clean Air Villages Directory).

for Environment

Food & Rural Affairs

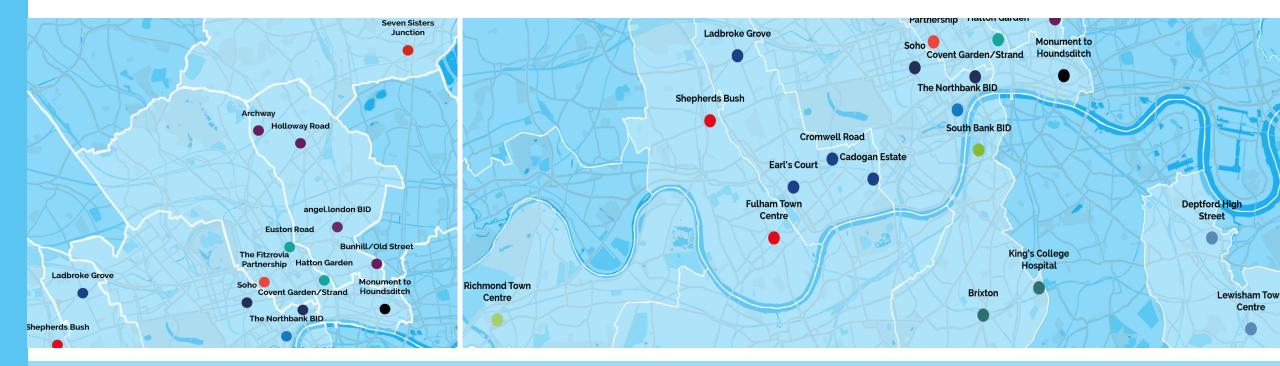
CRP Clean Air Villages Directory





CRP Clean Air Villages Directory

New directories launched 10th July 2020



CRÓSS RIVER

CLEAN AIR VILLAGES



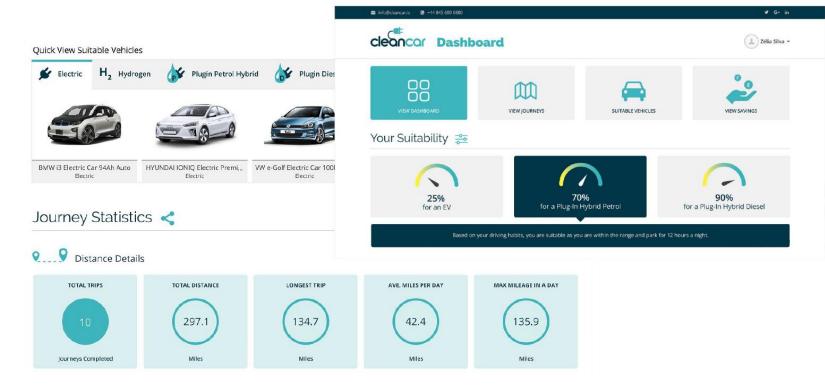
EV Trials

Identifying businesses interested in an EV trial

Clean Car telematics dongles

Electric vehicle suppliers to work with:

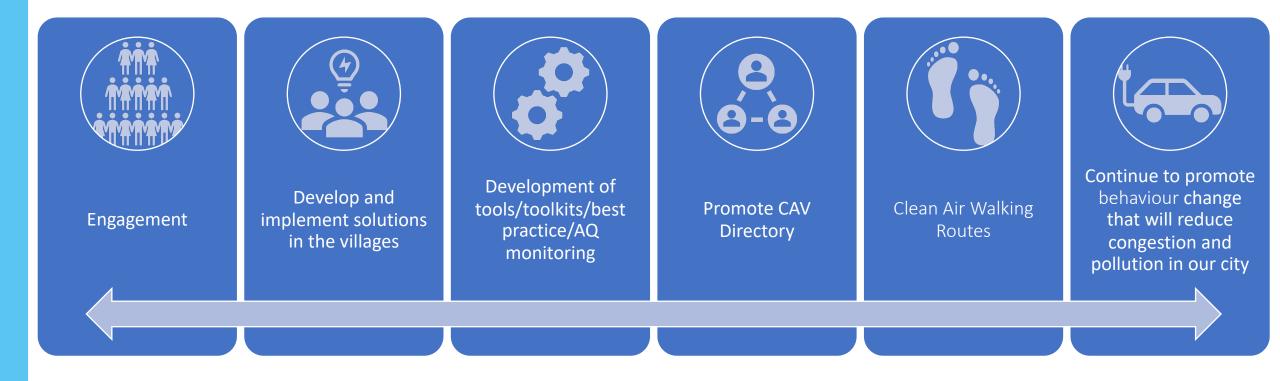
- Daimler (Mercedes)
- Renault
- -Leaseplan
- -Zipcar
- -Voltia (Nissan)
- -EV car shop







Next steps







Questions?



Delivering London's Future Together

Final

observations





Finding the ways that work



Delivering London's Future Together



Pedestrian Priority Streets: The Benefits for Schools, Businesses and your Health



Join us for our next Live Share session!

Thursday 13th August at 2pm



Delivering London's Future Together

Thank You!



Oliver Lord Head of Policy and Campaigns Environmental Defense Fund Europe <u>olord@edf.org</u>



Michael Smith Managing Director Brixton BID <u>michael.smith@brixtonbid.co.uk</u>



Susannah Wilks Director Cross River Partnership <u>susannahwilks@crossriverpartnership.org</u>







Tomos Joyce Guidance Manager Cross River Partnership tomosjoyce@crossriverpartnership.org



www.crossriverpartnership.org



Search 'Cross River Partnership' in YouTube



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www.crossriverpartnership.org/newsletter