



The ULEZ Expansion: Your options for a cleaner, cheaper, greener London

Thursday 24th June
1:15pm – 2pm

MAYOR OF LONDON



Today's Speakers



Taryn Ferguson
Senior Policy and
Programmes Officer
Greater London Authority

Speaker



Stephen Inch
Principal Policy and
Programmes Officer
Greater London Authority

Speaker



Susannah Wilks
Director
Cross River Partnership

Chair



Kate Fenton
Project Manager
Cross River Partnership

Speaker



Stav Friedman
Project Officer
Cross River Partnership

Chat Moderator



Joshua West
Communications and Business
Development Manager
Cross River Partnership

Technical Lead

Today's Agenda

1. Introduction and Context to CRP
2. Expanding London's ULEZ
3. CRP's Clean Air Tool



What do you, the audience, want to ask our speakers about in relation to Clean Air?

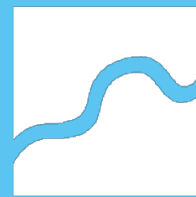
Please pose your questions and thoughts in the chat box to the right.



Introduction and Context

Susannah Wilks

Director, CRP



**CROSS RIVER
PARTNERSHIP**

Delivering London's Future Together



PEOPLE



PLACES



Annual Report
2020-2021

Business Plan
2021-2022

PROJECTS

02 Our vision

Our core values



We are experts in delivering positive change. Our projects have collaborated across public, private, voluntary and community sectors for over 25 years.



We are London's largest partnership delivery organisation. Our partners range from Local Authorities and Business Improvement Districts, to Landowners and Strategic Agencies.



We are all about empowering People, to deliver innovative Projects, that create great Places. Our work transects themes such as Place Making; Health and Wellbeing; Addressing Inequalities; Sustainability; Air Quality; Freight, Transport and Active Travel; Energy; Environment; Culture; and Lighting.



We are forward thinkers, embracing collaboration for a sustainable future fit for all. We work with our partners to shape London's fabric and operation, supporting residents, businesses and visitors to all thrive in the city.

03 Partners

Cross River Partnership is proud to be working collaboratively with all of these public, private and community partners across central London and beyond.

- 1 Angel London
- 2 Better Bankside
- 3 Brixton BID
- 4 Cadogan
- 5 Camden Town Unlimited
- 6 Cheapside Business Alliance
- 7 Euston Town BID
- 8 Hammersmith BID
- 9 Hatton Garden BID
- 10 Marble Arch BID
- 11 Midtown BID
- 12 Paddington Now

- 13 South Bank BID
- 14 Team London Bridge
- 15 The Fitzrovia Partnership
- 16 The Northbank BID
- 17 Vauxhall One
- 18 Victoria BID

 **CRP Board Boroughs**

 **Boroughs CRP works with**

 **CRP Lead Accountable Body:**
Westminster City Council

CRP Strategic Partners:

- Greater London Authority
- Groundwork London
- London and Partners
- Network Rail
- Port of London Authority
- Transport for London





Clean Air Villages 4



Clean Air Villages 3



Healthy Streets Everyday



Clean Air Thames



Central London Sub-Regional Transport Partnership



Town Centre Futures



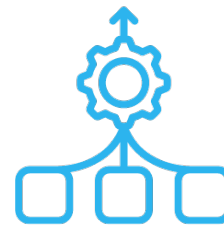
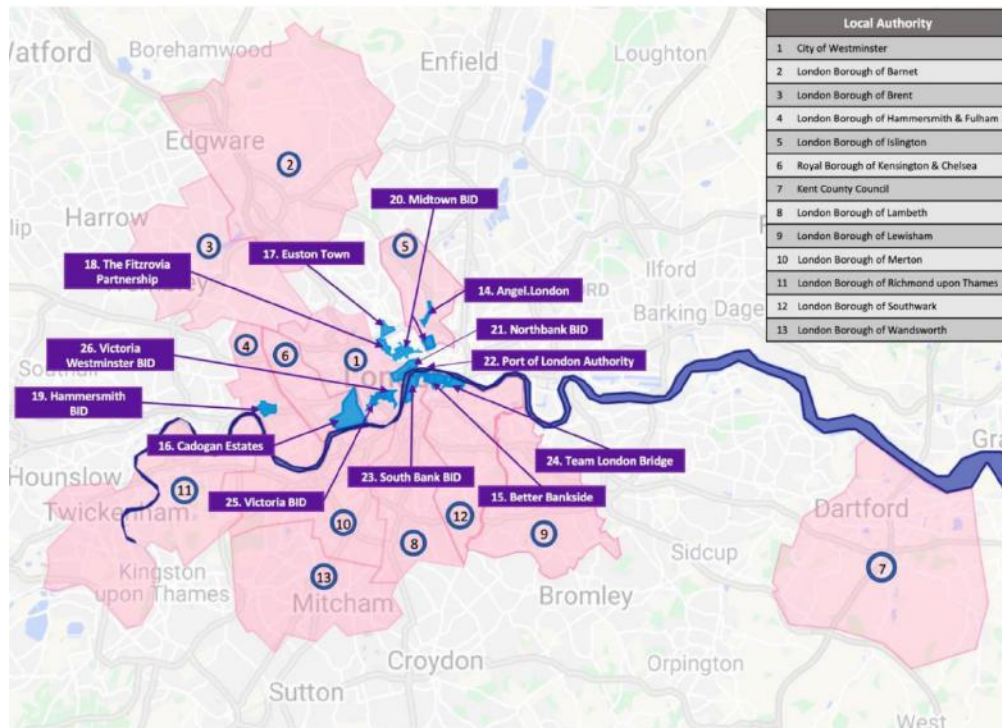
EV Fleet-Centred Local Energy System (EFLES)



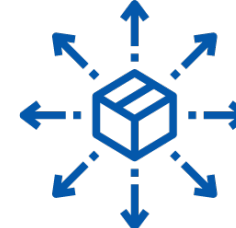
Lighting London Sustainably

Clean Air Villages 4

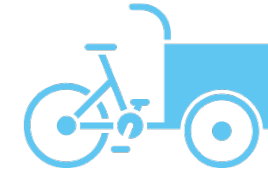
Clean Air Villages 4 (CAV4) is a Defra-funded project led by Westminster City Council in collaboration with 26 project partners to improve the air quality across different London 'villages', where both air pollution and population density levels are high.



Consolidation



Distribution



Mode



Technology



Policy

Expanding London's ULEZ

Taryn Ferguson

Greater London Authority

MAYOR OF LONDON

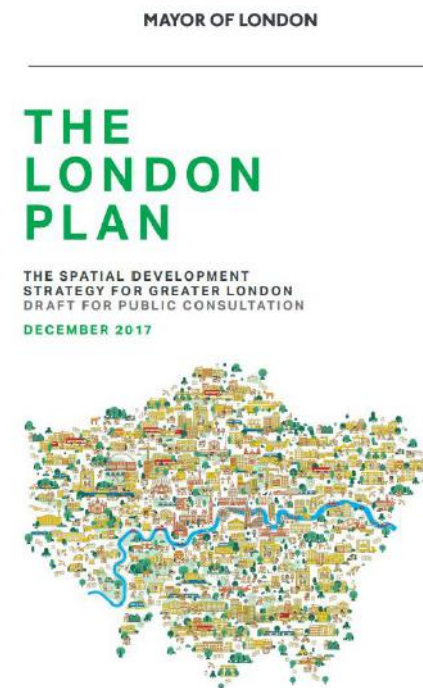
MAYOR OF LONDON

Expanding London's ULEZ

Taryn Ferguson - Greater London Authority

24 June 2021

Tackling London's toxic air is a Mayoral priority and we have integrated policies to do this



“London will have the best air quality of any major world city by 2050, going beyond the legal requirements to protect human health and minimise inequalities.”

Despite recent improvements, air pollution remains a public health challenge in London

- **Thousands of Londoners die prematurely each year** because of toxic air pollution. In 2019 air pollution contributed to 4,000 deaths in London
- London's toxic air is **stunting the growth of children's lungs** in ways that will affect them for the rest of their lives
- **Toxic air pollution is a cause of cancer** and it increases the risk of asthma, stroke and dementia
- Air pollution '**exposure gap**' leads to health inequalities

Air pollution a cause in girl's death, coroner rules in landmark case

Coroner says failure to reduce pollution levels to legal limits was factor in death of Ella Kissi-Debrah, who had severe asthma



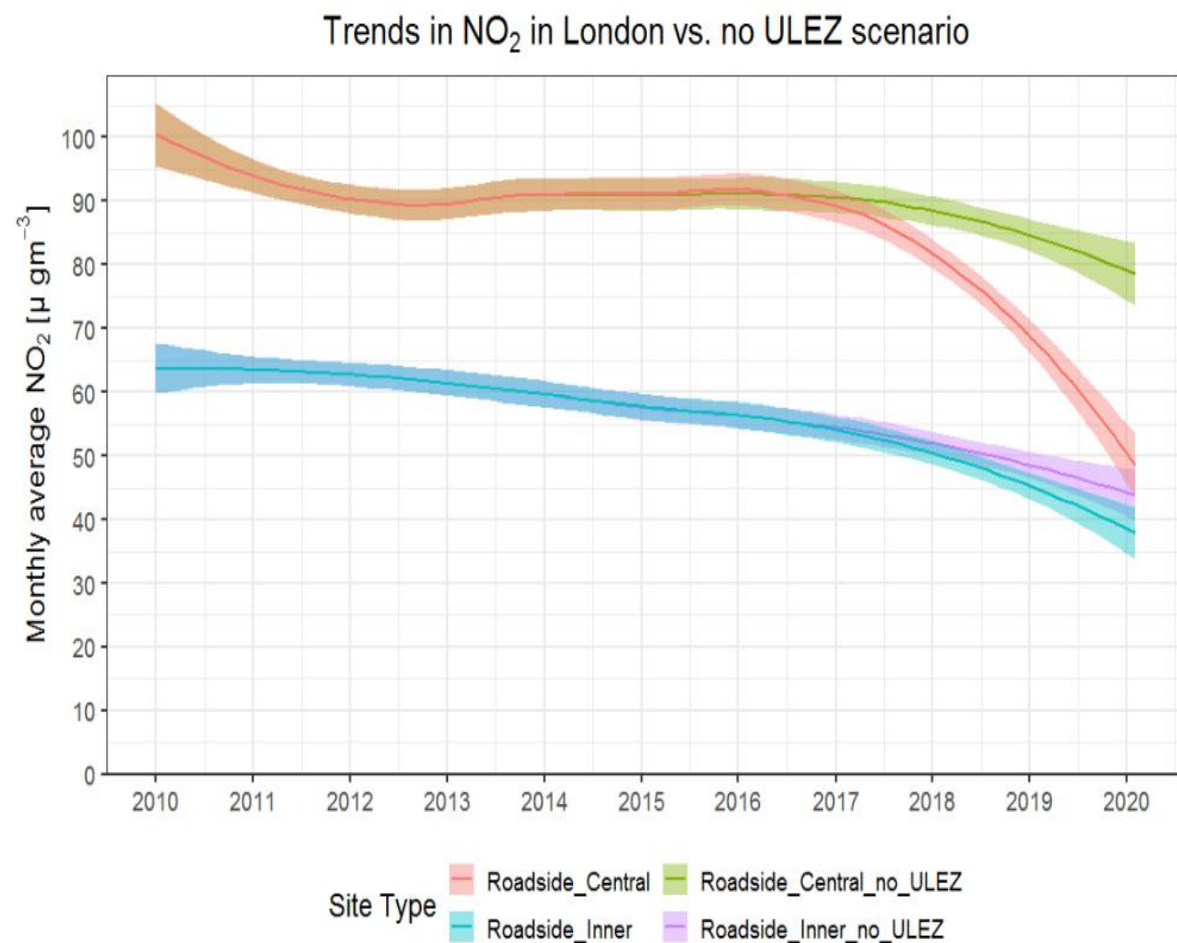
LEADING ARTICLE

The Times view on the Kissi-Debrah inquest: Ella's Law

The first coroner's ruling to attribute a child's death to poor air quality should galvanise ministers to fulfil their promises to introduce new legislation

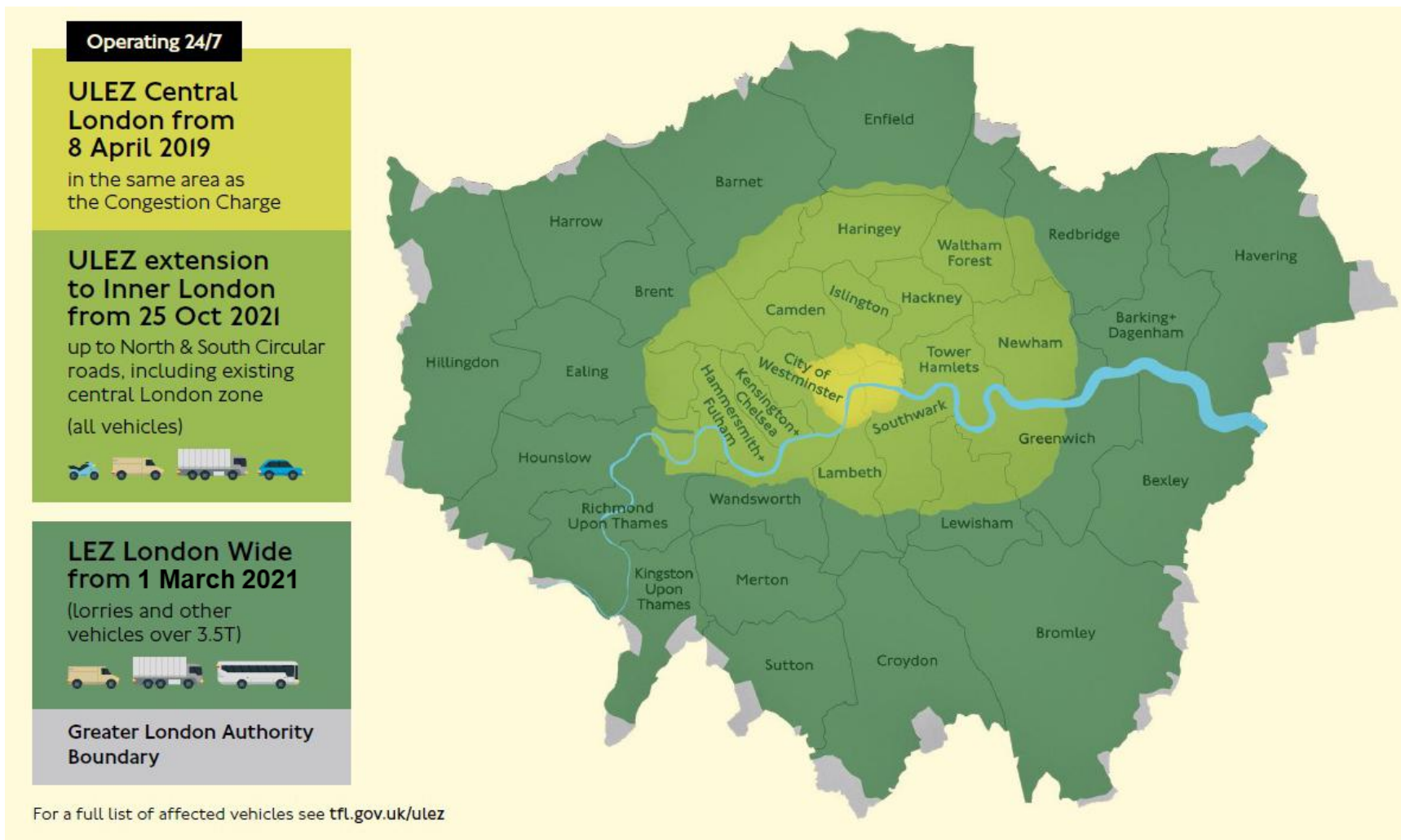
Thursday December 17 2020, 12:01am, The Times

The central ULEZ has helped significantly and sustainably improve air quality within and around the zone



- Targets air pollutants that are **most harmful to human health**
- **44% reduction** in roadside NO₂
- **87% compliance** with emissions standards (vs. 39% in Feb 2017)
- **44,100 fewer** polluting vehicles daily
- **Pollution reductions** on boundary roads
- Estimated reduction of **12,300 tonnes of CO₂**

But pollution is not just a central London problem and measures are needed to protect the health of all Londoners



The expanded ULEZ will operate in the same way as the existing central ULEZ

When: 24 hours/day (midnight to midnight charging day), 7 days/week (excl. Christmas Day)

Where: up to, but not including, the North and South Circular Roads

What vehicles: the most polluting vehicles; based on *Euro standards*, a range of emissions controls that set limits for vehicle exhaust emissions

Standards: Euro 4 for petrol cars and vans / Euro 6 for diesel cars and vans

Charge: £12.50/day for cars/motorcycles/vans

How: network of cameras that recognise number plates and check against database of registered vehicles

Exemptions: London-licensed taxis; limited private vehicle exemptions & grace periods



The GLA and TfL are undertaking an extensive comms and engagement campaign to raise awareness



- Door drop leaflets to residents near the boundary
- TfL customer emails
- Multi-channel marketing campaign
- Stakeholder engagement (e.g. unions, trade bodies)
- Publication of research
- Case studies

The ULEZ expansion is supported by a number of complementary measures



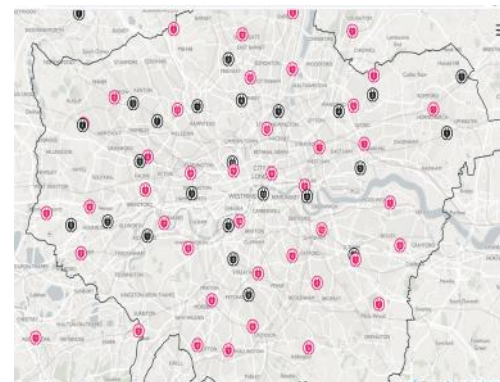
Investment in walking, cycling and public transport



£56m for scrappage schemes to support Londoners



Mayor's Air Quality Fund to support borough-led projects



Expanding electric vehicle infrastructure

Resources for businesses

- TfL vehicle checker and ULEZ information booklet: <https://tfl.gov.uk/modes/driving/ultra-low-emission-zone/ulez-expansion>
 - Mayor of London Cleaner Vehicle Checker: <https://www.london.gov.uk/what-we-do/environment/pollution-and-air-quality/cleaning-londons-vehicles/cleaner-vehicle-checker>
 - Breathe London sensors and air quality map: <https://www.breathelondon.org/>
 - Mayor's Air Quality Fund projects: <https://www.london.gov.uk/what-we-do/environment/pollution-and-air-quality/mayors-air-quality-fund#acc-i-54331>
 - Zero Emissions Network Workplace Travel Grants (limited to Islington/Hackney/Tower Hamlets):
<https://zeroemissionsnetwork.com/offers/workplace-travel-grants>
 - London Business Hub: <https://www.businesshub.london/>
 - CRP Clean Air Villages: <https://crossriverpartnership.org/directory/>
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@ldn_environment

www.london.gov.uk/environment-newsletter

LONDONASSEMBLY

Q&A Session

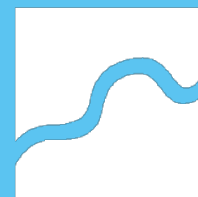
Further thoughts on the ULEZ



CRP's Clean Air Tool

Kate Fenton

Project Manager, CRP



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Pollutants

10,000 g NO_x

Among the air pollutants gasoline and diesel engines emit are oxides of nitrogen. Nitrogen oxides (NO_x) damages your respiratory system over time. It is also a component of acid rain which is harmful to vegetation and, as a consequence, animals.

Pollutants

5,000 kg CO₂

When a petrol or diesel engine burns fuel it produces. High levels of Carbon Dioxide in the atmosphere collect and store so much heat, that weather patterns change, temperatures rise, and other climate changes occur.

Pollutants

500 g PM2.5

Particulate matter comes from vehicle exhaust, brake wear and tyre wear. PM are tiny particles that can damage your lungs and get into the bloodstream, reaching your heart and brain and increasing your risk of heart attack and, possibly, stroke and dementia.

Visualised Pollutants

Over 1 year, I have reduced my **NO_x** emissions by **10,000g**.

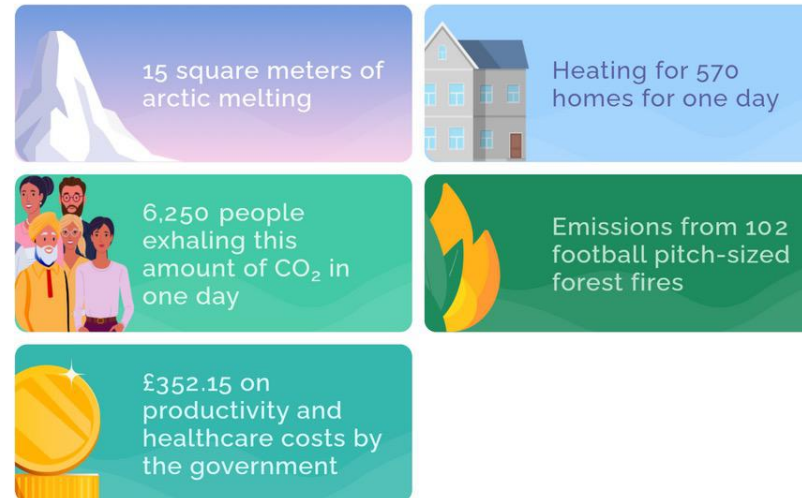
Over 1 year, I have reduced my **CO₂** emissions by **5,000kg**.

Over 1 year, I have reduced my **PM_{2.5}** emissions by **500g**.

This is equivalent to:

This is equivalent to:

This is equivalent to:




Visit crossriverpartnership.org and use the Clean Air Tool to see what you could save.


Visit crossriverpartnership.org and use the Clean Air Tool to see what you could save.

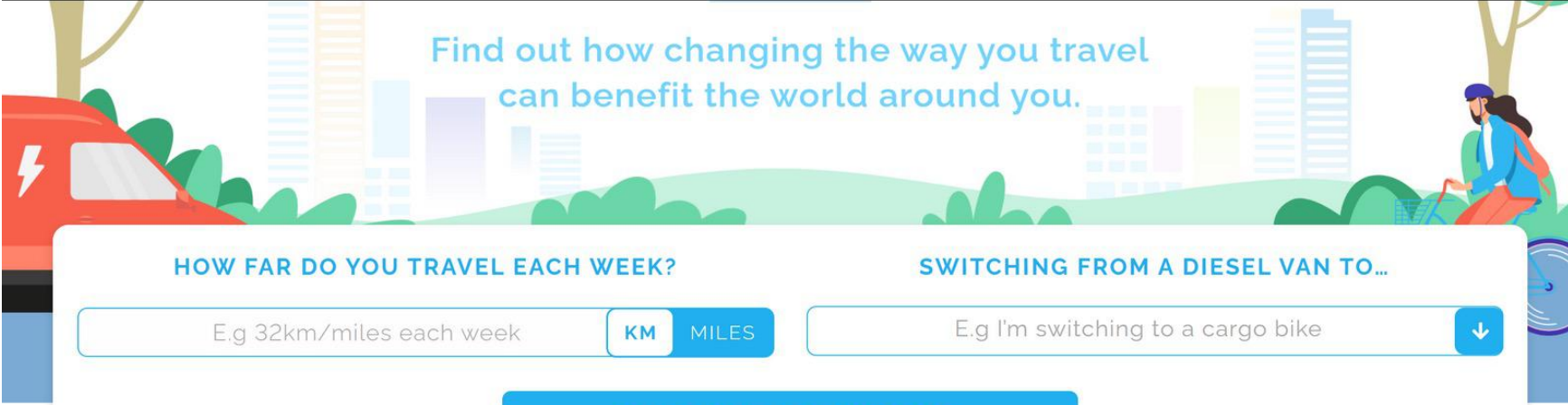
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Clean Air Tool (CAT)



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Find out how changing the way you travel
can benefit the world around you.

HOW FAR DO YOU TRAVEL EACH WEEK?

E.g 32km/miles each week

KM MILES

SWITCHING FROM A DIESEL VAN TO...

E.g I'm switching to a cargo bike

↓

CALCULATE EMISSIONS

ALREADY KNOW YOUR EMISSION SAVINGS?

Over 1 year, you would save an estimated **XXkg** of CO₂, and **XXg** of NO_x

Clean Air Tool

HOW FAR DO YOU TRAVEL EACH WEEK?

E.g 32km/miles each week

KM

MILES

SWITCHING FROM A DIESEL VAN TO...

E.g I'm switching to a cargo bike



CALCULATE EMISSIONS

Clean Air Tool

ENTER POLLUTANT AMOUNT

E.g 100 g/kg

SELECT POLLUTANT TYPE

E.g CO₂



CALCULATE EMISSIONS

Visualised Pollutants

Over 1 year, I have reduced my **NOx** emissions by **10,000g**.

This is equivalent to:



A Business Case



A Business Case

Process of using a Telematics Dongle



Business testimonial

I was initially sceptical about the programme and what we were doing, but the facts and figures we've produced have turned my mind and attention... to the fact that there is an advantage both commercially, economically and environmentally to switch to electric vehicles. Since receiving the data we have now ordered an EV which will be coming in the next few months.

Gavin Pettitt, Supply Chain Manager
King's College Hospital

The CAT and King's College Hospital

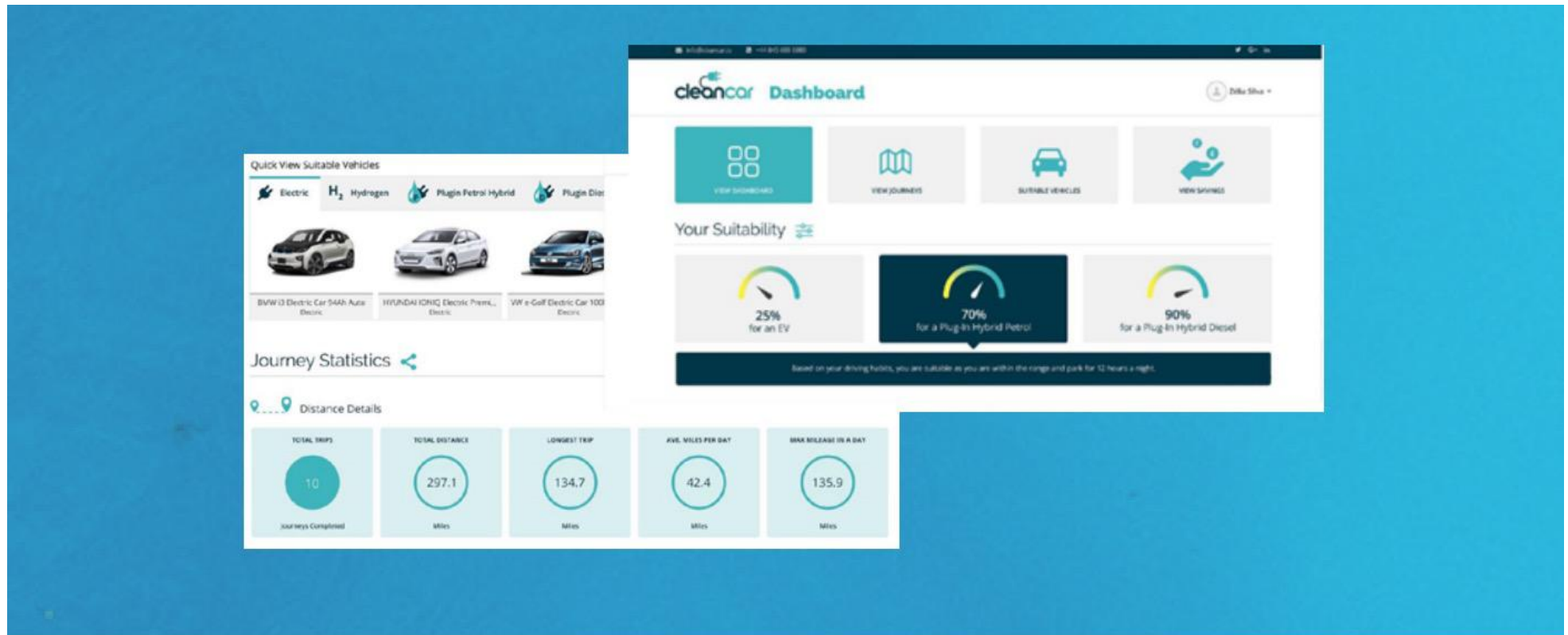
Over 1 year, I would save an estimated **9,640.2kg** of CO₂, **32,739g** of NO_x, and **393.6g** of PM_{2.5} by switching from my diesel van(s) to an electric van.

This is equivalent to:



Visit crossriverpartnership.org and use the Clean Air Tool to see what you could save.

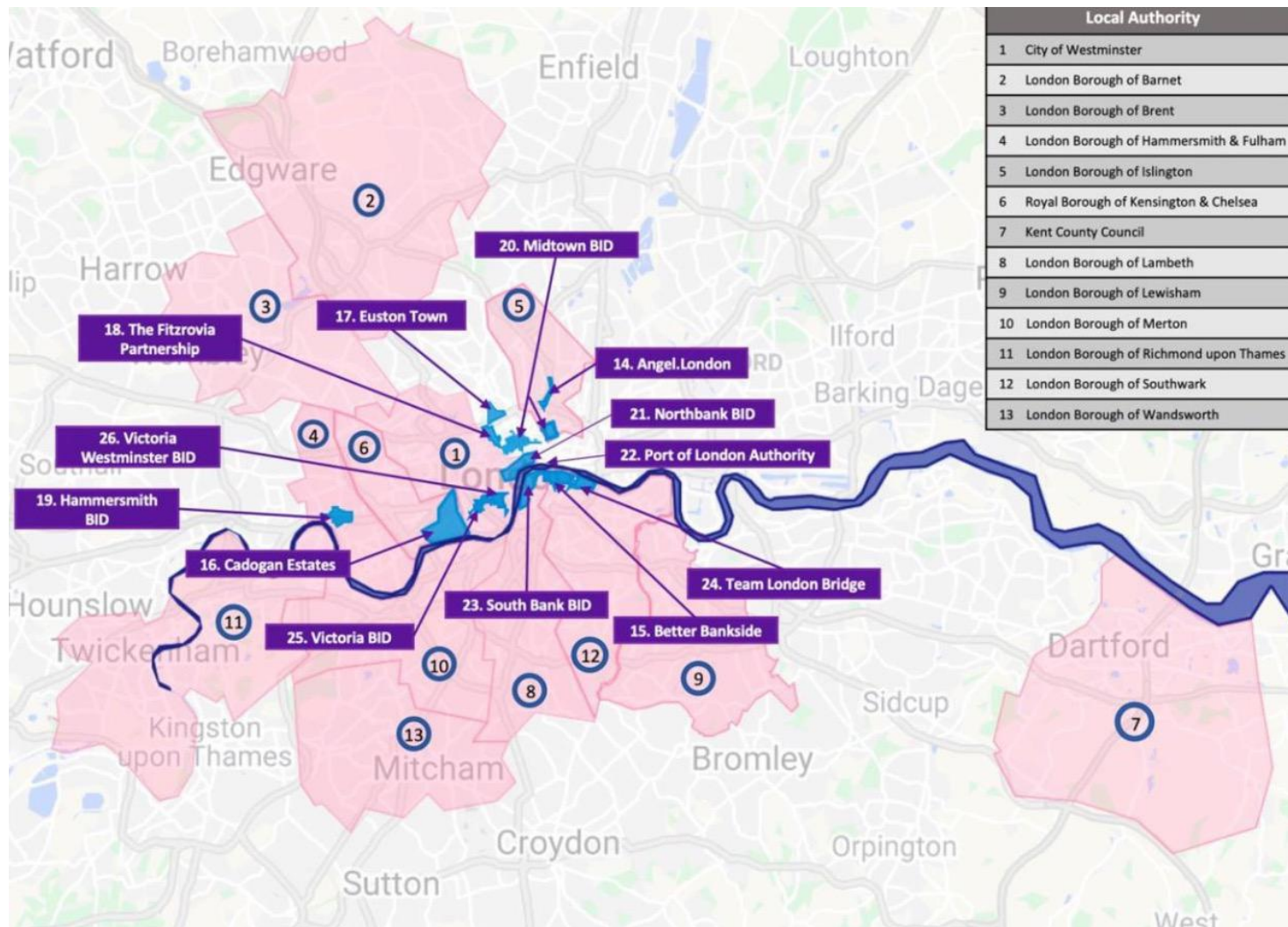
Evidence Based Recommendations



Link to the Clean Air Tool

<https://crossriverpartnership.org/clean-air-tool/>

Clean Air Villages 4



Clean Air Villages 4 (CAV4) is a [Defra](#) funded AQ project led by [Westminster City Council](#) in collaboration with 26 project partners to improve the air quality across different London 'villages', where both air pollution and population density levels are high.

£700,000 was granted to CRP (the largest portion), with additional match funding from **26** project partners of **£520,000**.

26 Partners: 13 Local Authorities, 11 Business Improvement Districts, Cadogan Estates and the Port of London Authority.

Project length: **1st April 2021 to 30th June 2022**.

CAV4 will build on the successes of the award winning [CAV1](#) programme, as well as [CAV2](#) and [CAV3](#), which all focused on interventions to support businesses, communities and hospitals. CAV4 aims to deliver ambitious **Freight Solutions for a Clean Air business recovery from COVID-19**.

CAV4 Partners



CAV4 Interventions

Consolidation

C.1 Zero Emission vehicles and increased use of Dartford hub

C.2 River Freight

Distribution

D.1 Expand Urban logistics map

D.2 Micro Hub Pilot

D.3 Sustainable Freight Hub

D.4 Circular Economy

D.5 AQ & Noise monitoring & Digital Loading Bays

Mode

M.1 Shared EV

M.2 Cargo bikes in new sectors

M.3 River Freight

M.4 Rail/ Tube freight

M.5 Walking Freight

Technology

T.1. MeasureBest update

T.2 Behaviour change monitoring tool

T.3 Expand CAV Directory

T.4. Web platform

T.5. Click.Collect.CleanAir

Policy

P.1 Comms on ULEZ expansion 2021

P.2 Launch Instagram

P.3 Lunchtime Launches

P.4 Case studies

P.5 Toolkits

Q&A Session

Further thoughts on Clean Air



Sign up to our next event!



CRP Lunchtime Launch 7

Railway Infrastructure: Dawn of a New Era?

Thursday 29th July 2021
1:15pm – 2pm



Thank You



Taryn Ferguson
Senior Policy and Programme Officer
Greater London Authority



Stephen Inch
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Cross River Partnership



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