



Lowering Emissions
from Commercial Vehicles

ANNUAL CONFERENCE

5 SEP
2018
Kempton Park
Racecourse

Delivered by:



Session 1

Planning For A Low-Carbon Future

Supported By:





Christina Calderato

Transport for London (TfL)



Lowering Emissions
from Commercial Vehicles

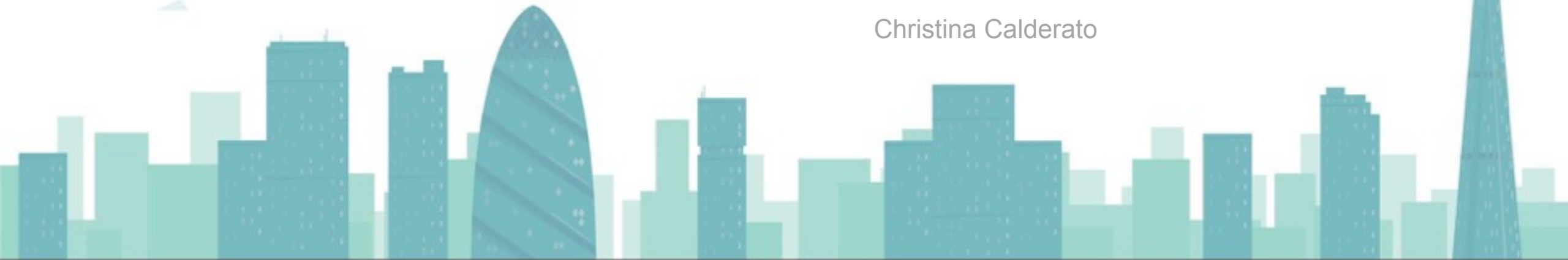


Lowering Emissions
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LoCITY, ULEZ & Freight Action Plan

September 2018

Christina Calderato



LoCITY – Quick Recap

Workstream 1

- Helping increase the availability and affordability of viable low emission commercial

Workstream 2

- Establishing alternative fuel and supply chain infrastructure to support the uptake of cleaner

Workstream 3

- Improving understanding through jargon-free communications, highlighting the bold steps



LoCITY – Quick Recap

Industry Need

Available supply of alternative fuels

Clear information on fuel technology

Market demand for cleaner vehicles

Supporting vehicle technologies arriving to market

Understanding where charging is needed for businesses

Improving confidence in new technology with technical advice

Creating simple and free to use tools based on innovative research

LoCITY Core Activities

LoCITY – what's changed?

- Third annual conference
- New Mayor's Transport Strategy & Environmental Strategy published – strong commitment to cleaner air and zero carbon road transport
- Freight and Servicing Action Plan
- LoCITY moved to TfL City Planning
- Fleet Operator Recognition Scheme
- Fleet Advice Programme

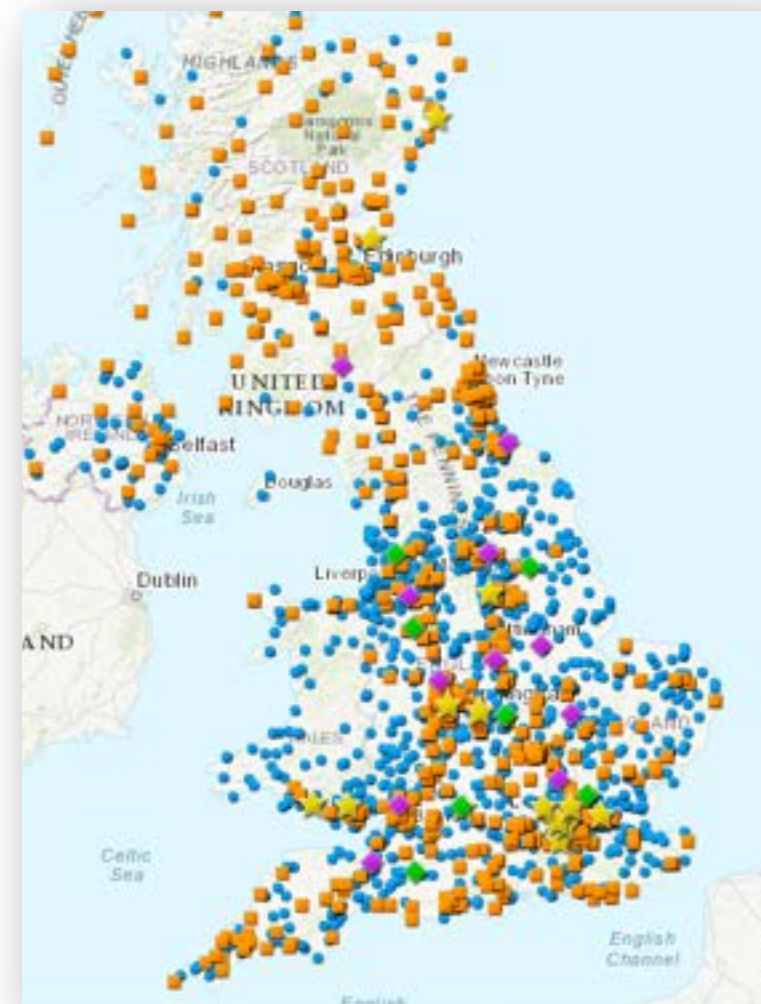
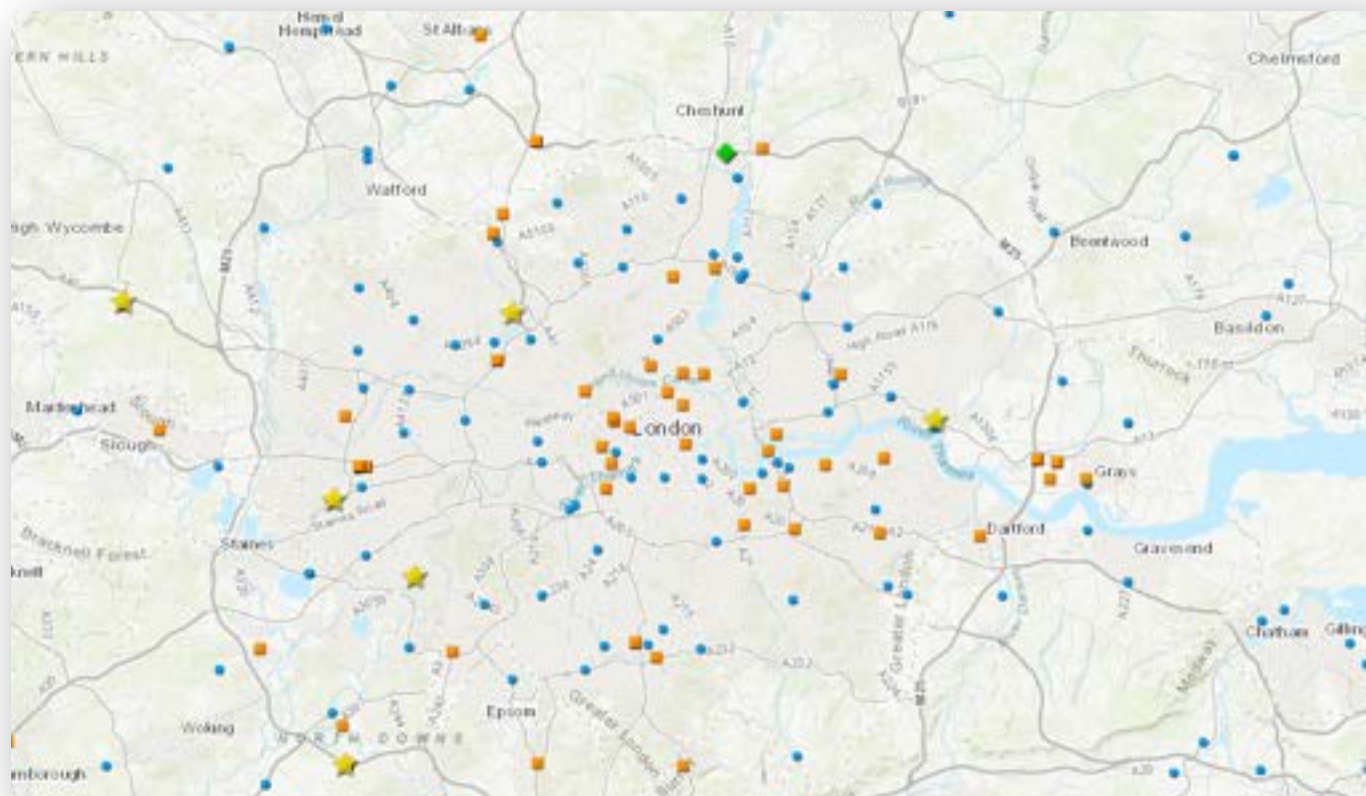


LoCITY – our halfway mark

- LoCITY runs until mid-2020
- Membership has grown – three active industry groups
- Fuel & fleet roadshows
- Tools, Learning & Research
 - LoCITY classroom / e-learning
 - Infrastructure map
 - Commercial Vehicle Finder
 - Fleet Advice Tool
 - Fact & Fiction Toolkit





Infrastructure Map





Commercial Vehicle Finder

Select type of vehicle to start:

 **SMALL VAN**
(2.2t GVW van such as a Transit Connect)


 **LARGE VAN**
(3.5t GVW van such as a Transit Van)


 **RIGID TRUCK**
(Over 3.5t GVW)


 **TRACTOR UNIT**


Tell us more about your choice:

Select the typical style of vehicle trip:

 **URBAN**

 **REGIONAL**

 **TRUNKING**

 **MIXED**

Select the average daily mileage of the vehicle:

The tool contains details of commercial vehicles currently available for general sale the UK market

Suitable vehicles are presented to a user based on the requirements entered from:

32 vehicle models

13 manufacturers

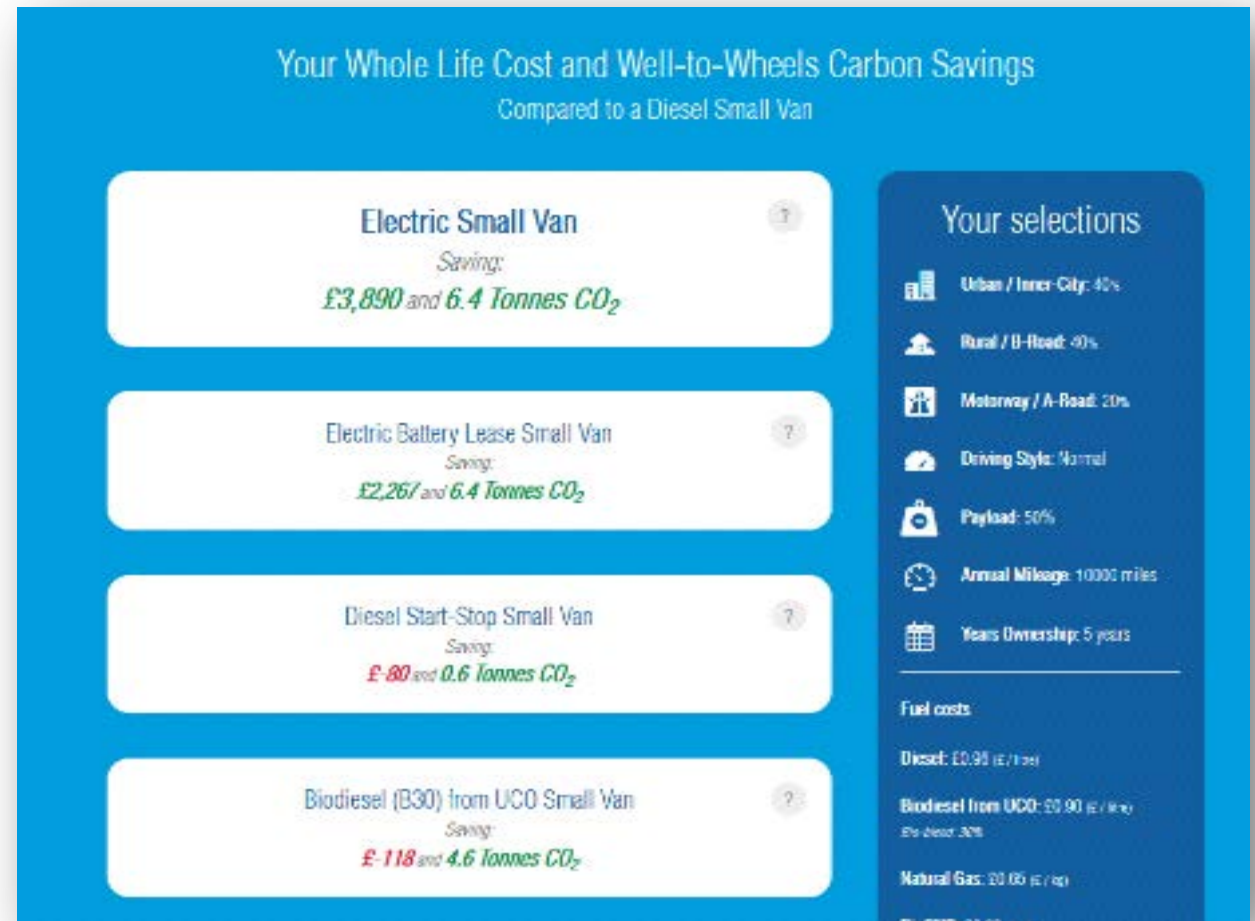


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Fleet Advice Tool

Free-to-use tool provides fleets with guidance on the whole life economic and emission performance of:

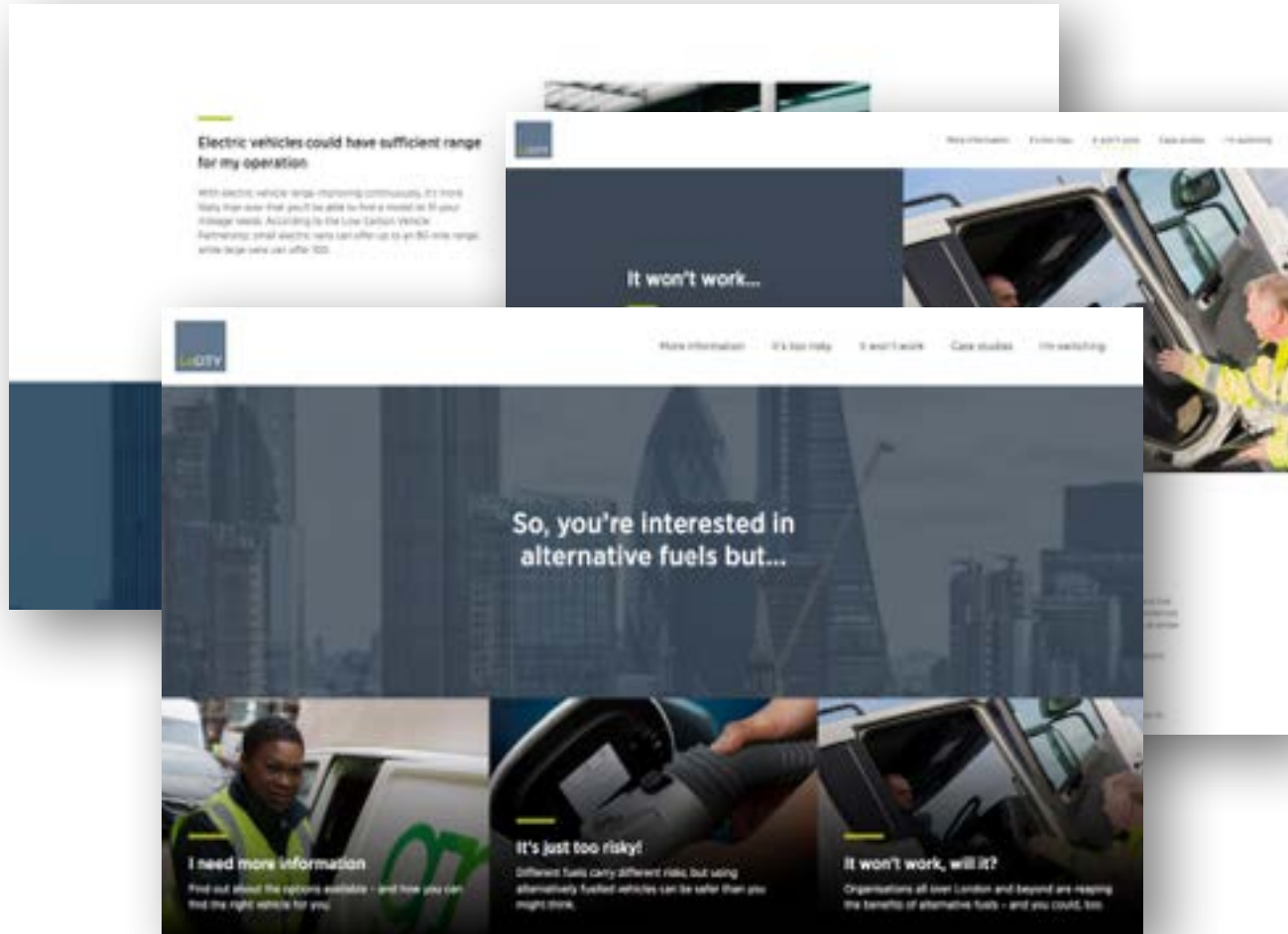
- Battery Electric
- Plug-in Hybrid Electric
- Range Extended Electric
- Hybrid Electric





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LoCITY Fact & Fiction Toolkit



- Microsite launching today - fuelfacts.locity.org.uk
- Answers common questions about alternative fuels. Includes:
 - Videos on risk & practicality
 - Toolbox talks, best practice guide and case studies
- Will be updated with new research

LoCITY – where next?

- Evolving programme
- Tiered approach:
 - Recruitment
 - Technical support – e.g. depot visits, roundtables, special interest groups, etc
- Self service vs supported
- Using our research to inform policy
- Support Ultra Low Emission Zone



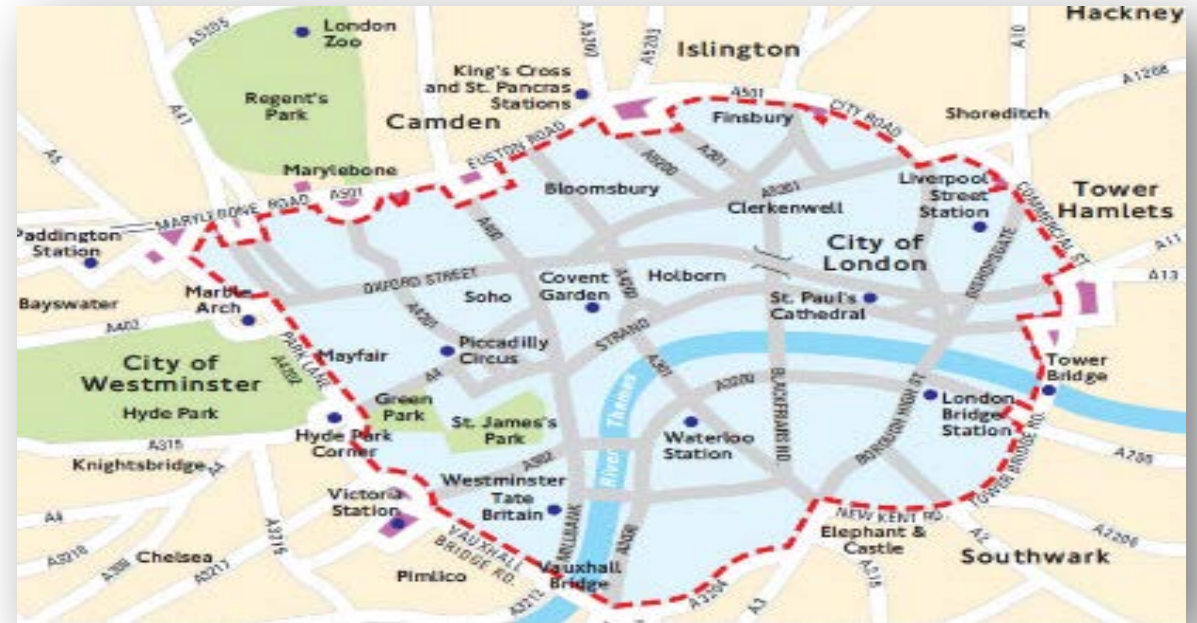


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Preparing for ULEZ

Ultra Low Emission Zone – live in central London from 8 April 2019.

Most vehicles will need to meet new, tighter exhaust emission standards (ULEZ standards) or pay a daily charge










Supporting MTS Policy 6: Seek to make London's transport network zero emission by 2050, contributing towards the creation of a zero carbon city

Now: T-Charge & Low Emission Zone (LEZ)











- Both standards apply in the hatched areas
- Minimum emissions standard is for NOx and PM

Vehicle class	Min emission standard	or	Daily Charge
 	Euro 4		£10
 	Euro IV		(CC Hours Only)
 	Euro IV PM		£200
	Euro 3 PM		£100

April 2019: Ultra Low Emission Zone









- ULEZ replaces T-Charge.
- Introduction of Euro 6/VI diesel standard and change in charge and hours (24 hours a day)

Vehicle class	Min emission standard	or	Daily Charge
	Euro 3		£12.50
 	Euro 4 petrol or Euro 6 diesel		£12.50
 	Euro VI		£100
 	Euro IV PM		£200
	Euro 3 PM		£100

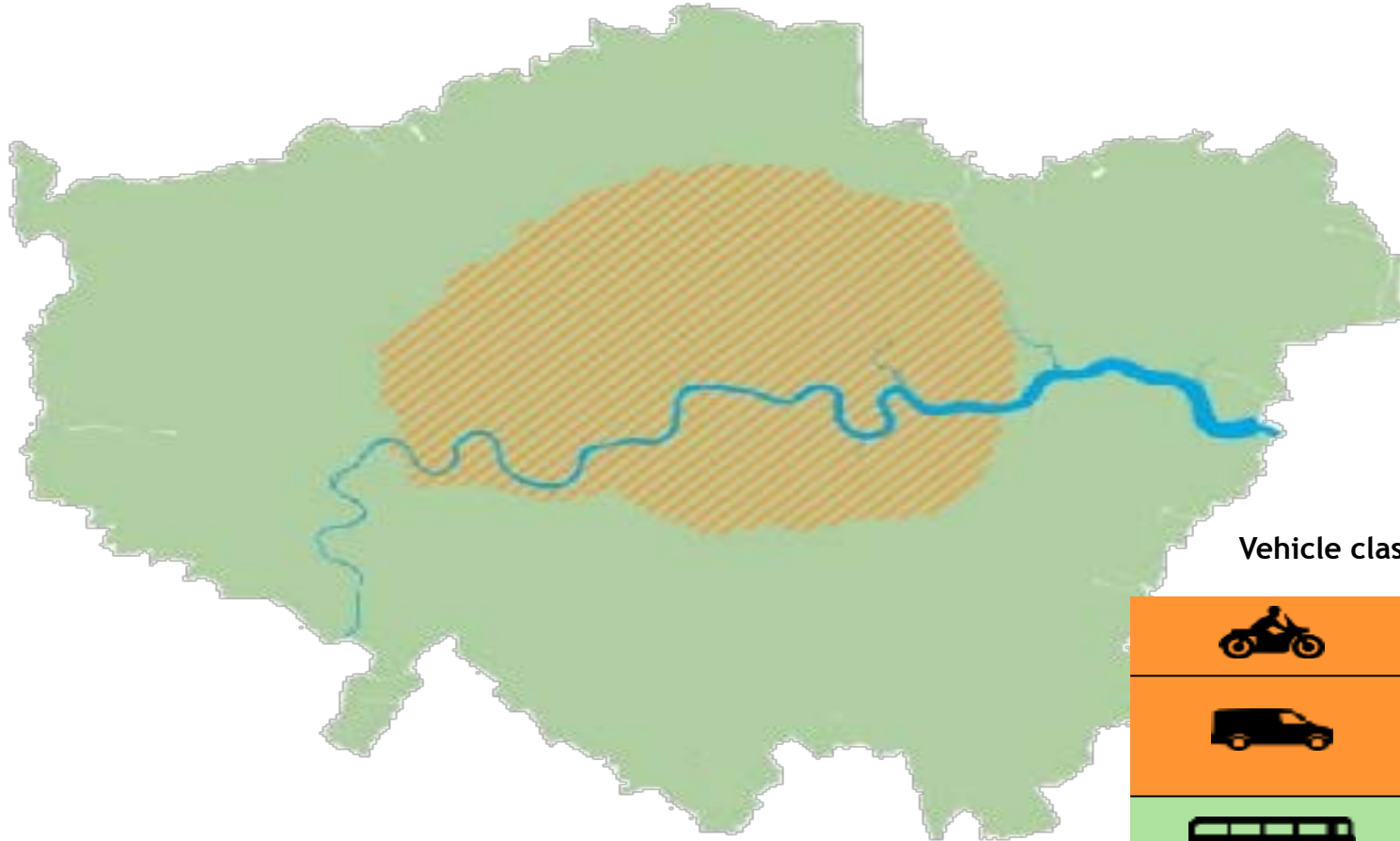
October 2020: Strengthening LEZ Standards









- Euro VI standard applies London-wide for heavy vehicles

Vehicle class	Min emission standard	or	Daily Charge
	Euro 3		£12.50
 	Euro 4 petrol or Euro 6 diesel		£12.50
 	Euro VI Euro IV PM		£100 £300
	Euro 3 PM		£100

October 2021: Expansion of ULEZ



- ULEZ expands to inner London
- Bounded by North/South circular (A406/A205)

Vehicle class	Min emission standard	or	Daily Charge
	Euro 3		£12.50
 	Euro 4 petrol or Euro 6 diesel		£12.50
 	Euro VI Euro IV PM		£100 £300
	Euro 3 PM		£100

Today...

- Visit us in the LoCITY Surgery this afternoon:
 - TfL Transport Strategy
 - ULEZ
 - Freight Operator Recognition Scheme
 - Direct Vision Standard
 - GLA Environment Unit
- How you can get involved?
- Feedback

