

Low Emission Zones – update

Derek McCreadie

Air Quality Senior Advisor

derek.mccreadie@transport.gov.scot

4 March 2020

Low Emission Zones in Scotland

- Programme for Government - in 4 cities by 2020 with the first in 2018 (Glasgow)
- All other authorities with AQMAs by 2023 where NLEF appraisals support the need for such mitigation.
- New Legislation – Transport Scotland Act 2019 – also includes parking controls and workplace parking levy
- LEZ – to address air pollution - but also Climate Emergency – carbon targets NTS2

Transport Scotland



- Working with the 4 City LEZ Delivery Groups (also Modelling, Enforcement, Consistency)
- Funding streams -
 - LEZ – Local Authority grants
 - LEZ – Public Transport Provision grants
 - LEZ Support Funding – Bus, taxi, HGV vans etc
 - Associated sustainable transport bus priority
- Regulation and Guidance development
- National communications strategy



About

Scotland's first zones are being introduced by the Scottish Government and local authorities.



How they work

Local authorities will be able to create, enforce and operate the low emission zones in their cities.



Development

The low emission zones will be developed through legislation from the Transport (Scotland) Bill.



Consultation

Engagement with stakeholders will ensure their involvement in the implementation of the zones.



FAQs

Frequently asked questions about Low Emission Zones and how they will affect you and your town/city.



Air quality

Low emission zones will help to deliver air quality improvements in our urban areas.

Legislation & Regulations

- Regulations/guidance being developed – penalties – exemptions
- Consultation closed 24/02/2020 – over 300 responses
- TRC option allows controls on buses to be introduced earlier



The measures included in the Transport Bill will lead to improved journeys for the travelling public, building on the work that is already underway to reduce emissions to help us meet our world-leading climate change targets.

Michael Matheson MSP
Cabinet Secretary for Transport,
Infrastructure and Connectivity



Communications + Awareness



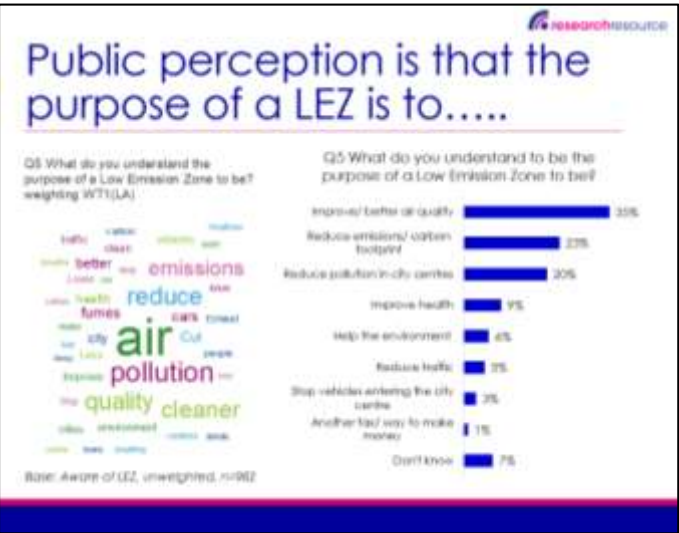
National
Communications programme
being developed

Target car buyers

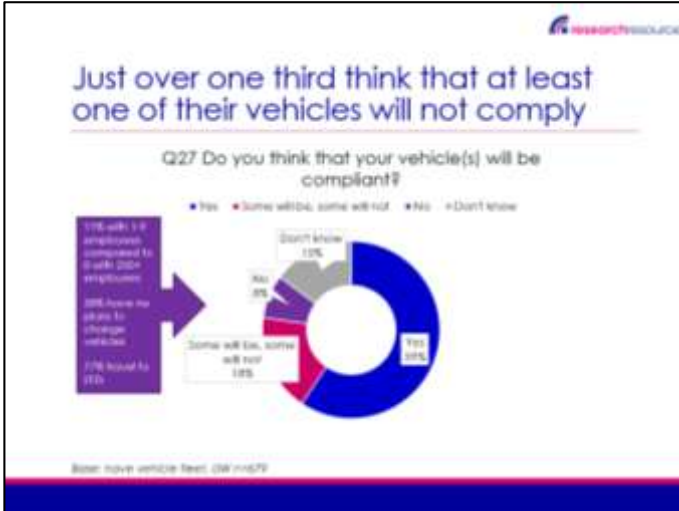
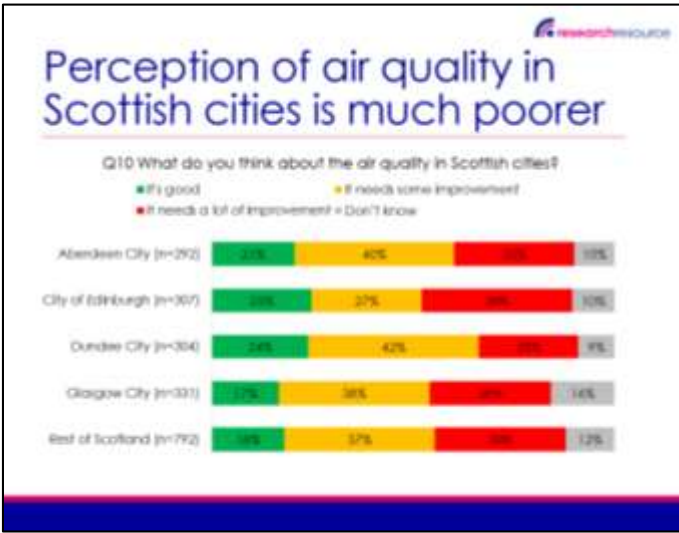
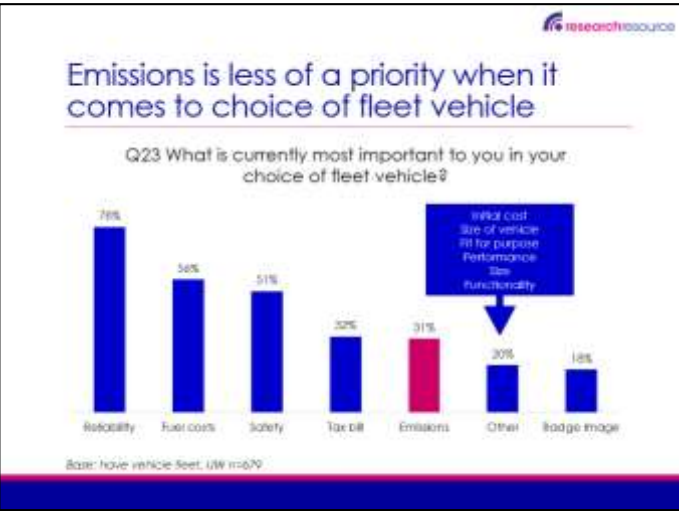
“Change is coming!” message to
be used – encourage “Get Ready”



Public

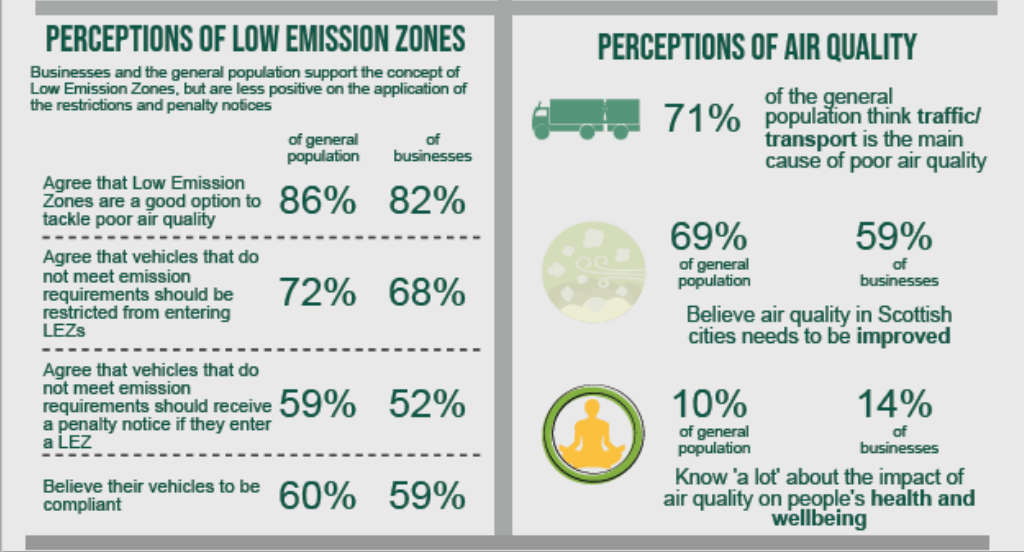
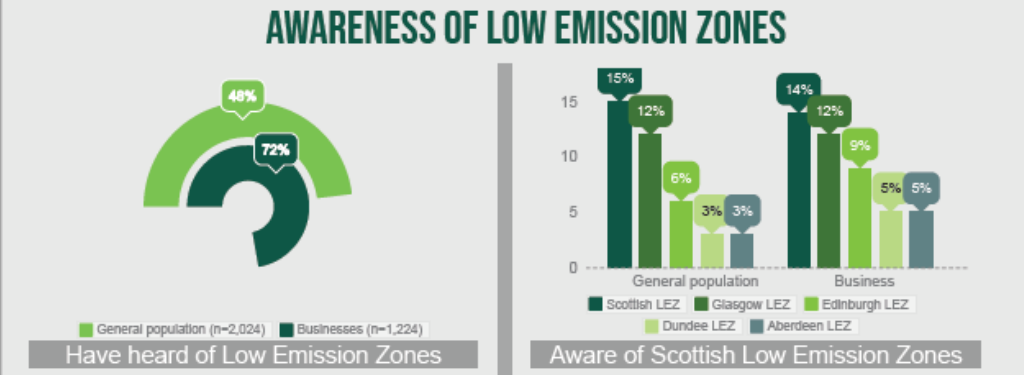


Business

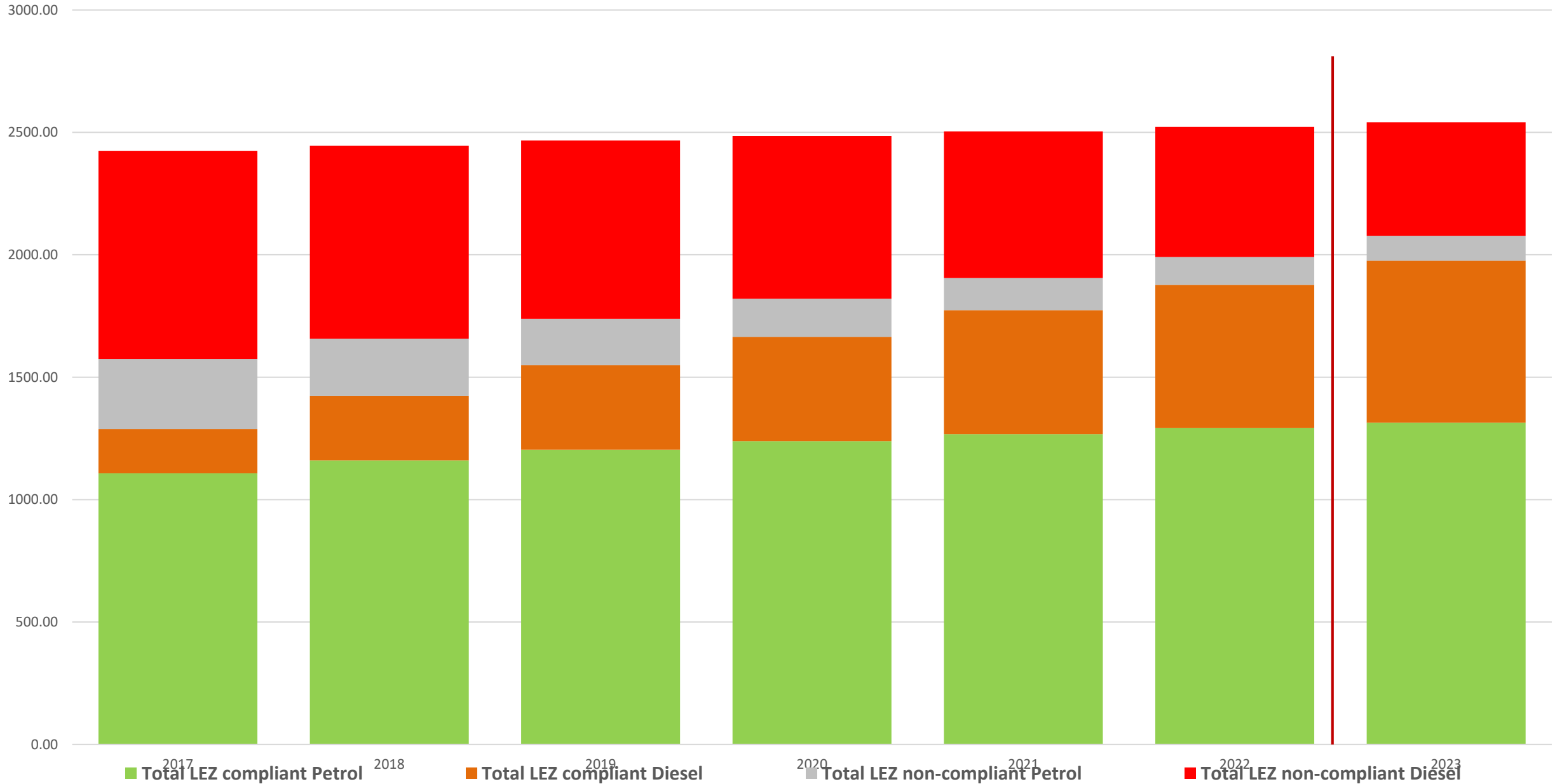


Aim: Gather robust quantitative data on the level of awareness and understanding of Low Emission Zones (LEZs) from a representative sample of the general public and businesses across Scotland to support planning of marketing activity and provide a benchmark for tracking awareness and understanding

Sample size: The research comprises 2,024 general population interviews and 1,224 business interviews.

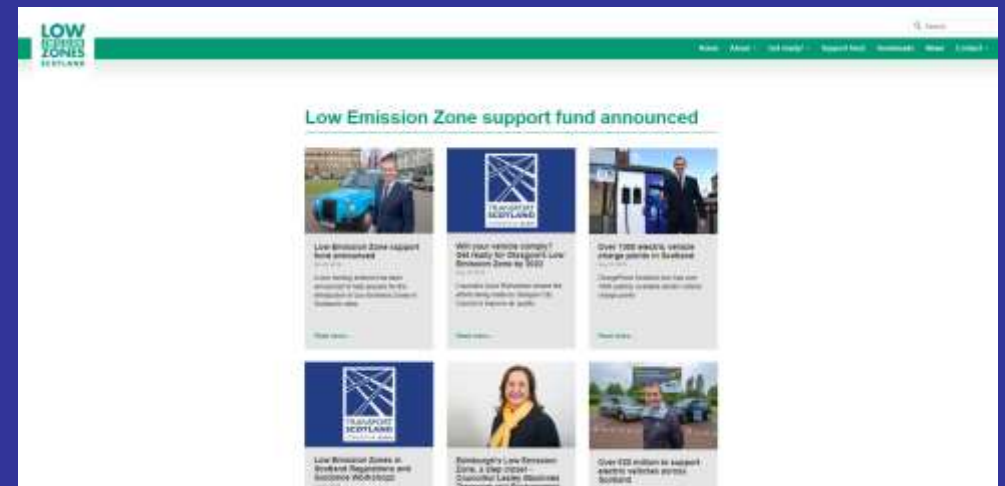


Total cars Scotland (thousands) by LEZ standards



www.lowemissionzones.scot

- One stop shop
- Vehicle checker
- Grant applications
- HGV and Van registration of interest
- FAQs
- News blogs
- Links to city info



LEZ – Public Transport Provision Funding

- Just over £7.9 million capital grant funding awarded to local authorities in 2019-20
- Funds to support the delivery of a LEZ
- Projects include infrastructure improvements shelters, Real Time Passenger Information systems, park and ride works, electric charge points, bus priority, cycling etc

LEZ Support Fund

- Low Emission Zone support fund £2.9M for micro businesses taxis and households in relative poverty
- First phase launched October 2019 focus on taxis, vans, commercial vehicles – early success with uptake of LPG taxis
- Scope for households and private individuals with ‘greatest difficulty adapting’ to LEZs to be made available shortly
- EST loans for electric taxis remain

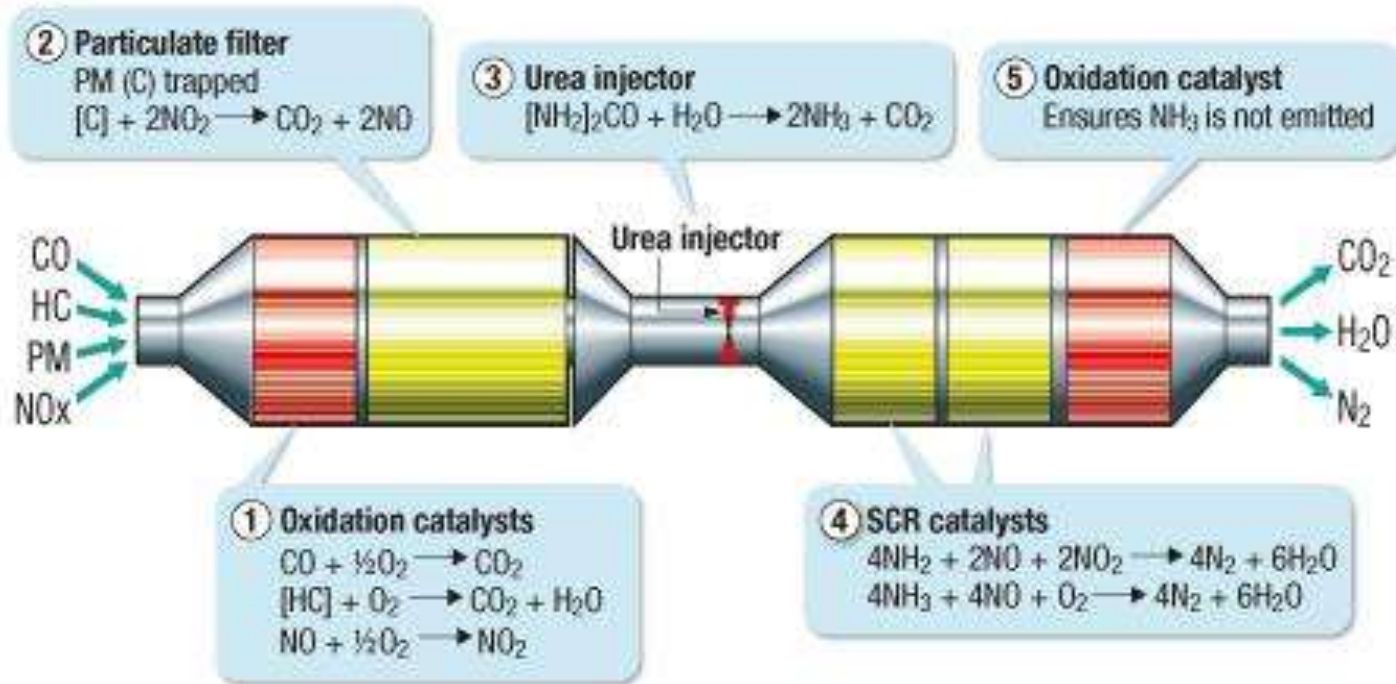


Funding support – BEAR

- **Bus Emissions Abatement Retrofit (BEAR) programme**
- **£8.857M for bus operators 2019-20**
- **Brings mid-life bus up to Euro VI standards**



166 Scottish buses and coaches being retrofitted to Euro VI



166 Scottish buses and coaches being retrofitted to Euro VI



BEAR Phase 3

Successful applicants can access grant funding from Transport Scotland towards costs up to a maximum of £3,100,000 per bidder.

Eligible vehicles must meet the following criteria:

- Buses and coaches operated under a Public Service Vehicle (PSV) operator licence or used for voluntary, community or other non-profit making purpose.
- Less than 13 years old at time of application.
- Conforming to Euro IV or V emission standards from factory.

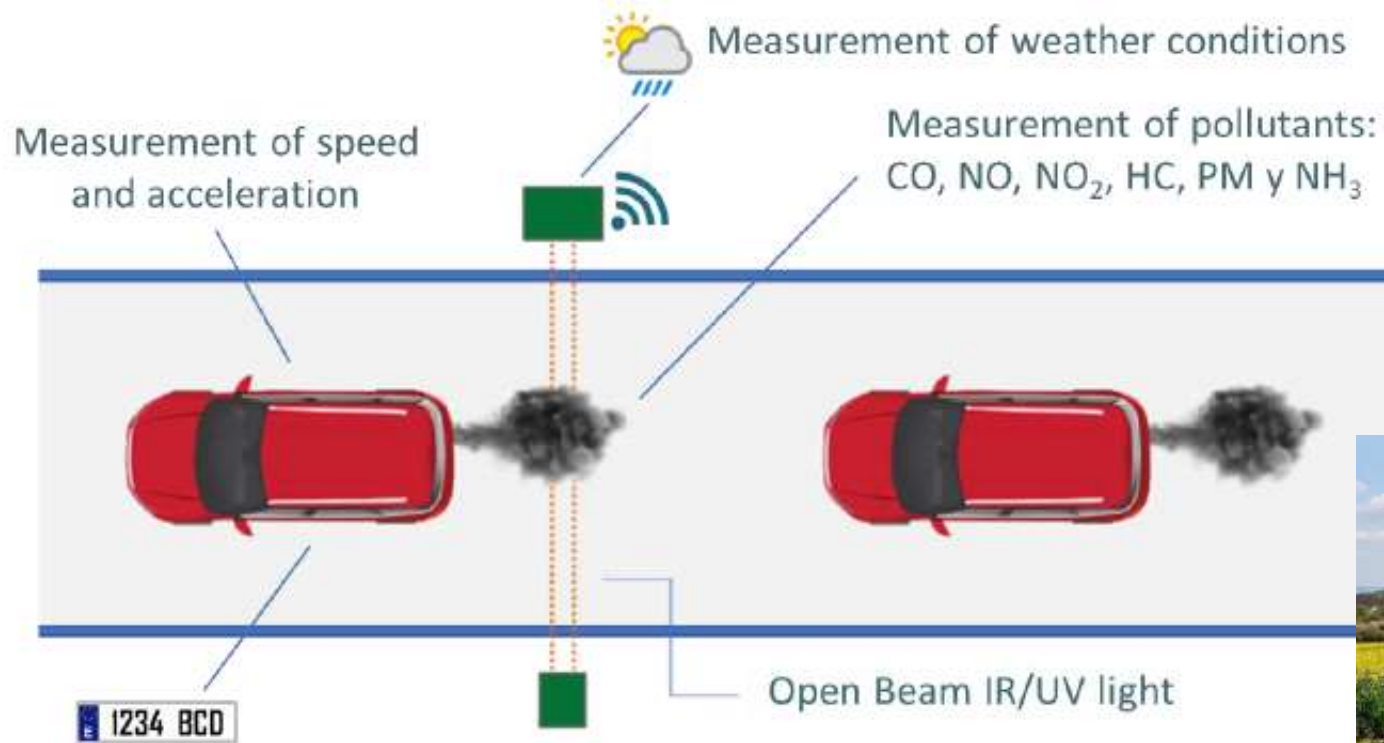
BEAR Phase 3

How do we know if a retrofit is Euro VI ?


[Home](#) ♦ [Transport](#) ♦ [Freight and retrofit](#)

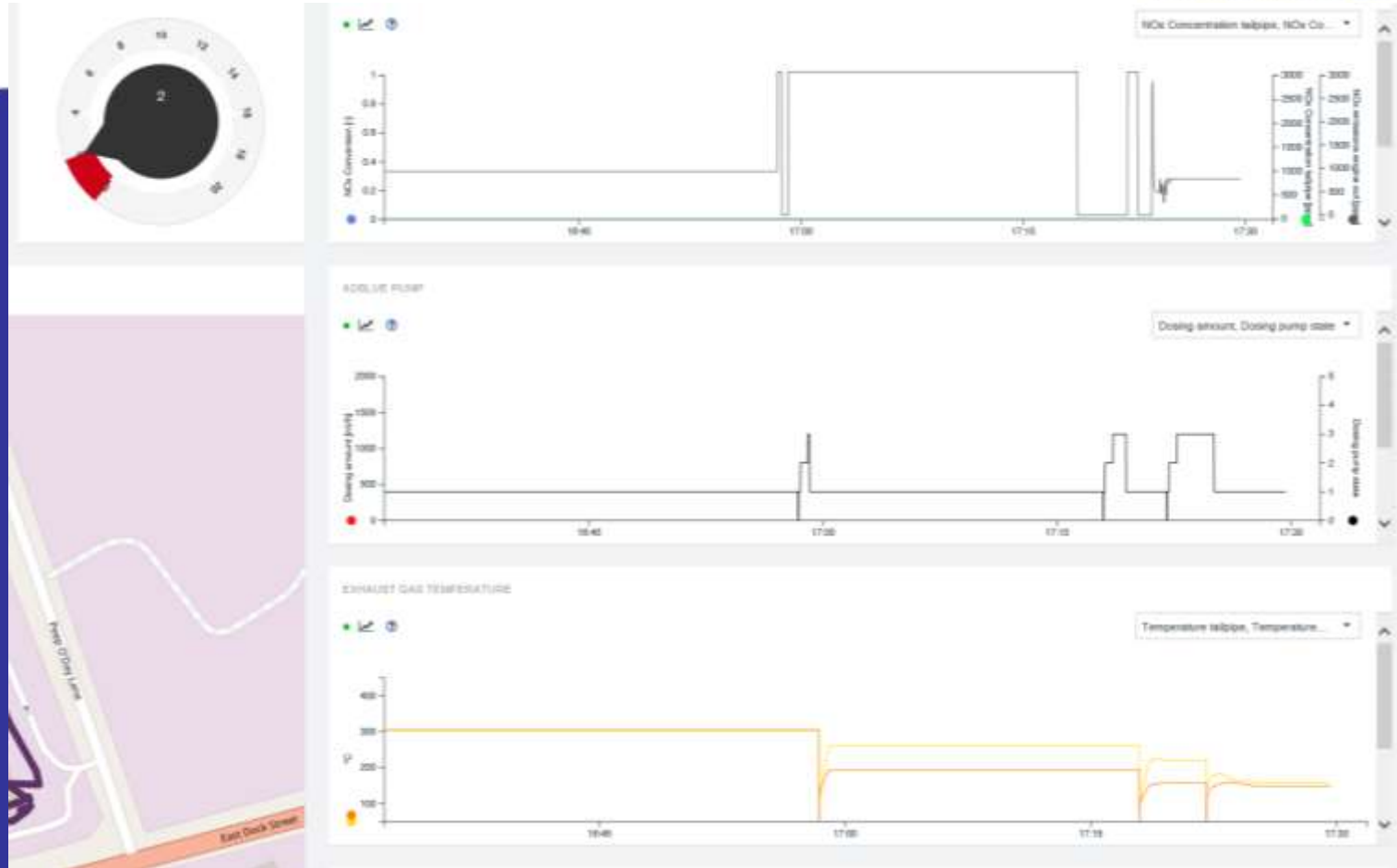
Clean Vehicle Retrofit Accreditation Scheme (CVRAS)

Monitoring of emissions



Monitoring of emissions – data

- 
- Telematics data
 - Remote sensing
 - PEMS on board testing
 - Road side checks



Future of LEZs ?

Low emission zones cut NO2 emissions by up to 32%, analysis shows

13.09.2019

NEWS

THOMAS BARRETT

Low emission zones (LEZs) across Europe have cut NO2 emissions by up to 32%, according to analysis by Transport and Environment (T&E).

The campaign group studied scientific publications from across the continent which it says provides strong health and social arguments that LEZs work, but say they could do more to encourage greener and more sustainable alternatives.

The first LEZs were introduced in Sweden during the 1990s and are now seen in over 250 cities across Europe.

T&E analysed the various air quality reductions in different LEZs, with Lisbon's LEZ seeing a 22% reduction of NO2, 10% in Berlin and 4.9% in Amsterdam.

The highest NO2 reduction observed was in 22% in Madrid.

However, according to the analysis, there was 'no discernible difference' in NO2 emissions following the introduction of London's LEZ, which was introduced in 2008.

Are Euro 6 standards a CAZtastrophe in the making?

20.02.2020

FREIGHT &
TRANSPORT,
VIEWPOINT

COLIN MATTHEWS

With Clean Air Zones (CAZs) coming to several UK cities this year, Euro 6 standards for trucks might not be the silver bullet for air quality that local authorities expect, writes Colin Matthews from JouleVert.



**Thank you for listening,
any questions ?**

Derek McCreadie
Air Quality Senior Advisor

derek.mccreadie@transport.gov.scot

4 March 2020