



# INDUSTRY UPDATE

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# LEGISLATION 2020 AND BEYOND – THE COVID EFFECT

Thank you and your teams for keeping the supply chain working

London Direct Vision – Extension until 28<sup>th</sup> February

Change to LEZ extension for Euro VI

Implementation of Clean Air Zones

- Brexit is going ahead
- Improving safety
- Decarbonisation of transport
- A Green Recovery



## Urban Access Schemes

Compliance requirements for some of the more common zones

### UK Clean Air Zones

- Transport Act 2000 part III, empowers Local Authorities to make charging schemes.

Current city schemes outside London are:

Bath – Class C, early 2021

Birmingham – Class D, early 2021

Leeds – Class B, early 2021

### Ireland restriction Zones

- Dublin – Permanent access restriction for 5 or more axle HGV's, permit entry at €10/day required.

### European Schemes

- Follow link to: <https://urbanaccessregulations.eu/>

Clean Air Zone vehicle types	
Class	Vehicle type
A	Buses, coaches, taxis, private hire vehicles
B	Buses, coaches, taxis, private hire vehicles, heavy goods vehicles
C	Buses, coaches, taxis, private hire vehicles, heavy goods vehicles, vans, minibuses
D	Buses, coaches, taxis, private hire vehicles, heavy goods vehicles, vans, minibuses, cars, Local Authority option of motorcycles.

[https://www.gov.uk/guidance/driving-in-a-clean-air-zone?utm\\_source=248ba754-a50e-45c0-a0eb-0cf860a7d48e&utm\\_medium=email&utm\\_campaign=govuk-notifications&utm\\_content=immediate](https://www.gov.uk/guidance/driving-in-a-clean-air-zone?utm_source=248ba754-a50e-45c0-a0eb-0cf860a7d48e&utm_medium=email&utm_campaign=govuk-notifications&utm_content=immediate)



# Type-approval requirements as regards their general safety and the protection of vehicle occupants and vulnerable road users [Regulation \(EU\) 2019/2144](#)

## The new safety features for trucks:

According to the EU GSR proposal, Intends to replace implementing acts to be repealed along with the previous GSR (EU) 661/2009. The following features will be included in new trucks starting for new types from 6<sup>th</sup> July 2022. (One proposal, the improved direct vision from driver's position will be introduced starting for new types from 7<sup>th</sup> January 2026.)

### Emergency stop signal

**What is it?** A flashing brake light (or similar) that signals to other road users behind the truck that the truck is quickly slowing down or braking heavily.

### Intelligent speed assistance

**What is it?** The system will actively monitor speed and alerts the drivers if he/she is breaking the speed limit, to encourage them to slow down.

### Vulnerable road user detection and warning on front and side of vehicle

**What is it?** Systems at the front and side of the vehicle that detect and warn of vulnerable road users, especially when making turns.

### Vulnerable road user improved direct vision from driver's position (will be introduced starting in 2026)

**What is it?** Specific requirements to improve "direct vision" (what drivers can see directly through the windows of their vehicle) and to remove blind spots. The new standards aim to allow drivers to see vulnerable road users, including cyclists and pedestrians, faster and easier. Proposal based on vehicle segmentation as either "Urban" or "Rural" use.

### Reversing detection

**What is it?** Detection technology, such as camera or sensors, to give the driver an overview of objects and people behind the truck.

### Tyre pressure monitoring system

**What is it?** A system that monitors the tyre pressure and reports it in real time to the driver



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## Further requirements



### Alcohol interlock installation facilitation

**What is it?** The rule change proposes a standardised interface for alcoholic interlocks (aka breathalysers) in vehicles.

### Drowsiness and attention detection

**What is it?** Safety systems to assess the driver's alertness that for instance monitor how long somebody has been driving and warn the driver to take a break when needed.

### Distraction recognition and prevention

**What is it?** Safety warning system capable of recognising the level of attention a driver is paying to a situation and warning the driver, if necessary.

### Event (accident) data recorder

**What is it?** A "black box" accident data recorder.

# Carbon Dioxide, CO<sub>2</sub> emission performance standards for Heavy Duty Vehicles *and amending regulation (EC) regulation 595/2009 (Euro VI) Regulation (EU) 2019/1242*

## Key Facts

CO<sub>2</sub> emissions based on registrations from 1<sup>st</sup> July 2019 to 30<sup>th</sup> June 2020 measurements from vehicle groups 4,5,9 & 10

CO<sub>2</sub> emissions of the Union fleet of new heavy-duty vehicles shall be reduced compared to the reference CO<sub>2</sub> emissions as follows:

for the reporting periods of the year 2025 onwards by 15 %

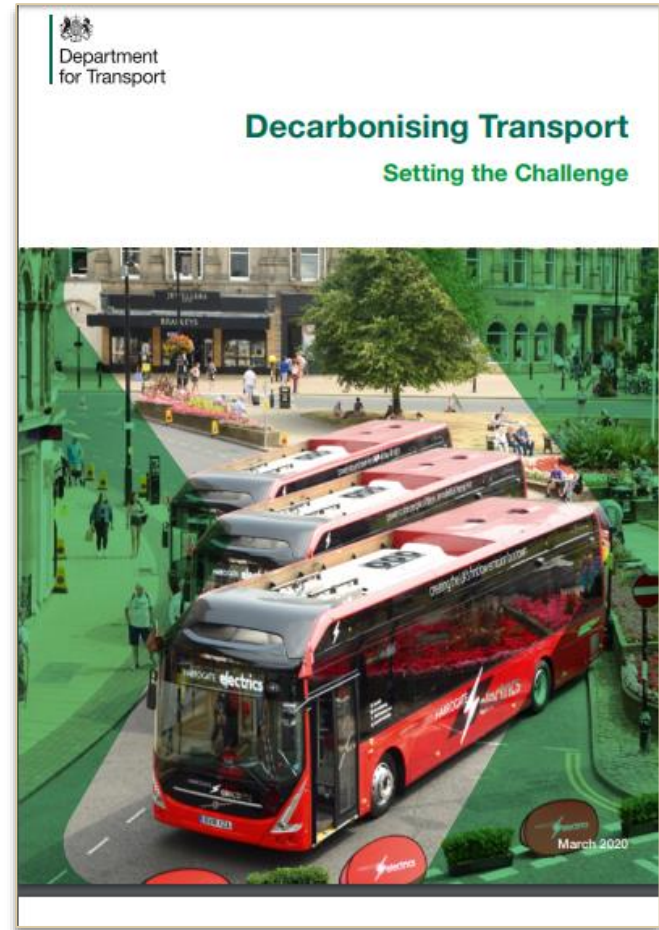
for the reporting periods of the year 2030 onwards by 30 %, unless decided otherwise



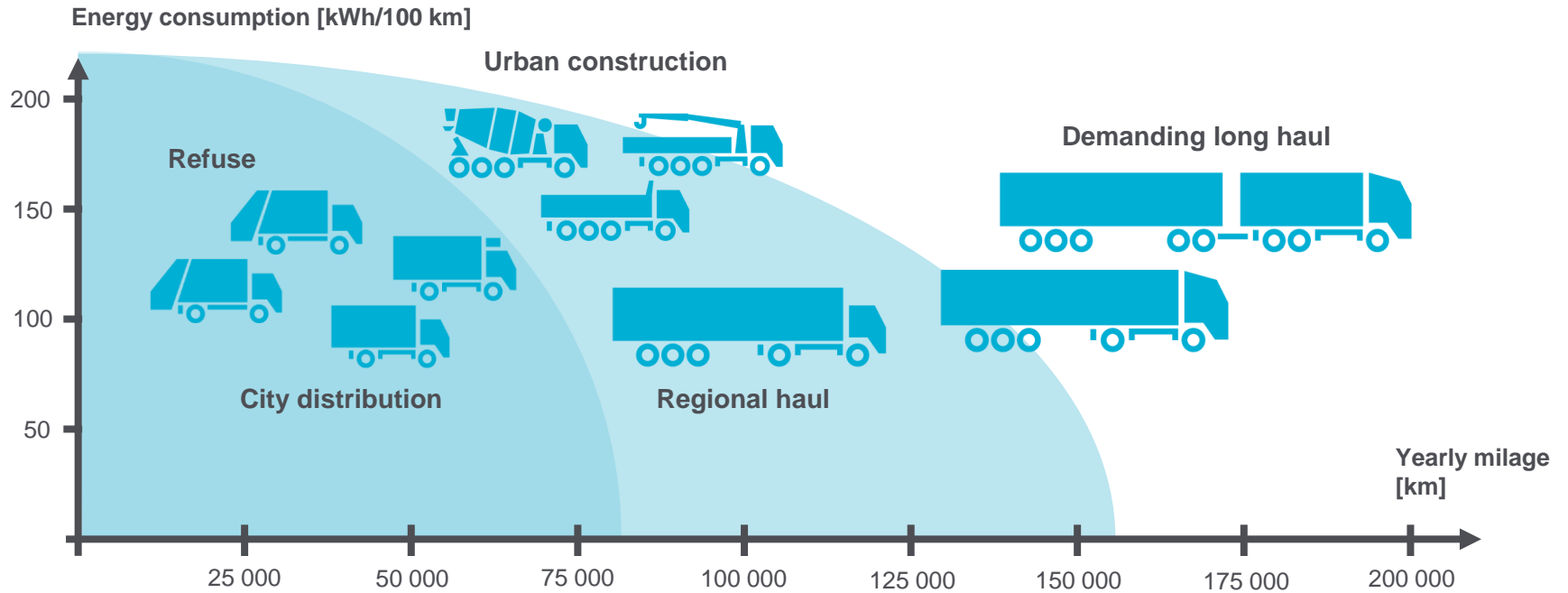


# THE TRANSPORT DECARBONISATION PLAN

- <https://www.gov.uk/government/publications/creating-the-transport-decarbonisation-plan>
- Industry responses by 31<sup>st</sup> August
- Email to [tdp@dft.gov.uk](mailto:tdp@dft.gov.uk)



# ELECTRIC VEHICLE EXPANSION





**THANK YOU**

