

# GLA Group Zero Emission Last Mile Deliveries Project

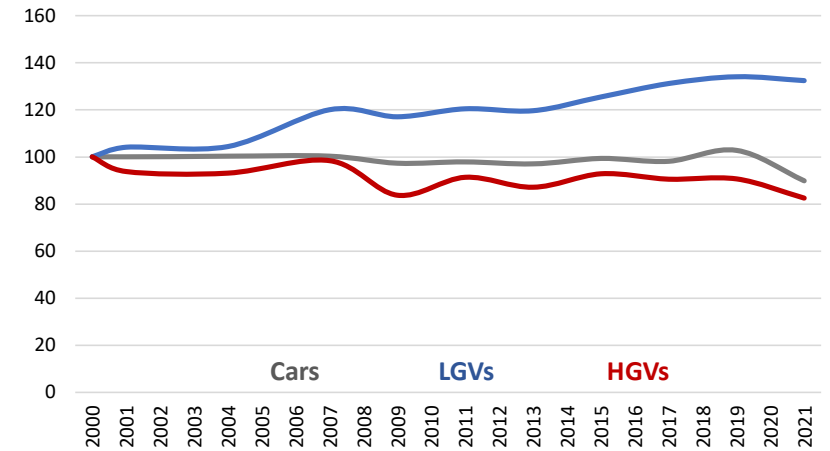
March 2023



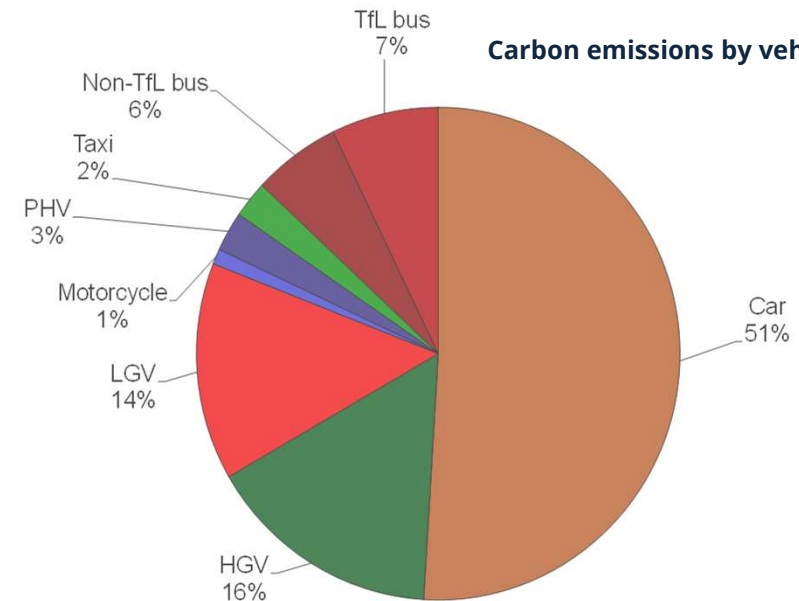
## Freight in London and its impact on emissions

- While cars and taxis have shown a decrease in London historically, freight has significantly increased its vehicle-kilometres as London's population grows. This increase is mostly driven by LGVs take-up.
- In the first lockdown, GV levels reduced by around 50% but recovered quicker than other modes (particularly LGVs).
- HGVs and LGVs represent a 30% of carbon emissions (2019 figures), second only to cars.
- However, cars account for a 77% of the total vehicle-kilometres while freight represents only a 17%, which means that freight operations are high carbon intense compared with other vehicles.

LGV and HGV movements in London, 2021



Carbon emissions by vehicle type, 2019

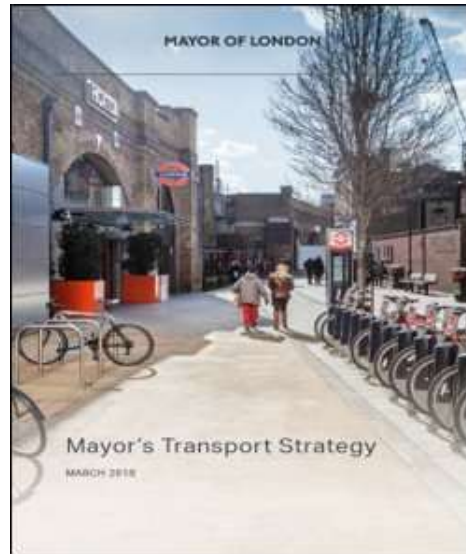


# Mayor's Transport Strategy

Published: March 2018

## Targets for London

- 80% sustainable mode share by 2041
- 20 minutes of active travel per day by 2041
- Vision zero for the transport network by 2041
- Zero emission by 2050
- 10% less in central London am peak 2026
- 3 million fewer private car trips by 2041



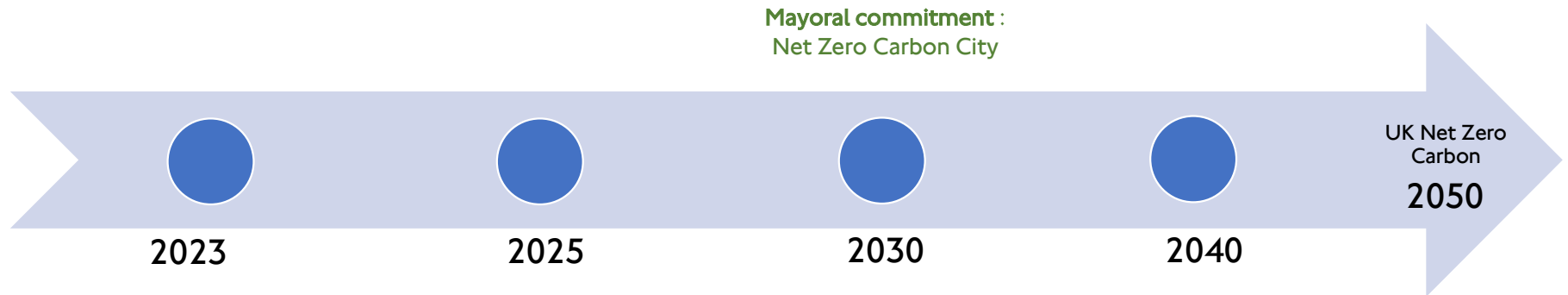
# Freight & Servicing Action Plan

- **Published:** March 2019
- **Vision:** the safest, cleanest and most efficient freight transport of any city in the world (Freight & Servicing Action Plan, 2019)

Mayor's Transport Strategy Proposals relevant to freight and servicing	
<p><b>Proposal 9</b> The Mayor, through TfL, the boroughs and enforcement partners, will seek to reduce danger posed by vehicles.</p> <p><b>Proposal 10</b> The Mayor, through TfL and the boroughs, will set out a programme to achieve the Vision Zero aim of reducing the number of people killed or seriously injured on London's streets to zero.</p> <p><b>Proposal 11</b> The Mayor, through TfL, the boroughs, police and stakeholders, will seek to improve motorcycle safety.</p> <p><b>Proposal 15</b> The Mayor, through TfL, will work with the boroughs, businesses and the freight and servicing industry to reduce the adverse impacts of freight and service vehicles on the street network. The Mayor aims to reduce the number of lorries and vans entering central London in the morning peak (07:00-10:00) by 10 per cent by 2026.</p> <p><b>Proposal 16</b> The Mayor, through TfL, and working with the boroughs and the Freight Forum, will improve the efficiency of freight and servicing trips on London's strategic transport network by:</p> <p>a. Identifying opportunities for moving freight by rail, where this will not impact passenger services and where the benefits will be seen in London</p>	<p>b. Increasing the proportion of freight moved on London's waterways</p> <p>c. Reviewing the potential benefits of a regional freight consolidation and distribution network, and completing the network of Construction Consolidation Centres in London</p> <p><b>Proposal 17</b> The Mayor, through TfL, working with the boroughs and the Freight Forum, will work with landowners and all parts of the supply chain, including the freight industry and individual businesses, to improve the efficiency of last-mile delivery and servicing.</p> <p><b>Proposal 33</b> The Mayor, through TfL and the boroughs, will introduce regulations and pricing incentives to support the transition to the use of Ultra-Low Emission Vehicles in London.</p> <p><b>Proposal 35</b> The Mayor, through TfL and the boroughs, and working with the Government, will seek to introduce zero emission zones in town centres from 2020 and aim to deliver a zero emission zone in central London from 2025, as well as broader congestion reduction measures to facilitate the implementation of larger zero emission zones in London by 2040 and London-wide by 2050 at the latest.</p>



# Zero Emission Targets



Inner London\*



Euro 6 (ULEZ)

## GLA group

All cars to be ZE

Newly purchased or  
leased to be ZEC

## UK

Newly registered to be  
ZEC [end of sale]

2035: Newly registered  
LGVs to be ZE



Greater London

Euro 6 (LEZ)

## GLA group

All vehicles to be fossil  
fuel free/ZEC

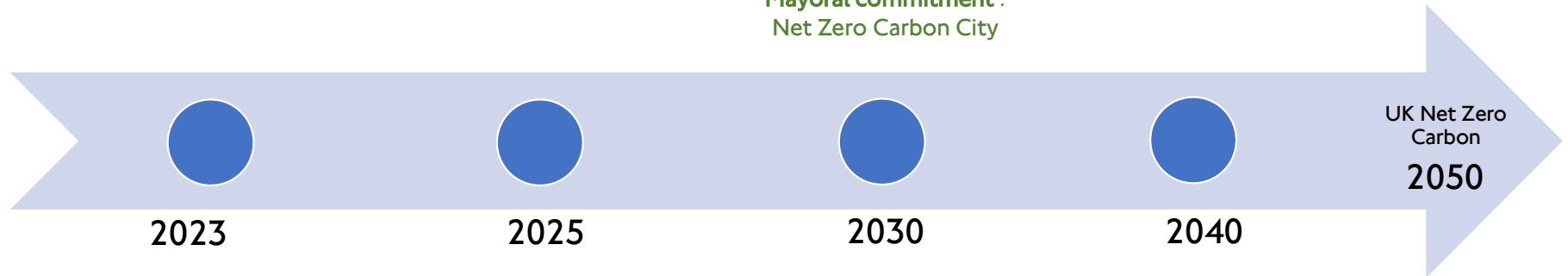
## UK

Newly registered heavy goods  
vehicles to be ZEC [end of sale]

- Greater London from Oct 2023

# Zero Emission Targets

Mayoral commitment :  
Net Zero Carbon City



Inner London\*

Euro 6 (ULEZ)



## GLA group

All cars to be ZE

Newly purchased or  
leased to be ZEC

New procurement  
contracts to be ZE

## UK

Newly registered to be  
ZEC [end of sale]

2035: Newly registered  
LGVs to be ZE



Greater London

Euro 6 (LEZ)

## GLA group

All vehicles to be fossil  
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# Accelerating the uptake of Zero Emission Last Mile deliveries through procurement

## Objectives:

- Use procurement as a tool, changing the requirements for internal GLA Group functional bodies' procurement of freight and servicing vehicles.
- Lead by example and encourage other governmental and non-governmental organisations to use procurement as an enable to accelerating their decarbonisation processes.

## Ambition:

To reduce emissions associated with **last-mile deliveries**, with all **new contracts** to require freight and servicing vehicles **under 3.5 tonnes** to GLA Group buildings to be **zero emission from 2025**.

## Performance measures:

- Supplier engagement activities
- Contracts including requirements



The GLA Group RP Implementation Plan (2022-24) features deliveries and logistics focus as part of the 'Improving Environmental Sustainability' theme.

Target developed in consultation with key stakeholders across the GLA Group including GLA policy leads, TfL City Planning, Functional Bodies and external sources such as LoCity.

# Delivering the Ambition

## Key Work Streams

- Enabling procurement changes including assurance
- Communicating with the market and commercial teams
- Collaboration and Best Practice with external partners / programmes
- Strategy Integration and alignment

## Activities and Timeline

### Q4 2022/23

- Identify key stakeholders
- Establish internal working group

### Q1 2023/24

- Engagement with priority areas to further develop action plan:
  - Supplier relationship management
  - Legal / Governance
  - Operational teams - monitoring compliance
- Learning from others through best practice approaches