



Powered Light Vehicles - the Route to Tomorrow's Journeys

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LCV2019 Event Sponsor:

GEOTAB[®]
management by measurement



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Today's Industry. Tomorrow's Journeys

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CHIEF EXECUTIVE

MCIA

The Grand Challenges

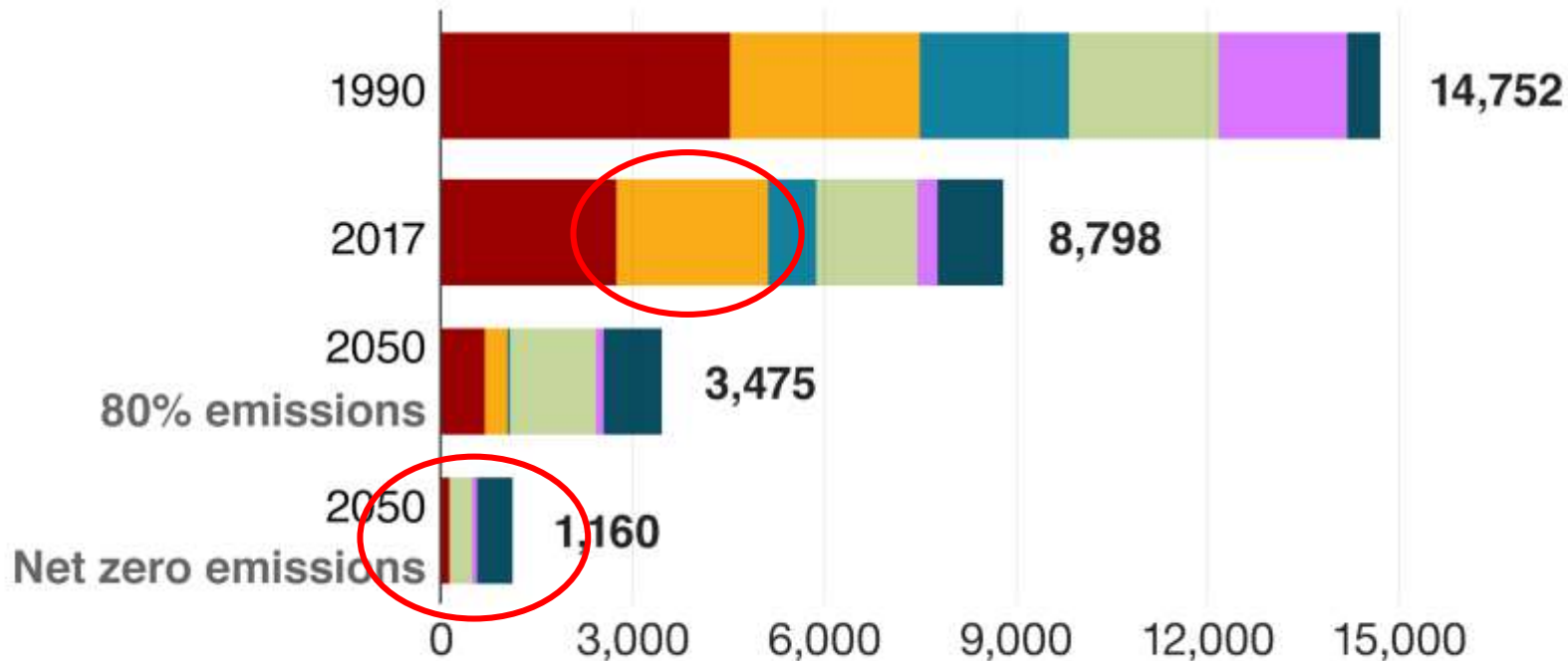
- Need to think differently about the car
- Active and healthy travel
- Create more urban living space
- Vision Zero
- Zero carbon by 2050
- A Transport Revolution



Emissions: The Size of the Challenge

Household emissions in 1990, 2017 and 2050

Annual emissions, kilogrammes of CO2



Source: Climate Change Committee/BEIS (2019)

Not so easy



- Historic Cities that were designed from a bygone era
 - Avoid damage to business and not lose appeal of investment to develop
 - Healthy streets, must also be **financially healthy**
 - Respect people's desire to have freedom of movement
 - Modal shift will be critical to success
-
- The Market is already deciding!



In association with:
LowC^{VP}
Low Carbon Vehicle Partnership

The Grand Challenges

- Need to think differently about the car
- Active and healthy travel
- Create more urban living space
- Vision Zero
- Zero carbon by 2050
- A Transport Revolution
- But how and with what?



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Powered Light Vehicles (L-CAT)

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The Right Vehicle for the Right Journey



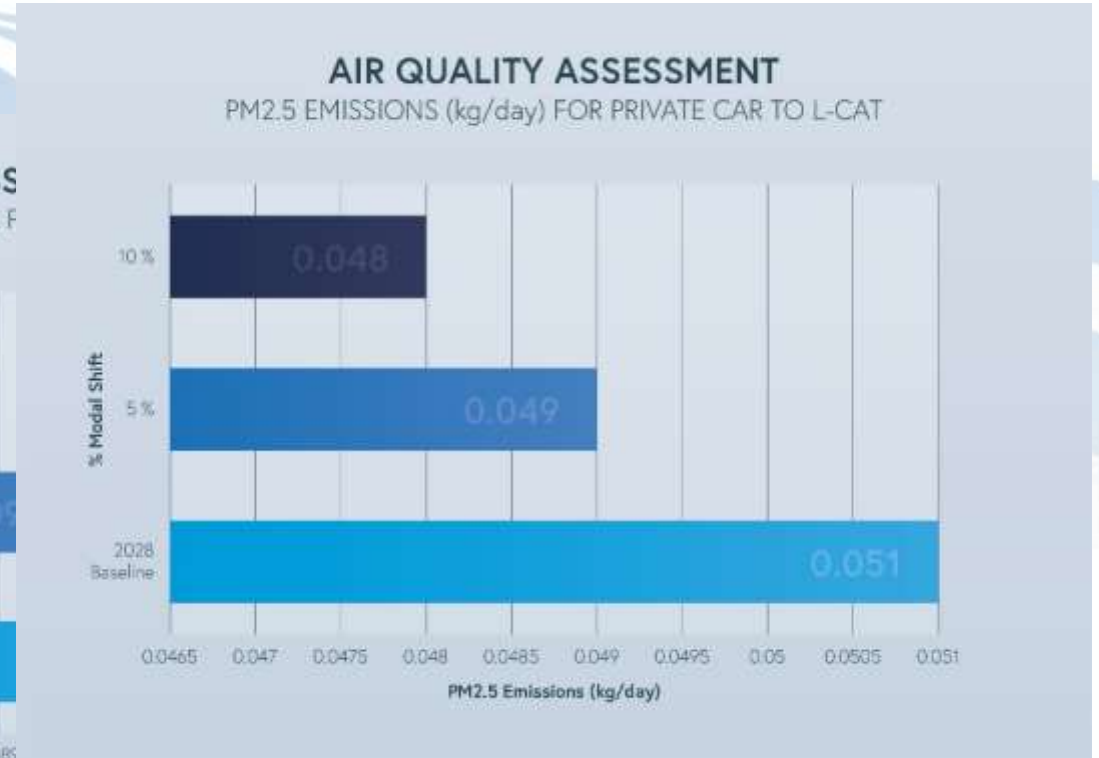
- The need to own a car if you live in the urban and suburban setting is changing, occasional use is becoming the norm
- Vans are often under laden, but old habits die hard
- On-line convenience shopping forcing change
- It is time that we discover, “The Right Vehicle for the Right Journey”

In association with:



The Route

- Emissions & clean air



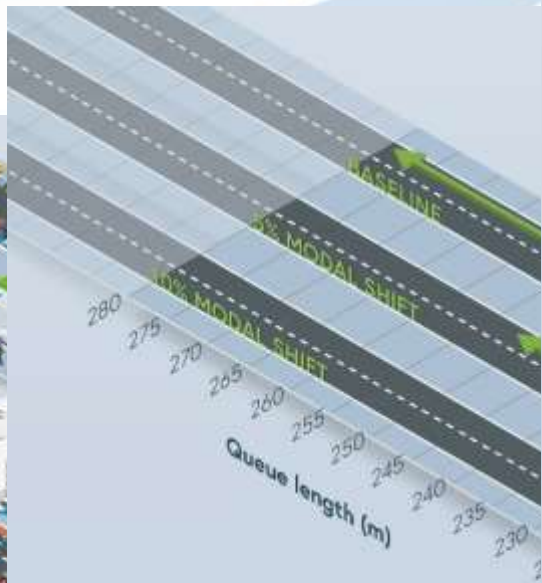
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- Efficient Use of Road Space

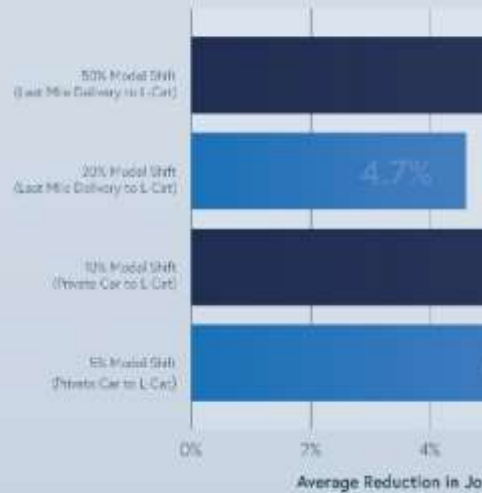


EFFICIENT USE
OF ROAD SPACE



PLV MODAL SHIFT
IMPACT ON QUEUE LENGTH

JOURNEY TIME AVERAGE REDUCTION IN JOURNEY TIME



DELAY REDUCTION AVERAGE REDUCTION IN DELAY ACROSS ALL JUNCTIONS.



20% SHIFT = 18.4s reduction



50% SHIFT = 39.8s reduction

SHIFT FROM LGV/OGV1 TO L-CATEGORY

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- Healthy Streets and Personal Choice



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- Moving People to Work & Study



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- Servicing the Last Mile & Every Mile

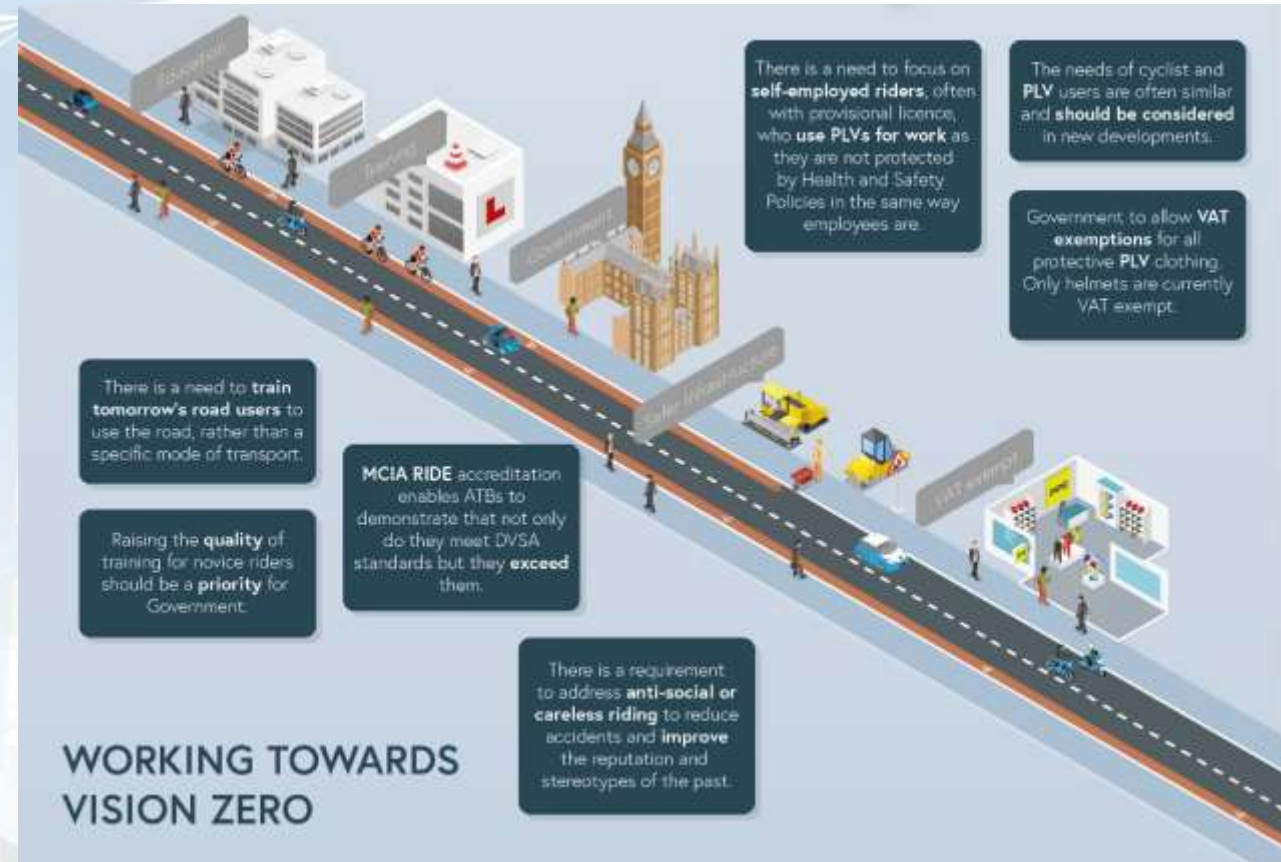


PLVs SERVICING THE GIG ECONOMY SAFELY

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- Education & Training



The Route

- Education & Training



EDUCATING
TOMORROW'S ROAD USERS



SETTING THE STANDARD
FOR QUALITY TRAINING



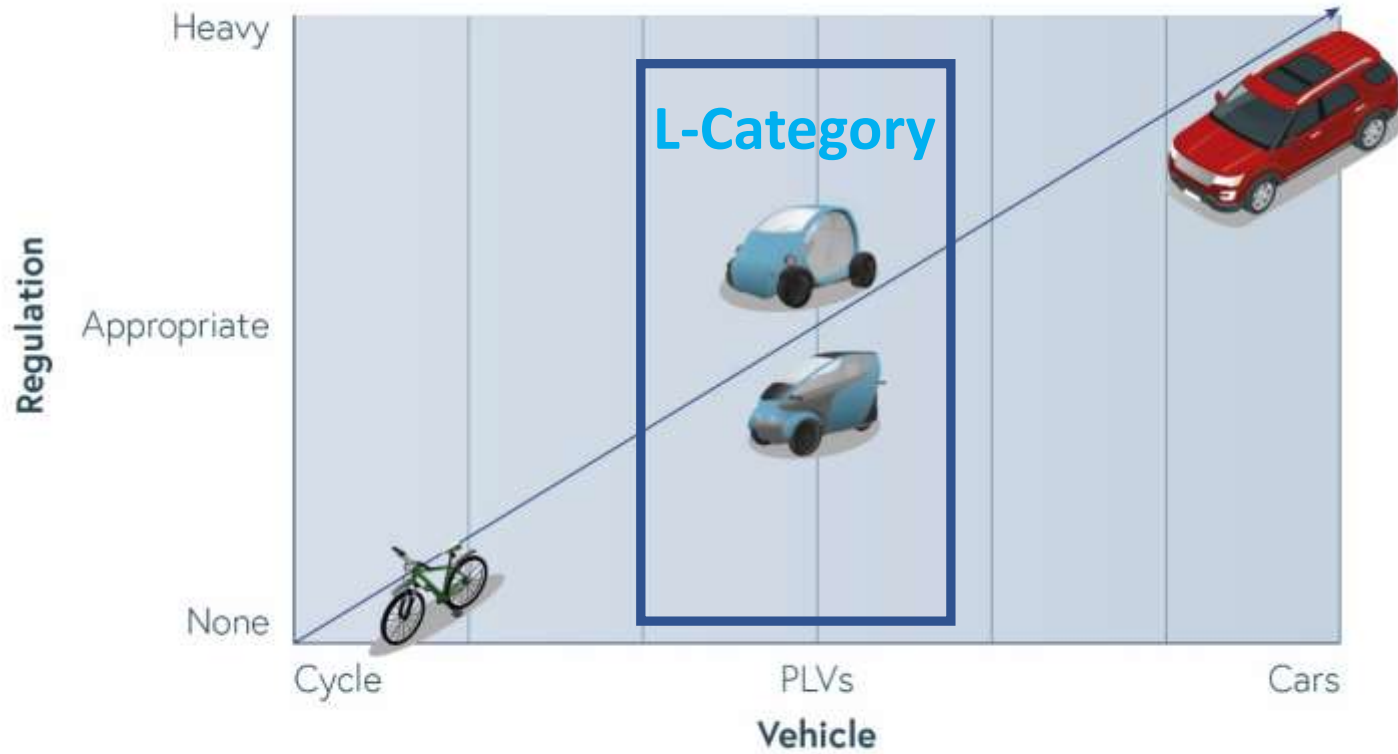
ENCOURAGING BETTER
ROAD USER BEHAVIOUR

In association with:



The Route

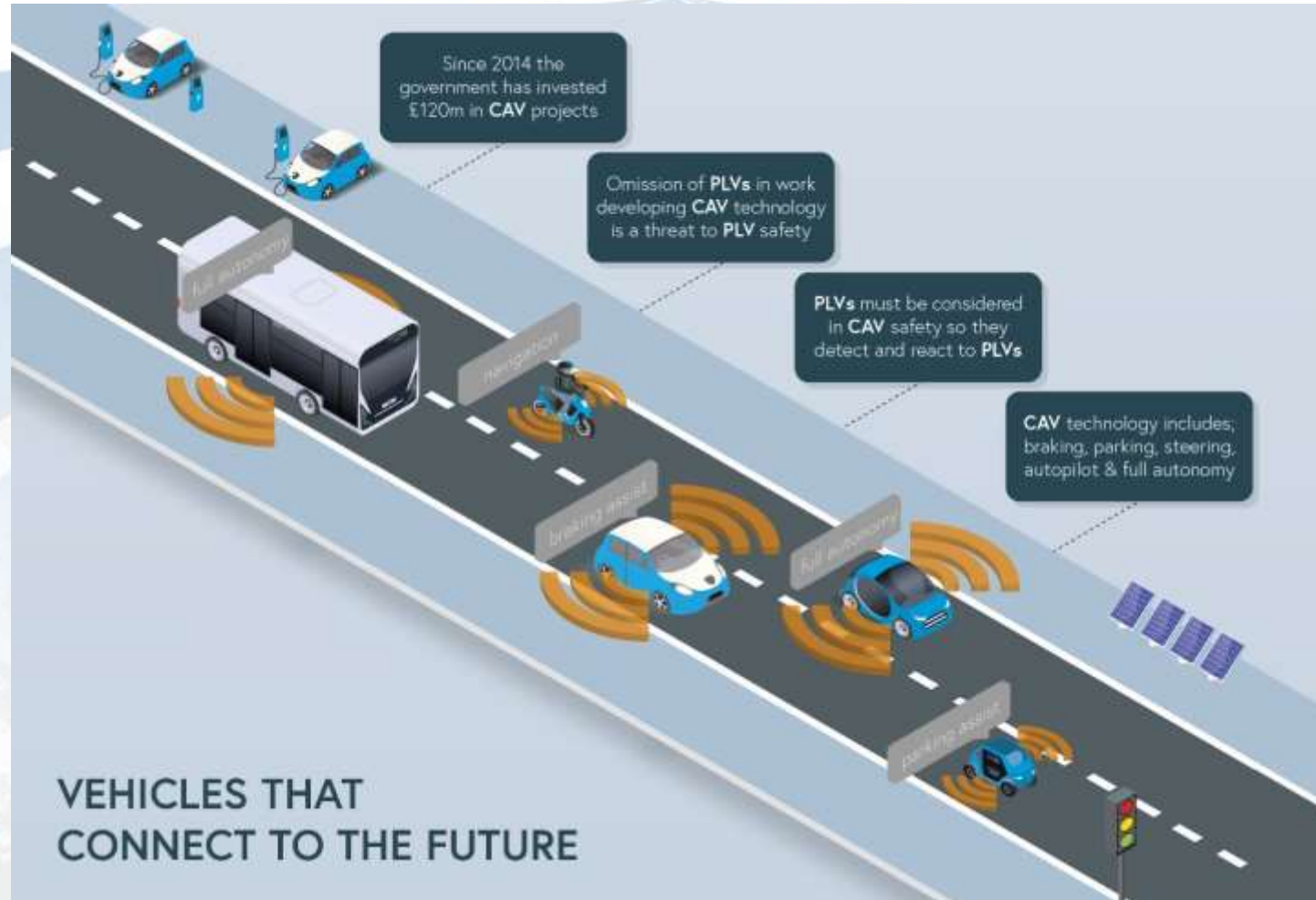
- Regulation



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The Route

- Connected Vehicles



VEHICLES THAT
CONNECT TO THE FUTURE

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Industry at the ready



- Global manufacturers
- UK SME's
- Products already on the market
- R&D in progress
- Legislation and regulation in place
- End users are: regulated, insured, licensed and trained
- **An obvious solution?**

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