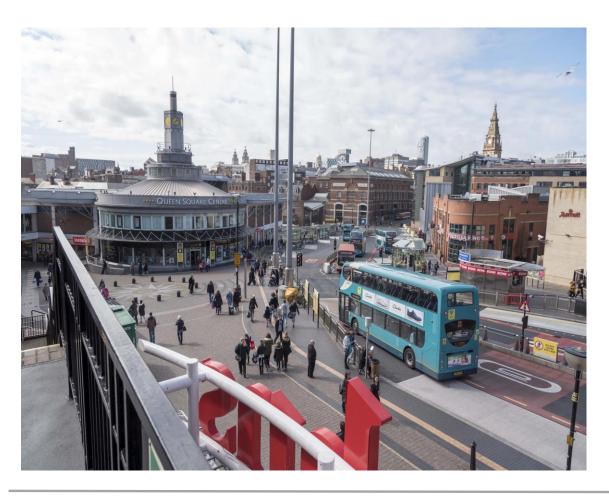
Taking the Bus to Net Zero

**CIIr Liam Robinson** 

**Liverpool City Region Combined Authority** 



## Bus in the Liverpool City Region



- 147m bus passenger journeys per year in LCR
- 80% of public transport journeys by bus despite a thriving local rail network
- Locally, buses are critical to economic growth, social capacity and access to education, taking over 100k to work each day and 60k to education
- The measures introduced via our Bus Alliance have delivered 16.2% fare paying bus patronage growth, (168% growth for Under 19s with Young Person Fares Deal) reversing long term decline



## It is better by bus: Clean Bus Success so far

- Bus is Vital to Green Growth: A double decker bus can take 75 cars off the road
- Over £40m investment in new buses of Euro 6 standard or better since the start of the partnership
- £5m Arriva/Merseytravel OLEV bid to boost investment to introduce 72 hybrid, electric, biomethane buses
- Start/stop technology on new Stagecoach buses
- 7-year average fleet age
- Priority measures at traffic lights
- Contactless payments on bus
- Better By Bus Current campaign focus on bus being a sustainable choice for people





## Where we are going next

- TCF Invest in green routes
- £6.4m hydrogen bus project **25 hydrogen vehicles**
- Clean Bus Technology Fund bid £3m to retrofit 150 buses to Euro 6 inc. SMEs
- Liverpool City Centre Bus routing strategy reducing bus movements in the City Centre by over 880,000km per year, reducing emissions from buses by over 2000 tonnes of CO2
- Differential departure charging regime to reward greener buses and ban older buses from stations
- Identification and delivery of punctuality improvement schemes on the Key Route Network
- The Liverpool City Region's vision is for a zeroemission fleet by 2035.
- All need to play a key part- LCRCA, DfT, Manufacturers and Operators