# The Infrastructure Race – The Greater Manchester Approach

Tony Hemingway – Transport for Greater Manchester



#### The Greater Manchester Approach















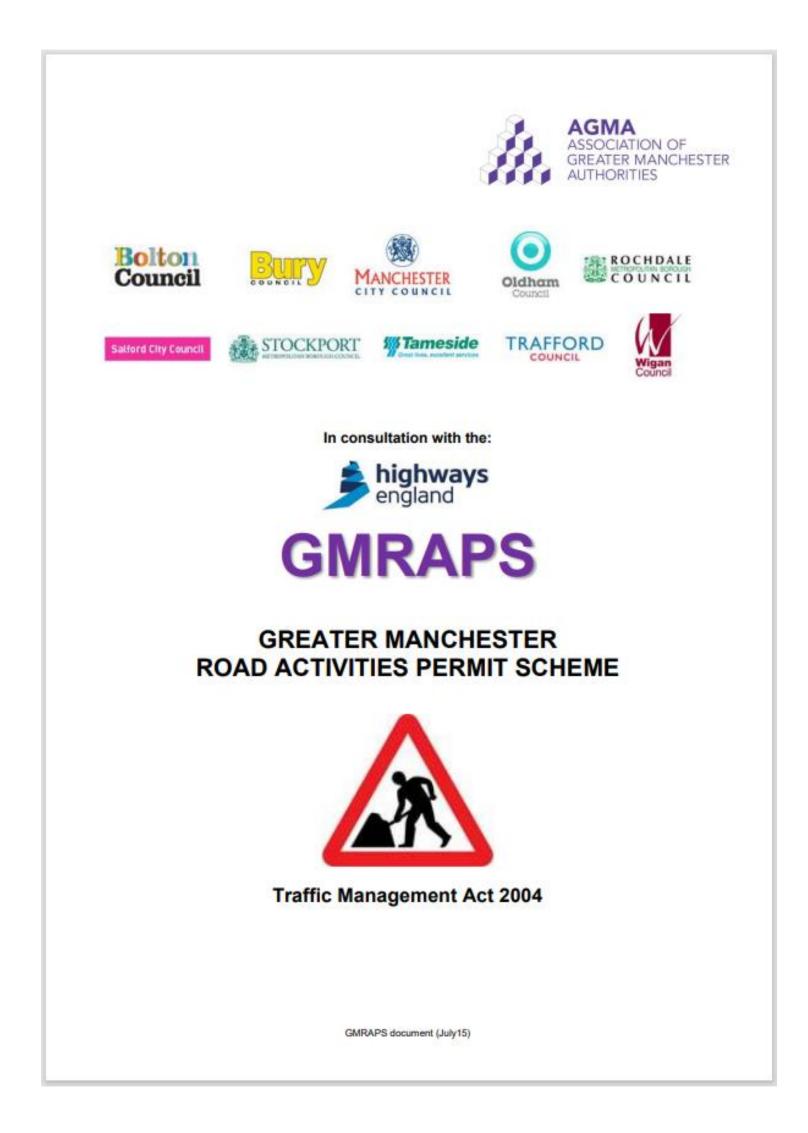








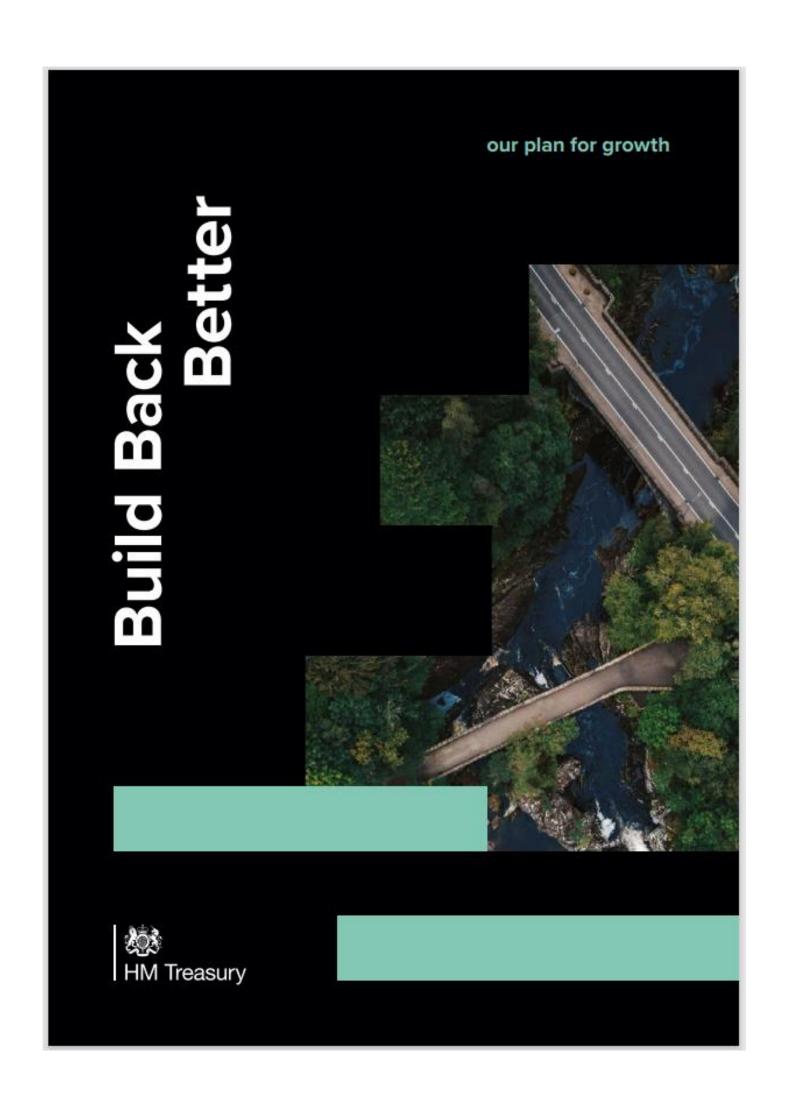




## **Greater Manchester Road Activity Permit Scheme**

- Commenced in April 2013 as a Joint Scheme
- Following 2015 permit changes become a multi-authority scheme





#### **Build Back Better**

"High quality infrastructure is crucial for economic growth, boosting productivity and competitiveness."

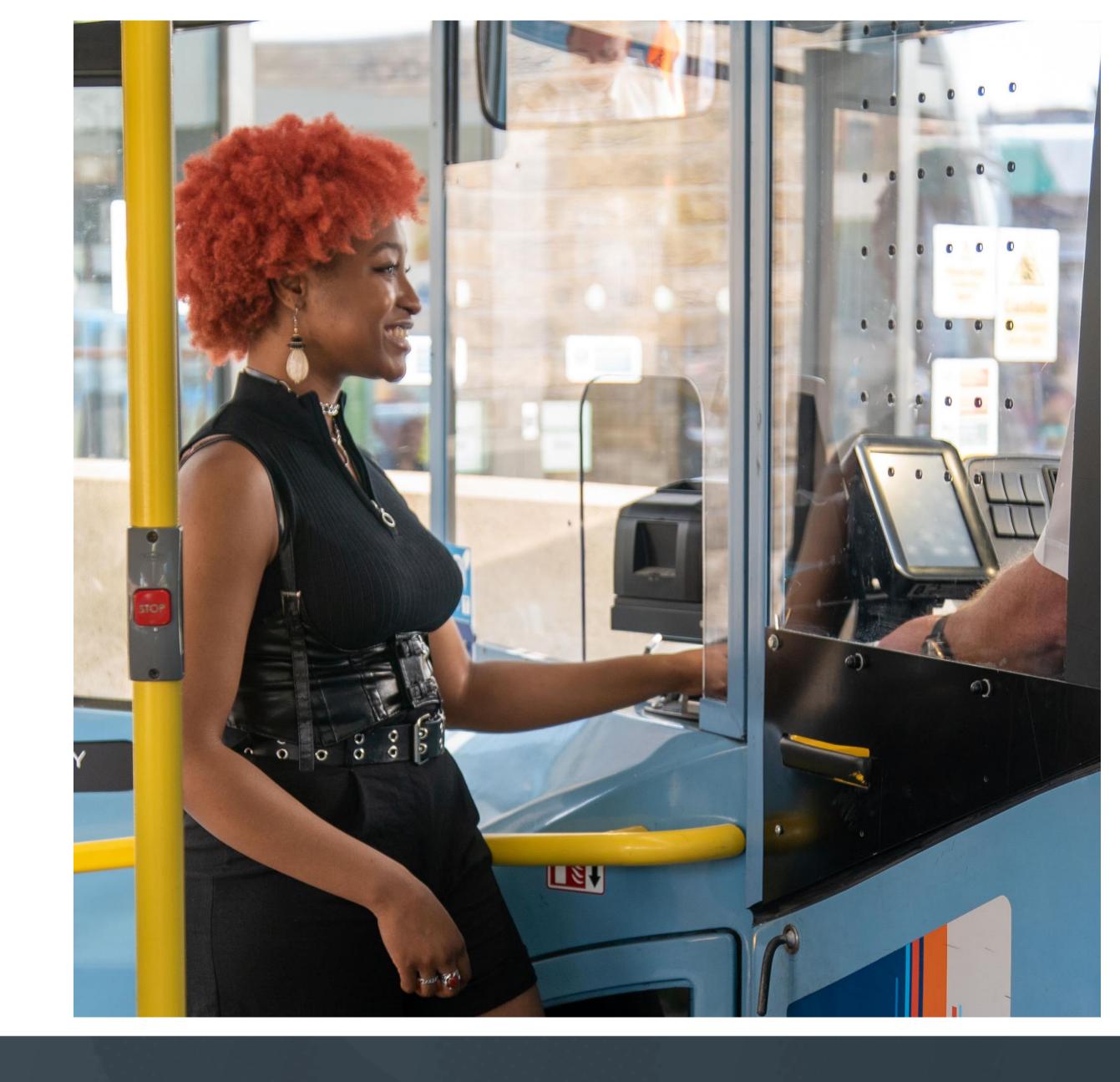
"Well-developed transport networks allow businesses to grow and expand, enabling them to extend supply chains, deepen labour and product markets, collaborate, innovate and attract inward investment."

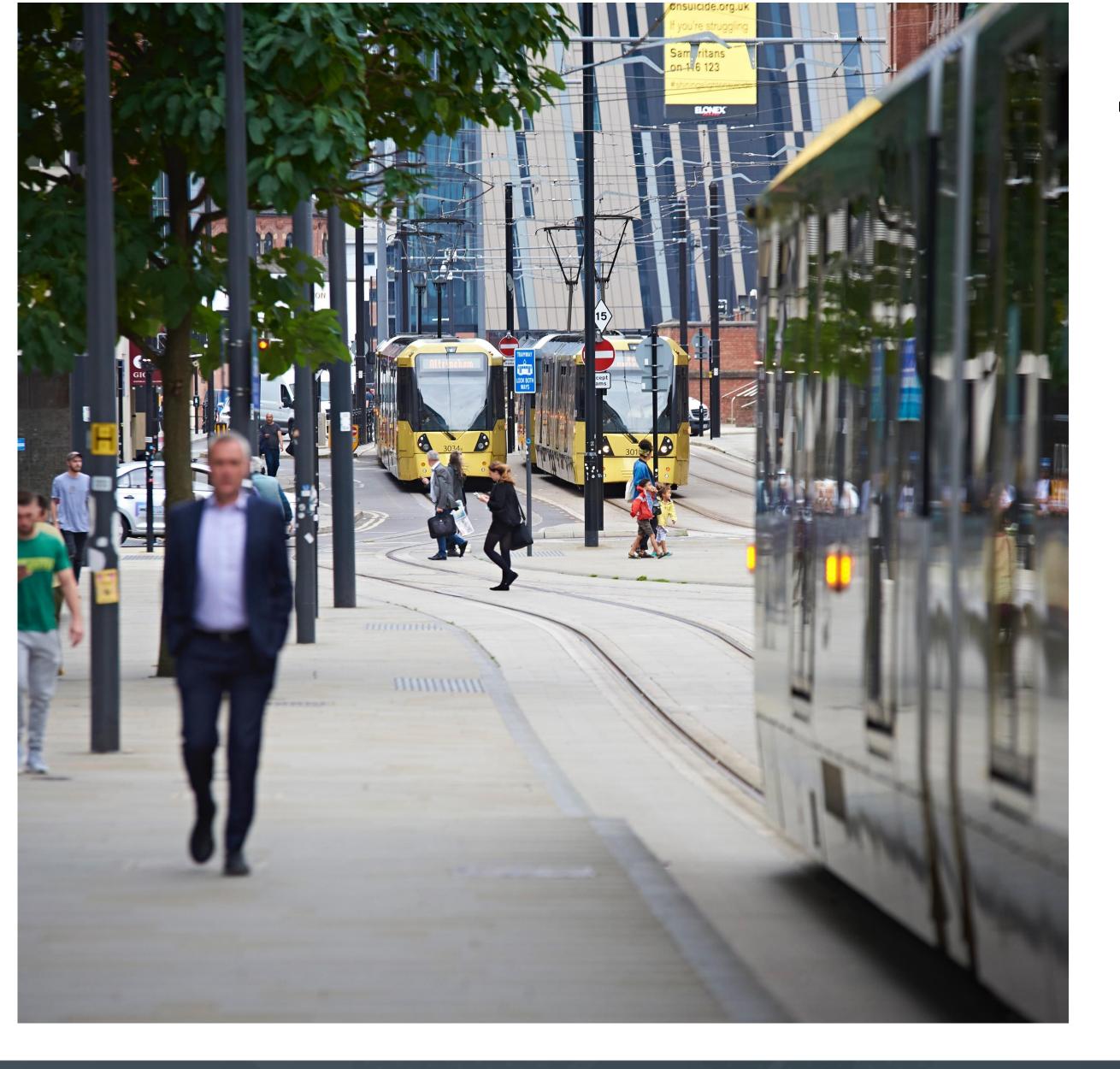


## City Region Sustainable Transport Settlement

CRSTS £5.7 billion investment in local transport networks for 8 city regions.

Greater Manchester £1,070 million





#### The Bee Network

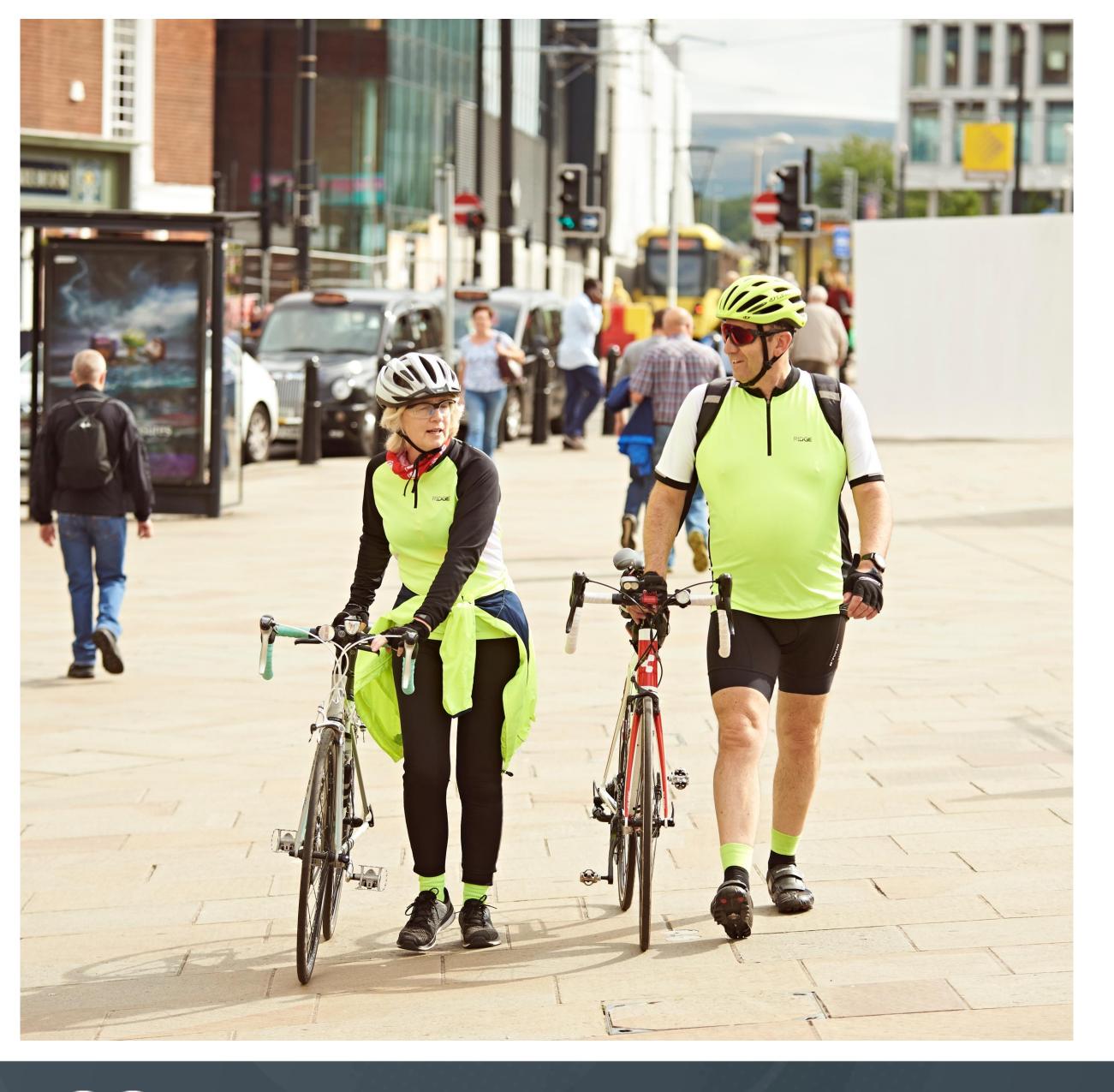
Bus franchising

200km of bus route improvements

260+ Active Travel schemes

300km KRN treatment

500 structures to be maintained on KRN



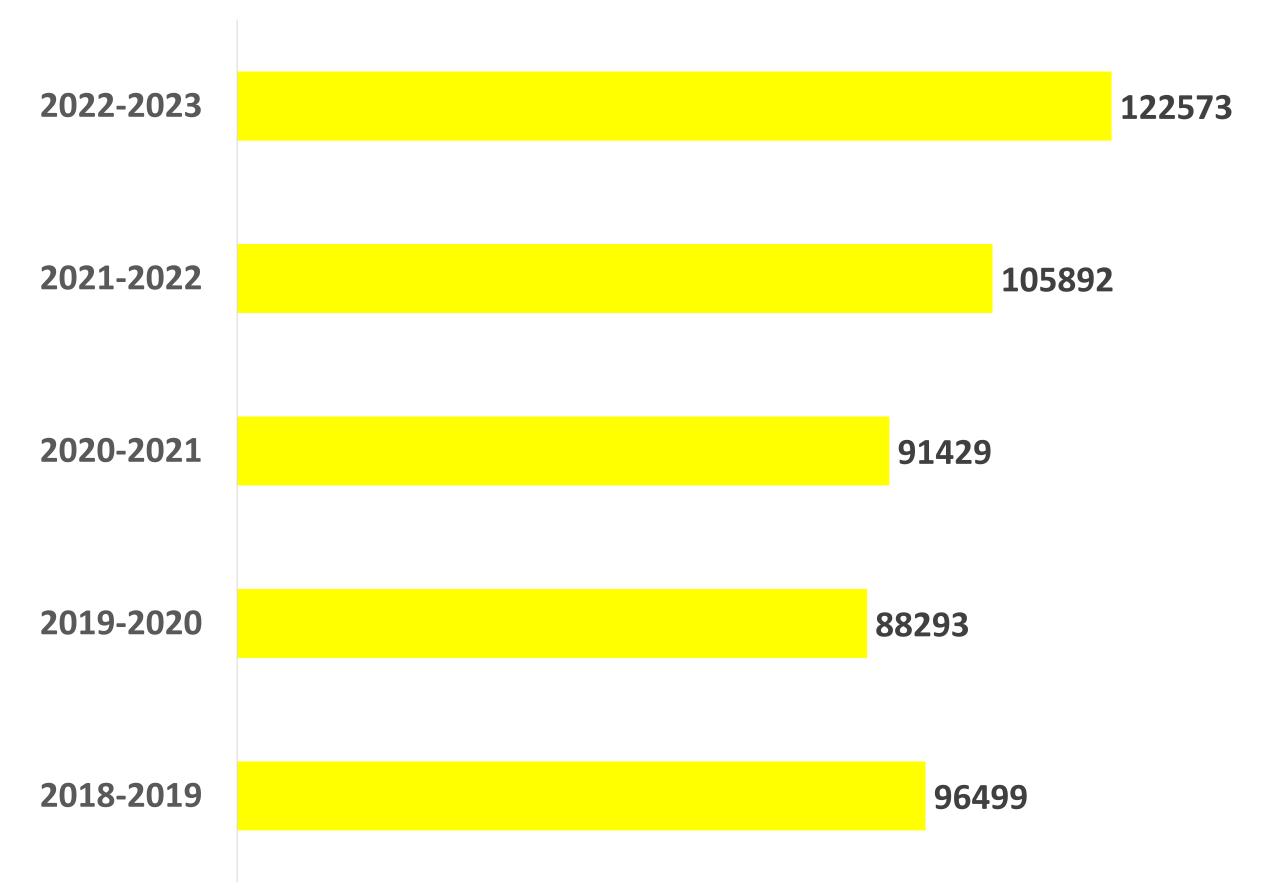
#### Greater Manchester

- 171 km of Motorways
- 1240 km A & B Classified roads
- 2,400 sets of signals
- Population of over 2.8 million people
- 4.8 million trips by car, LGV & HGV
- 100 km of tram journeys
- 450km bus journeys
- 100 km cycle trips



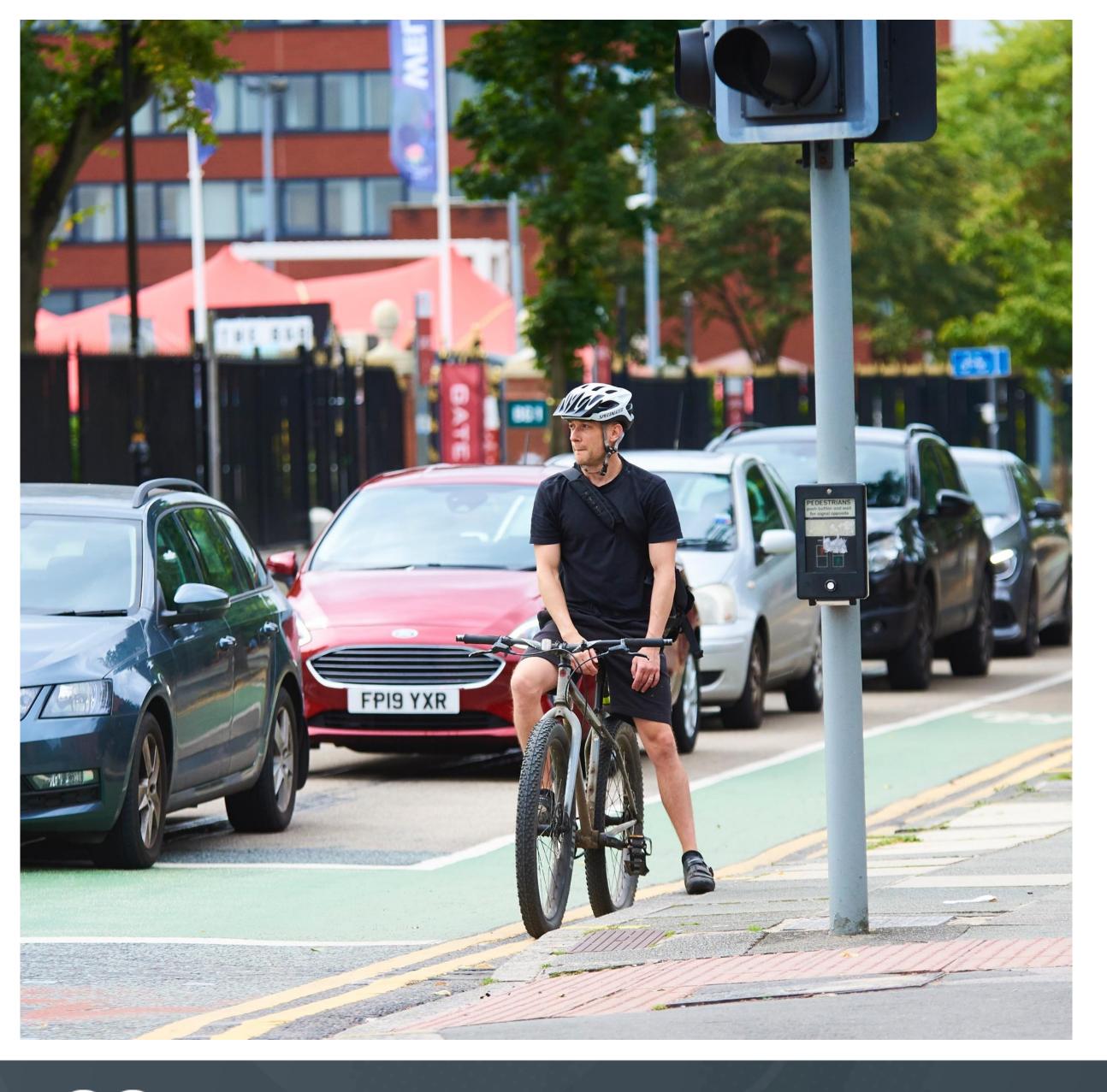
#### Co-ordination of works



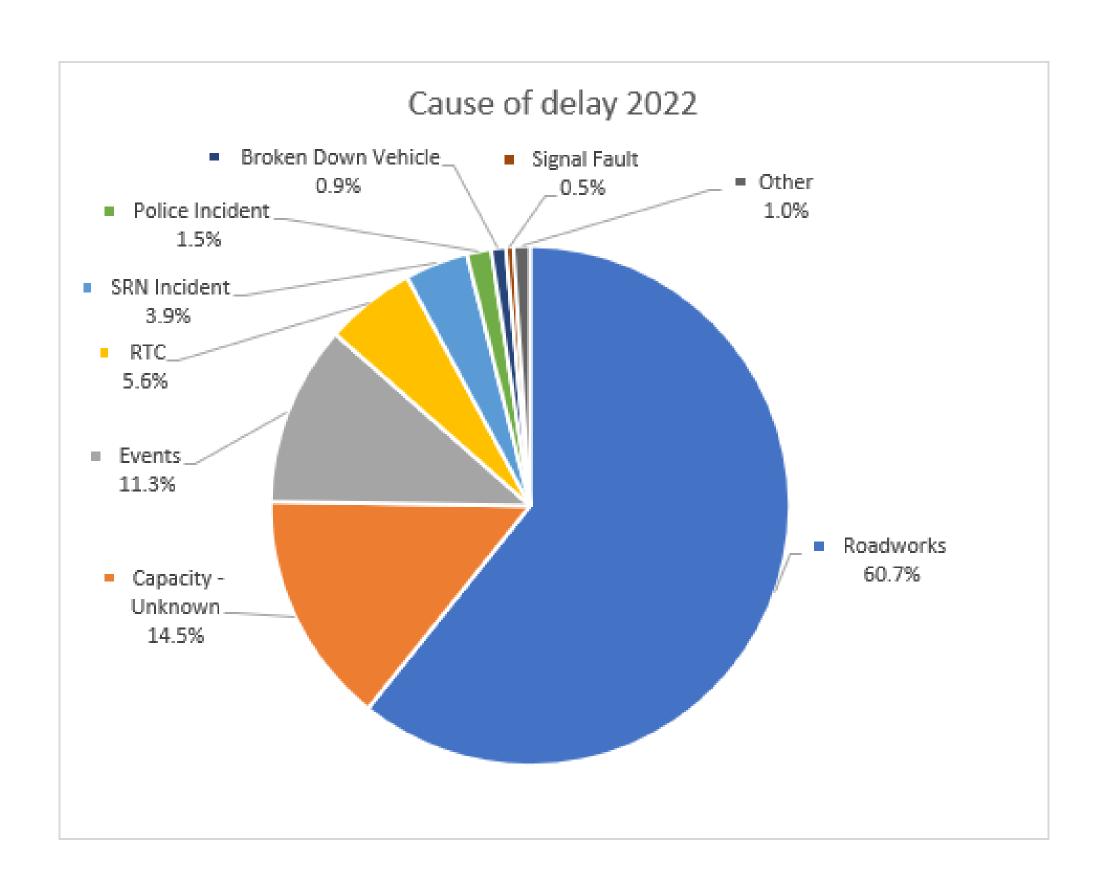




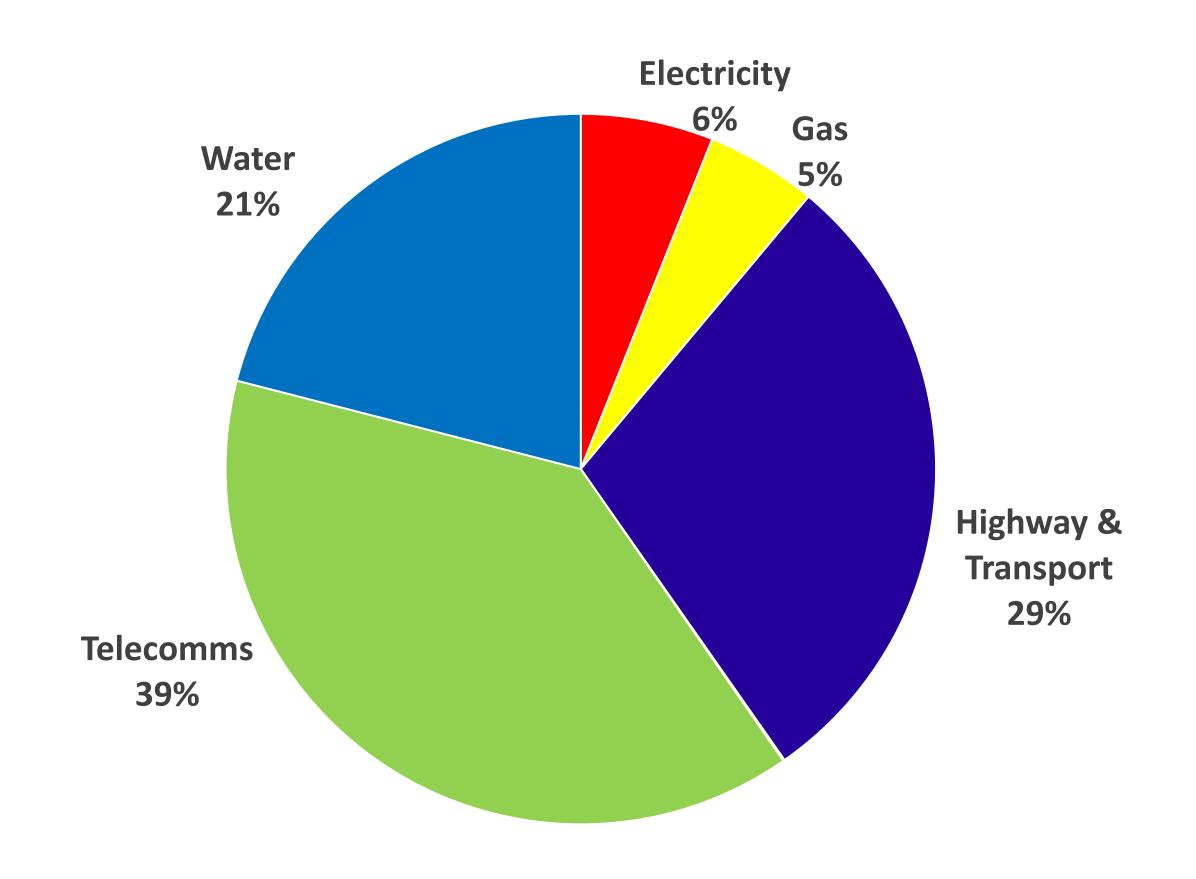




#### Cause of delays



### Industries of highway works 2022-2023





#### Can anything be done?

- Active Travel Schemes
- Public Transport
- Network monitoring
- Corridor Management
- Development of co-ordination software
- Travel signal upgrades



### Thank you

