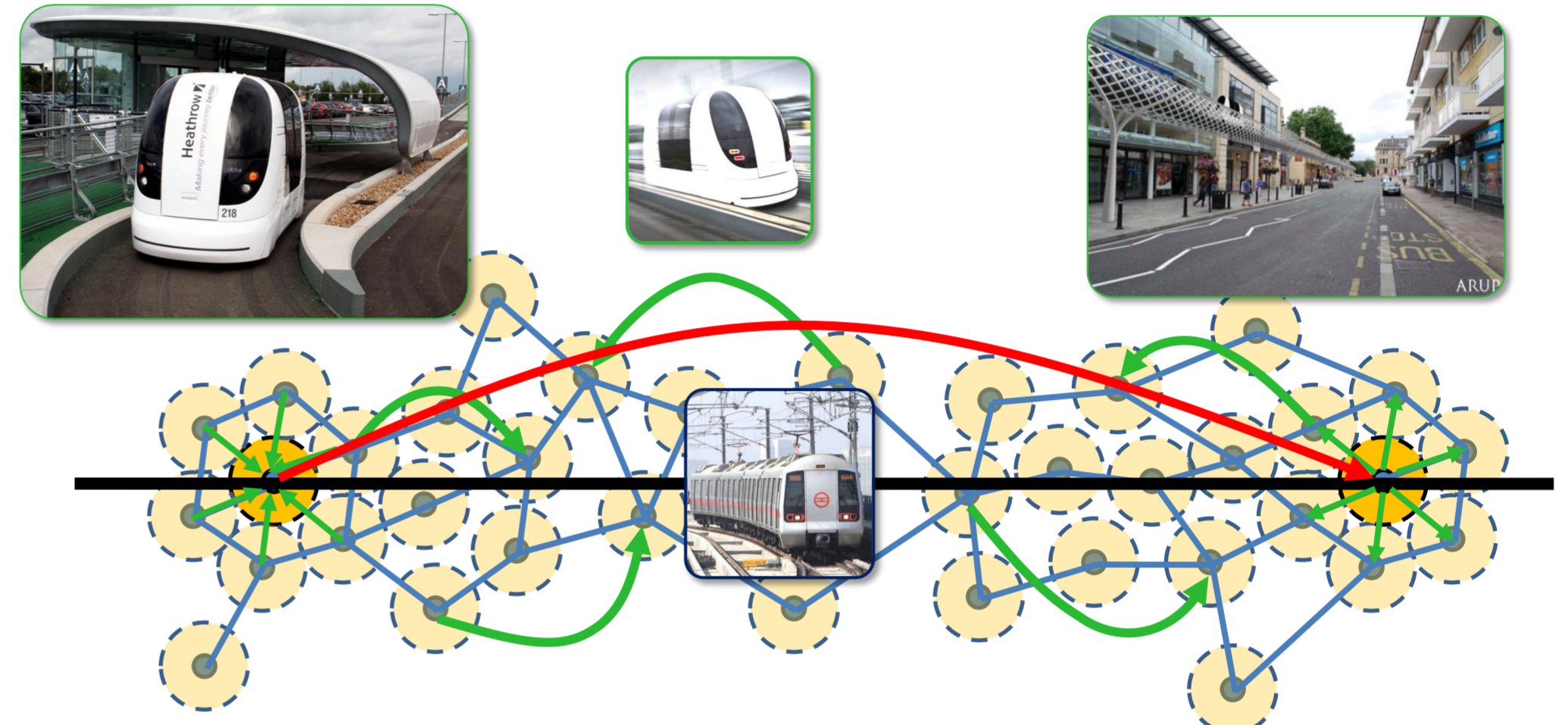
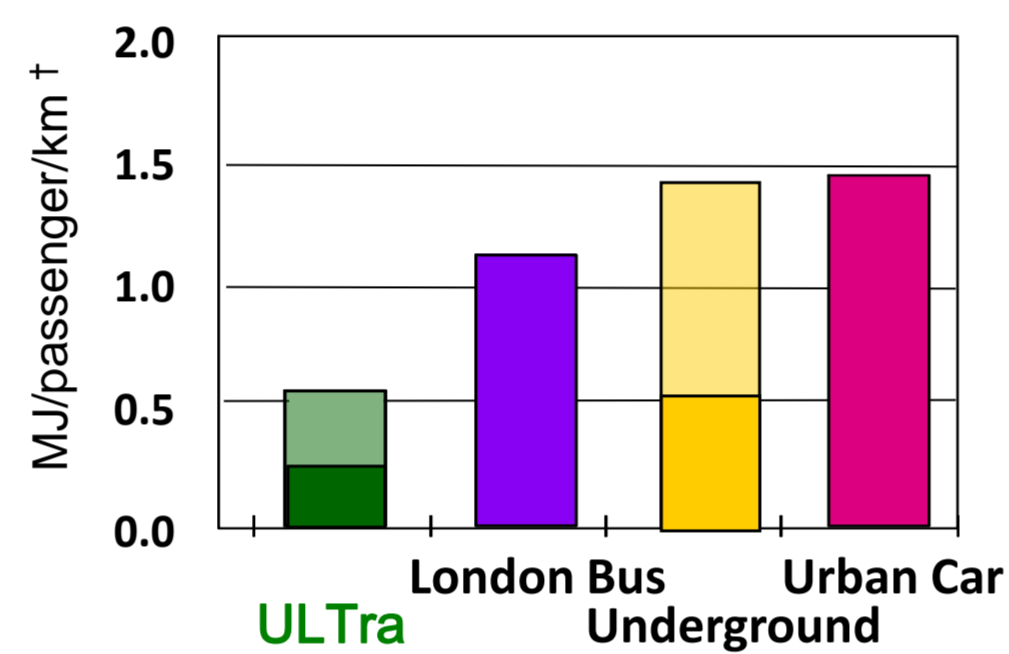
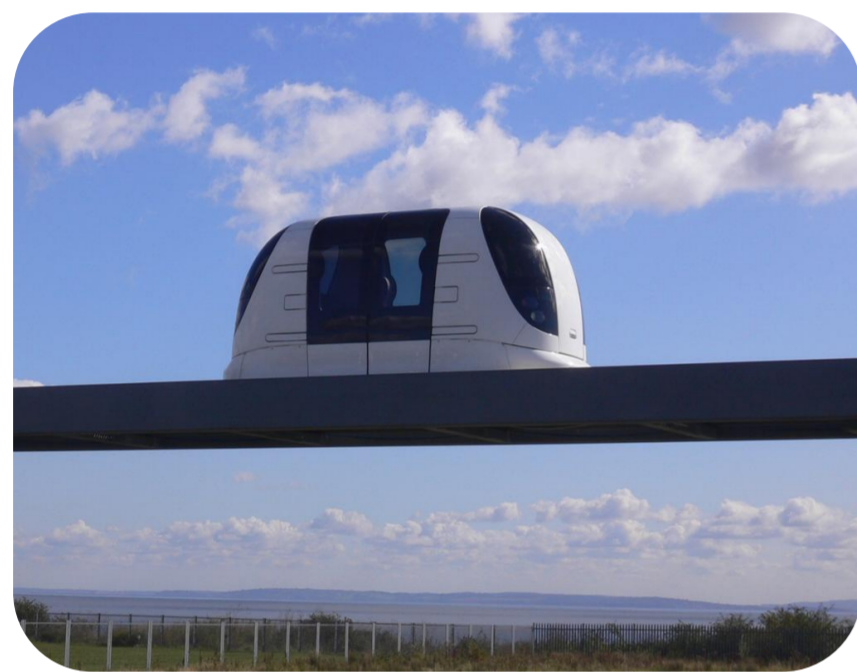


Personal Rapid Transit (PRT) is a new public transport mode that is more effective, more convenient and more sustainable than the car. It provides on-demand travel with compact, computer-guided vehicles on dedicated guideways. The University of Bristol is a world leader in PRT research, and Bristol spin-out *ULTra PRT* will open the world's first PRT system at London Heathrow this year.

Personal Rapid Transit

- Compact, computer-guided, battery-electric vehicles carry individuals or small groups directly and on-demand between pairs of stations on a dedicated network of special-purpose guideways.
- Low energy use, low external noise, no on-site emissions, slim guideways with low visual intrusion.



- Works with existing mass transit to increase ridership and efficiency of the whole system by connecting transit hubs into a network of PRT stations – short trips by PRT, long trips by mass transit.

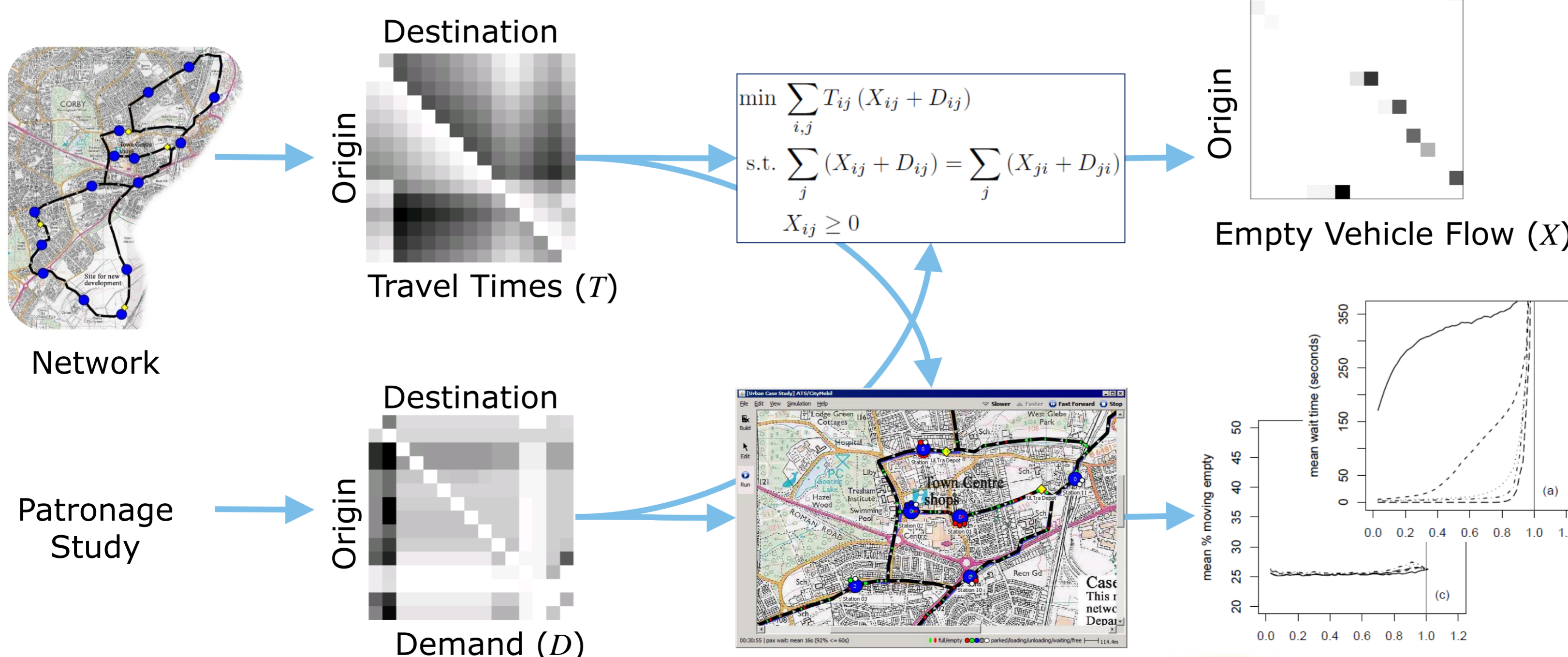
World's First at Heathrow Terminal 5



- 3 stations, 21 driverless vehicles, 4km of guideway.

- Now in final test phase and carrying T5 staff daily.

Behind the Scenes



- Network design
- Fleet sizing
- Capacity analysis in the fluid limit
- Online empty vehicle redistribution algorithms
- Service levels and operating costs