

Citizens Assembly Oxford

Llewelyn Morgan

Oxfordshire County Council

Transport In Oxford

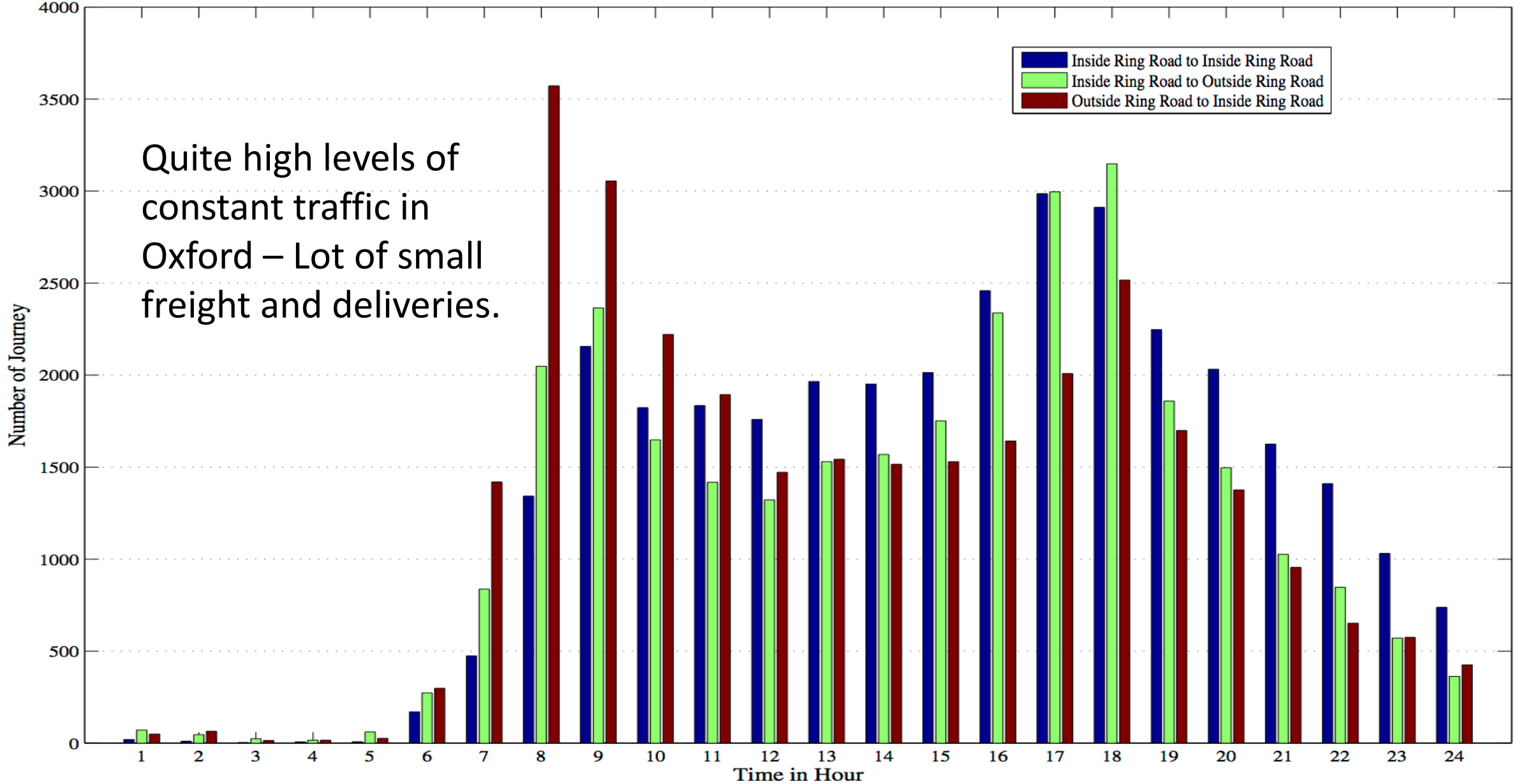
Transport
Responsible
for 27% CO2 in
UK
Est. 17%
Oxford

45000+
Cars into
Oxford in
peak hrs

40% trips through
traffic

2nd highest level of
Cycling in UK

Oxford vehicle trip patterns

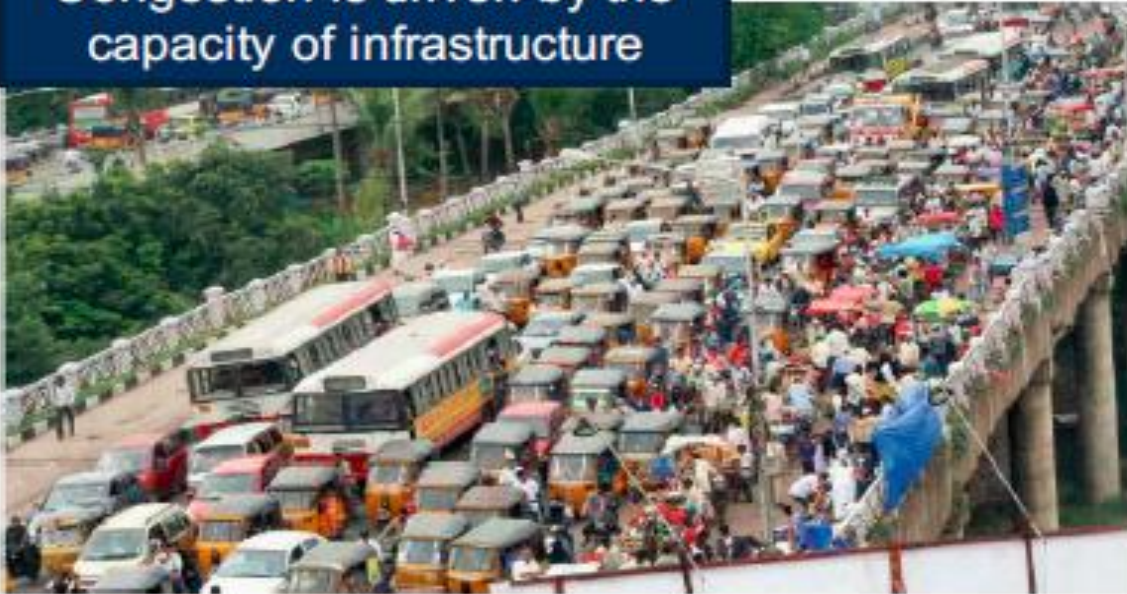


Mode Split Journey To Work

Mode to work is very dependant on the location

Area	Private motorised vehicle			Mass transit			Walking & cycling		
	2001	2011	% Change	2001	2011	% Change	2001	2011	% Change
City Centre	14,663	12,126	-17	11,627	11,955	3	9,944	12,254	23
Eastern Arc	24,087	27,362	14	3,211	5,062	58	7,611	10,856	43
North Oxford	3,533	3,143	-11	986	1,040	5	1,294	1,423	10
Total	42,283	42,631	1	15,824	18,057	14	18,849	24,533	30

Congestion is driven by the capacity of infrastructure

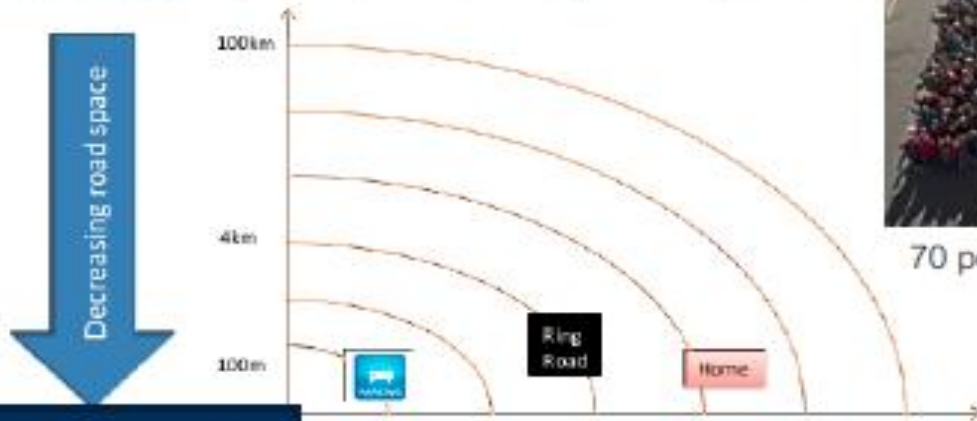


Capacity and modal density influences way a system works

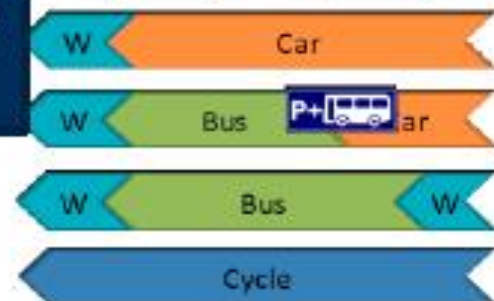
Transport density varies dramatically



70 people travelling by bus, bicycle and car



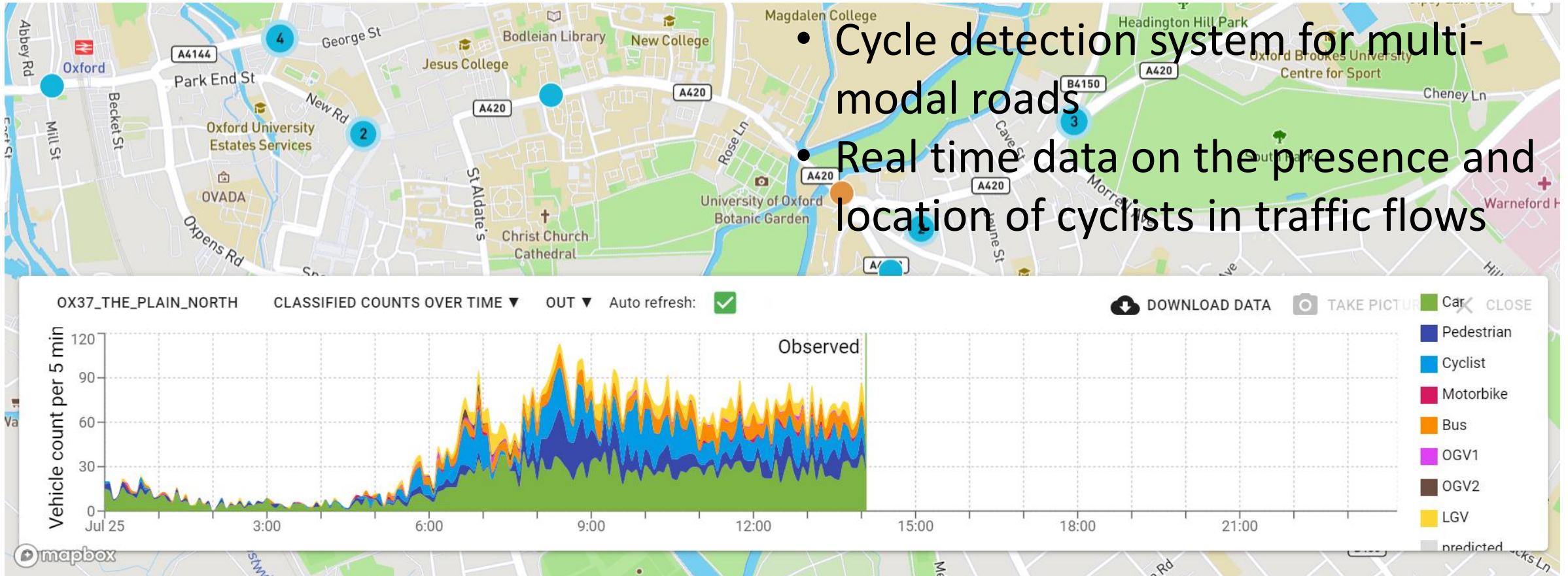
Higher density transport in the "last mile"



The way we move around in cities is defined by the underlying Capacity of all forms of modality which defines the ease of travel within a city



Better data to inform better decisions





v2 Go!

- Demonstrate business case of V2G in commercial fleets and benefits in terms of environmental and energy outcomes
- 3 year, £4.1M Innovate funded project
- 300 Fleet Vehicles
- 100 V2G Chargers/Vehicles



Electra

- Development of a smart charging infrastructure system allowing EV users to access a "Airbnb style" system for charging
- 1 year, £0.59M Innovate funded project
- Hardware and software development





VPACH

- £9.7m project
- 9 Local Authorities
- 1200 charge points (50-100for Oxfordshire)



Park n'Charge

- Full scale pilot
- £5.2m Project
- 300 Charge points across 30-35 car parks acting as community hubs



What if transport



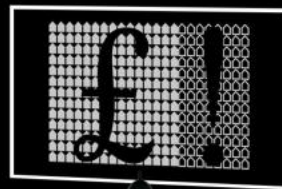
recruitment crisis



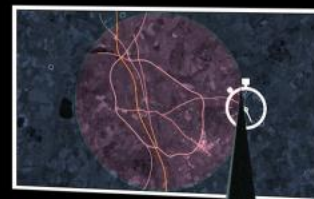
cityscape



air pollution



affordabil & housing



connectivity



congestion