

Climate change, transport & city sprawl

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Fun facts about me



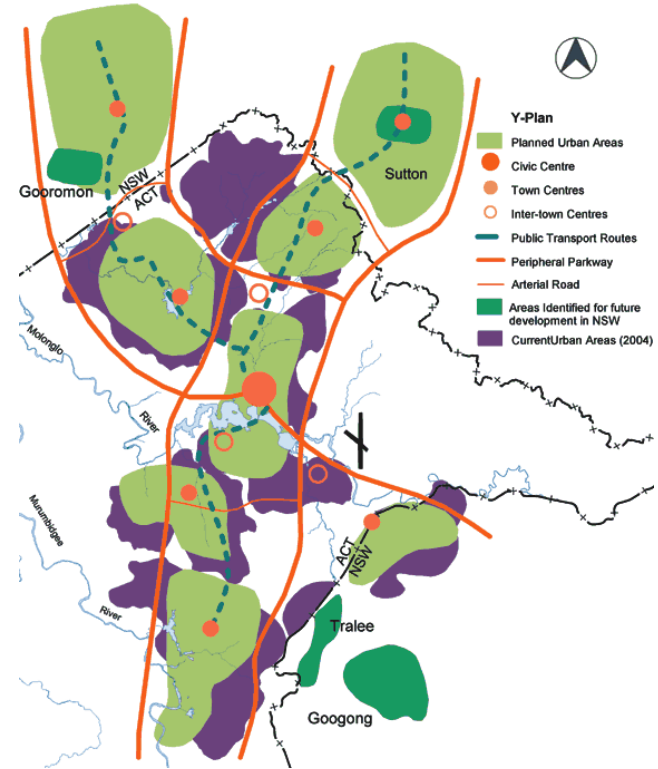
- Elected to ACT Parliament 2020
- Recycling
- Climate change
- Writer & Lego Sculptor
- Discussion paper, law change, bus motion, path audit, 2 inquiries, electric fleet, questions



Fun facts about Canberra



- Original vision of Canberra was a modest urban footprint of the Inner North and Inner South with lots of medium density terrace housing & apartments serviced by a network of trams
- What we got was sprawl e.g. Y-Plan – 1960s
- National Capital Development Commission (NCDC) was a fan of low density, extreme urban sprawl, everyone driving everywhere and didn't think much of activated streetscapes or public transport
- Biggest houses + smallest families
- Similar urban footprint to Sydney but ~1/10th people ~37km Bonner to Banks (North to South) and ~22km Fyshwick to Macgregor (East to West)
- 580,000 by 2040
- Congestion growing 3x faster than other mainland cities



Carbon footprint of Canberra's transport

- 60% tracked CO₂e from transport
- 10% total footprint = car
- Save 1.6 tonnes CO₂e with EV



- Housing crisis
- Planning Review, Trees, Territory Plan
- Social equity, schools, suburbs, services & housing
- IPCC say targeted infilling, transport corridors, non-motorised transport, co-locate jobs & housing, electrify



Active Transport



- 2026 target of 7% cycle to work (but only 3% now)
- Footpaths and shared paths
- Speed, Priority, \$, Programs
- Gender, Age & Disability



- 4.6% journeys by bus
- Light Rail – 30% of commuters on Northbourne in AM peak are taken by just 20 LRVs
- >43% of people surveyed on the Light Rail had never used public transport before
- Aging population



The car is king (but I'm a republican)



- Goal? Fewest cars, all EV
- Congestion costs \$289m in 2016 up to \$504m in 2031
- Roads costs - ~\$1.3b in duplications & widenings between 2020-2040
- \$93.3m to duplicate Athlon drive



- Light Rail Disruption
- New work habits - Covid & flexible work
- New options – e-scooters, e-bikes, rideshare, automated cars
- Cost of living & petrol/diesel prices



- Where do we put the people?
- How do we reduce emissions?
- How to deal with climate change already locked in?
- What kind of world do we want?

