



# PERTH, AUSTRALIA:

How one of the world's most car-centric cities is developing plans for a network of safe cycling infrastructure



# PERTH, AUSTRALIA

Recreational cycling dream...













# PERTH, AUSTRALIA

Utility cycling nightmare (of sorts)...













# SUBURBAN SPRAWL

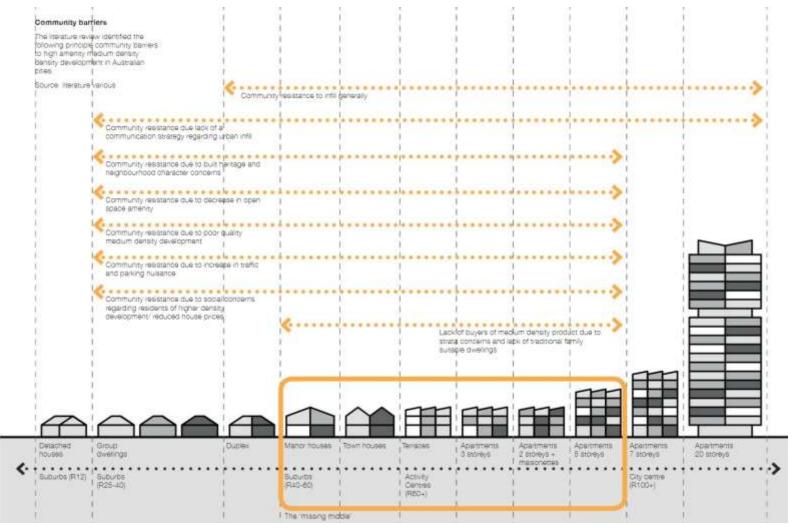
The West Australian dream...







## **URBAN DENSITY 'MISSING MIDDLE'**



Source: Australian Urban Design Research Centre (AUDRC 2018)



Department of Transport





# **URBAN DENSITY 'MISSING MIDDLE'**

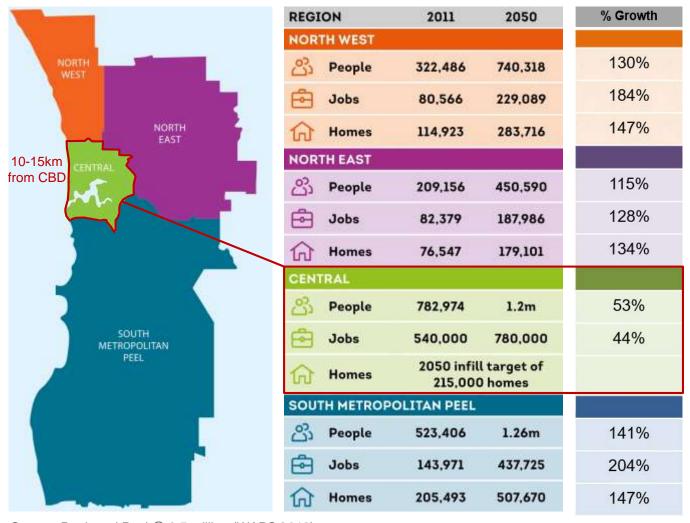








## PERTH MUST CHANGE

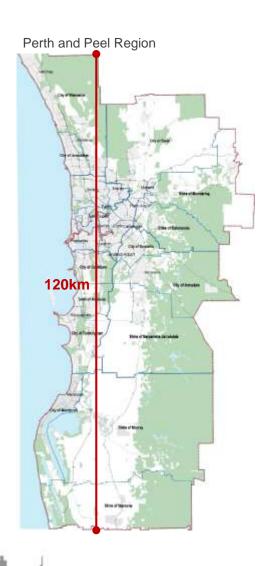


Source: Perth and Peel @ 3.5 million (WAPC 2016)





## LONG TERM CYCLE NETWORK PROJECT



### **Project Objective**

To agree the aspirational Long Term Cycle Network (LTCN) for the Perth and Peel Region.

### **Project Overview**

- 2yr project led by the WA State Department of Transport (DoT)
- Consultation with all 33 Local Government Areas (LGAs) that form the Perth and Peel Region.
- State and Local Governments to agree a long term aspirational cycle network for the region.
- To provide a network of safe and attractive routes:
  - Provide continuous routes along major corridors
  - Establish links between activity centres, PT services and key land uses (employment, education, civic, recreation).





### LONG TERM CYCLE NETWORK PROJECT

### **Project Focus**

- LTCN route identification
- LTCN route hierarchy categorisation



#### Function

Primary routes are high demand corridors that connect to major destinations. They provide highquality, safe, convenient (and where possible

These routes are conducive to medium or long distance commuting/utility, recreational, training and tourism trips.

#### Form

Primary routes are high-quality cycle only or shared paths, located adjacent to major roads, rail corridors, rivers and ocean foreshores.

Where the environment allows, these are in the form of a Principal Shared Path (PSP). A PSP is a fully lit and separated facility. In locations where vehicles have been grade separated the cycle route will also be grade separated. PSPs are to be designed in accordance with the WA Transport Portfolio's PSP Policy.



#### Function

Secondary routes have a lower demand than primary routes, but provide similar levels of quality. safety and convenience.

shopping precincts, industrial areas or major health, education, sporting and civic facilities.

#### Form

Secondary routes can take on a number of forms and are designed to suit the environment in which they are located.

#### These forms include:

- High-quality shared paths;
- Bi-directional protected bike lanes;
- Protected on-road bike lanes; and
- Safe Active Streets (Bicycle Boulevards).

# LOCAL ROUTE

#### Function

Local routes are low demand and are predominantly

SO UGLY!

#### Form

Local routes can take on various forms depending on the environment in which they are located. These forms include:

- Shared paths:
- Bi-directional protected bike lanes:
- Protected on road bike lanes; and
- Safe Active Streets (Bicycle Boulevards).







# PRIMARY ROUTES (THE GOOD)









# LOCAL ROUTES (THE NOT SO UGLY)













# SECONDARY ROUTES (THE BAD)





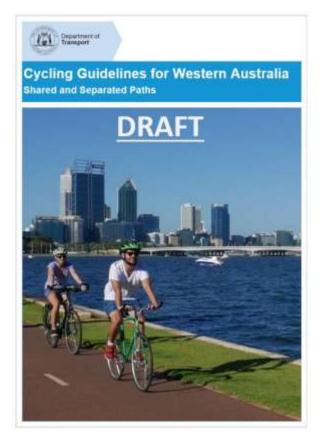




### HOW ARE WE WORKING TO MAKE THINGS BETTER?

DoT are developing plans for a network of safe cycling infrastructure:

- <u>LTCN Project</u> one vision, one network to work towards
- AAA Infrastructure "All Ages & Abilities" infrastructure
- New Guidelines for Shared Paths AND Cycling within LATM Schemes









## FUTURE LOOKING BRIGHTER

- Record levels of investment in cycling across WA
- State Government overseeing \$134M (84.5M Euro) investment over 4 yrs
  - Building 90km of new bike paths across the Perth and Peel Region
- State Government delivering \$10M (6.3M Euro) Adventure Trails Initiative
  - Building 100km of mountain biking trails in Wellington National Park

Hopefully leading to meaningful change, which my children will benefit from...











# **THANK YOU**



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