New Zealand & Auckland Context
Aotearoa/ New Zealand

Population
4.6 million people
31.1 million sheep

Area
268,021 square km
Roughly 60% of the size of California.
Tāmaki Makau Rau/
Auckland

Population 1.5 million or 33% of New Zealand’s population

Projected to reach nearly 2 million people by 2031

Projected to have 60% of New Zealand’s entire population growth to 2041

Area: 4,894 square kilometres. 1,102.9 square kilometres urbanised.

Unitary City: One local government combines local & regional functions.

Only 1.5 km wide at narrowest point.
Population Growth

[Bar chart showing population growth from 2011 to 2041 for different areas, with Auckland having the highest growth.

Another bar chart comparing Auckland to the rest of New Zealand, showing Auckland with significantly higher population growth.]
1989 – 2010:
• 4 city councils
• 3 district councils
• Regional Council
• Auckland Regional Transport Authority (from 2004)

2010 >
• Auckland Council
• 21 local boards
• Auckland Transport (Council Controlled Organisation)
Auckland City Centre Context
City Centre Growth

Current Statistics

17% of Auckland’s GDP ($13.9 billion)
84,000 People work in the City Centre
68,000 Students in the City Centre
City Centre Growth

Projected Statistics (by 2040s)

- 25-30% of Auckland’s GDP
- 156,000 People will work in the City Centre
- 83,000 Students in the City Centre
Public Transport Growth

City Centre growth has been enabled by public transport over the last decade. It is forecasted to double again from 2016 to 2046.

Surface street capacity is forecast to grow by 0% from 2016 to 2046.
$10 billion of public & private sector investment, mostly along City Rail Link.
Meeting
City Centre
Growth
Meeting City Centre Growth

These projects are being implemented to support City Centre growth:

• New Network
• Bus-Rail integration
• Double Deckers
• Urban Busways
• New Bus Terminals
• Arterial Bus Lanes
• HOP Smart Card Ticketing
• Urban Cycleways fund ($200 million over 3 years)
• City Centre walking (shared space) programme

All these projects are committed.
The New Network

• A total redesign of the entire Auckland bus network to international best practice principles
• Optimised for City Centre bus capacity and efficiency
Simpler Fares

2016

Coming Soon

Implemented August 2016
Rail & Busway Integration

- The New Network was designed to integrate buses with the rail network, utilising capacity from electric trains and the CRL.
- Buses from rail served areas will no longer run to the city, removing many buses from the City Centre streets.
- Only trunk bus routes from non-rail served areas will continue to the City Centre (i.e. Isthmus, North Shore, and Northwest).
Double Deckers

- 43% increase in corridor capacity with improved cost recovery.
- 56 Double Deckers by the end of 2016
New Urban Busways

- **Fanshawe St busway**: extension of Northern Busway corridor to Britomart terminal.
- **Wellesley St busway**: double bus lanes and eight-bay bus stops in each direction to cater for 14 Double Deckers every 120 seconds.
Bus priority corridors

- Wynyard Quarter Terminal
- Britomart East & West Terminals
- Learning Quarter Terminal

Urban Busways
Buslanes
Terminals
Even with all of this investment, major City Centre bus corridors are forecast to be well over capacity without light rail.
Light Rail
Proposed Rapid Transit Network

NOW

First Decade

Second Decade

Third Decade
Links and videos

• Light rail website
  www.at.govt.nz/lightrail

• The Journey – AT connected network story
  https://youtu.be/qkfOtU2HLpM

• Airport and Mangere rail – heavy rail or light rail
  https://youtu.be/8wFJ_1d0hVo

• The build is on – City Rail Link video
  https://youtu.be/S9wVb_jnrL8

• New Network – connected bus network
  https://youtu.be/5wJQumsODNk
Questions?

Darren Davis
Transport Integration Manager,
Light Rail Project

@DarrenDavis10 Darren.Davis@at.govt.nz