



Light Rail

Accessing Central Auckland

9 March 2016

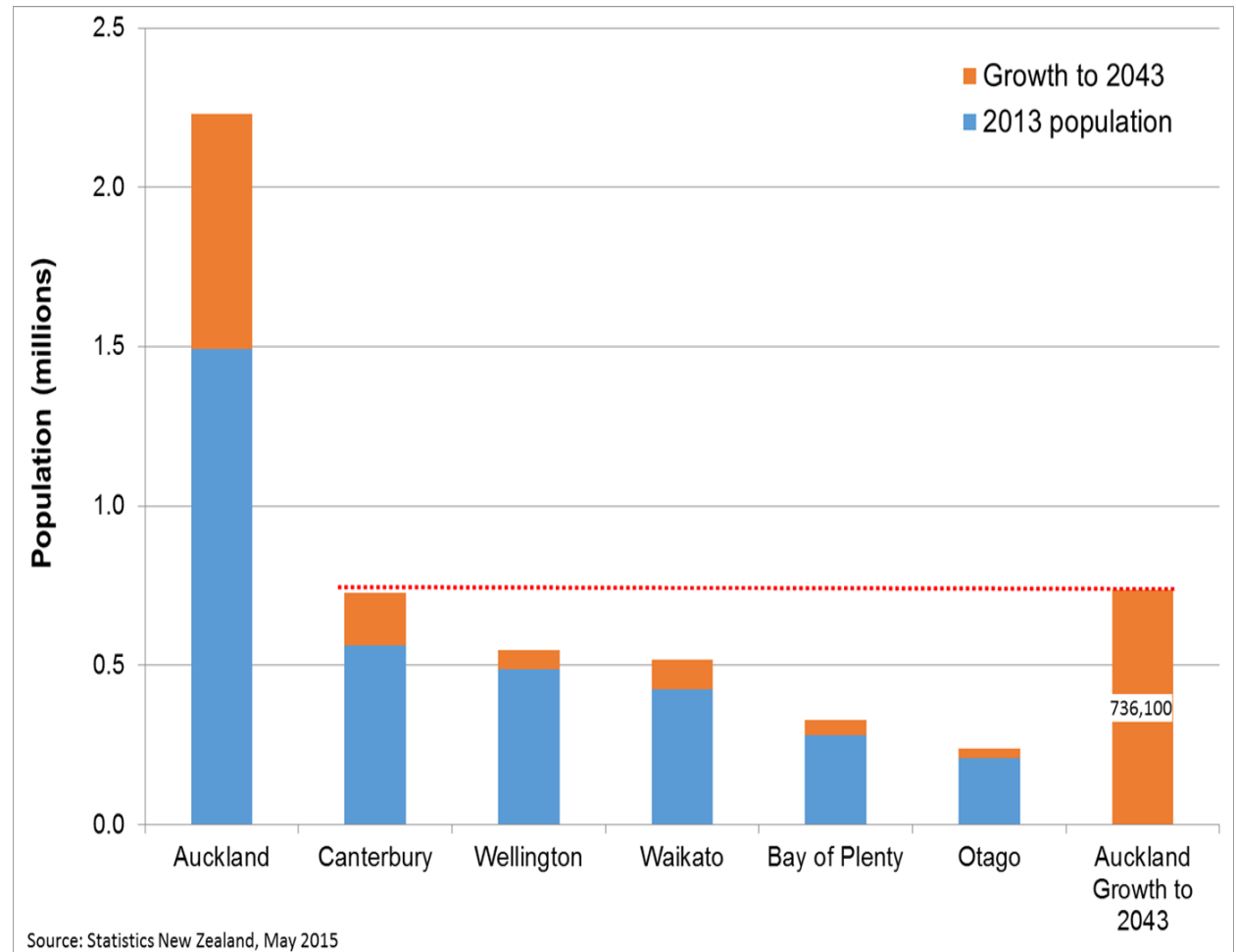
Why is central Auckland Important?



Auckland in 2043 - growth

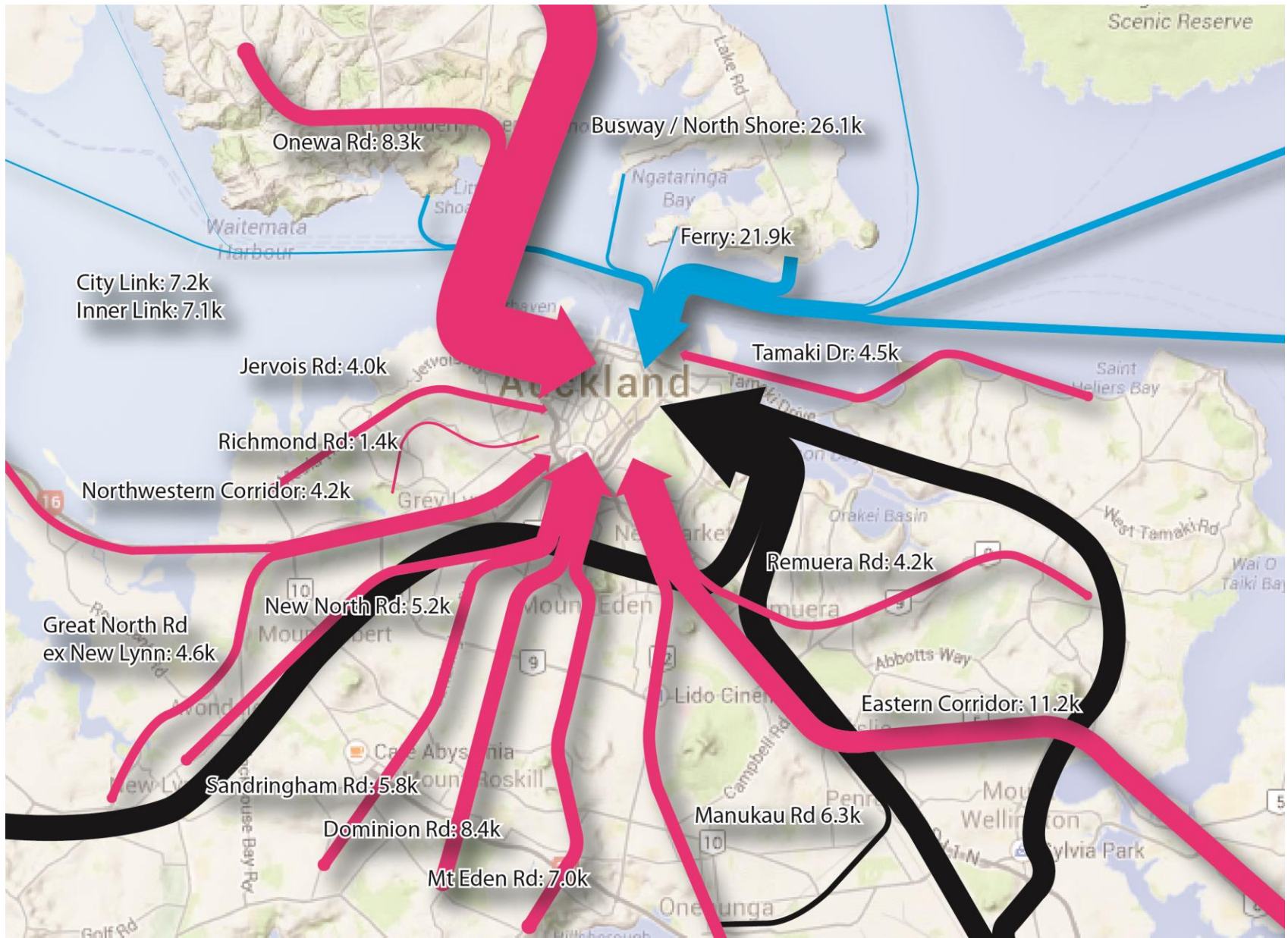
Auckland is pivotal to the social, economic and cultural development of NZ

- 86,000 new jobs in city centre and fringe (Waitemata local board area)
- City Centre student numbers up by 30%
- **City centre producing 25% of Auckland's GDP - currently 17%**
- Auckland contributes 35% to the national GDP

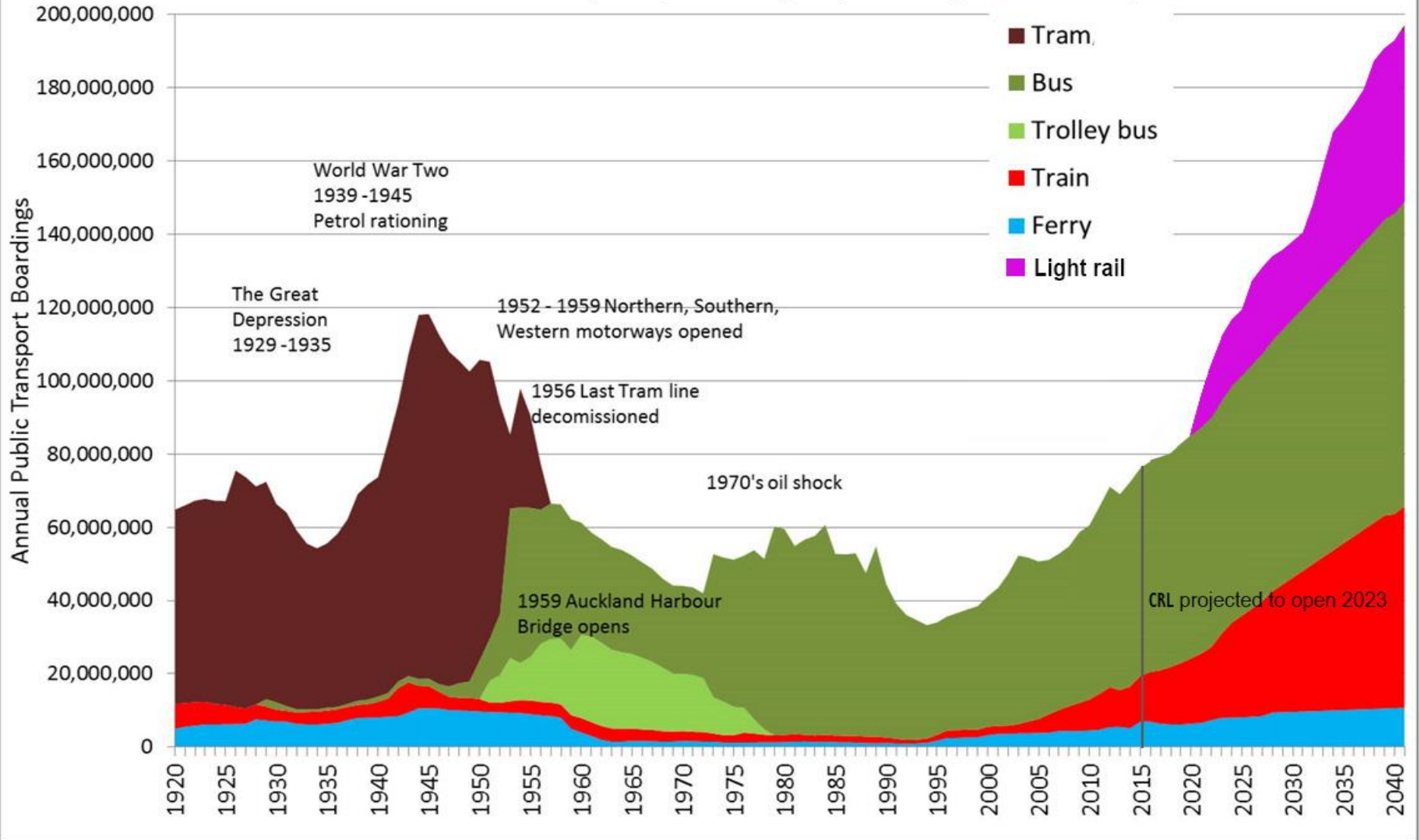


How do we access the city centre?

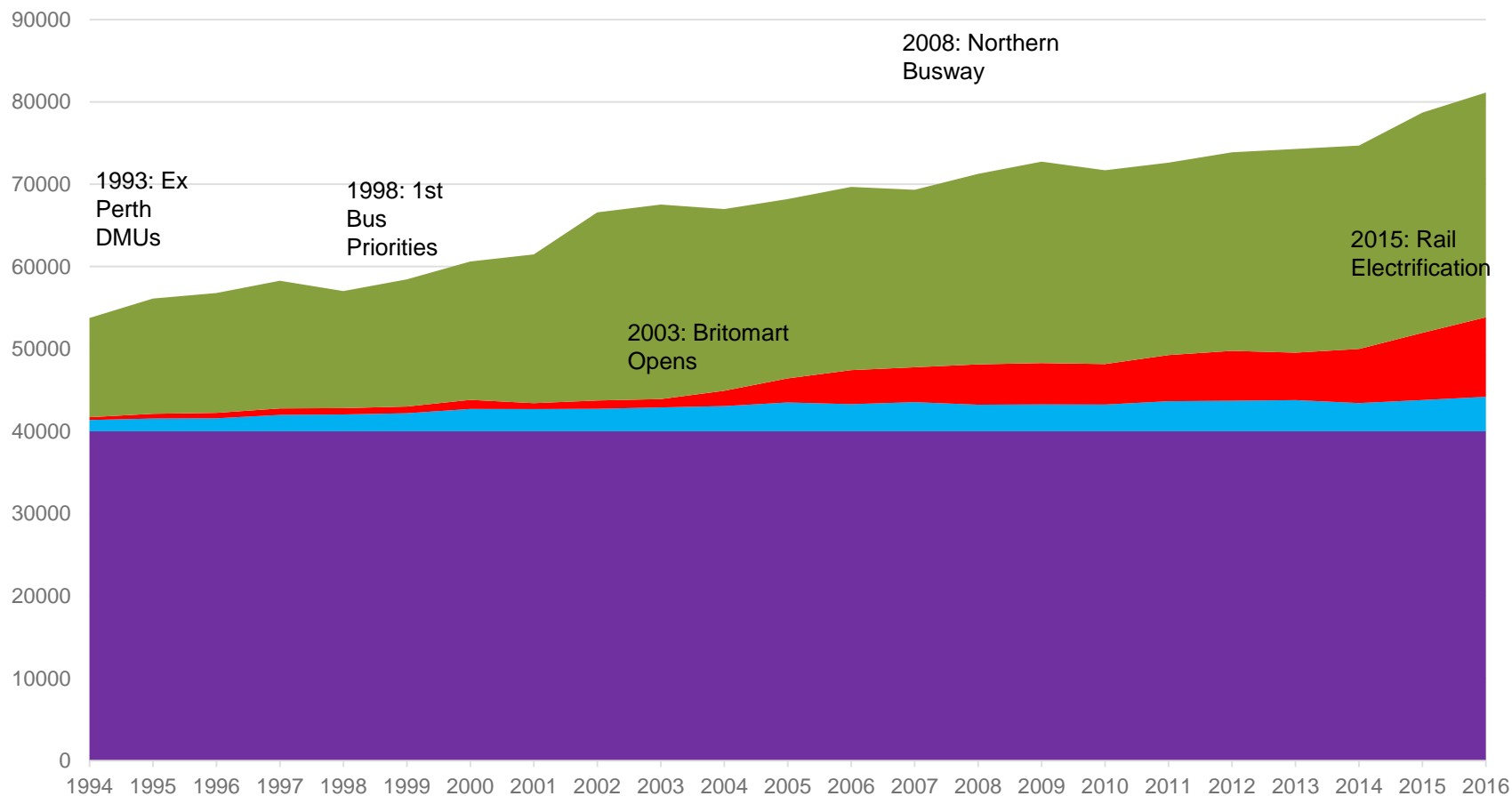




Auckland Public transport patronage by mode (1920 - 2041)

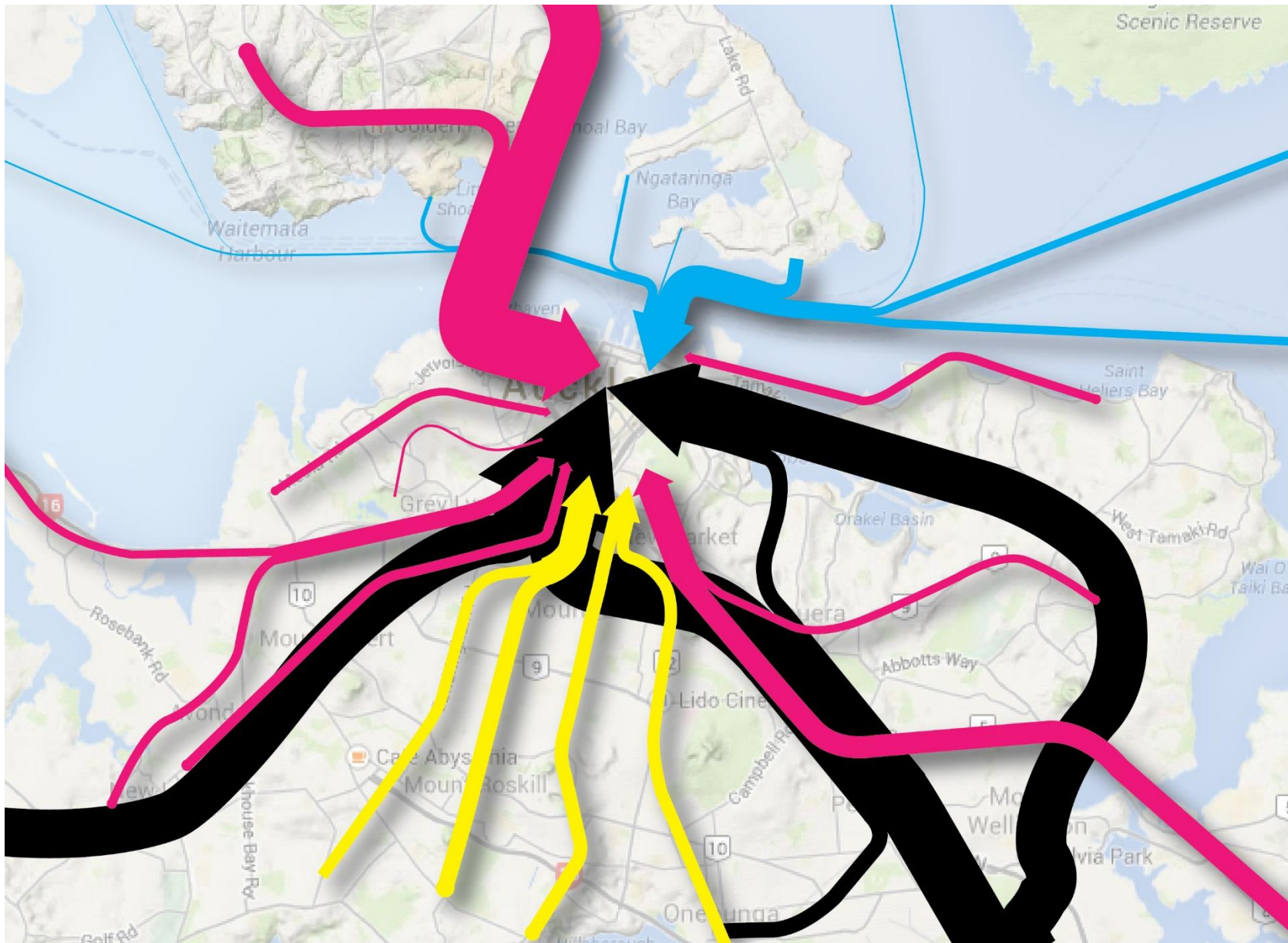


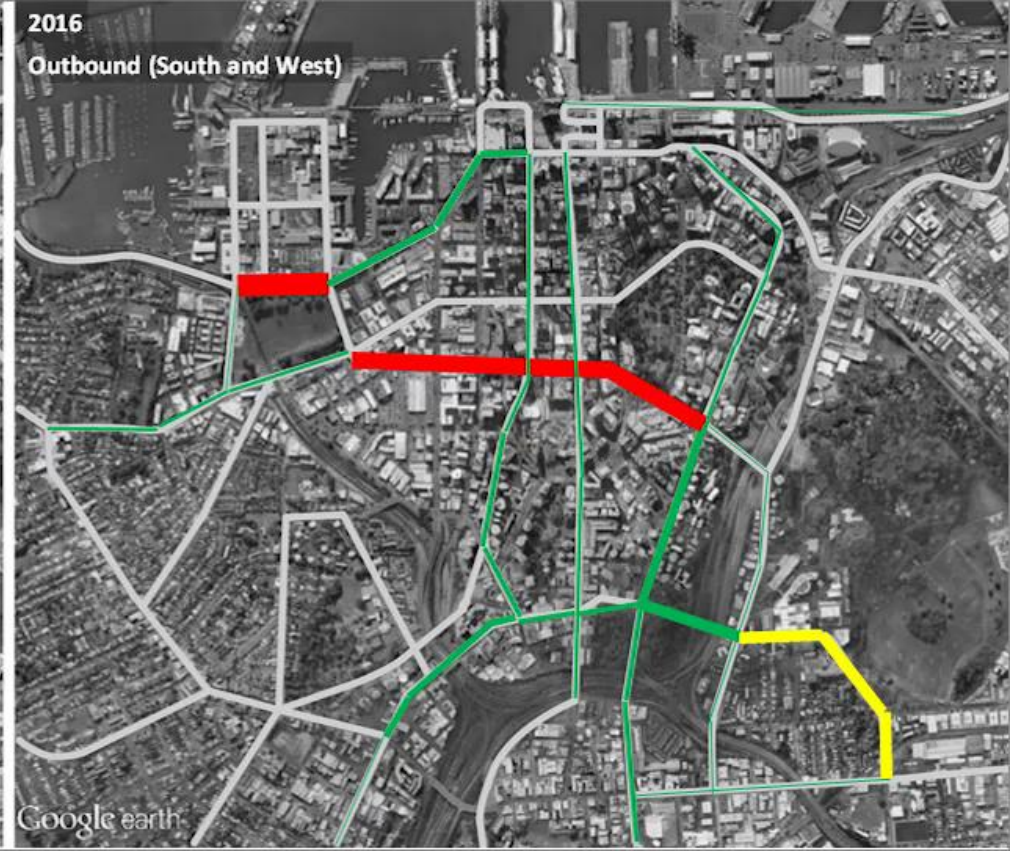
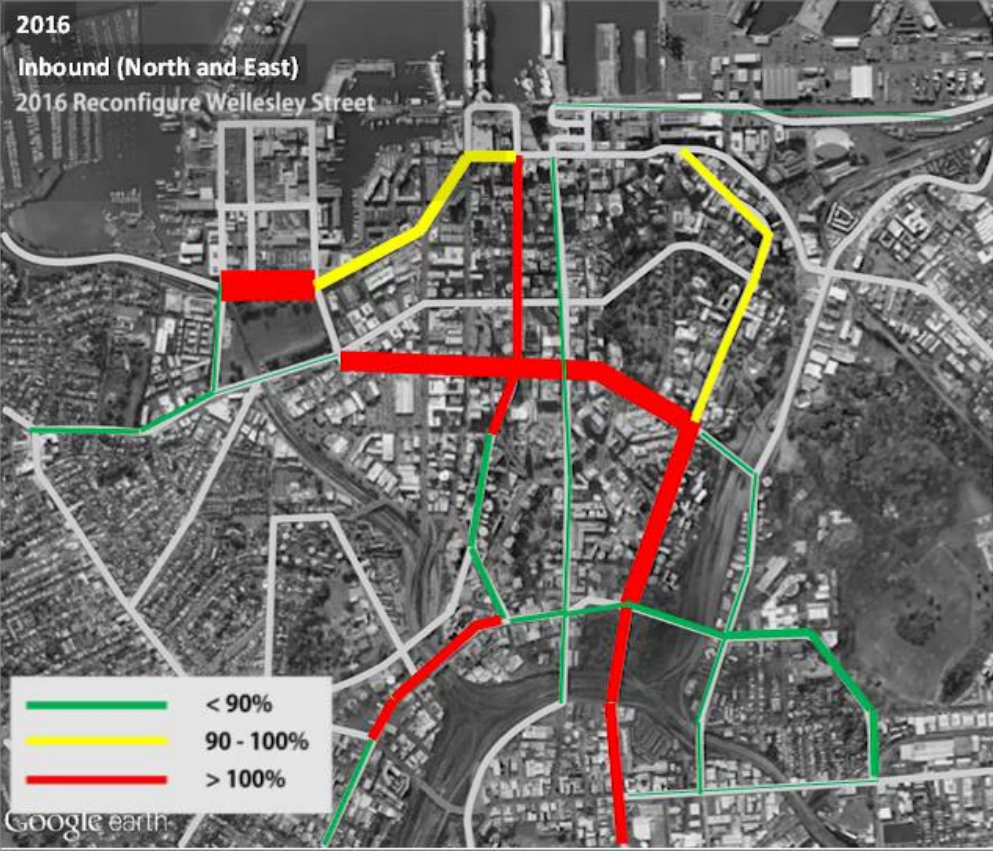
City Centre Peak Transport



What's the problem?







Symonds Street (AM Peak)



Solutions



Options - with MCA scores

Double Decker



0.7

Double Decker with
Underground
Britomart



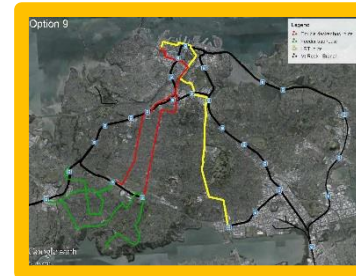
-0.6

BRT



0.7

Mt Roskill Heavy
Rail with Double
Decker and LRT



1.7

Mt Roskill Heavy
Rail with Double
Decker



0.5

LRT - two City
Centre Corridors
plus Remuera Road



2.8

LRT - two City
Centre Corridors



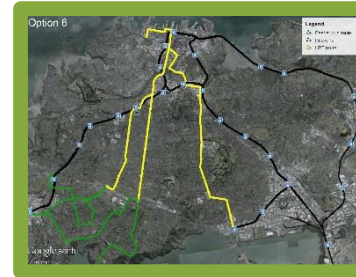
2.8

LRT - one City Centre
Corridor with
Sandringham,
Dominion and Mt Eden



2.5

LRT - one City Centre
Corridor with
Sandringham, Dominion
and Manukau



2.0

LRT - one City
Centre Corridor with
Dominion/Manukau

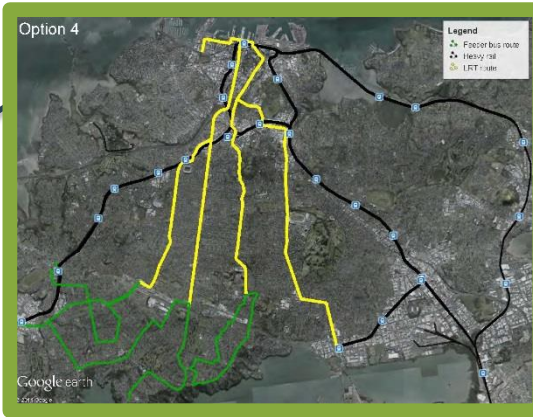


1.9

Options

LRT

LRT - two City Centre Corridors plus Remuera Road



LRT - two City Centre Corridors

LRT - one City Centre Corridor with Dominion/Manukau



LRT - one City Centre Corridor with Sandringham, Dominion and Mt Eden



LRT - one City Centre Corridor with Sandringham, Dominion and Manukau



High Bus Investment - BRT



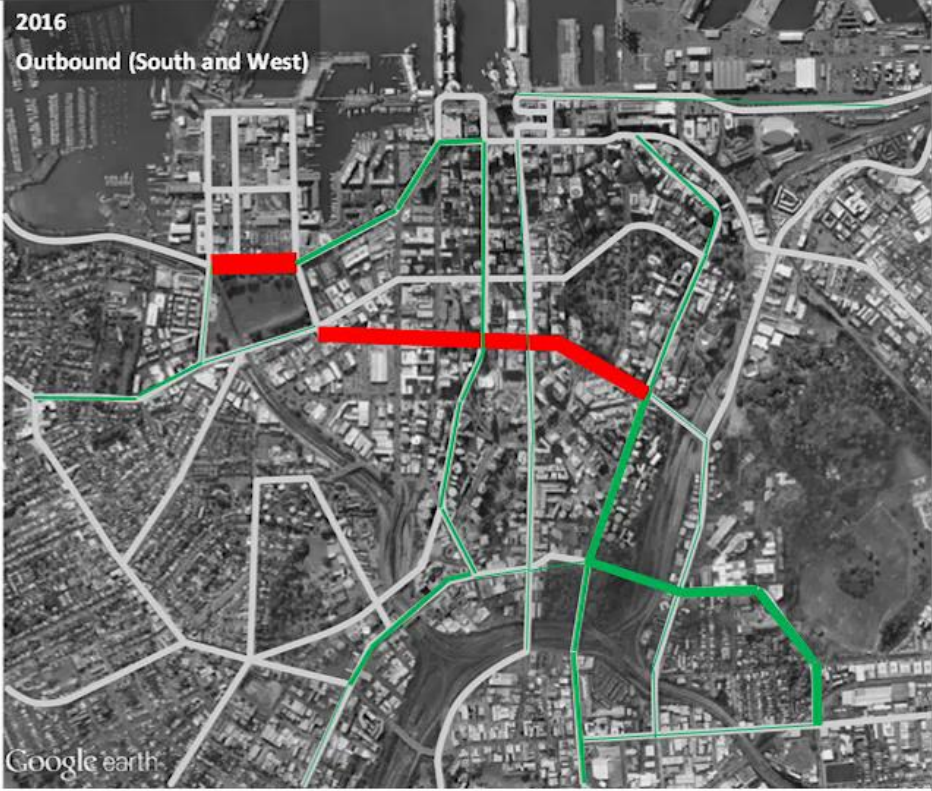
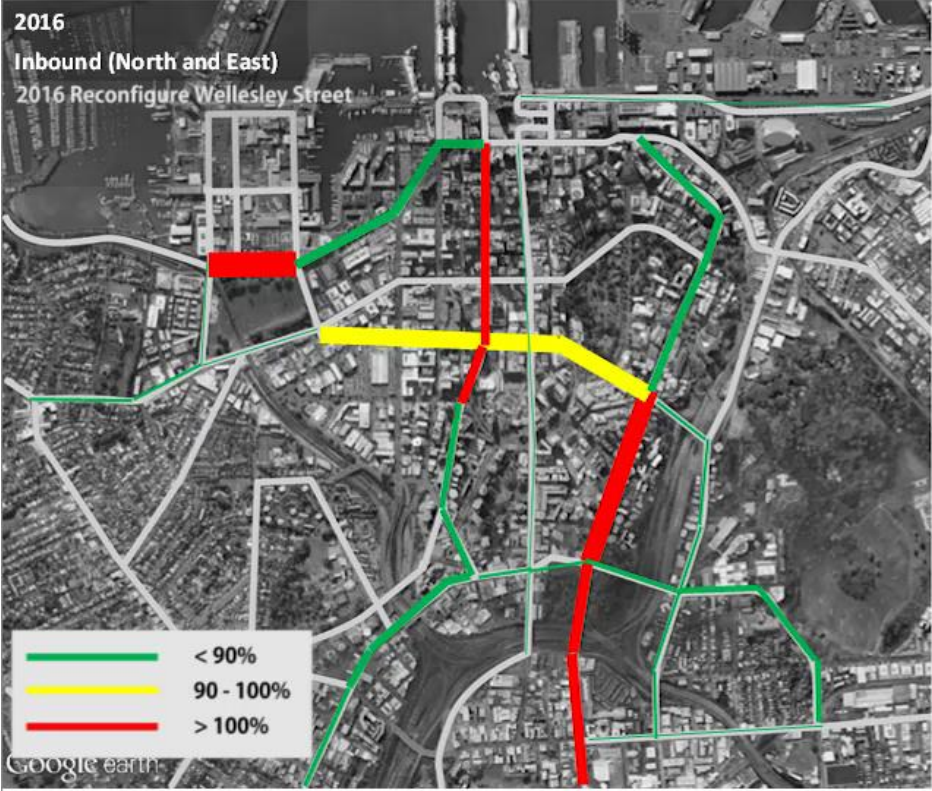
High Investment In Buses



Light Rail Investment



Corridor Service Capacity



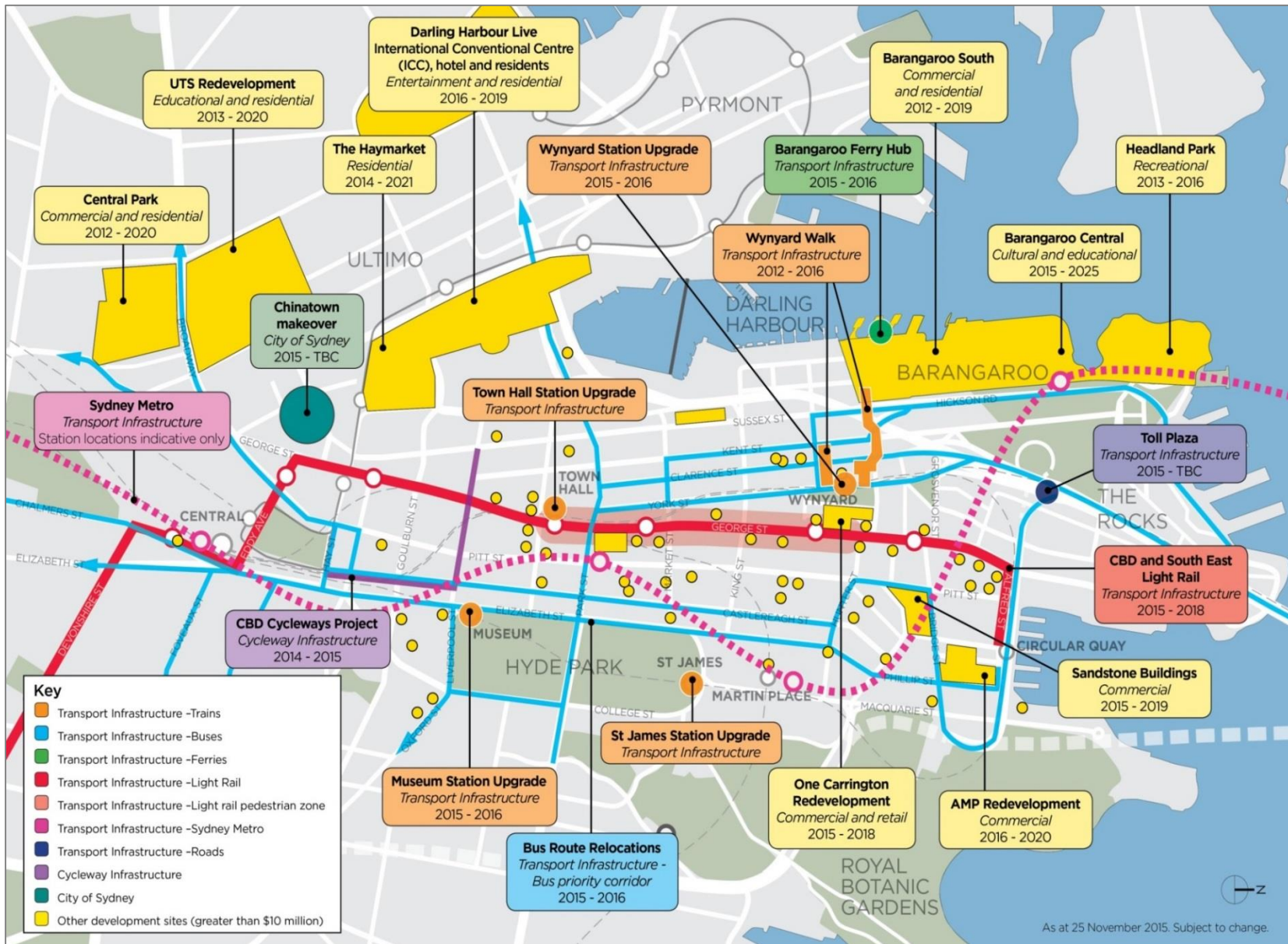






Value Creation





Auckland City Rail Link & City Centre Developments

2016-2020



	UNDER CONSTRUCTION
	CONSENTED
	PLANNING FOR CONSENT
	POTENTIAL DEVELOPMENT
	CITY RAIL LINK
	EXISTING RAIL NETWORK

Technology Opportunity/Risk



Phileas Magnetic Guided
Electric Bus (Eindhoven)



Translohr STE6 Rail Guided
Electric Bus (Paris Line 6)

Platform 2
to Waitakere

Delivering transport choices
to get you where you want,
when you want.

Our Vision



Light Rail Investment

Today



2025



2045

