

Delivering Smarter Transport Networks for Auckland

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Transforming Auckland's Transport System

- In three years transport in Auckland will look very different
- An entire fleet (57) of brand new electric trains
- A revamped bus network
- Better connections
- Integrated ticketing and fares
- Uniformity of fares
- One roading network



The Auckland Plan

VISION: World's Most Liveable City

Outcomes

Well Connected and Accessible Auckland

Beautiful and Green Auckland

An Auckland of Prosperity and Opportunity

A safe and healthy Auckland

Transport Strategic Direction :
Create better connections within Auckland, across New Zealand, and to the World

Transport Impacts

Better use of transport resources to maximise return on existing assets

Increased access to a wider range of transport choices

Reduced adverse environmental effects from Auckland's transport system

Auckland's transport network effectively connects communities and provides for Auckland's compact urban form

Improved safety of Auckland's transport system

Auckland's transport network moves people, services and goods efficiently



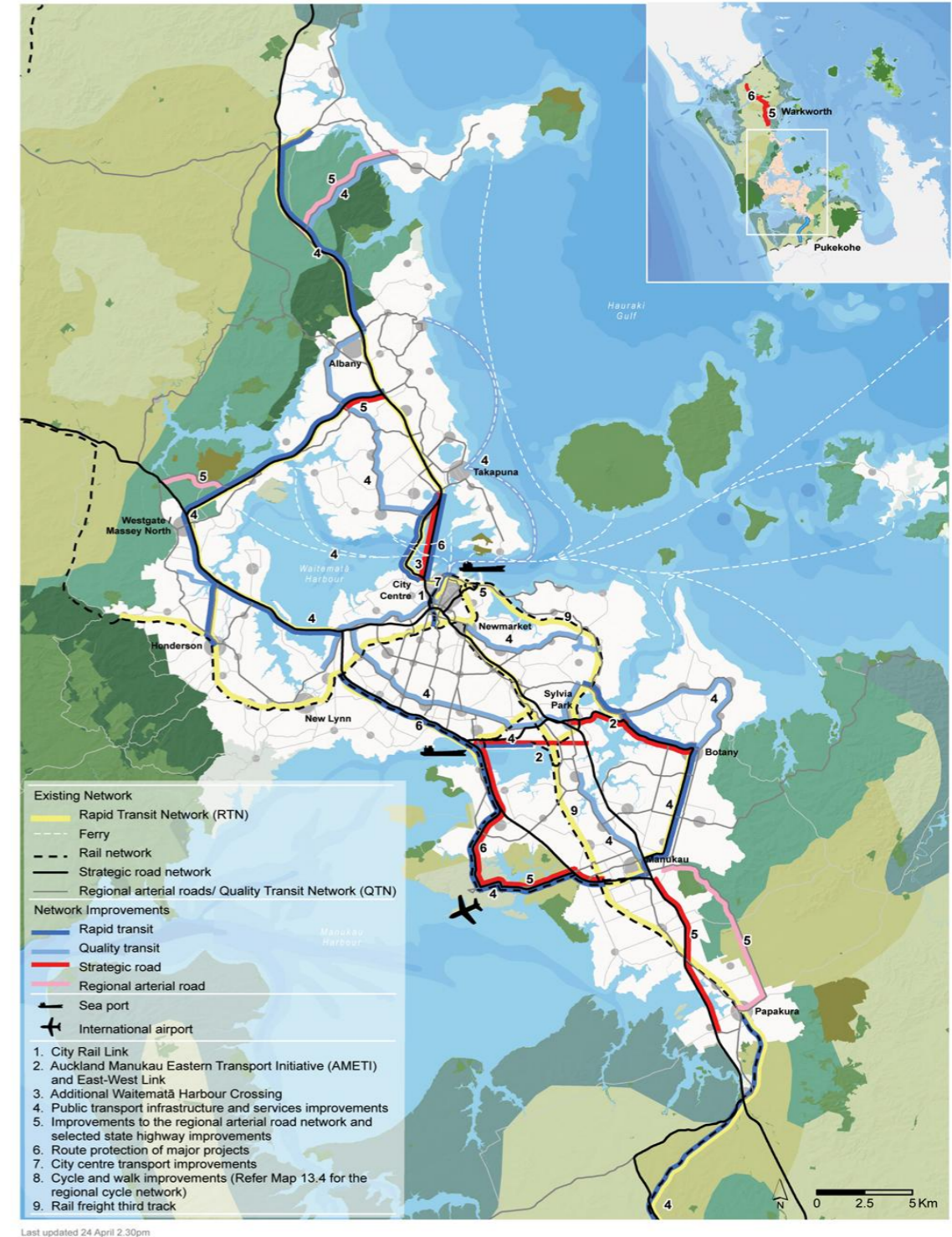
The Auckland Plan – Transport Priorities

Four strategic transport priorities:

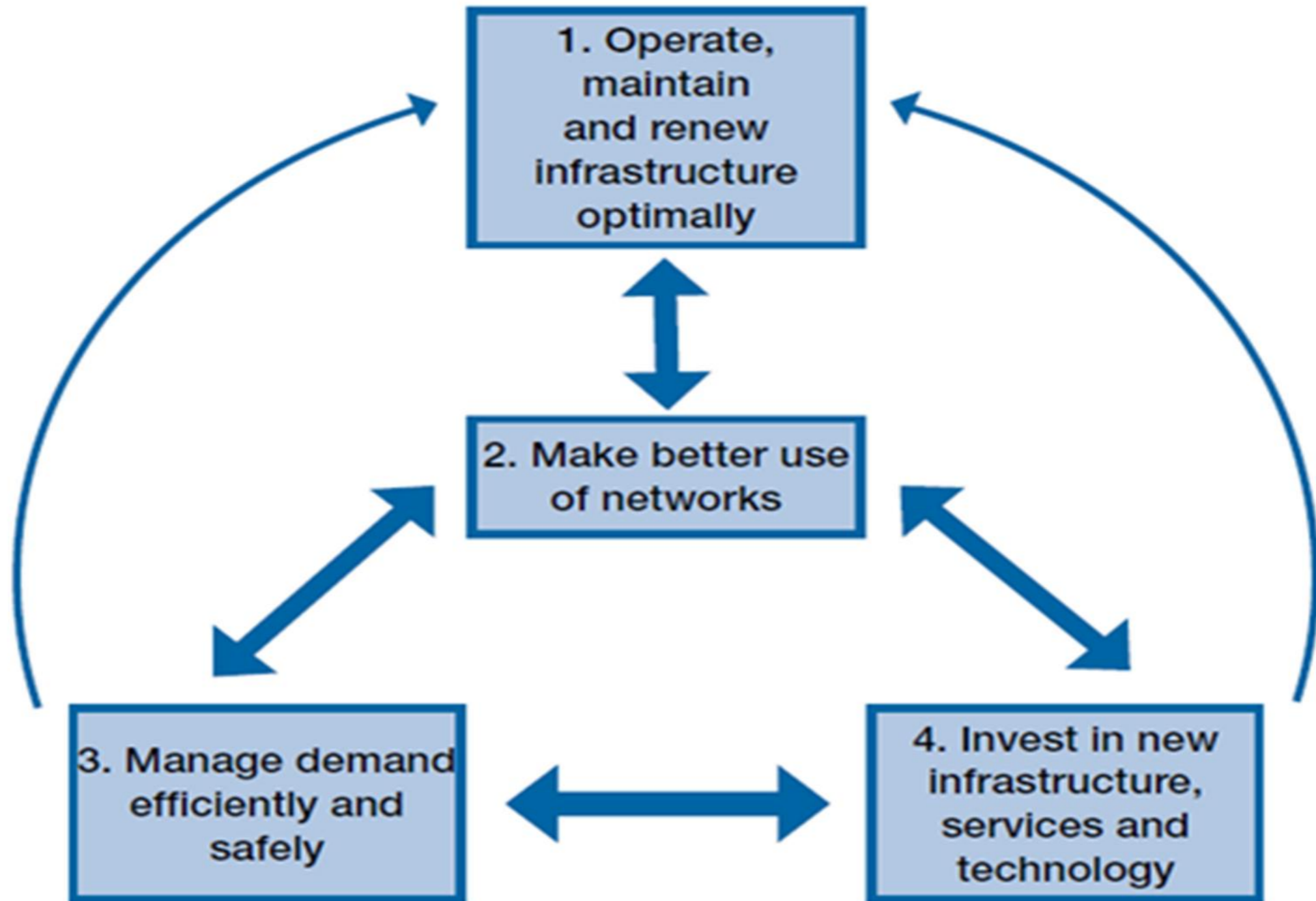
1. Manage Auckland's transport as a single system
2. Integrate transport planning and investment with land-use development
3. Prioritise and optimise investment across transport modes
4. Implement new transport funding mechanisms

The Auckland Plan places the highest priority on three new projects:

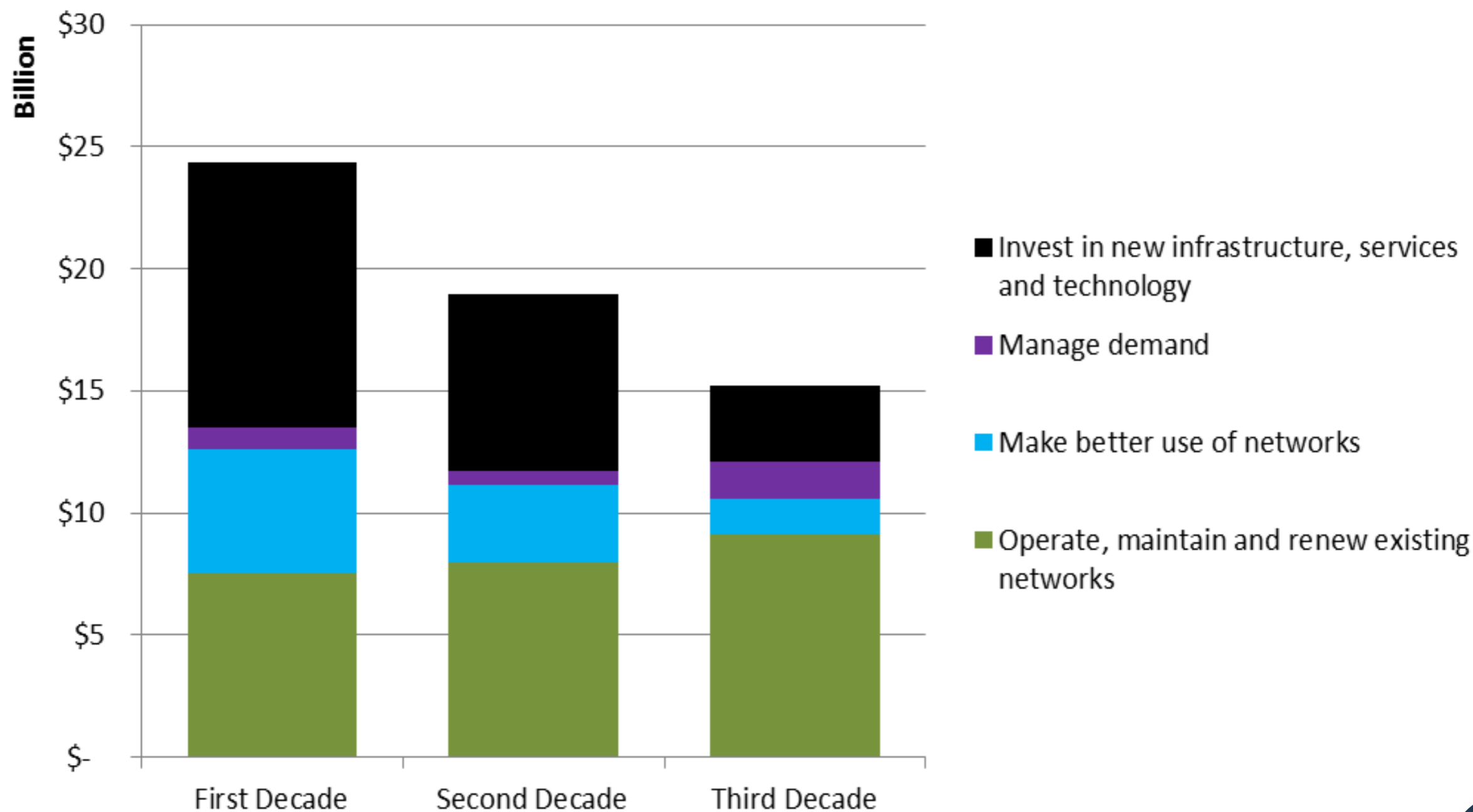
1. City Rail Link
2. AMETI and East-West Link
3. Additional Waitematā Harbour Crossing.



Four Stage Intervention Process



Transport Investment Profile



The Program 2013/14

Core capital expenditure (excl. ring-fenced capital)	2013/14 Budget \$000	2014/15 Budget \$000	2015/16 Budget \$000
New capital expenditure	313	364	403
Roads and Footpaths	219	258	295
Public Transport	81	93	104
Parking Operations	8	4	0
Internal Support	5	9	4
Renewal capital expenditure	201	220	210
Roads and Footpaths	186	208	193
Public Transport	13	9	11
Parking Operations	2	3	6
Internal Support	0		
Ring-fenced projects	345	313	114
City Rail Link	167	93	72
EMU Depot	18		
EMU Procurement	136	196	26
SMART	5	5	5
Local Board Initiatives	16	18	10
Araparera Forestry	2		
Seal Extensions	1	1	1
Total capital expenditure (core and ring-fenced)	859	897	727

- 30% New Capital
- 50% Public Transport
- 15% EMUs
- 23% Renewals

Key Project

Ameti

- EPH Opening August 2013
- Panmure Station Opening January 2014
- Accelerate next stage (2a)



Projects Delivered 2012/13

**Public Transport - EMU
Wiri Depot - \$100m**



Projects Delivered 2012/13

Roading - Glenfield Road - \$40m



Projects Delivered 2012/13

Walking & Cycling - Fort Street shared space and Rankin Avenue New Lynn shared path



Fort Street



Rankin Avenue, New Lynn - shared path

Making more efficient use of our assets

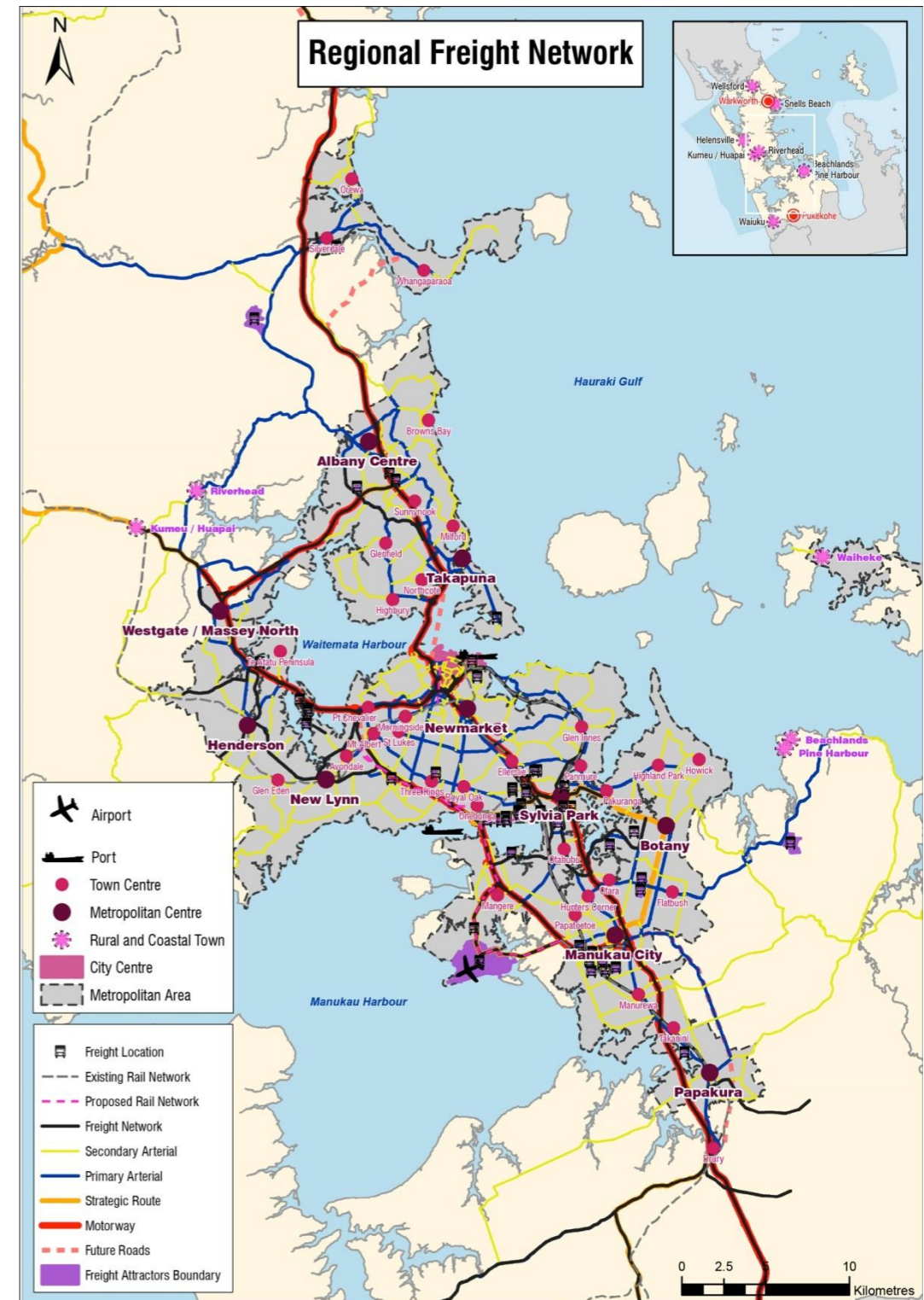
Annual benefits of optimising a single major arterial corridor like Dominion Road:

- Fuel savings of 10% or 215,000 litres
- Total time saving 64,000 hours
- Benefit/Cost ratio of 30:1
- CO2 reduction of 10% or 550 tonnes



Sharing the road. Freight and other road users

- Align improvements to the freight network with business developments maximise productivity gains and access to markets
- Align demand for land use between freight and other activities: busy, noisy freight routes not desirable settings for residential intensification
- Maintain the freight network- convenient reliable connections for freight between business, industrial parks and ports due to growing congestion on the arterial road network



Freight and other road users

- Next steps. Network Operations Plan (NOP) - a joint venture between NZTA and AT to identify sections or routes on the roading network where congestion delays exist for PT, freight and other users.
- Road user priorities developed in conjunction with key stakeholders (including local boards and the freight industry)
- NOP implemented in phases across the Auckland roading network 2013/14)



City changers

- Fifty-seven brand new electric trains
- Each train carries up to 375 passengers
- Electric trains offer a faster, more frequent service
- Three trains arrived, 15 by FYE
- In service second quarter next year
- Onehunga Line first
- The City Rail Link (CRL). Notice of Requirement to protect the route for future construction lodged by AT with Auckland Council.



Parking

- City Centre parking project
- Use price to ensure on street parking readily available for business and leisure
- Fast turnover
- Push into parking buildings for longer term stay
- Further explore residential parking zones



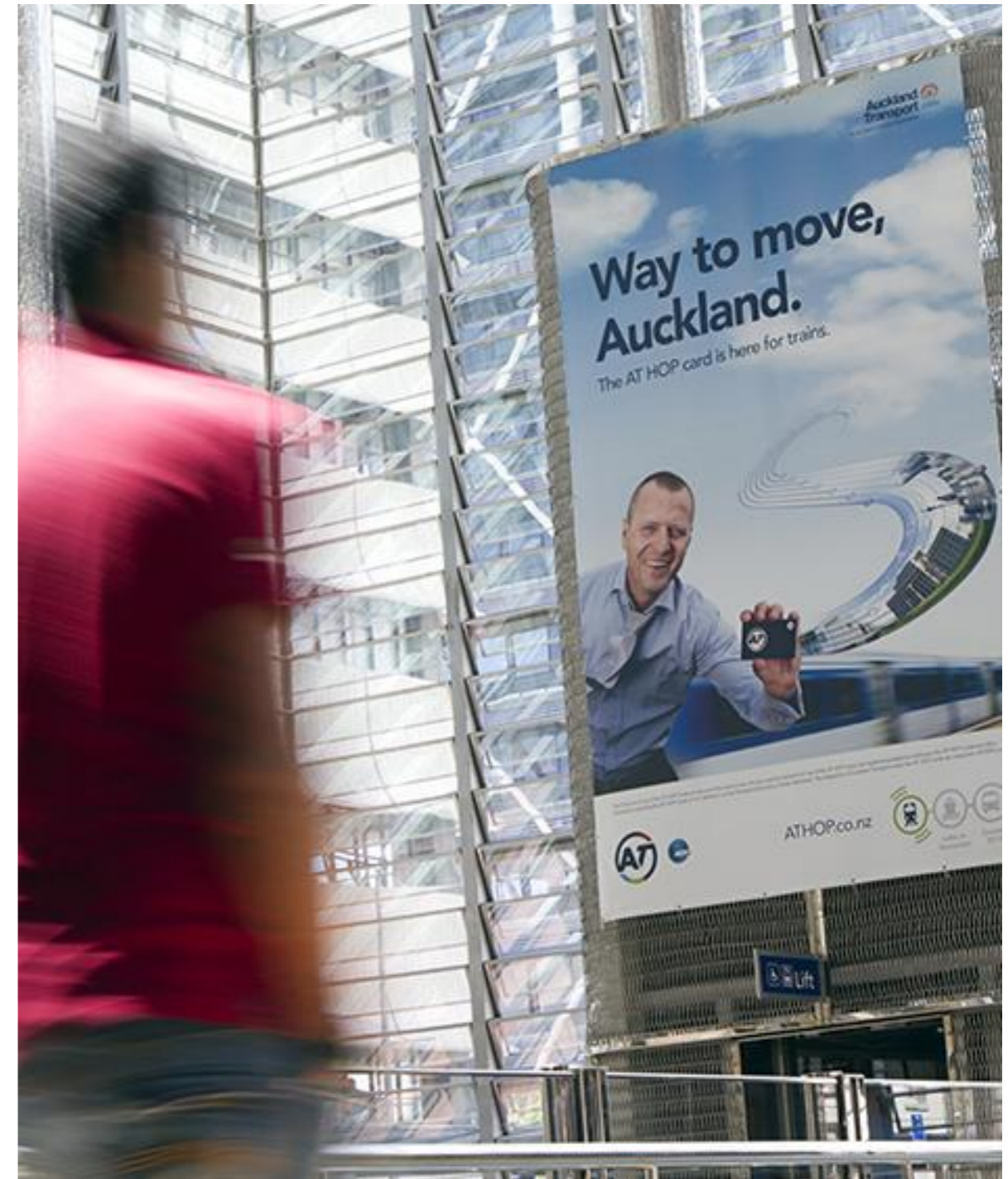
Integrated Planning - The New Network

- **Bold changes. Better service. Better connections**
- **Region wide public transport network delivering bus services at least every 15 minutes throughout the day, seven days a week on major routes between 7am to 7pm.**
- **One million more in population = public transport must become a very real transport choice for more Aucklanders**
- **AT needs to improve that choice**



AT HOP

- 175,000+ AT HOP cards sold to date
- Forecast to reach 250,000 users at conclusion of bus implementation
- Complex implementation across 1100 buses
- Allows fully integrated fares in the future
- Simplifies multi modal transport options
- Will encourage PT use
- Platform for other New Zealand regions



AT HOP (cont)

- Rail and ferry completed 2012
- Bus roll out happening now
- Commercial operators ready for roll out.
- Comprehensive training for all bus operators



Congestion busters

- AT's congestion busting programmes
- Workplace Travel Plans
- Walking School Buses
- Carpooling
- 12,000 cars taken off the road every day
- Reduction in car travel of 135,000 kilometres a year
- Annual congestion benefit of more than \$20 million



One Network. One System

- State Highways/arterial/local roads
- Partner with NZTA
- One traffic control centre (JTOC)
- Economies of scale
- Integrating and optimising transport networks
- One system
- Plan transport networks with land use
- Best value for money



Procurement Update

Review and refresh of Pre-Qualification system

- March / April review for June implementation
- Welcome feedback on current system from RNZ

Adoption of new NZ3910, 3916, and 3917

- Planning around introduction from 1 July 2014
- Introduce all as a set

Trialling embedding Procurement in business units

- Greater consistency and simplicity

SUMMARY

- We are in a period of transformational transport change in Auckland
- Transport top of mind for Aucklanders
- Significant changes: Completion of Auckland's AT HOP card roll-out over the coming months
- The first of Auckland's fleet of new electric trains has arrived with two more in November this year
- New Network for Public Transport. Bus services at least every 15 minutes connecting with train services, 7am to 7pm
- One Network, one system
- Working towards uniformity of fares across the region

Thank You

