

# Future Network Planning and Investment

Webinars  
29 and 30 November 2022



One Network  
Framework



Te Kāwanatanga o Aotearoa  
New Zealand Government

**Tūtawa mai i runga**

**Tūtawa mai i raro**

**Tūtawa mai i roto**

**Tūtawa mai i waho**

**Kia tau ai**

**Te mauri tū, te mauri  
ora**

**Ki te katoa**

**Haumi e, hui e, tāiki e**

Come forth from above,  
below, within,  
And from the environment  
Vitality and wellbeing for all  
Strengthened in unity.

# Agenda – what we'll cover today

Agenda item	Speaker	Time
<b>Karakia mātāpono</b>	Caroline Dumas	2 mins
<b>Introductions and context</b>	Caroline Dumas	5 mins
<b>Waka Kotahi Future Network Planning Process</b>	Tony MacColl Garry Maloney Gareth Hughes	15 mins
<b>Case study – New Plymouth District Council</b>	Stuart Knarston Stuart Bowden	10 mins
<b>Q&amp;A</b>	Panellists	20 mins
<b>Closing and Karakia mātāpono</b>	Caroline Dumas	2 mins



# Session outcomes

The purpose of today's session is:

- Provide an overview of the Future Network Planning Process
- Demonstrate how the process fits within broader investment process
- Share a case study to demonstrate application
- Provide guidance and support



# How the ONF helps deliver on our desired outcomes

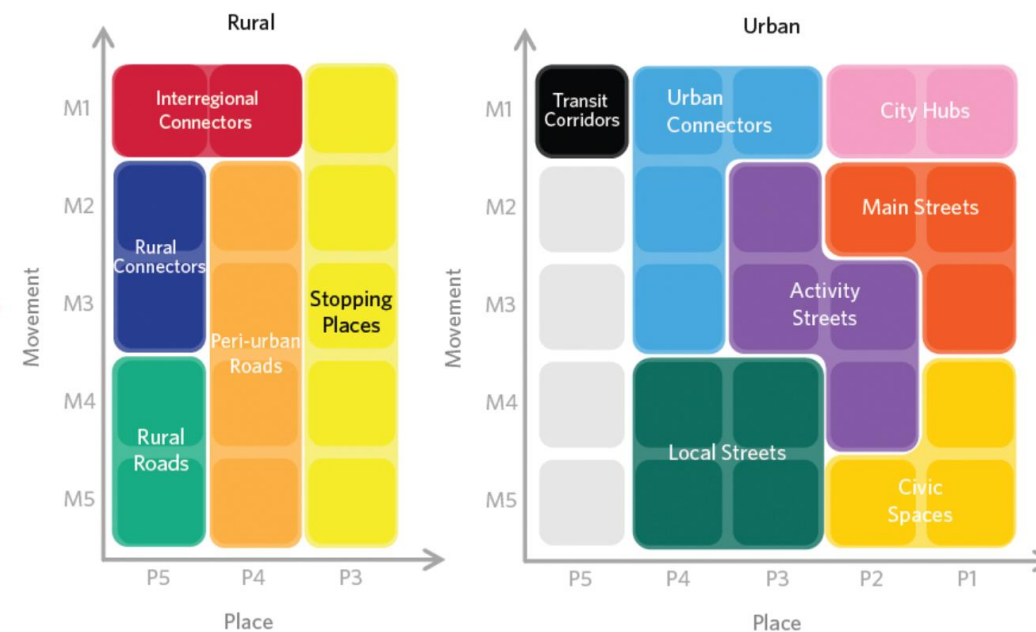
## Recap – what is the One Network Framework?

The ONF is our national tool to classify roads and streets - based on their function and the ways people use them:

- A common language for all transport practitioners.
- Recognises the significance of **'Place'**.

## What are the benefits?

- Improves investment planning and decision making.
- Enables consistency in measuring current and future network performance and levels of service.
- It enables investment to deliver on the strategic intent of Government, Waka Kotahi and our partners.





# Future Network Planning Process

Tony MacColl  
Garry Maloney  
Gareth Hughes



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# Strategic context

To achieve our desired future for long term outcomes we need to...

## UNDERSTAND THE CHALLENGE

*Why... we need to understand where the greatest challenges and opportunities are for achieving across long-term outcomes.*

- Desired future
- Current state
- Key drivers of change
- Outcome gaps

## APPLY AN OUTCOMES LED STRATEGIC APPROACH

*How?... by strategically focusing our effort on the things that make the best progress across multiple outcomes.*

- Whole of system approach
- Collaborate with partners
- Evidence-based
- Tailor solutions

## PROVIDE CLEAR DIRECTION

*What?... by directing effort to the right things, at the right scale in the right place and time.*

- Identify what's needed to achieve success
- Highlight where effort should be focused
- Guide scale & timing
- Monitor progress



# Future Network Planning

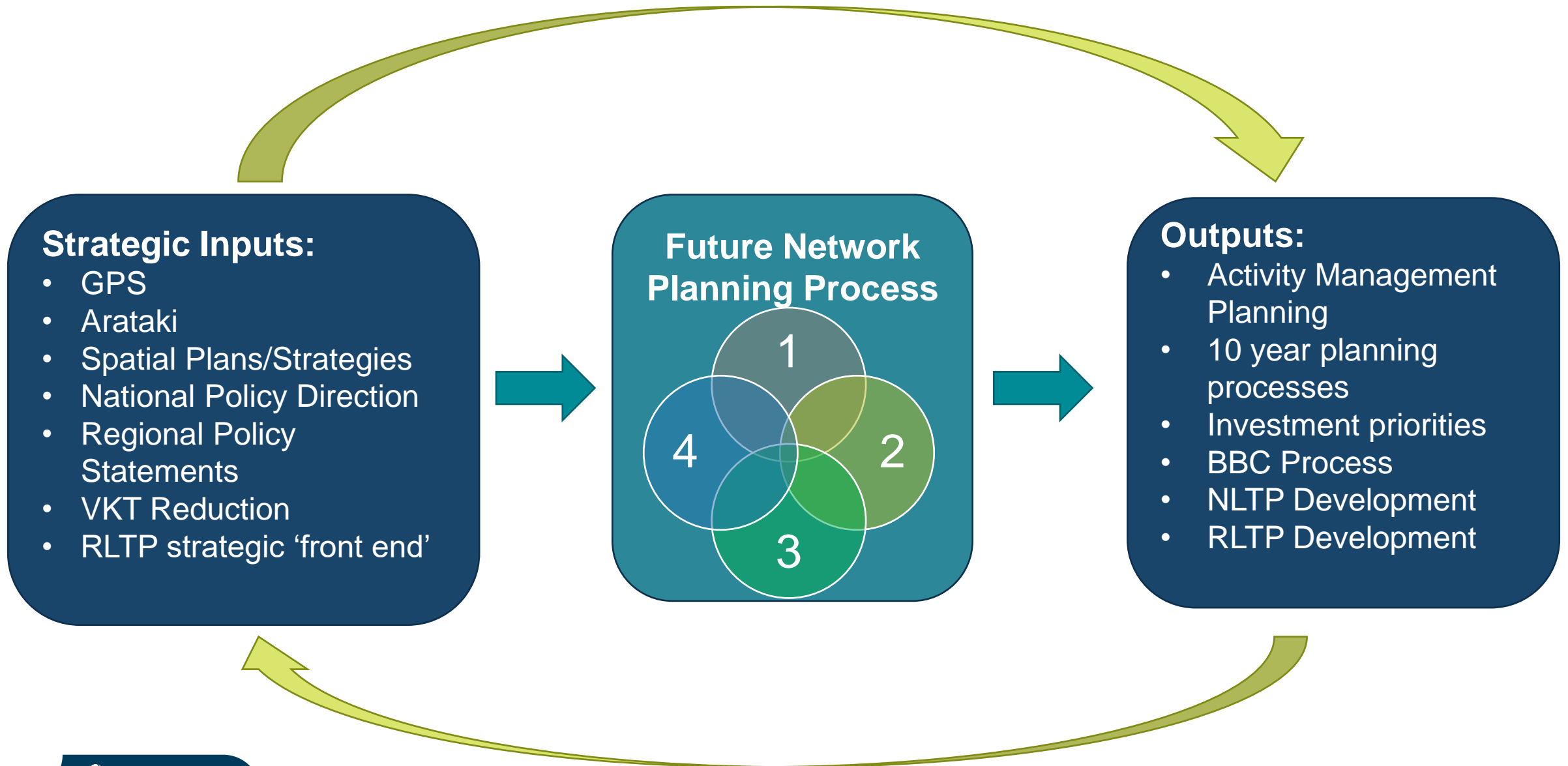
## Why?

- Provide an integrated system view of what we want from future networks.
- Core component of the planning and investment cycle.
- Provision of a national 10-year network view.
- Classification using the ONF for all transport modes.



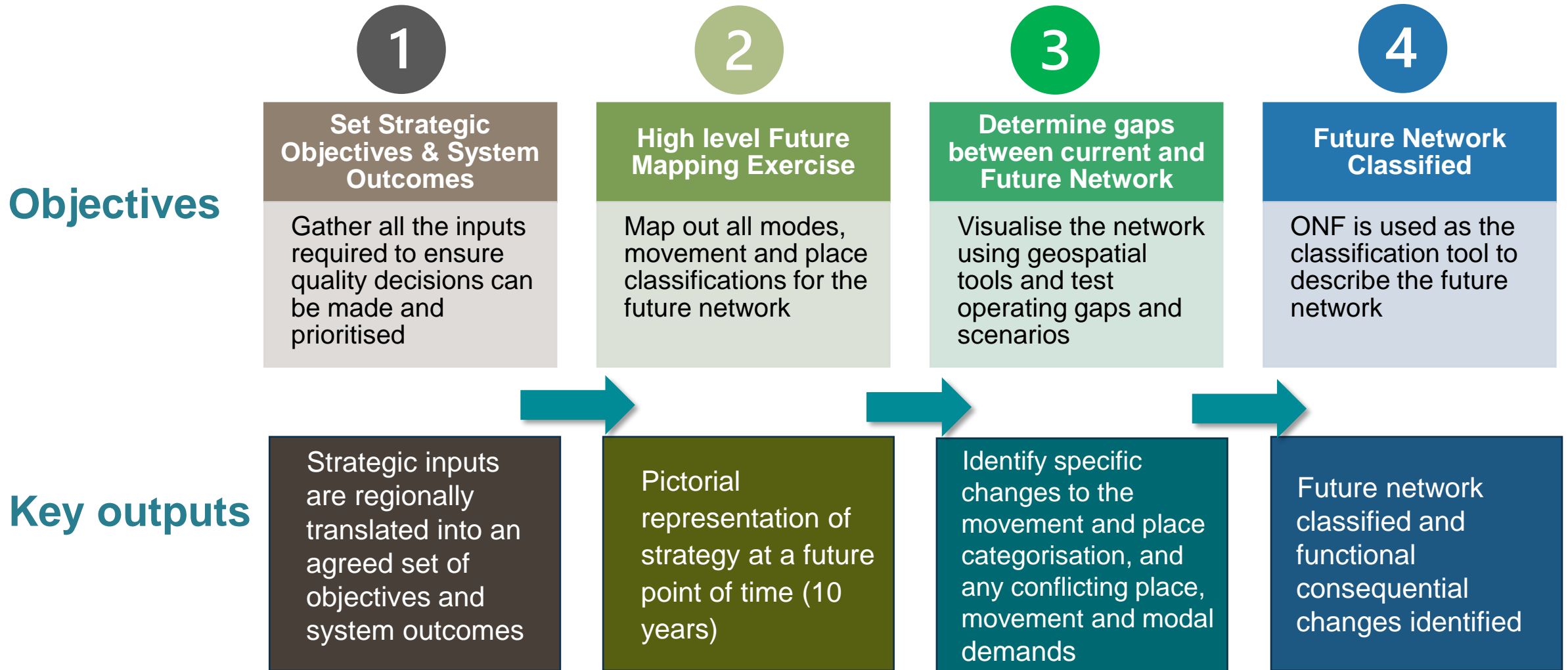


# Future Network Planning Process – overview



# Future Network Planning Process - detail

Four step process...



# Using the FNPP in NLTP development

The application of the Future Network Planning Process will assist with:

- Articulate and describing gaps from current to future state, at a network, corridor or project level as required
- Describing any changes, improvements or updates to the desired Level of Service for the coming NLTP period:
  - ONF classifications should also be used as the differentiator from a Level of Service perspective, the expectation is that this will be captured in AMPs



***ONF is the classification tool for NLTP 24-27 and beyond***



# ONF and investment guidance

The ONF is a tool to inform decision making

It is not a method to achieve increased funding or investment. ONF will be referenced in the following:

NLTP docs	Status
Benefits Framework	In Progress
Transportation Investment Online (TIO)	Not Started

IDMF docs	Status
Multi Criteria Analysis	In Progress
Investing in Place Policy	Completed
Requirements for improvements proposals	In Progress
Investment Prioritisation Methodology (IPM)	Not Started

BBC and wider docs	Status
Business Case Approach	In Progress
AMP guidance	In Progress
InvestHub modules	In Progress
RLTP Guidance	Completed

- Completed
- In Progress
- Not Started

# Timings and deliverables

Alignment of deliverables with current policy direction is critical

- The timings below align with Future Development Strategy (FDS) and VKT deliverables.
- Waka Kotahi and all Road Controlling Authorities - **FNPP completed by Dec 2023.**
- The FNPP should be refreshed on a 6 yearly basis, reviewed every 3 years.

# Case study – New Plymouth District Council

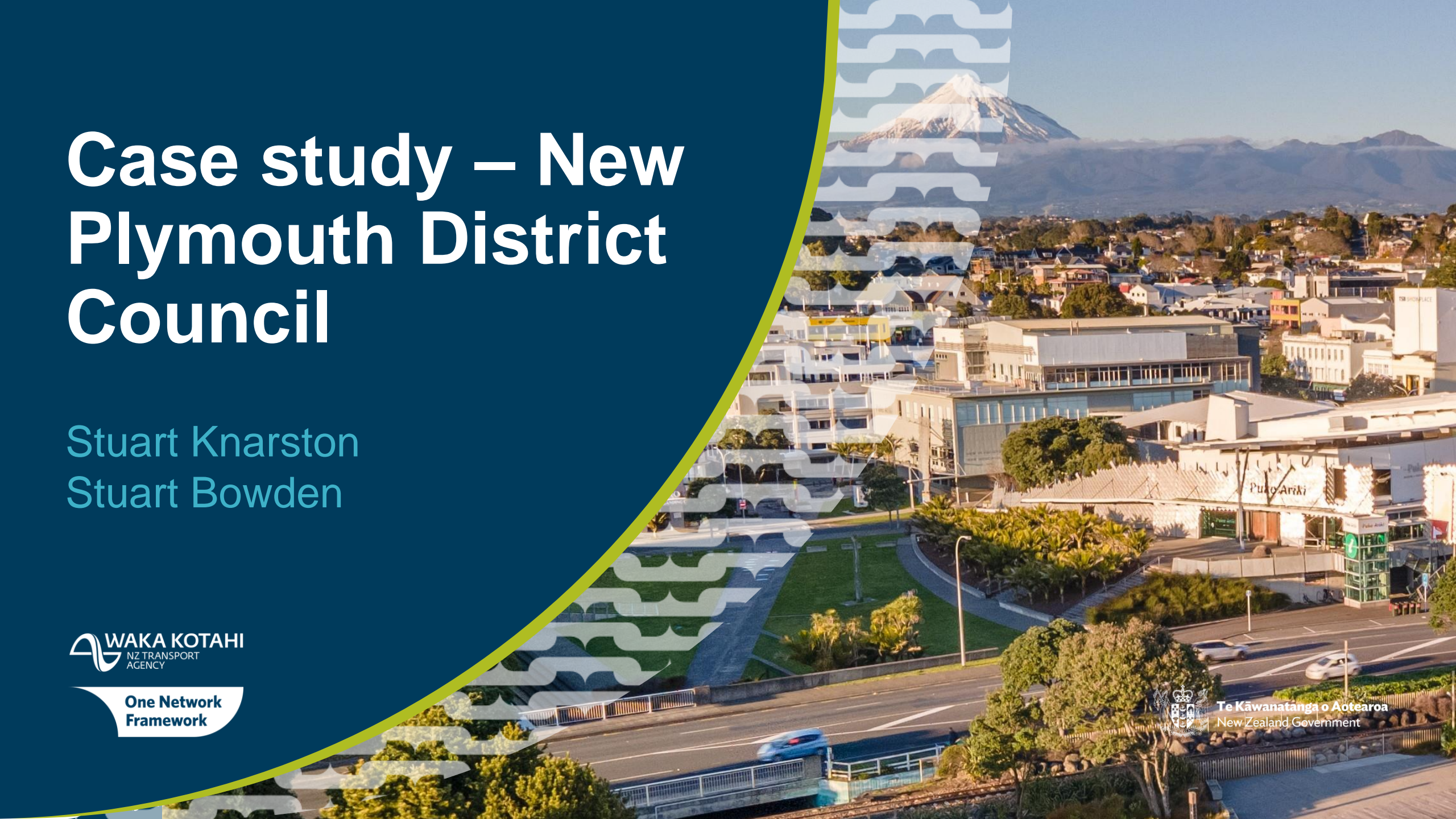
Stuart Knarston  
Stuart Bowden



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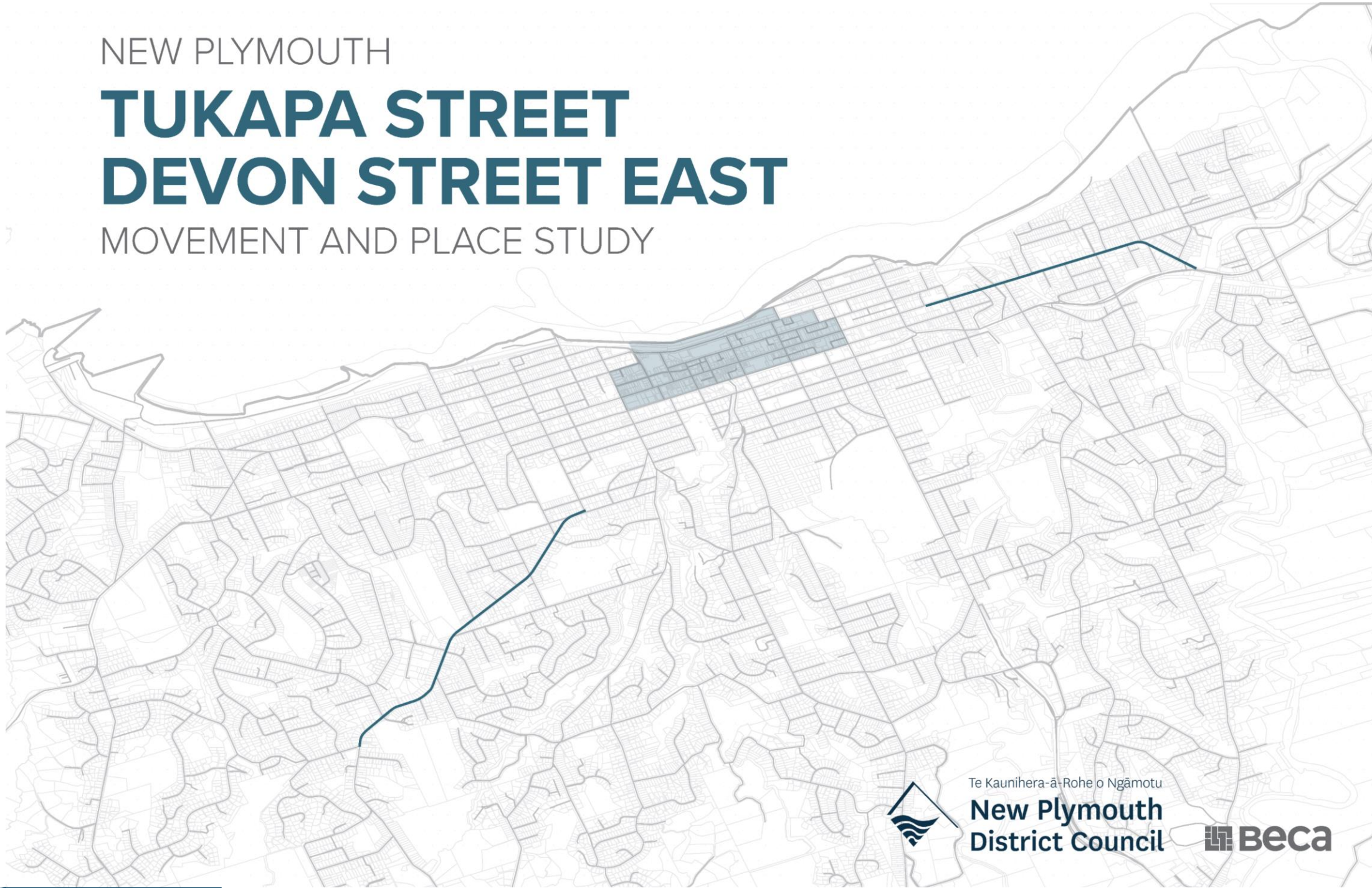




NEW PLYMOUTH

# TUKAPA STREET DEVON STREET EAST

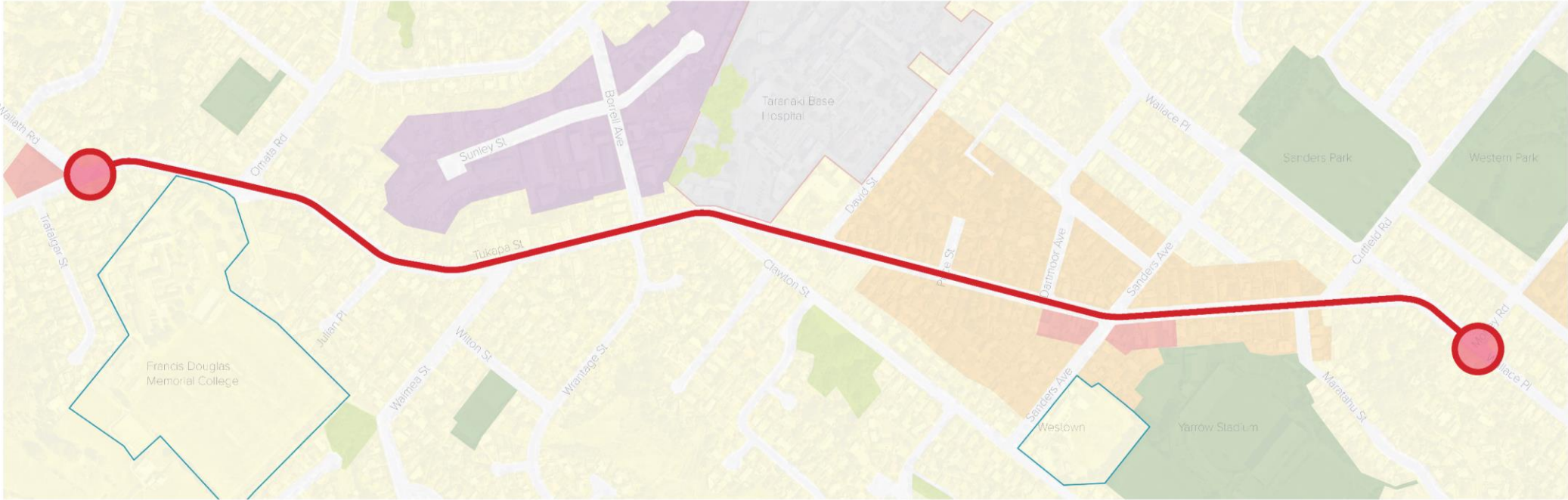
MOVEMENT AND PLACE STUDY



Te Kaunihera-ā-Rohe o Ngāmotu  
**New Plymouth  
District Council**



# TUKAPA STREET EXISTING CONTEXT



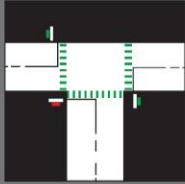
**KEY**

- TUKAPA STREET CORRIDOR
- GENERAL RESIDENTIAL ZONE
- GENERAL INDUSTRIAL ZONE
- SIGNIFICANT NATURAL AREA
- SPORTS AND RECREATION ZONE
- MEDIUM DENSITY RESIDENTIAL ZONE
- LOCAL CENTRE ZONE
- HOSPITAL ZONE
- DESIGNATION - SCHOOLS



# ENGAGEMENT SUMMARY

**ISSUE**



**FREQUENCY**

**44**

**SAMPLE TYPES OF COMMENTS**

**DAVID STREET TRAFFIC CONTROL**

Comments from the community:

- "David St needs roundabout + pedestrian crossing removed"
- "Move traffic lights to David St"
- "Need to have roundabout at David Street-Tukapa Street"

**ISSUE**



**FREQUENCY**

**23**

**SAMPLE TYPES OF COMMENTS**

**NEGATIVE IMPACT OF TRAFFIC SPEED**

Comments from the community:

- "Slow down the traffic passing the school"
- "Boy racers + noise @ roundabout"
- "Tukapa is too fast should be 30km"

 Key disability movement issues

**ISSUE**



**FREQUENCY**

**52**

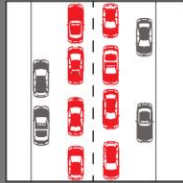
**SAMPLE TYPES OF COMMENTS**

**INABILITY TO MAKE RIGHT HAND TURNS**

Comments from the community:

- "Walloath Rd right turn is dangerous"
- "Difficult to get out of the carpark of Care First due to park cars on Clawton Street"
- "Turning in hospital an issue"

**ISSUE**



**FREQUENCY**

**87**

**SAMPLE TYPES OF COMMENTS**

**CONGESTION BASED ISSUES**

Comments from the community:

- "A lot of heavy / large traffic from Westown agriculture contracting"
- "Difficult to cross road (Dartmoor Ave) due to busy traffic"
- "Roundabouts make the congestion worse - making it difficult to park"

**ISSUE**



**FREQUENCY**

**12**

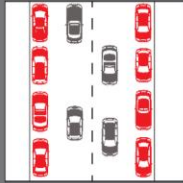
**SAMPLE TYPES OF COMMENTS**

**TRUCK RELATED ISSUES**

Comments from the community:

- "Too many trucks and tractors on Tukapa"
- "Commercial vehicles create heavy fumes"
- "Horticultural vehicles are noisy + constant + fast"

**ISSUE**



**FREQUENCY**


**66**

**SAMPLE TYPES OF COMMENTS**

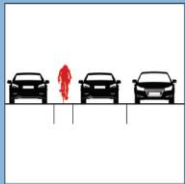
**PARKING ISSUES**

Comments from the community:

- "Hospital parking impact on local residences (all around neighbourhood)"
- "Clawton Street needs more car parks"
- "Lack of accessible carparks @ shops"

 Key disability movement issues

**ISSUE**



**FREQUENCY**

**41**

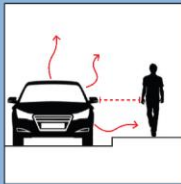
**SAMPLE TYPES OF COMMENTS**

**UNSAFE CYCLEWAY**

Comments from the community:

- "Car doors are a risk for cyclists"
- "Want to cycle but not easy to use + unsafe"
- "Cyclists at Western rbt are squeezed by cars - sharrows needed - cycle lanes stop"

**ISSUE**



**FREQUENCY**


**43**

**SAMPLE TYPES OF COMMENTS**

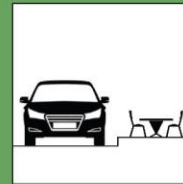
**POOR PEDESTRIAN AMENITY**

Comments from the community:

- "Sanders Ave roundabout uneven surfaces (north)"
- "Roundabout doesn't give enough time for pedestrians to cross roads"
- "30km/h in Westown, better pedestrian crossing at roundabout (North / South)"

 Key disability movement issues

**ISSUE**



**FREQUENCY**


**93**

**SAMPLE TYPES OF COMMENTS**

**STREET SCAPE IMPROVEMENTS**

Comments from the community:

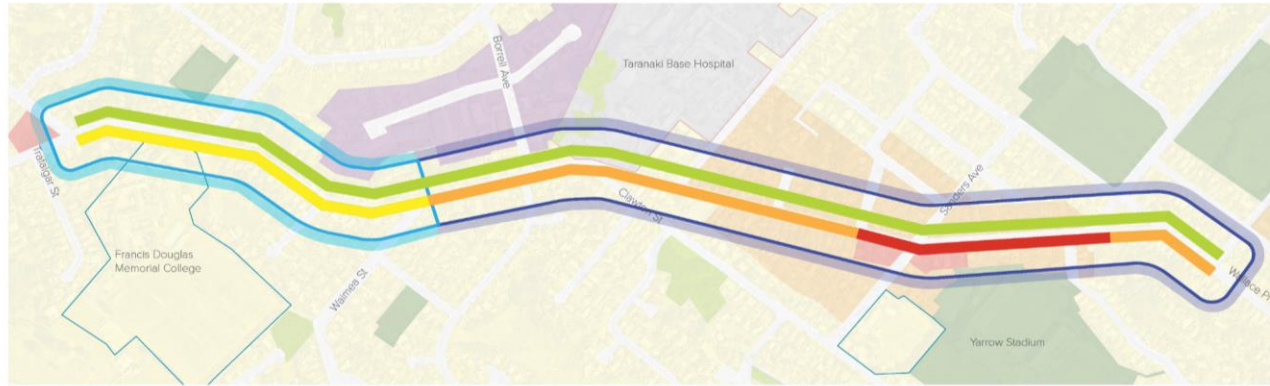
- "Street is noisy and footpath/gutter can be dirty, sad for businesses"
- "Very low services around the hospital (cafes etc.)"
- "Need to encourage a better range of businesses - how can we get people to stop and stay?"

 Key disability movement issues



# SUMMARY OF FINDINGS AND RECOMMENDATIONS

## FUTURE STATE CLASSIFICATION



### KEY

#### PLACE

- P2
- P3
- P4

#### MOVEMENT

- M3

#### STREET FAMILY

- URBAN CONNECTORS
- ACTIVITY STREETS

## FUTURE MODAL CLASSIFICATION



### PUBLIC TRANSPORT

- PT2
- GT4
- F5
- F6



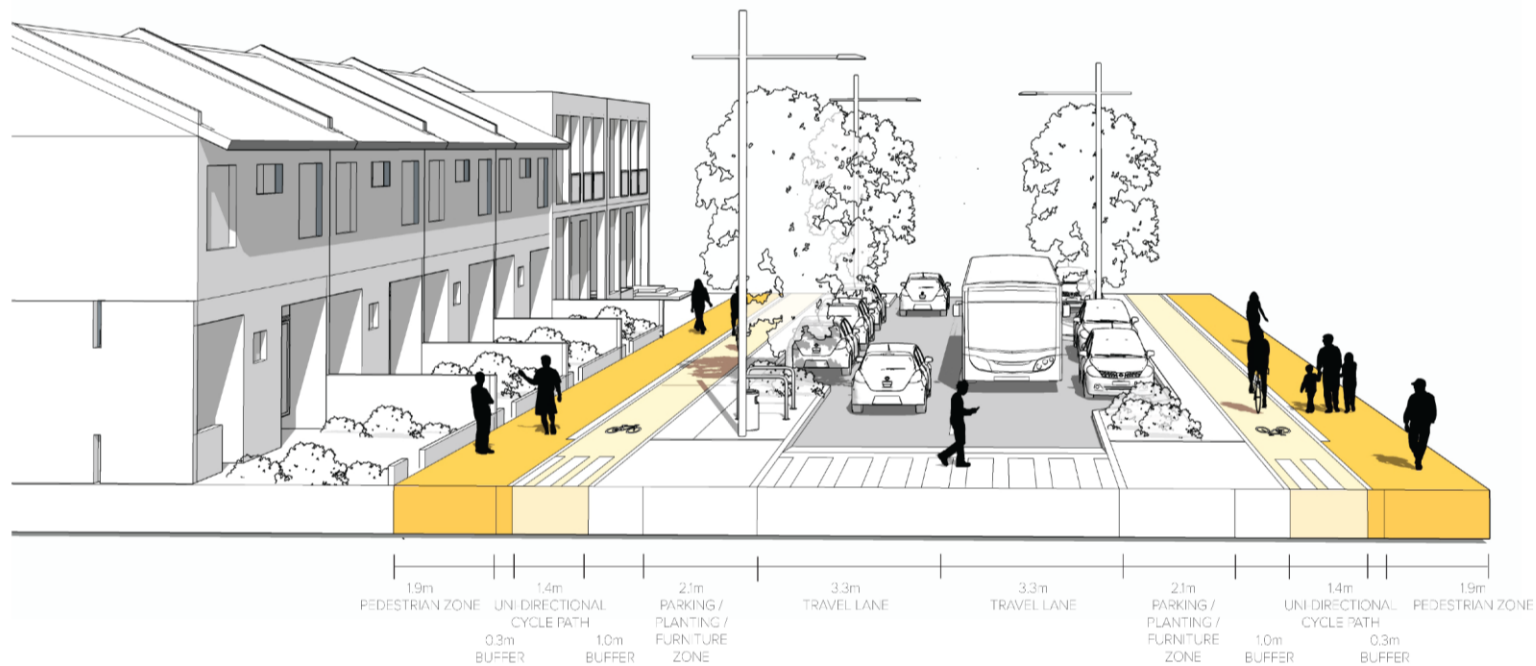
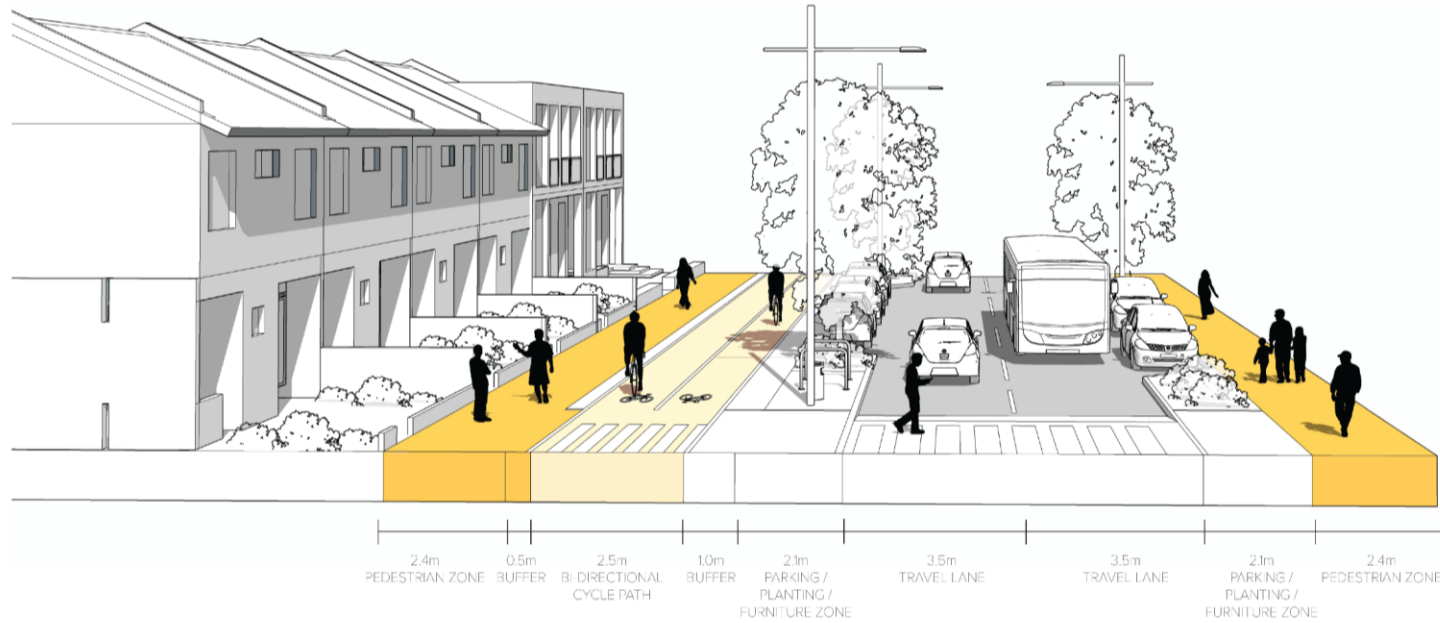
### CYCLING

- C1

### WALKING

- W2
- W3

# SUMMARY OF FINDINGS AND RECOMMENDATIONS





# Q&A





# Next steps

- Look out for future ONF information within the Waka Kotahi NLTP Bulletin and communications.
- Visit the ONF website: [www.nzta.govt.nz/onf](http://www.nzta.govt.nz/onf)
  - Detailed design and classification guidance documents
  - ONF quick reference tables
- Please contact the team at: [onf@nzta.govt.nz](mailto:onf@nzta.govt.nz)



**Kia whakairia te tapu**

Restrictions are moved aside

**Kia wātea ai te ara**

So the pathway is clear

**Kia tūruki**

To return to everyday activities

**whakataha ai**

Enriched and united

**Kia tūruki**

**whakataha ai**

**Hui e, tāiki e**