

The background image shows a wide city street with historic buildings. On the left, there are several red trams. In the center, a modern yellow and grey tram is moving. On the right, a tram stop is visible with a man in a pink striped shirt and light blue trousers walking. The overall scene is bright and sunny.

Canterbury Passenger Rail Workshop 3

Axel Wilke

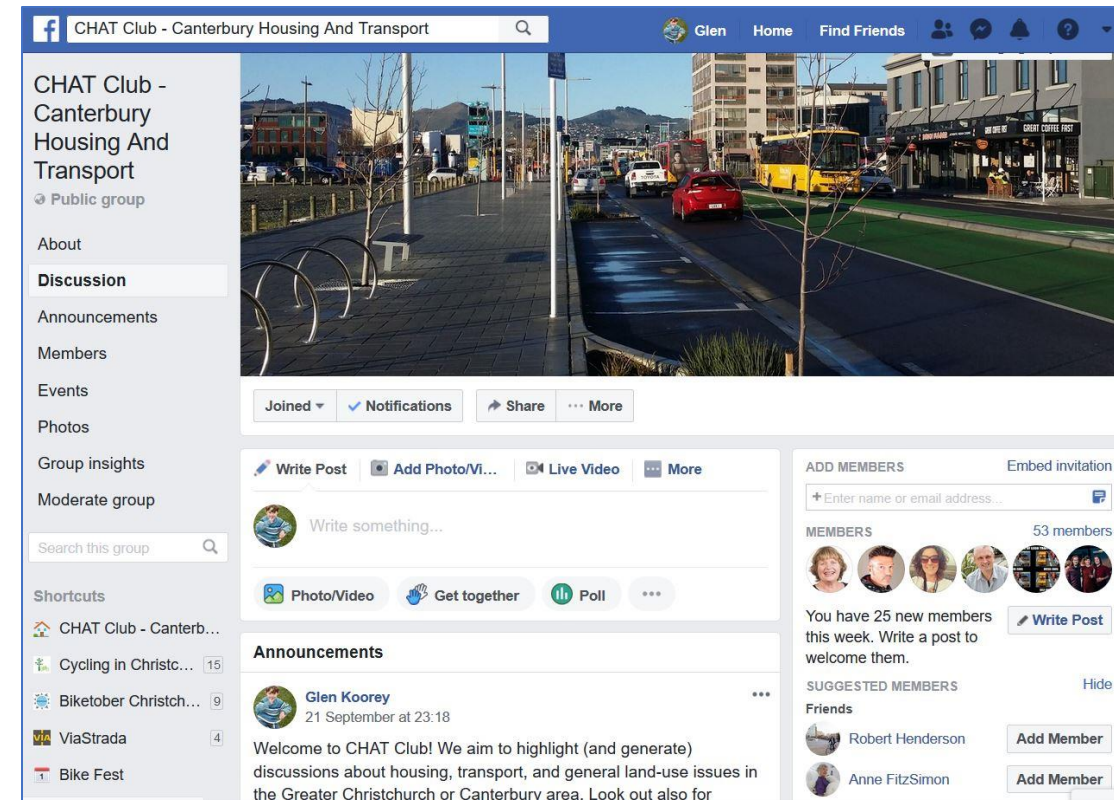
CHAT Club

29 April 2019

This forum brought to you by CHAT Club

CHAT = Canterbury Housing And Transport

- Discussions about housing, transport & general land-use in Greater Christchurch
- Facebook discussion group:
fb.com/groups/248229305886431/
- Website: *talkingtransport.com*



Workshop invites

- Sign up to receive email invites

<http://eepurl.com/go5klr>

- You may give a little

***givealittle.co.nz/
cause/chat-club#***

givealittle
from the  Spark Foundation



Welcome to CHAT Club! We aim to highlight (and generate) discussions about housing, transport, and general land-use issues in the Greater Christchurch or Canterbury area. Subscribe to our newsletter and receive invites to events by subscribing here.

Email Address

First Name

Last Name

Organisation

Subscribe

Housekeeping



Programme for tonight (6.00 – 7.30)

- Brief recap of previous 2 workshops
- Roadmap
- What **objectives** should we have for rail?
 - Group discussion / feedback
 - Menti exercise
- Guest speaker: How to Deliver “Density Done Well” – **Mark Fraser of the Hobsonville Land Company** (incl. questions)
- Chris Morahan – How do these workshops fit into the big picture?
- Wrap-up / next steps

Previous 2 workshops

- 25 February 2019
 - 3 background presentations
 - Workshops / mapping
- 29 March 2019
 - Menti exercise on problems
 - Hon Phil Twyford speaking
 - Axel Wilke on Northern Corridor





Roadmap

Glen Koorey

Transport Engineer/Planner

R7

Emergency Instructions

EMERGENCY
INTERCOM

What's the Endgame...?



Phil Twyford:

“I’m waiting for a really good proposal from your elected leaders.

*This proposal’s got to be part of a joined up and credible **transport and housing and urban growth plan.***

It’s got to be supported by all of your elected leaders, and it’s got to be prioritised through your regional land transport plan.”



Roadmap so far...

Transport



Is Chch Too Small for Commuter Rail?

- Freiburg, Germany: pop. 240,000 (350,000 greater urban area)
- Nancy, France: 240,000 (310,000)
- Ghent, Belgium: 260,000 (590,000)
- Newcastle, Aust: 160,000 (320,000)
- Canberra, Aust (Apr 2019): 410,000

Light Rail

Images of light rail systems in Freiburg, Germany and Newcastle, Australia.

5. Ultimately, where should rail go?

- Blue lines – one line
- Red lines – one line
- If mentioned more often

Feedback

A map of Christchurch showing potential rail routes. Blue lines represent one set of options, and red lines represent another. The map highlights areas where these routes are most frequently mentioned.

Housing

20 houses per hectare

- Longhurst, Christchurch

Images showing a modern housing development with high-density residential units.

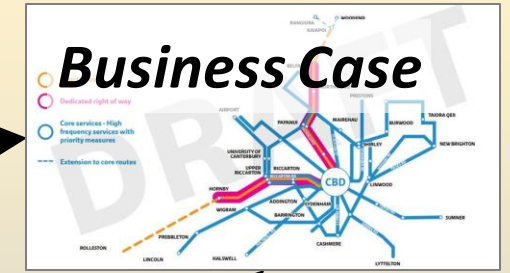
Land Use

Proposal 1: New bus route

- Limited stop service to Kaiapoi and Rangiora
- Blue line
- Via Manchester Street
- Via North
- Via SH73
- Increase frequency on route 95
- from Belfast south
- red line

Nthn Corr.

A map showing a proposed new bus route connecting the city center to Kaiapoi and Rangiora. The route is highlighted in blue and red.



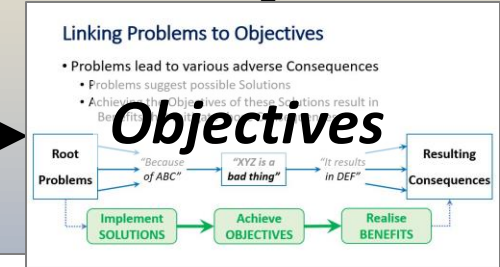
Problem 1: Continued unreliable travel times

Explanation:

- As city continues to grow (esp. outwards):
- More people → more cars → more congestion
- Likelihood of unexpected delays grows
- Bus reliability drops
- All lead to a loss in productivity

Problems

A photograph showing a heavily congested road with many cars stuck in traffic, illustrating the problem of unreliable travel times.



Our guest speaker

Hon Phil Twyford

Minister for

Phil Twyford

How could a Housing & Urban Development Authority help Greater Christchurch?

Go to www.menti.com

Enter code number: 23 78 32

Our guest speaker

Mark Fraser

Hobsonville Land Company HLC

Mark Fraser

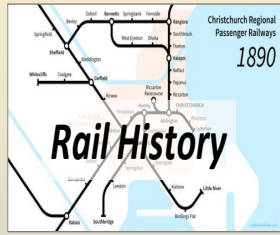
"Land use density done well"

Go to www.menti.com

Enter code number: 23 78 32

Roadmap... the Endgame

Transport



Is Chch Too Small for Commuter Rail?

Light Rail

- Freiburg, Germany: pop. 240,000 (350,000 greater urban area)
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- Canberra, Aust (Apr 2019): 410,000

Feedback

5. Ultimately, where should rail go?

- Blue lines – one line if mentioned more often

Housing

20 houses per hectare

- Longhurst, Christchurch

Nthn Corr.

Proposal 1: New bus route

- Limited stop service to Kaiapoi and Rangiora
- Blue line
- Via Manurewa
- Via Hornby
- Via SH77
- Increase frequency on route 95
- From Salsburgh south
- Red line

Business Case

Map showing proposed rail routes and business case analysis.

Problems

Problem 1: Continued unreliable travel times

Explanation:

- As city continues to grow (esp. outwards):
- More people → more cars → more congestion
- Likelihood of "ABC" → "bad thing" → "DE" → "Consequences"
- All lead to a loss in productivity

Objectives

Linking Problems to Objectives

- Problems lead to various adverse Consequences
- Problems suggest possible Solutions
- Achieving the right mix of the solutions result in Benefits

Flow: Implement SOLUTIONS → Achieve OBJECTIVES → Realise BENEFITS

Our guest speaker

Hon Phil Twyford

Minister for Housing & Urban Development

How could a Housing & Urban Development Authority help Greater Christchurch?

Go to www.menti.com

Enter code number: 23 78 92

Our guest speaker

Mark Fraser

Hobsonville Land Company HLC

"Land use density done well"

Go to www.menti.com

Enter code number: 23 78 92

Options

Evaluation

Governance

Funding

A PLAN!
(and how to do it...)

Land Use

A photograph of a city street featuring a tram. The tram is orange and white, with 'easyJet' branding on its side. It is positioned on tracks in the middle of the street. The background shows multi-story buildings, trees, and a clear sky. A sign on the right side of the image reads 'let op! oversteken voetgangers' (watch out! crossing pedestrians).

What are the Objectives that Rail should have?

Glen Koorey

Transport Engineer/Planner

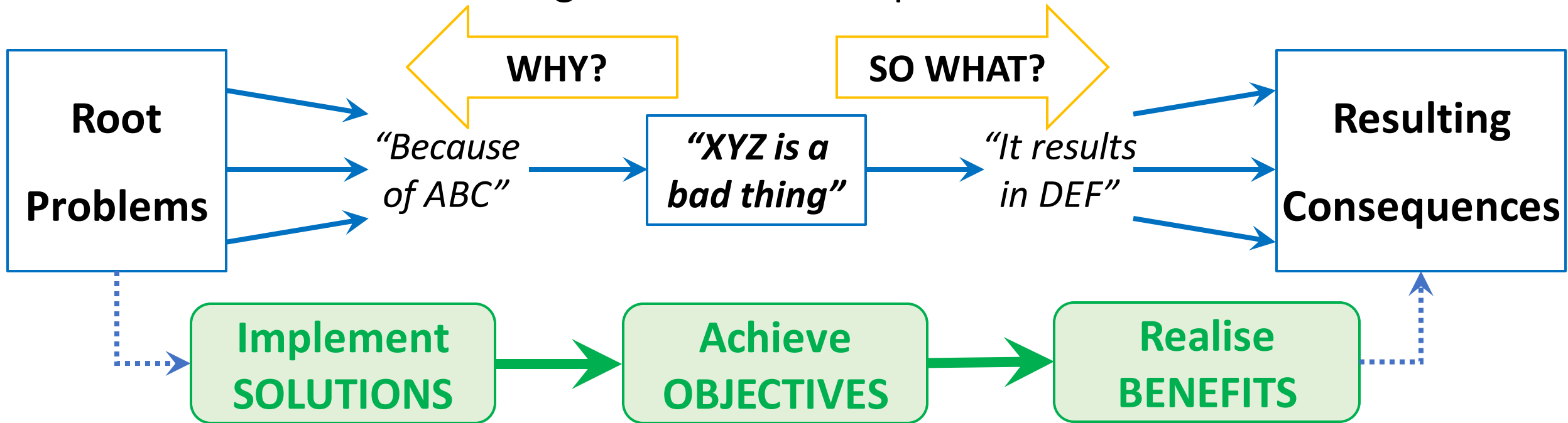
Now one step forward...

What could "passenger rail" help achieve for us?

- Need to identify Objectives we might want to use as Measures of Success
 - These might be direct/immediate impacts
 - OR they might be long-term benefits
- Using these Objectives, we could compare the relative utility of *different* possible project options (“Solutions”)

Linking Problems to Objectives

- Problems lead to various adverse Consequences
 - Problems suggest possible Solutions
 - Achieving the Objectives of these Solutions result in Benefits that mitigate those Consequences



Recall: Agreed Problems

1. Continued unreliable travel times
2. Increasing difficulty providing housing that has good access
3. Continued poor perception/experience of public transport
4. Continued reduced wellbeing for society
5. Continued degrading of environmental outcomes
6. Poor/inefficient use of space

What Objectives would counter these?

Suggested Objectives

1. More reliable travel times
2. More housing that has better access to services, etc
3. Better perception/experience of public transport
4. Improved wellbeing for society
5. Improved outcomes for environment
6. Better/more efficient use of space

Have we got these right?

Over to you! Group-work

(~15 mins)



In your tables (*move around if you wish*):

- **Group discussion** about Objectives identified
 - Have we got these right? (wording, scope, etc)
 - What is the relative importance of each Objective?
We will go around to figure out whether the Objectives are correct
- We will **report back** on what we hear
 - Adjust any Objectives if need be
- **Individual rating** of each Objective – how important are they?
 - Menti.com exercise using your smartphone (*explained later*)
 - Brief look at results and comment

Menti exercise: How important is each Objective?

You will use your smartphone to do a live rating of Objectives

- Go to www.menti.com
- Enter code number: **16 57 48**
- Allocate 100 points across all Objectives
 - Could allocate equally (eg 6 x 16.7)
 - OR weight some higher/lower
- Click "Submit"
- Overall group results will then be shown

A screenshot of the Mentimeter code entry interface. It shows a text input field with the code "16 57 48" entered. Below the input field is a blue "Submit" button. At the bottom, there is a small grey text prompt: "The code is found on the screen in front of you".

Please enter the code

Submit

The code is found on the screen in front of you

A row of colorful townhomes in shades of green, blue, red, and yellow, each with a balcony, overlooking a park area. The park features a paved path, a grassy field, and a pond. The scene is captured from an elevated perspective, showing the townhomes on the left and the park on the right.

Mark Fraser Hobsonville Land Company

Our guest speaker

Mark Fraser

- Hobsonville Land Company
- Project Director



“Land use density done well”

Go to www.menti.com

Enter code number: **16 57 48**

Ask questions during presentation





Business Cases (and where CHAT Club fits in)

Chris Morahan

Transport Engineer/Planner

Phil Twyford:

Further to the Minister's call for a transport / urban growth plan:

*"I would like nothing better than to talk to you about what this plan would look like for Canterbury and **how central government can work with your local government leadership to achieve it**"*

Talking Transport blog: <http://bit.ly/2GEGgOS>



Strategic Business Case

Is there a case for change?

Yes there is a case for increased investment in public transport in Christchurch

2041 Daily Mode Share To / From Central City (excludes walking)

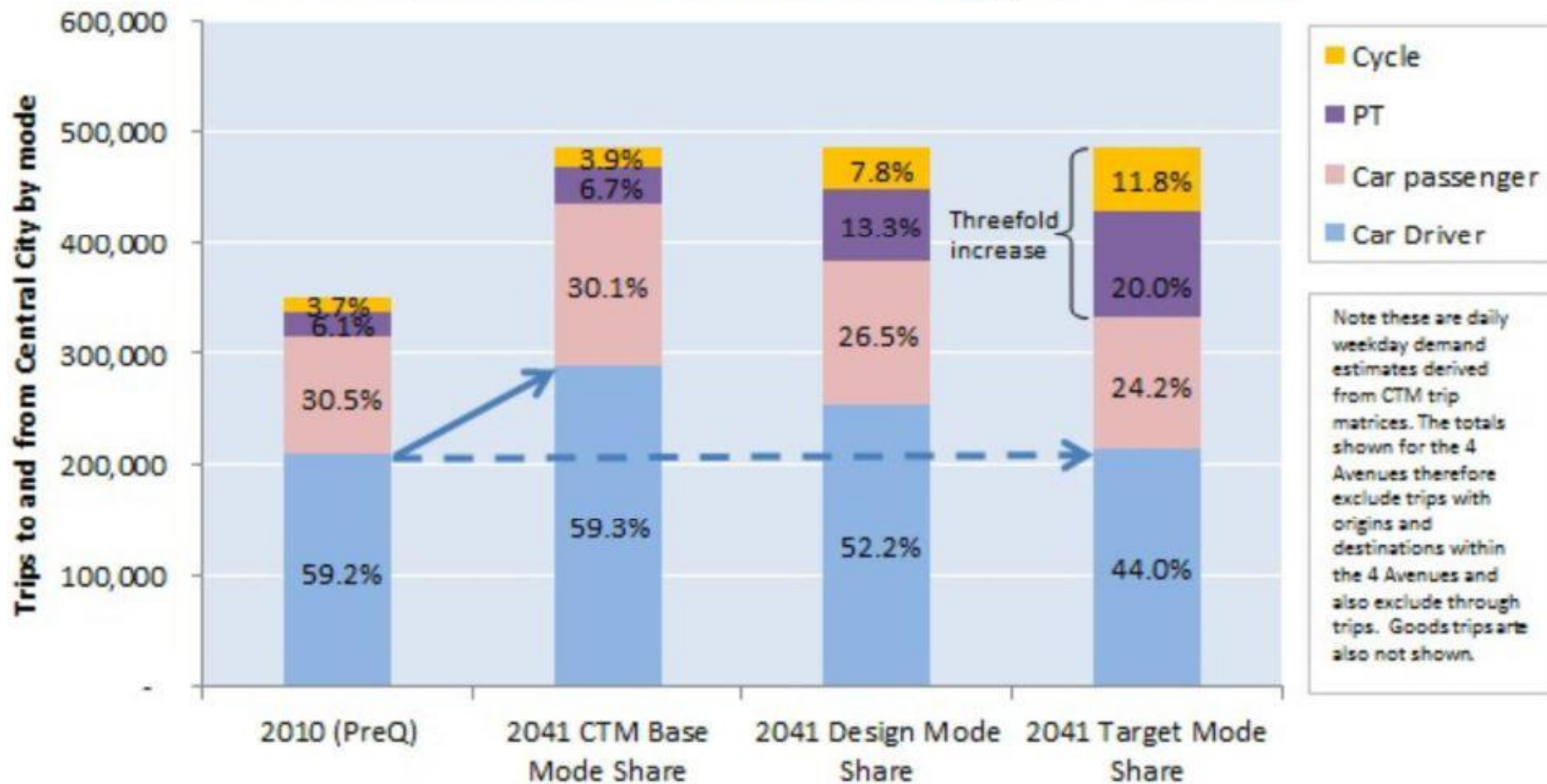
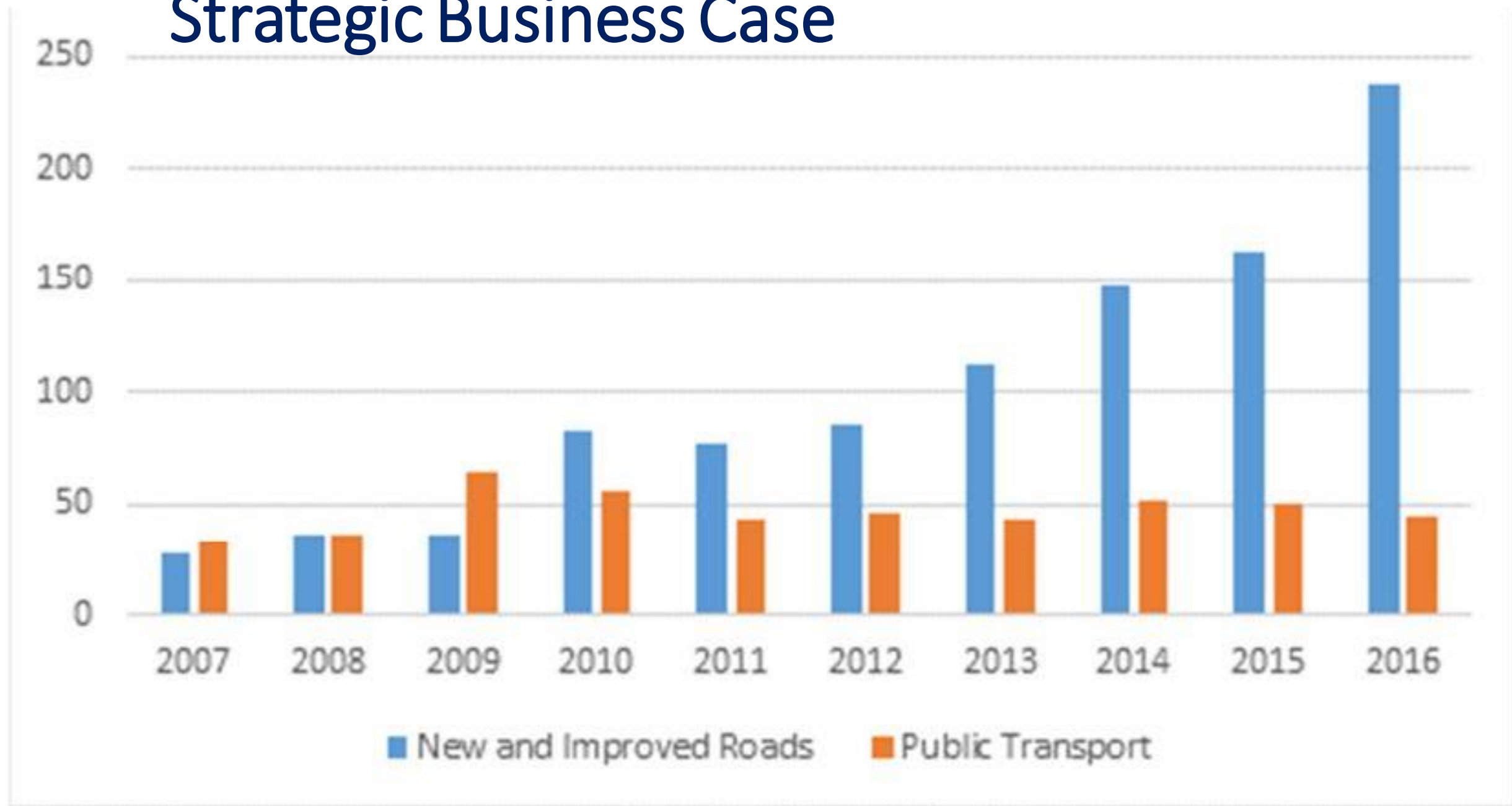
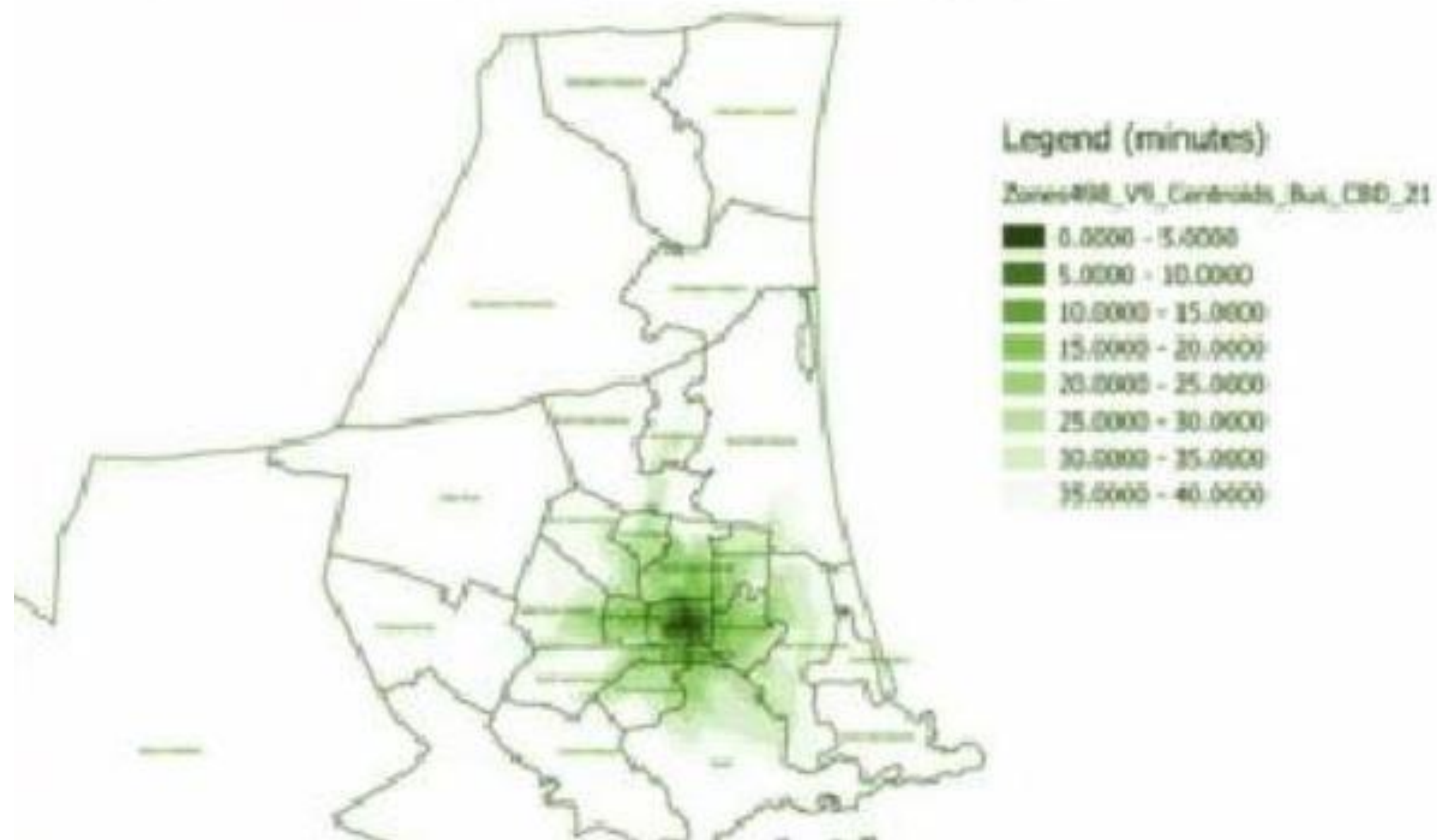


Figure 14: Transport Spending in Canterbury per Year^{xx}

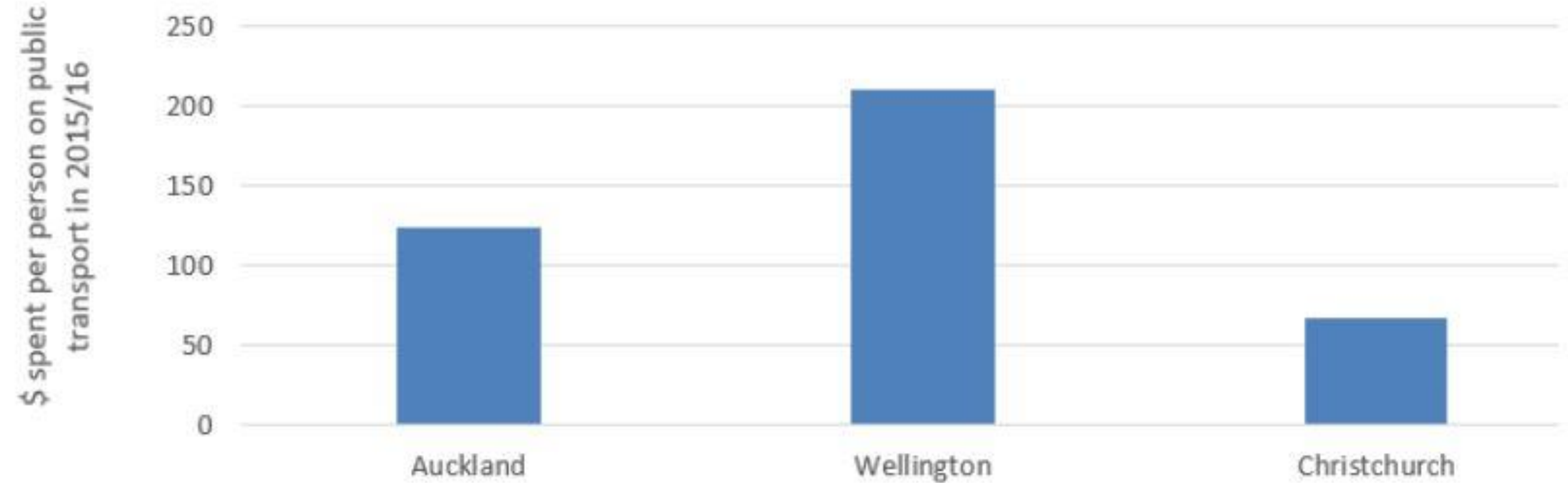
Strategic Business Case



Accessibility to CBD - 2021 AM (Bus)



Strategic Business Case



Programme Business Case

What programme of investment should be considered (i.e. what type of investment is needed)?

Rapid Transit to the north and south-west, and improved bus services to the rest of the city.

1. Foundations

- Initially increase bus frequencies
- Upgrade vehicles and stops
- Make minor bus priority improvements
- Trial demand responsive transit

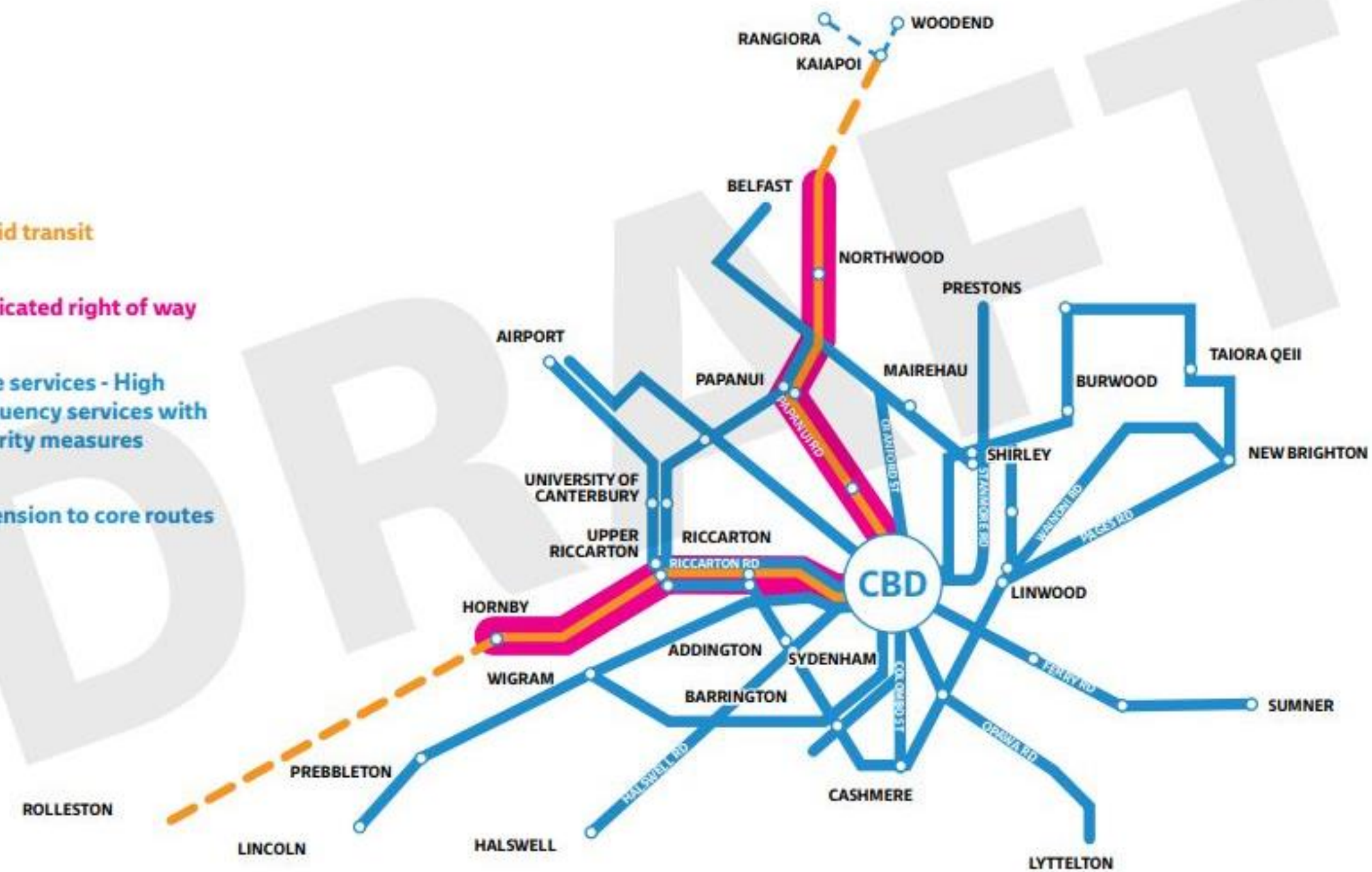
2. Rest of Network

- Increase number of core high-frequency routes from 5 to 9
- Try to make the bus lanes better (more continuous) on the Riccarton and Papanui Road corridors
- Identify and protect rapid transit corridors
- Multi-modal interchanges (park'n'ride, bike share and bike parking)
- More vehicle upgrades
- Higher frequencies and extended operating hours
- Demand responsive transit

3. Mass Rapid Transit

- Mass Rapid Transit to the north and southwest

-  Rapid transit
-  Dedicated right of way
-  Core services - High frequency services with priority measures
-  Extension to core routes



Next steps

- Detailed Business Cases
- For Mass Rapid Transit this includes figuring out:
 - Routes
 - Mode
 - Extent
 - Level of Service
 - Probably staging

Timing

Years	1 – 3		4- 10		10+	
Foundation	Business Case for Prioritised Programme or Price Level Increase	Design & approvals	2021-2031 LTP: Implementation	Operation & ongoing optimisation		
Rest of Network	Service Review	Business Case	Design & approvals	Implementation	Operation & ongoing optimisation	
Mass Transit	Business Case for Mass Transit North to Southwest		Route protection and Designations	Design & approvals	Implementation	Operation & ongoing optimisation

Figure 16 Figure 15 Indicative Programme / Sequencing

So how does CHAT Club fit in?

- Expanding the conversation
 - getting people up to speed with land-use and transport issues
 - introducing potential / novel ideas
 - obtaining feedback from you!
- Politics
 - make sure it gets traction and it gets implemented
 - raising awareness of interested parties, e.g. media
 - identifying potential roadblocks to implementation

Menti exercise: **What did you think of tonight?**

Use your smartphone to give us some feedback



- Go to www.menti.com
- Enter code number: **16 57 48**
- Write some comments (up to 250 characters)
 - What did you learn? What did you like?
 - What didn't we cover? What do you disagree with? etc, etc
(You can submit more than one comment if you wish)
- Click "Submit"
(you can wait until the end to do this survey)

A screenshot of the Mentimeter mobile app interface. It shows a white background with the text "Please enter the code" at the top. Below this is a text input field containing the code "16 57 48". To the left of the input field is a small icon of a smartphone. Below the input field is a large, rounded blue button with the word "Submit" in white. At the bottom of the interface, there is a small line of text: "The code is found on the screen in front of you".

Follow up

- We will collate your workshop contributions
 - Collect your worksheets
 - Menti survey feedback
- Report back via
 - Talking Transport: www.talkingtransport.com
 - CHAT Club Facebook page: fb.com/groups/248229305886431/
(CHAT Club – Canterbury Housing and Transport)

Next workshop – same venue in 4 weeks

- Monday, **27 May** 2019
- 6:00 to 7:30 pm
- Tautoru / TSB Space at Tūranga
- Key theme: *How do we make this happen in Canterbury?*

Talking Transport:

www.talkingtransport.com

CHAT Club Facebook page:

fb.com/groups/248229305886431/

Thank you!

- Don't forget to complete your final Menti survey (feedback)
 - Go to www.menti.com
 - Enter code number: **16 57 48**

See you next time!

givealittle.co.nz/cause/chat-club#

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