Creating New and Safer Cycleways in an Urban Environment

The Christchurch Experience

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Major Cycle Routes

• Christchurch Major Cycleway Network

• The challenges of implementation
  • Funding opportunities
  • Economics
  • Business case
  • Public engagement, consultation and decision making processes
  • Design
  • Communication, education and promotion
  • Resources to deliver

• Conclusion
Christchurch Major Cycleways Network

- Flat landscape
- Compact city
- 15% already regularly ride a bike
- 32% more would consider riding with improved facilities
Christchurch Major Cycleways Network

- Community feedback
- Planning
- Budget approval
Christchurch Major Cycleways Network

- Network of Approx. 90 Km
- $156 M
- $20 m UCP 1st 3 Years = $60 m total spend
- Connections to Southern and Northern Motorways Cycle Routes
Christchurch Major Cycleways
Network

Completed Network 2022 Approx.
Christchurch Major Cycleways Network

Existing Network
Christchurch Major Cycleways Network

Proposed Network 2018
Christchurch Major Cycleways
Network

Completed Network 2022 Approx.
Co-Investment opportunities

- Govt funding
- Common goals
- NZTA business case
The business case

- History
- Process
- Economics

**Source of Estimated Net Benefits (net Present Value)**

- Decongestion: $314.9m, 38%
- Users: $26.8m, 3%
- Health & Environment (EEM): $806.5m, 66%
- Safety (EEM): $53.8m, 4%
Public engagement

- Not in my back yard
- Explaining design requirements
- The problem with parking
Engagement, decision making

- Designers understand all user needs
- Design criteria flexibility
- Relationships with decision makers
- Joint safety audit, network functionality review
Decision making

Safety audit and network functionality project lifecycle
Education and promotion

- Marketing
- Information
- Media
- Events
- Skills sessions
Resources to deliver

• New and evolving designs
• Multiple options to consider
• Wide range of skills required
• Consultants Panel – Velos & Peleton
• Contractors Panel
Conclusion