Built to Last: Future-Proofing Auckland



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IPWEA Sustainability in Public Works Conference 14-15 May 2018





Part One: Context



Issues & Experiments



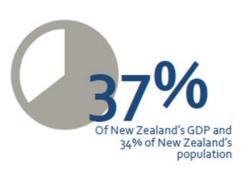
Part Three:

Better Decision-Making

Context Growth & Change

- Amalgamation, Role & Scale
- Urbanisation, Growth, Diversity
- Cost of Infrastructure & Services
- Decline of Indicators
- Changing Political Context
- Changing Climate

Urban, Diverse, Liveable















and 44% of the workforce born

overseas

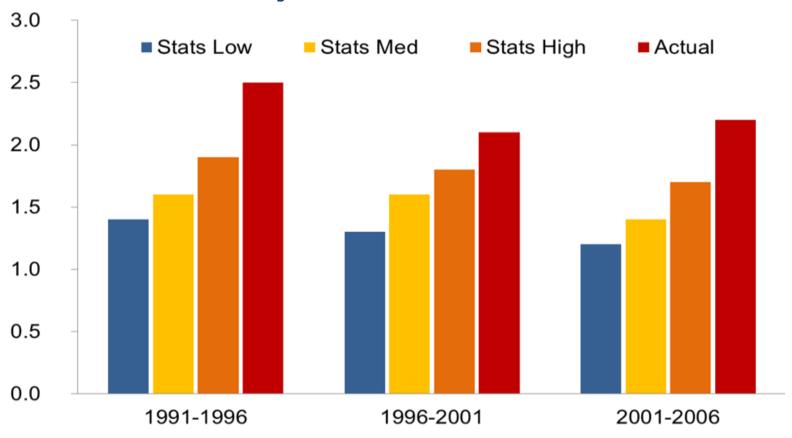


\$18.7bn

Of Aucklanders live in the urban core which is 20% of total land mass

Of assets planned for next ten years - 43% for transport, 25% for water and 13% for parks and community assets

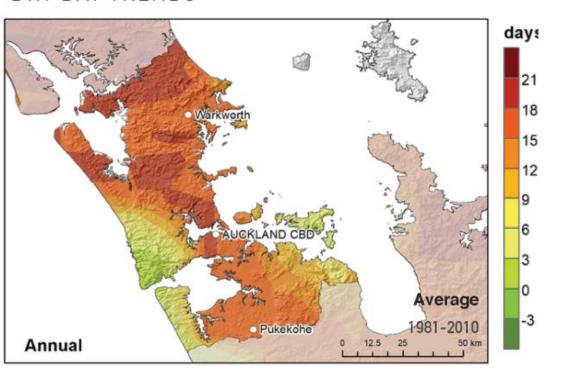
Growth Always Faster Than We Think



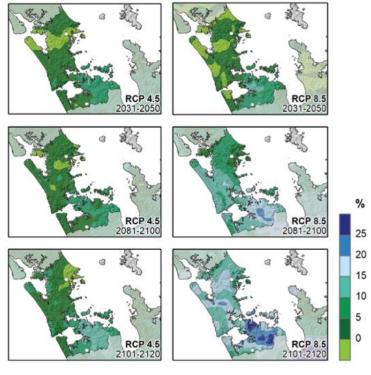
source: Statistics New Zealand, Auckland Council Chief Economist Unit

A Climate of Change

DRY DAY TRENDS



WETTEST DAY OF THE YEAR



Context Vision: A World-Class Auckland

Our six outcomes



Outcome: Transport and access







Context World-Class Built Environment









A healthy, quality and restorative built environment that nurtures human productivity, prosperity, and potential













Part One: Context



Issues & Experiments

Part Three:

Better Decision-Making

Issues & Experiments

Six Issues to Future-Proof

- 1. Limited **transport** choice w/ high emissions (39%)
- 2. **Energy** consumption up 65% in 25 years
- 3. Poor & aging **infrastructure** (e.g., housing, stormwater)
- 4. Over 1 ton/person **waste** to landfill
- 5. Impacts from historic **sprawl development** pattern
- 6. High **sea level rise** exposure and increasing **flood** risks

Issues & Experiments

Experiments to Nudge Evolution

- 1. Empower through 'waste'
- 2. Create functional, resilient excellence
- 3. Invest in transport, invest in people
- 4. Activate and humanise the city































406%

Increase in cycle trips into the city via Upper Queen Street. since 2013.

45,600

New cyclists in 2016, enough to fill Mt Smart Stadium.



BECAUSE WE'VE JUST BUILT 27KM OF **NEW CYCLEWAYS:**









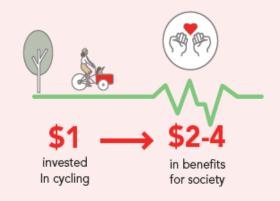
27km of new cycleways.

New connections in the cycle network has created a

increase in people on bikes using the Northwestern Cycleway.

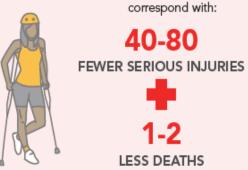


INCREASED BENEFITS



FEWER INJURIES

A 10-20% reduction in cycling related incidents would

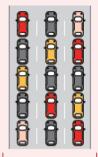


over the 10-year period 2018-2028

INCREASED SPACE

4,500 4,500 OR PEOPLE BY BIKE PEOPLE BY CAR





4,500 people are expected to travel to the city by bike (in the AM peak). This is the equivalent of three lanes of traffic.

FEWER **HEALTH COSTS**



Saving society \$1,410 in health costs per year per person cycling regularly.

LESS POLLUTION



FEWER HOUSEHOLD COSTS

Families using one fewer car could save, on average:

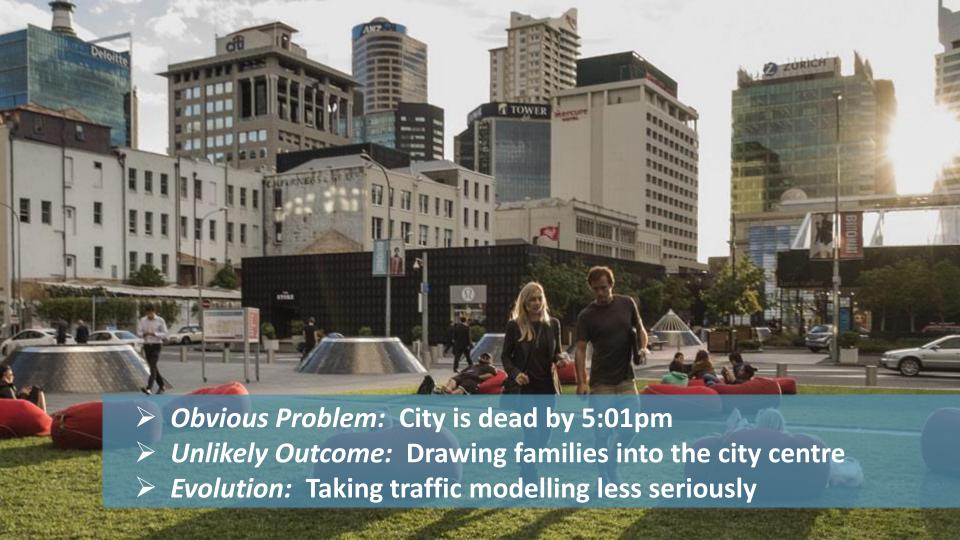
\$10,200 every year





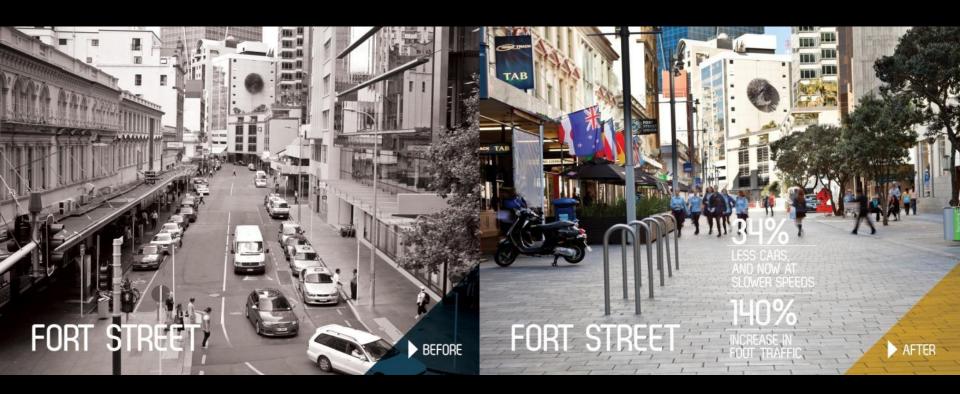


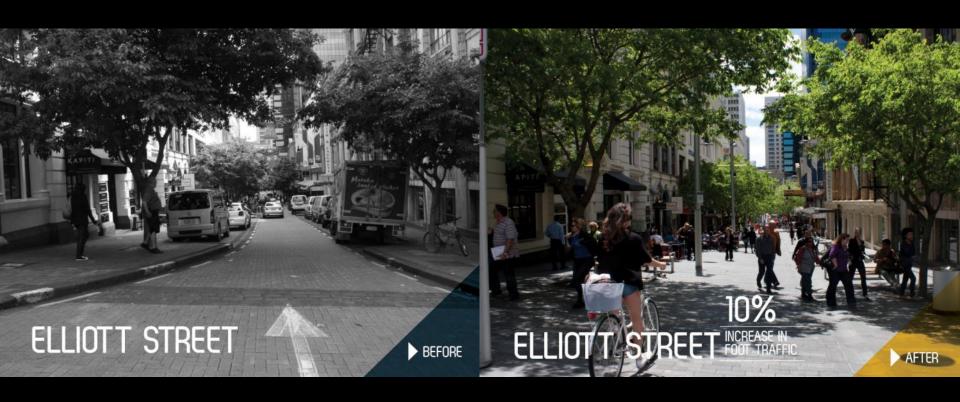


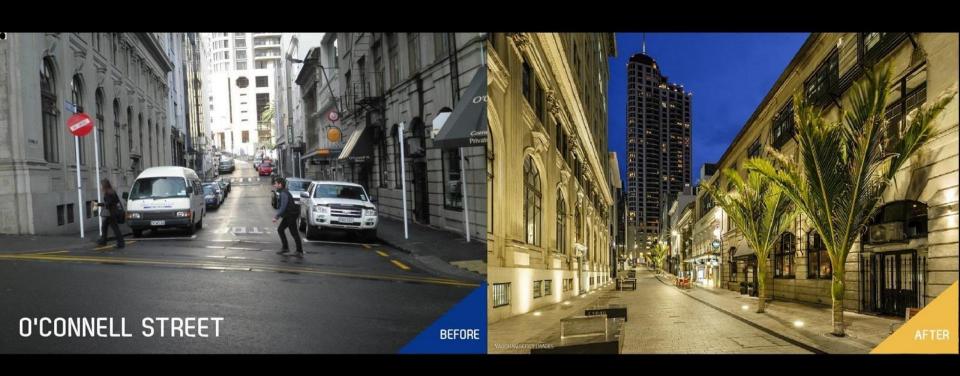




















NZ Super Fund keen to build and operate Auckland's light rail

Henry Cooke - 15:34, May 09 2018



















News

New Zealand's first sustainable sports park - setting a new direction

Posted 22 03 2018 in News





Context

Part Two:

Issues & Experiments



Part Three:

Better Decision-Making

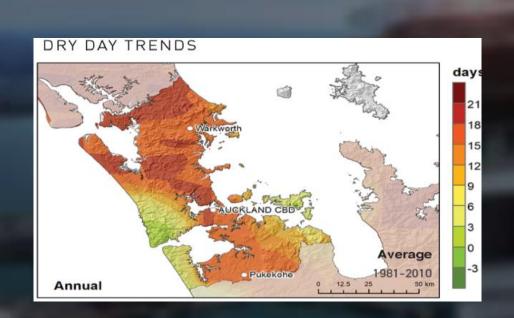
Smarter, Strategic, Future-focused

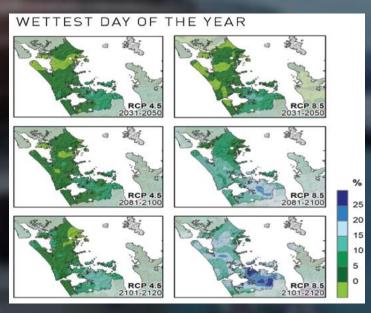
To future-proof in a changing world, we should always be:

- Hungry for information to inform longer-term thinking
- Endlessly curious and open to new ideas
- Eager to generate value beyond the bottom line
- **Zealous** in delivering multiple outcomes in partnership
- Ready to accept our mistakes
- Wise in pivoting our thinking and actions

Smarter, Strategic, Future-focused

...Hungry for information to inform longer-term thinking





Smarter, Strategic, Future-focused

...Endlessly curious and open to new ideas

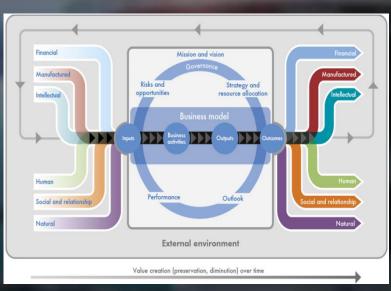


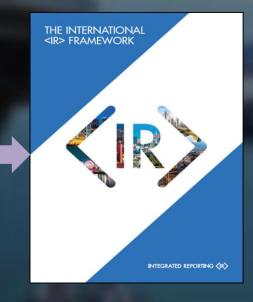


Smarter, Strategic, Future-focused

... Eager to generate value beyond the bottom line







Smarter, Strategic, Future-focused

...Zealous in delivering multiple outcomes in partnership



Smarter, Strategic, Future-focused

...Ready to accept our mistakes





Smarter, Strategic, Future-focused

...Wise in pivoting our thinking and actions





Summary Building to Last

- We face unprecedented growth & change...
 so herein lie opportunities to deliver integrated multiple benefits, to avoid major risks, and to generate value
- We're moving in the right direction in some ways... but need acceleration, scale, big experimentation, mojo
- What we build will be around for a long while...
 so let's anticipate the future & ensure today's decisions
 & investments help not hinder tomorrow's success

