



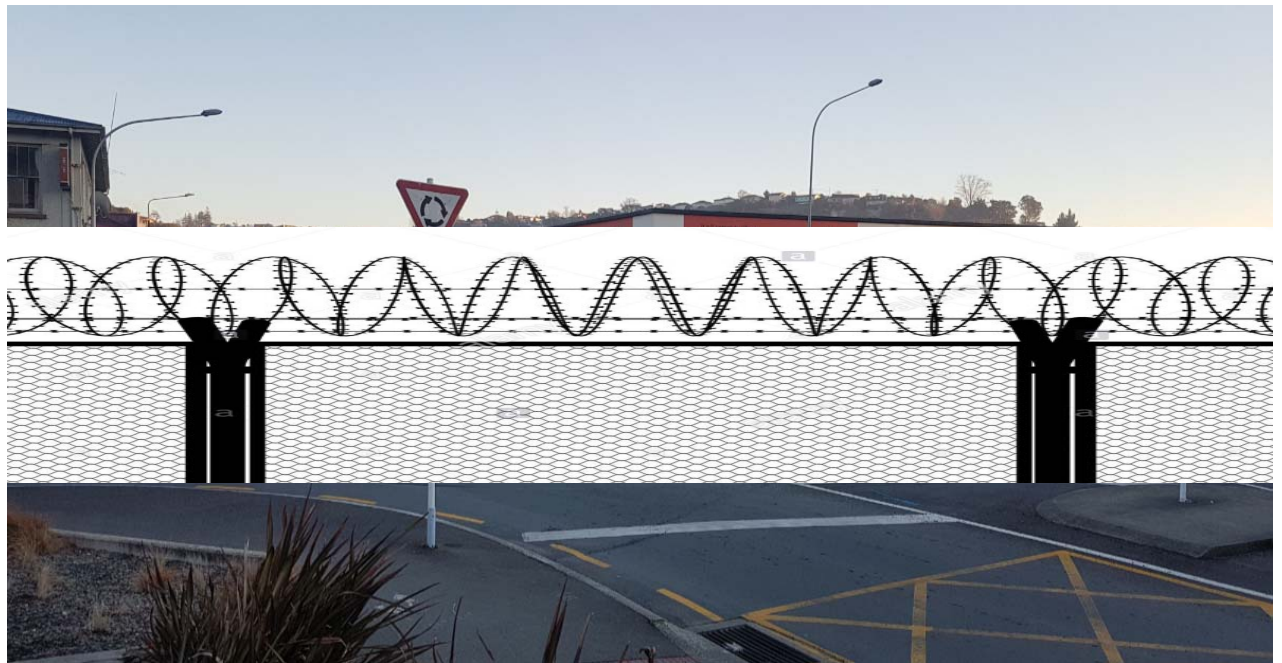
WSP | OPUS

Question
today, Imagine
tomorrow,
Creating the
future

Why Not an Urban Walking Fund

Every one walks, its not really a problem right ?

“The true test of any societies true worth is how they treat the most vulnerable members”



WSP Opus

Stats

2013 Census Primary Mode of Travel to Work (15yrs & over)

By Walking or Jogging 6.85%
(53% female)

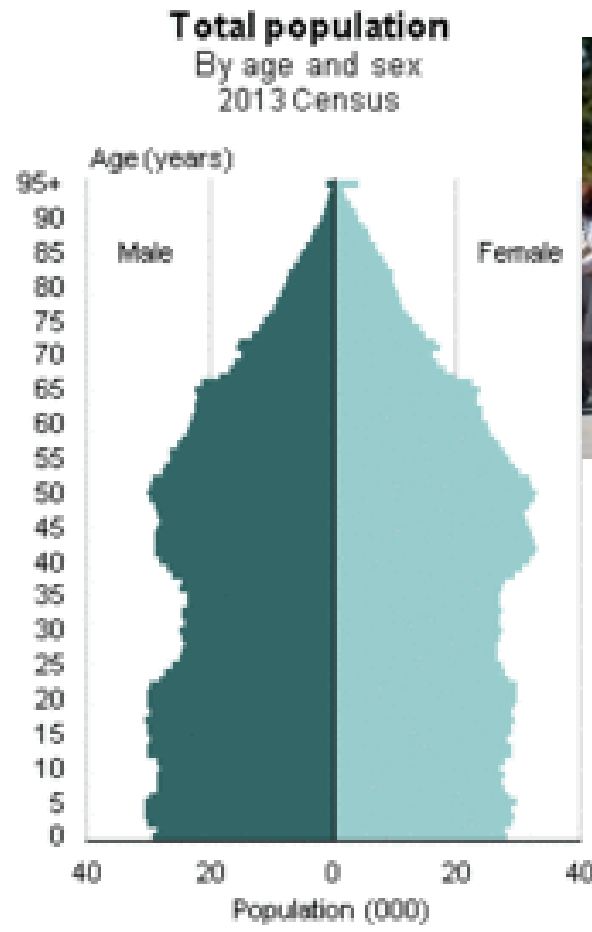
By Cycle 2.85%
(28% female)



“Every journey involves a walking segment “

Aging Population

Demographics of New Zealand



Source: Statistics New Zealand



WSP Opus

Population pyramid taken from the 2013 census

Smalled wheeled pedestrians are powering up.



Where do these fit on the network?

WSP Opus

Pedestrian CAS Crash Data

Crash List: Peds

Overall Crash Statistics

Crash Severity	Number	%	Social cost (\$m)
Fatal	167	3	783.22
Serious	1259	25	1117.29
Minor Injury	3085	60	301.51
Non-injury	614	12	15.55
	5125	100	2217.57

Crash Numbers

Year	Fatal	Serious	Minor	Non-inj
2013	32	234	612	105
2014	41	228	601	103
2015	27	254	606	76
2016	26	261	585	162
2017	41	282	681	168
TOTAL	167	1259	3085	614
Percent	3	25	60	12

Note: Last 5 years of crashes shown



8 Fatalities /per
year/ average last
5 years

*“DO WE NEED A
CORONERS DECISION
TO DRIVE US TO DO
THIS OR DO WE DO IT
OURSELVES?”*

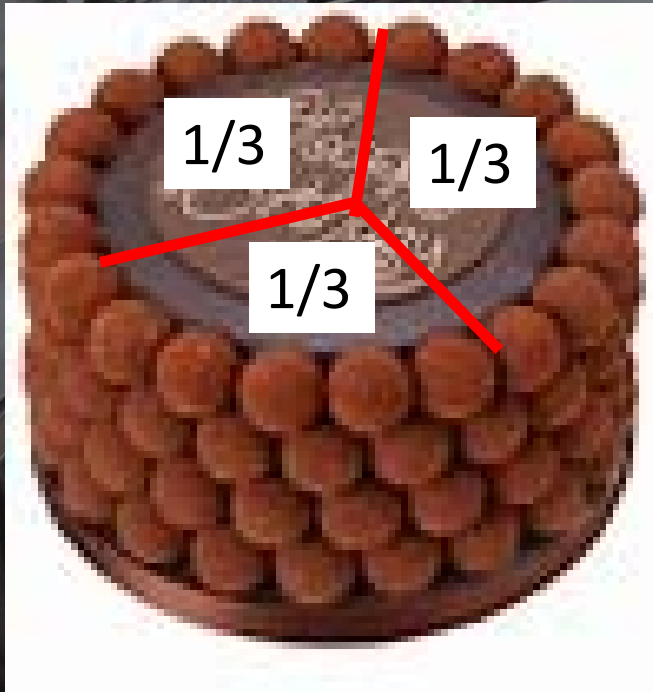
SAFER JOURNEYS FOR PEOPLE WHO WALK

CWALK SAFETY PANEL FINAL REPORT
AND RECOMMENDATIONS

DECEMBER 2019



WSJ | OPUS



Urban Cycle
Fund - \$160M



What would a walking Urban Fund look like?

Urban Cycle fund

$$4C + \pi m + \frac{(b + \sqrt{b^2 - 4ac})^\pi}{20a} + \$4M = \$160M$$

C= Crash rate per year(average 5years)

M= Census Modal share

A= Labour seats (46)

B= Greens seats (8)

C= NZ First seats (9)

Urban Walking fund

$$4(33) + \pi(6.85) + \$116M + \$4M = \$274M$$

