

Te Ara Mua – Future Streets

Engaging communities
and challenging policy

Health in All Policies Conference
1 May 2015

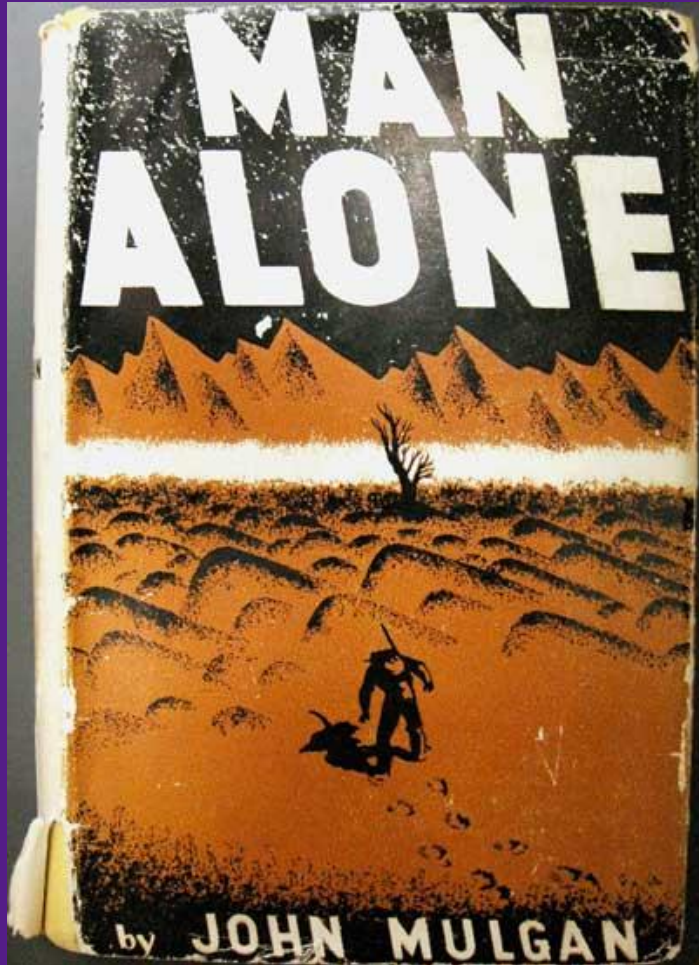
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An urban nation



The perception...



...vs the modern reality

The new public health and cities



- Increased mobility options of private car across significant distances
- Eroding ability to live actively in local environment
- Social dislocation
- Air pollutants
- Safety



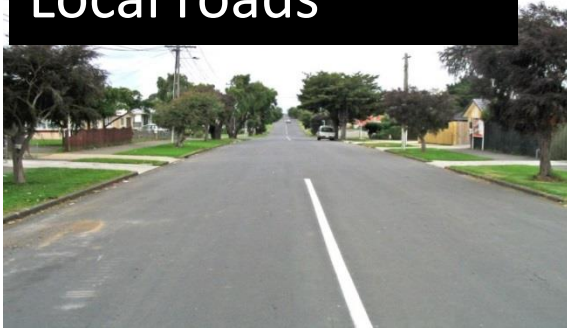
Street design and public health



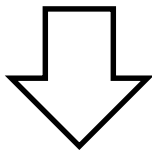
Self-explaining roads, Pt England



Local roads



Before

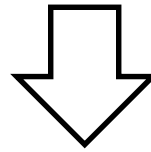


After

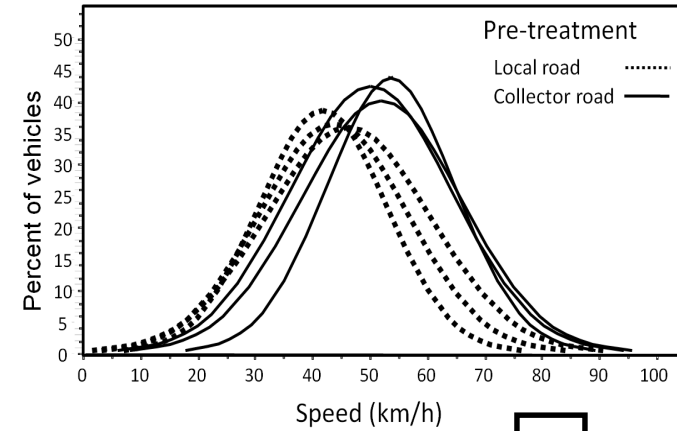
Collector roads



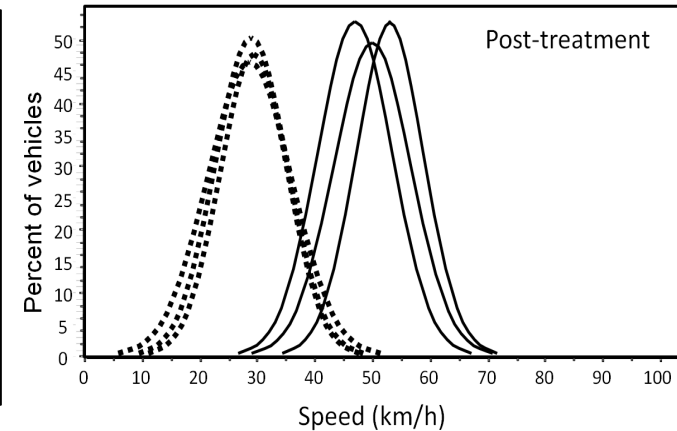
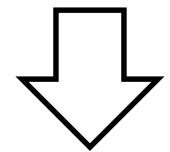
Before



After



Before



After

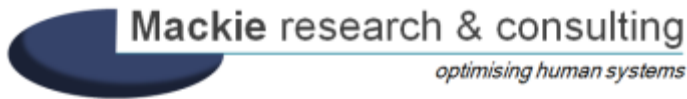
Future Streets



Research aims:

- 1. Measure and describe the integrated road safety, health, environmental and social outcomes that can result from improvements to existing urban streets**
- 2. Demonstrate a process for community participatory design and implementation**
- 3. Demonstrate the use of the Safe System approach in existing urban environments**

Future Streets Partners



**Ministry of Business,
Innovation & Employment**





**Making streets around Māngere
Central *safer* and easier to travel
around, especially by walking and
cycling; and reflecting local identity**

Research methods



FUTURE STREETS
Te Ara Mua : Auaha Mo Taeaao : Fononga Kihe Kaha'u

Future Streets is about making your streets around Mangere Central safer and easier to travel around, especially by walking and cycling.

We will be surveying Mangere residents to understand how you get around.

For more information and to talk to us:
www.futurestreets.org.nz
www.facebook.com/FutureStreetsTeAraMua

Proudly supported by Auckland Transport



Participatory research



Community members

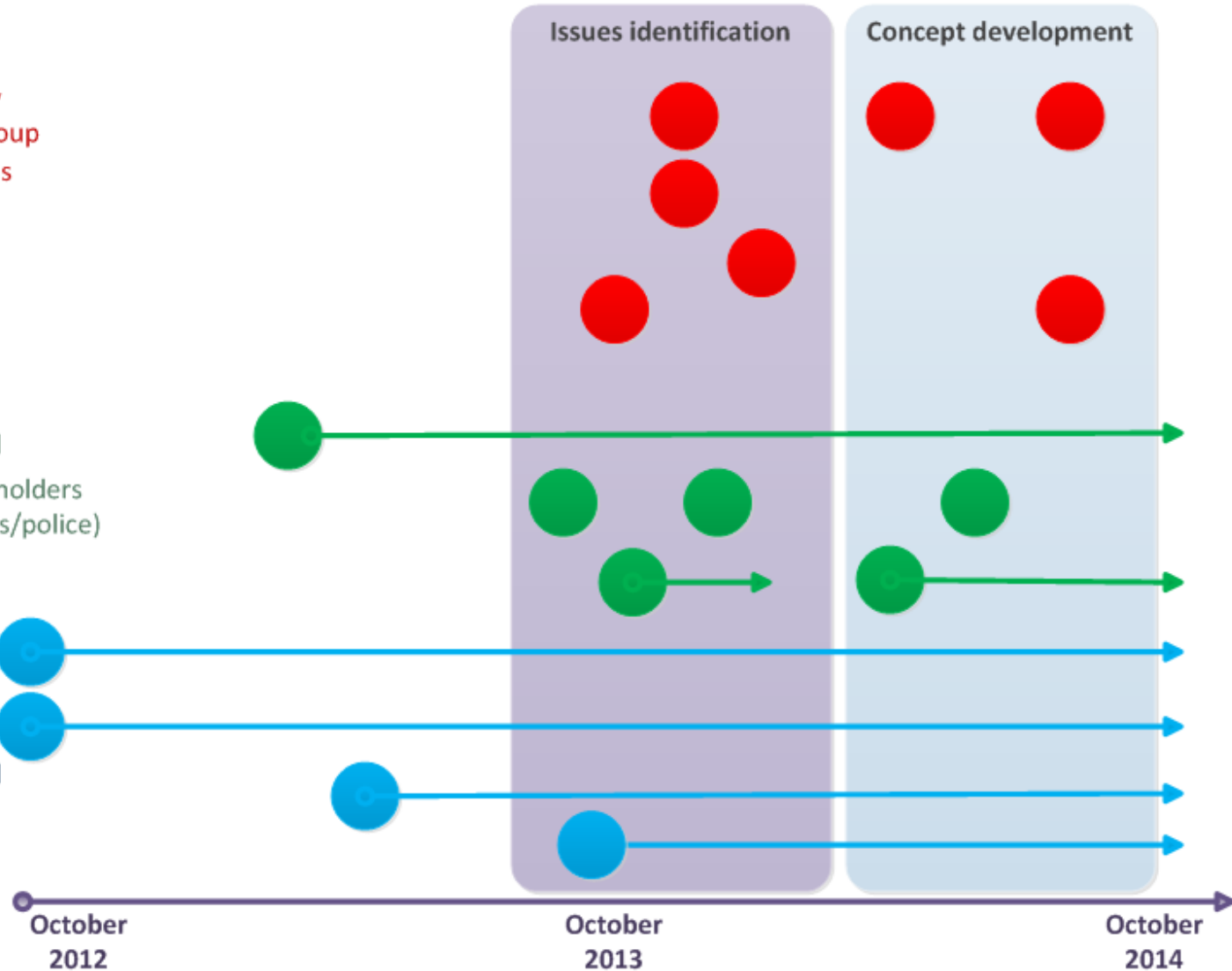
- Community advisory group
- School focus groups
- Go-alongs
- Mall stalls

Community leadership

- Local Board
- Local stakeholders (e.g. schools/police)
- Iwi/Marae

Funders

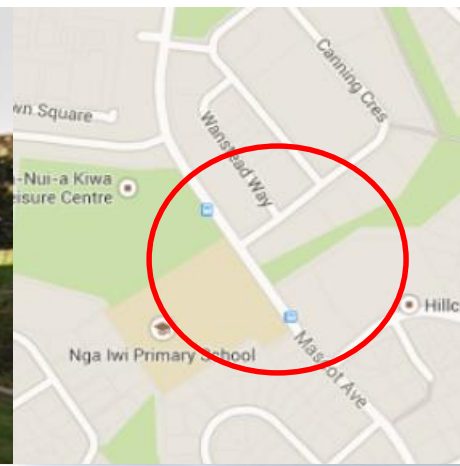
- MBIE
- AT
- Local Board
- NZTA



Participatory design







Transforming streets and other key routes



Street hierarchies

LEGEND	
ARTERIAL ROUTE	
COLLECTOR ROUTE	
LOCAL ROUTE	
EUL-DE-SAC ROUTE	
RECREATIONAL ROUTE	
KEY CYCLING	
KEY WALKING	
ARTERIAL TREATMENT	
COLLECTOR TREATMENT	
LOCAL TREATMENT	
SPECIAL TREATMENT	
WALKING ROUTES TREATMENT	



Pedestrian priority



Improved crossings and better separation

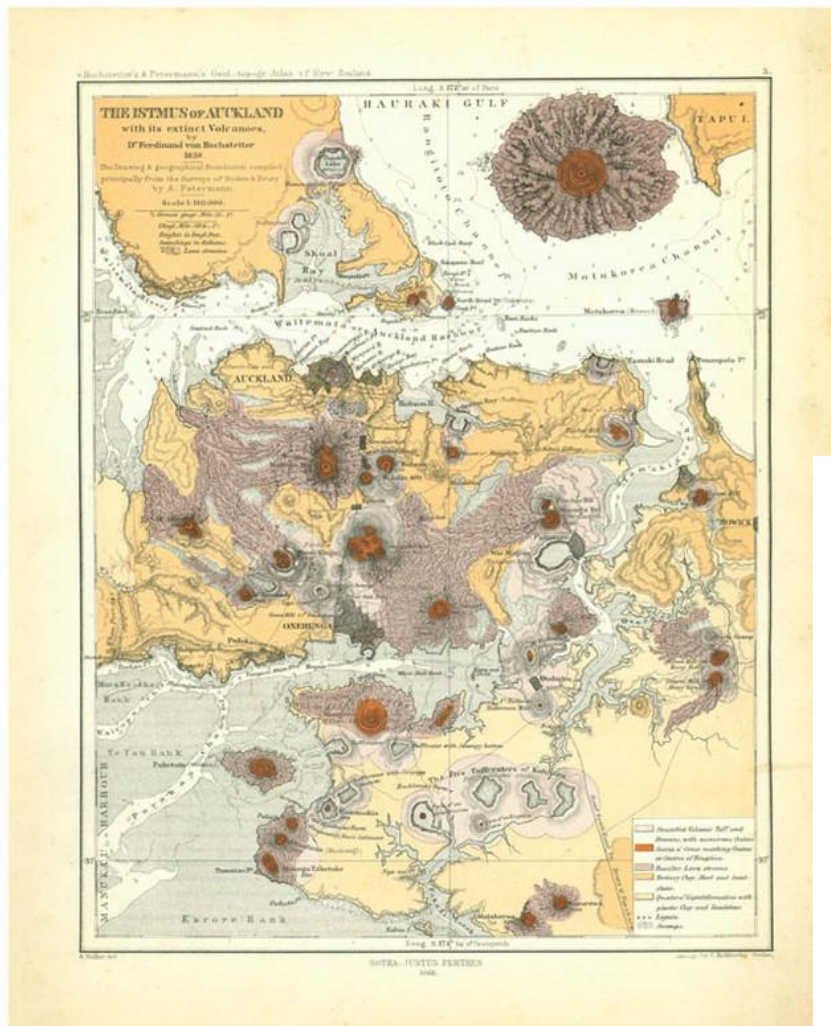


REV	DESCRIPTION	CHECKED	APPROVED	DATE	SCALE	1:1000 (A2)	NAME	DATE
1	ISSUE FOR APPROVAL	SD	DM	23/10/14				

PROJECT	MANGERE FUTURE STREET BADER DRIVE
TITLE	BADER/ORLY ROUNDABOUT OPTION 2

STATUS STAMP	PRELIMINARY DESIGN
DATE DRAWN	23 OCTOBER 2014
PROJECT NO.	4405002
DWG NO.	SC21-A
REV.	A

Mana whenua narratives



Tree species



Titoki



Niaku Palm



Cabbage Tree



Kowhai

Indigenous shrub



Flax



Small Swamp Sedge



Kiokio

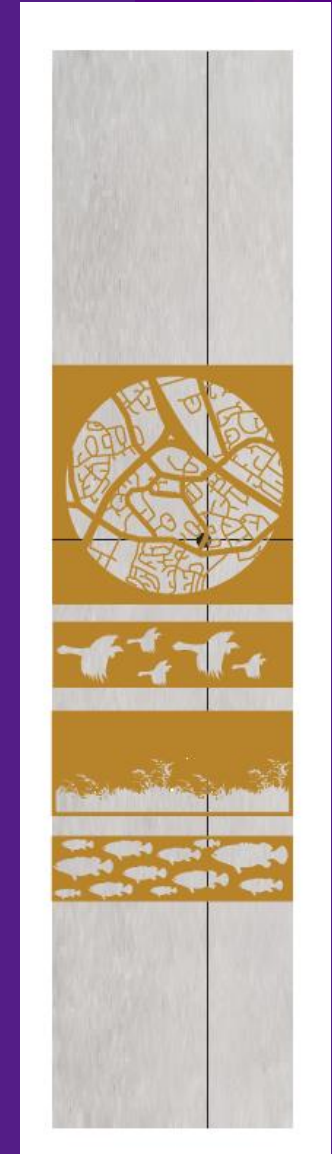
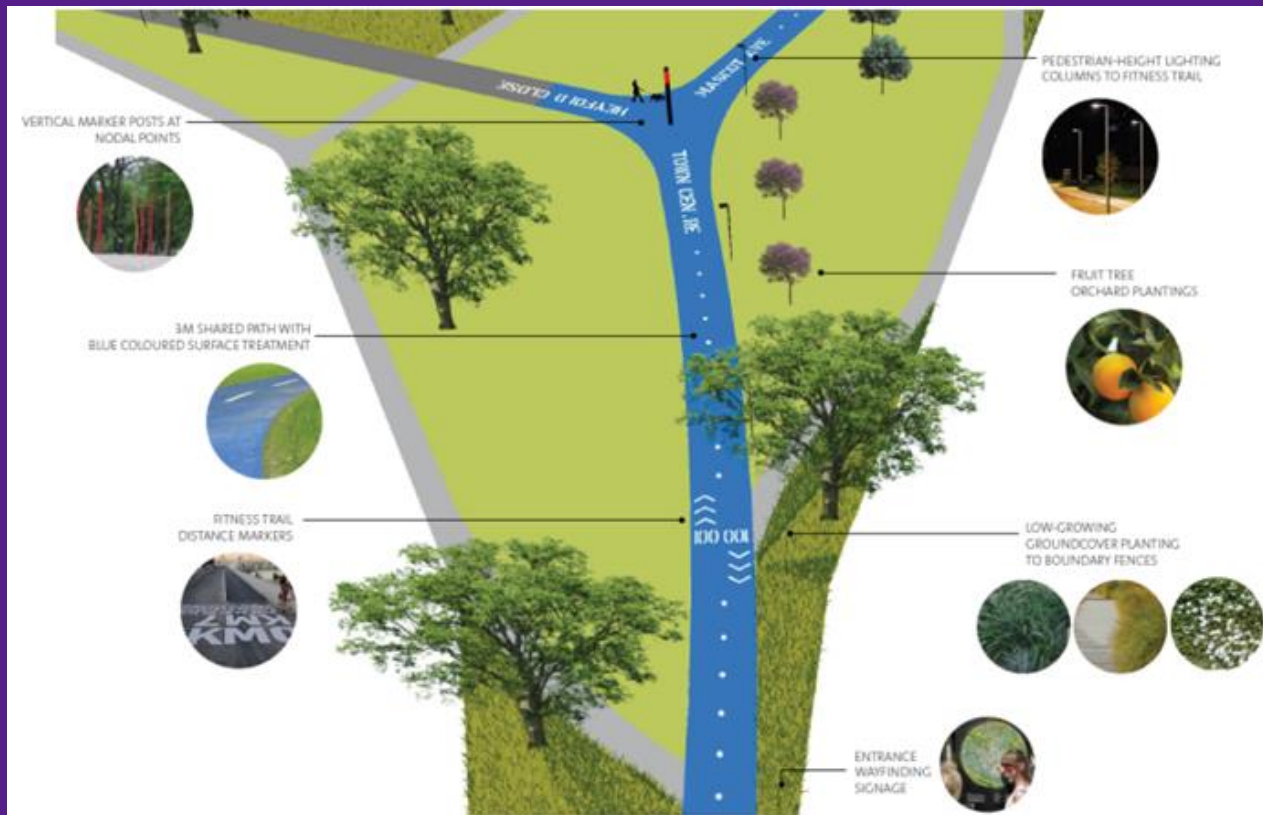


Toe Toe

Bringing to life in community trail



Applying Te Aranga principles
in key aspects of design



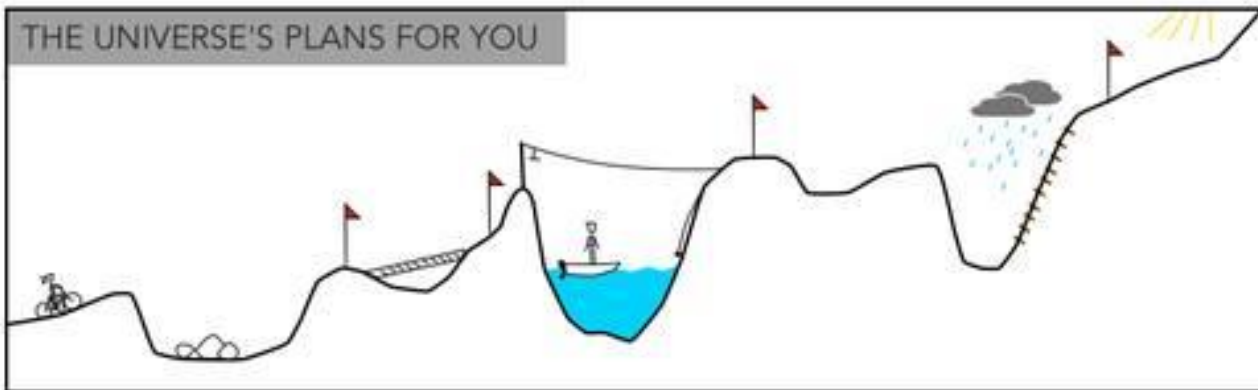
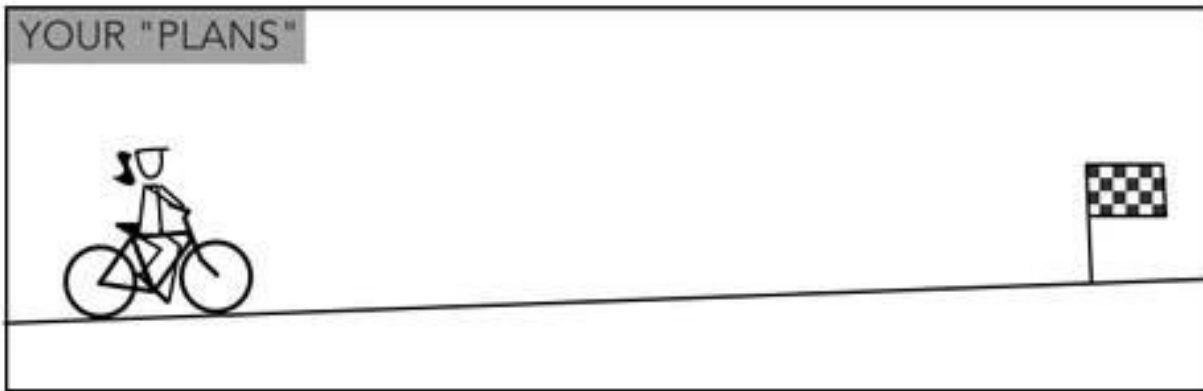
Future Streets – key steps



- Complete detailed designs and baseline surveys (2014-15)
- Construction (2015)
- Follow-up measures, modelling and economic analysis (2016)
- How-to guide (2016)
- Dissemination



One key learning so far



DOGHOUSE DIARIES

Future Streets

Acknowledgements

- Research team
- Research advisors
- Auckland Transport
- Steering group
- MBIE
- NZTA, ACC
- Community members and stakeholders

www.futurestreets.org.nz

