

# ADAPTIVE CITY DESIGN IN MOTION

PLENARY SESSION 2  
THE 5TH UCLG ASPAC TAIPEI CONGRESS  
SEPTEMBER 4, 2014  
REGENT HOTEL TAIPEI

LUDO CAMPBELL-REID  
DESIGN CHAMPION  
AUCKLAND COUNCIL



@AKLDesignChamp



ON 31 OCTOBER 2011, WORLD POPULATION WILL REACH 7 BILLION. JOIN A GLOBAL MOVEMENT FOR ALL HUMANITY.

7 BILLION ACTION [www.7BillionActions.org](http://www.7BillionActions.org) UNFPA United Nations Population Fund





2012 Laureate New York City

# CITIES IN TRANSFORMATION

LEE KUAN YEW WORLD CITY PRIZE



2010 Laureate Bilbao



# THE CITY AT A GLANCE

**1.5**  
MILLION  
PEOPLE LIVE IN THE  
AUCKLAND REGION

**180** DIFFERENT ETHNICITIES.



**70%**

OF ALL INTERNATIONAL ARRIVALS TO NEW ZEALAND ARRIVE AT AUCKLAND INTERNATIONAL AIRPORT, 20KM FROM THE CITY CENTRE.

**41%**

OF ALL NEW ZEALAND TERTIARY STUDENTS STUDY IN AUCKLAND.

**31%**

OF NEW ZEALAND'S REGION AND 32% OF ITS EMPLOYEES.

**\$60b**

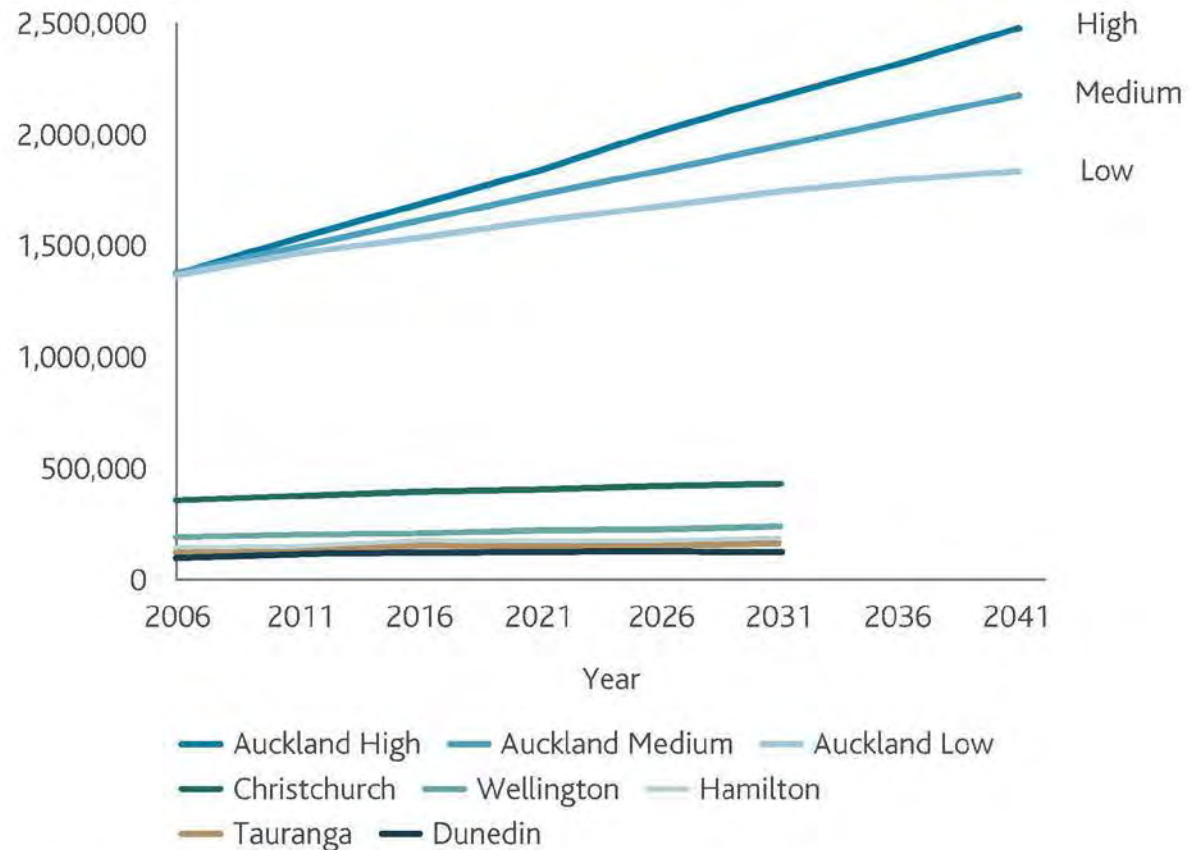
P.A. ECONOMIC OUTPUT.



AUCKLAND'S CITY CENTRE IS THE ECONOMIC AND CULTURAL HUB OF THE REGION. EVERYTHING WE DO IN THE CITY CENTRE RECOGNISES ITS PLACE IN THE REGION AS A WHOLE.

# POPULATION PROJECTION

## AUCKLAND 2006-2041



Source: Statistics NZ and Auckland Council



GREEN  
AND  
BLUE

**Auckland  
Council**

*Te Kaunihera o Tāmaki Makaurau*



# MAYOR'S VISION

Creating the world's most liveable city

## AUCKLAND PLAN

30-year vision and strategy for Auckland

### UNITARY PLAN

Policies and rules to implement the Auckland Plan

### PLACE-BASED PLANS

Spatial Plans for geographic areas e.g. Local Board area plans, City Centre Masterplan, and Waterfront Plan

### STRATEGIES

Examples: Economic Development Strategy, Waste Management & Minimisation Strategy

### LONG-TERM PLAN

Council's 10-year plan and budget

LOCAL BOARD PLAN  
3-Year plans of 21 Local Boards

### LOCAL BOARD AGREEMENT

Annual budgets of 21 Local Boards

## IMPLEMENTATION



# THE AUCKLAND PLAN



## THE WATERFRONT PLAN 2012



## THE AUCKLAND UNITARY PLAN

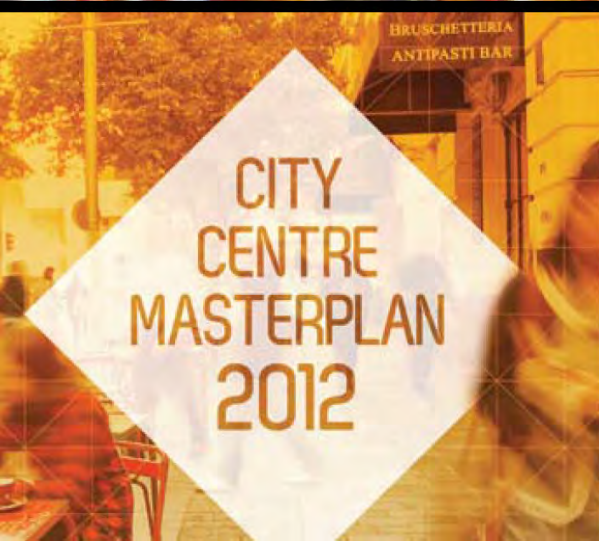


## LONG-TERM PLAN 2012-2022

## AUCKLAND'S ECONOMIC DEVELOPMENT STRATEGY



## CITY CENTRE MASTERPLAN 2012



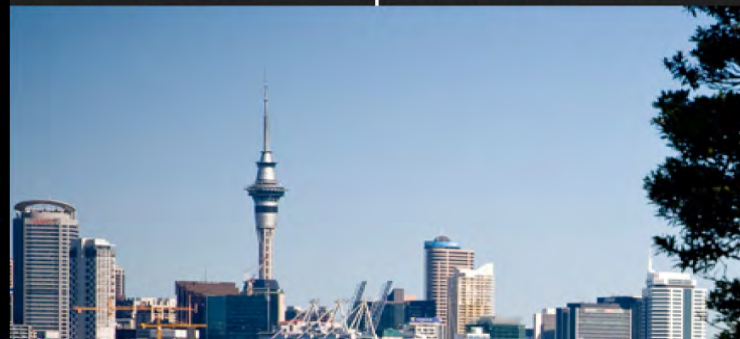
## AUCKLAND DESIGN MANUAL

TE PUKA WHAKATAIRANGA I A TĀMAKI MAKAURAU

Design for **Places**




Design for **Auckland**



## DESIGN CHAMPIONS



A map of Auckland, New Zealand, with a dark background. The map highlights two large red areas labeled '2 BIG INITIATIVES' and nine yellow circular markers labeled '9 PRIORITY AREAS'. The markers are numbered 1 through 9. A legend on the right side of the map explains the numbers and symbols. The map shows the city's layout, including the harbor and surrounding areas.

## 2 BIG INITIATIVES

## 9 PRIORITY AREAS

- 1 City Centre
- 2 The Southern Initiative
- 3 Hobsonville/Westgate and Massey North
- 4 Tamaki
- 5 New Lynn Metropolitan Centre
- 6 Takapuna Metropolitan Centre
- 7 Onehunga Metropolitan Centre
- 8 Warkworth Satellite Town
- 9 Pukekohe Satellite Town

● Town Centres

# WHAT IS A DESIGN LED CITY?

- A COLLABORATIVE PROCESS
- EMBEDS DESIGN INTO THE DNA AND CONSCIOUSNESS OF THE ORGANISATION (PLANS, POLICIES, PROJECTS + PEOPLE)
- EMPOWERS AND EXCITES PEOPLE/CITY CITIZENS
- RECOGNISES POWER OF DESIGN TO BRIDGE PROFESSIONAL AND POLITICAL DIVIDES
- RECOGNISES DISTINCTIVENESS OF TE ARANGA PRINCIPLES (INDIGENOUS CULTURE)
- BUILDS IN ADAPTABILITY AND RESILIENCE TO CHANGE/OPPORTUNITY
- NOT PRESCRIPTIVE BUT RECOGNISES CONTEXT AND SENSE OF PLACE

# TE ARANGA MAORI DESIGN PRINCIPLES

A group of people in a traditional Maori waka (canoe) are on a body of water. The waka is long and narrow, with a high, ornate prow decorated with intricate carvings and white feathers. The people inside are wearing traditional Maori clothing, including grass skirts and loincloths. In the background, a modern cable-stayed bridge spans the water, with many people walking across it. The sky is overcast, and the water is dark with white foam from the waka's wake.

- **MANA:** RANGATIRATANGA, AUTHORITY
- **WHAKAPAPA:** NAMES & NAMING
- **TOHU:** THE WIDER CULTURAL LANDSCAPE
- **TAIAO:** THE NATURAL ENVIRONMENT
- **MAURI TU:** ENVIRONMENTAL HEALTH
- **MAHI TOI:** CREATIVE EXPRESSION
- **AHI KA:** THE LIVING PRESENCE

# AUCKLAND'S DESIGN LED STRATEGY

- LEADERSHIP: SET CLEAR VISION FROM TOP
- CHAMPIONS: ESTABLISH CHAMPIONS (POLITICAL + STAFF)
- EXPERTS: APPOINT A WORLD CLASS TEAM (40+)
- POLICY DECISION MAKING FRAMEWORK: RULES, PRINCIPLES (TE ARANGA)
- REVIEW: COUNCIL PROJECTS (MPDRT) PRIVATE DEVELOPMENT (AUDP)
- CONSCIOUSNESS: 'AUCKLAND CONVERSATIONS', ENGAGE MEDIA, INSPIRE
- ENABLING: WORK WITH PRIVATE AND COMMUNITY SECTOR/ADM (COPRODUCE 'HOW TO' GUIDE)
- CHALLENGE: MODEL, MONITOR AND BENCHMARK (GEHL, PLS, CCTV, BEFORE + AFTER)



AUCKLAND CONVERSATIONS

60 SPEAKERS  
80,000 ATTENDEES



A group of children are playing in a shallow pool of water next to concrete steps. Some children are sitting on the steps, while others are standing in the water. The scene is bright and sunny, with shadows cast on the concrete. The text "WHAT IS A CITY? BUT IT'S PEOPLE" is overlaid in the center, with "William Shakespeare" below it.

WHAT IS A CITY? BUT IT'S PEOPLE

William Shakespeare

***“What is the first thing an infant wants to do and the last thing an older person wants to give up?”***



Dan Burden photo



Each additional hour spent in a car per day was associated with a 6% increase in the likelihood of obesity

Each additional kilometre walked per day was associated with a 4.8% reduction in the likelihood of obesity

AJPM American Journal of Preventative Medicine,  
Frank, Andersen and Schmid (2004)

People living in cul-de-sac environments weigh on average 6lb more than those living in connected neighbourhoods

Richard Jackson MD - USA





ELLIOTT STREET

▶ BEFORE



ELLIOTT STREET

10%  
INCREASE IN  
FOOT TRAFFIC

▶ AFTER

27%

INCREASE IN  
CONSUMER  
SPENDING

SMITH  
&  
CAUGHEY'S

ELLIOTT STREET

▶ AFTER





**Darby Street**

17 Nov 2009

[eyeonauckland.com](http://eyeonauckland.com)



12 May 2013



FORT STREET

▶ BEFORE



FORT STREET

▶ AFTER

34%  
LESS CARS,  
AND NOW AT  
SLOWER SPEEDS

140%  
INCREASE IN  
FOOT TRAFFIC

439%



INCREASE IN HOSPITALITY SPENDING

91%

USERS WERE  
COMPLIMENTARY  
ABOUT THE CHANGE

97%

WILL USE THE AREA  
AS OFTEN OR MORE  
THAN BEFORE

THE FORT  
STREET AREA

▶ AFTER







# PRIVATE DEVELOPMENT



# BRITOMART PRECINCT.





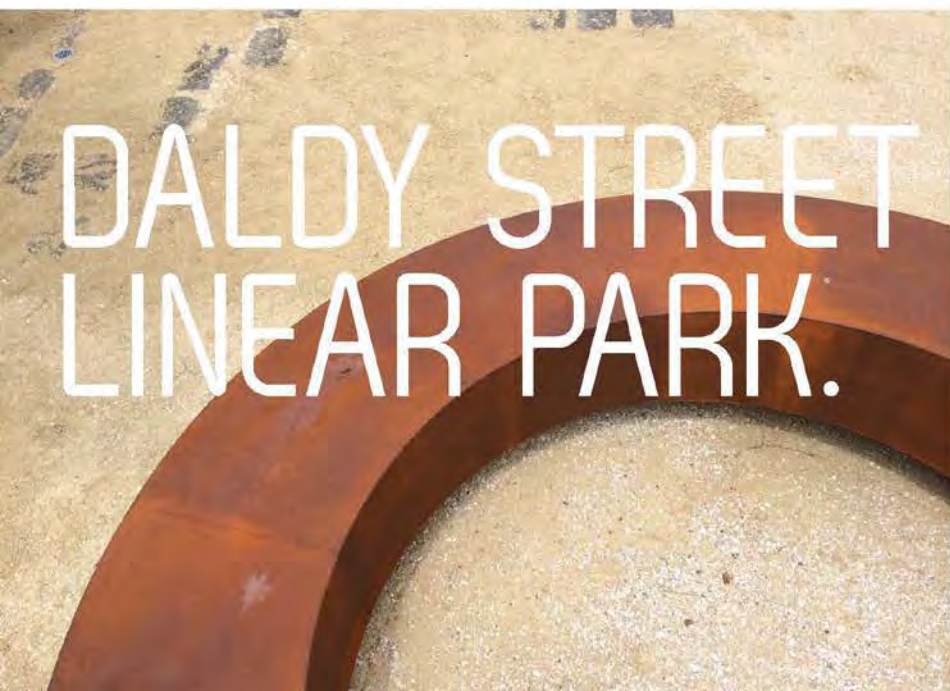








SILO PARK.



# WORLD BUILDING OF THE YEAR

AUCKLAND ART GALLERY TOI O TĀMAKI

TO ALBERT PARK







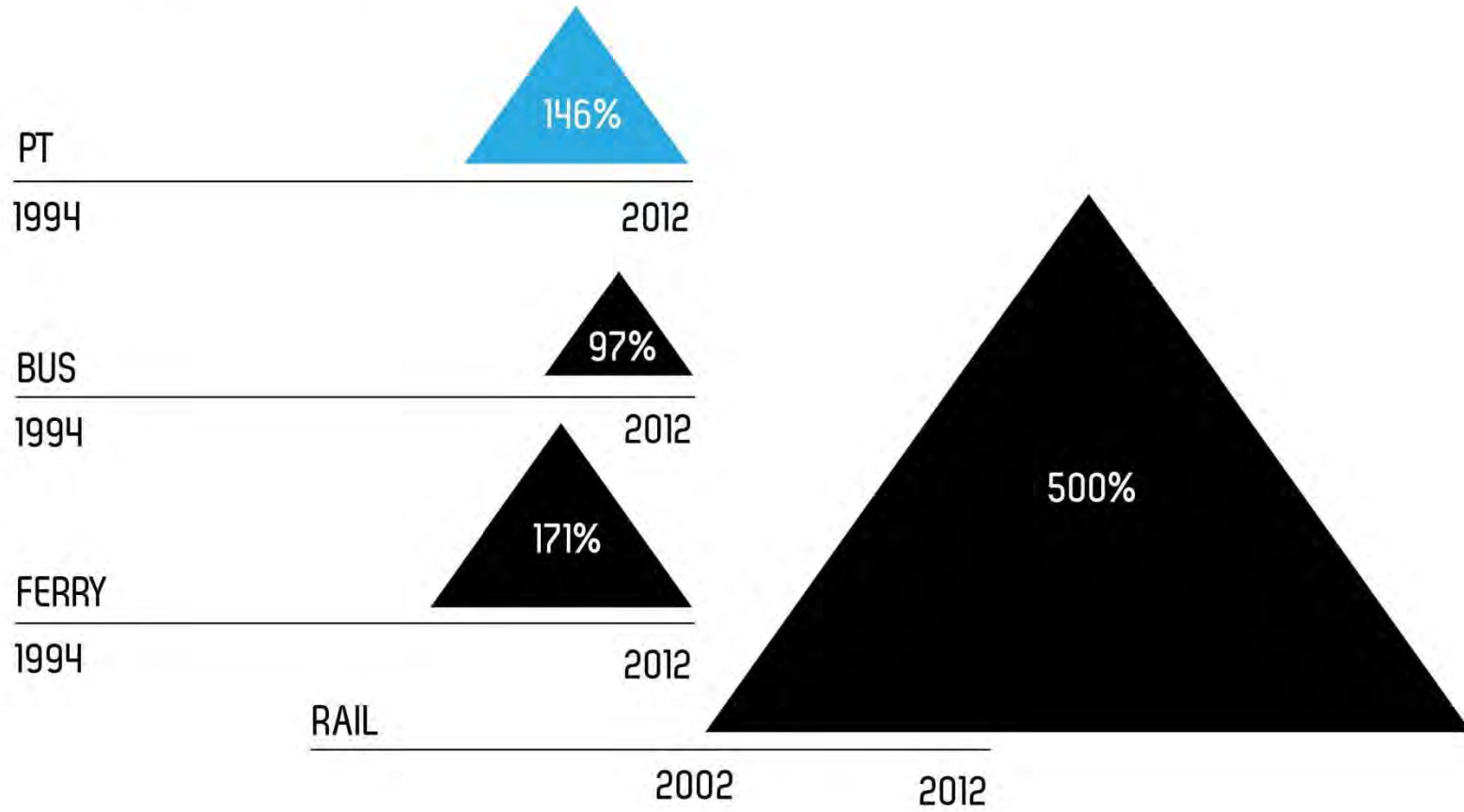
INTEGRATED  
PUBLIC  
TRANSPORT



# THE GROWTH OF RAIL

TOTAL PEAK RAIL PATRONAGE (7AM-9AM) INTO THE CITY CENTRE SINCE 1986

**THE CENTRAL AREA PASSENGER TRANSPORT SURVEY.**  
UNDERTAKEN ANNUALLY SINCE 1986, FOCUSES ON BUS, TRAIN AND FERRY PASSENGERS  
ENTERING THE AUCKLAND CENTRAL AREA (SCREENLINE 70)

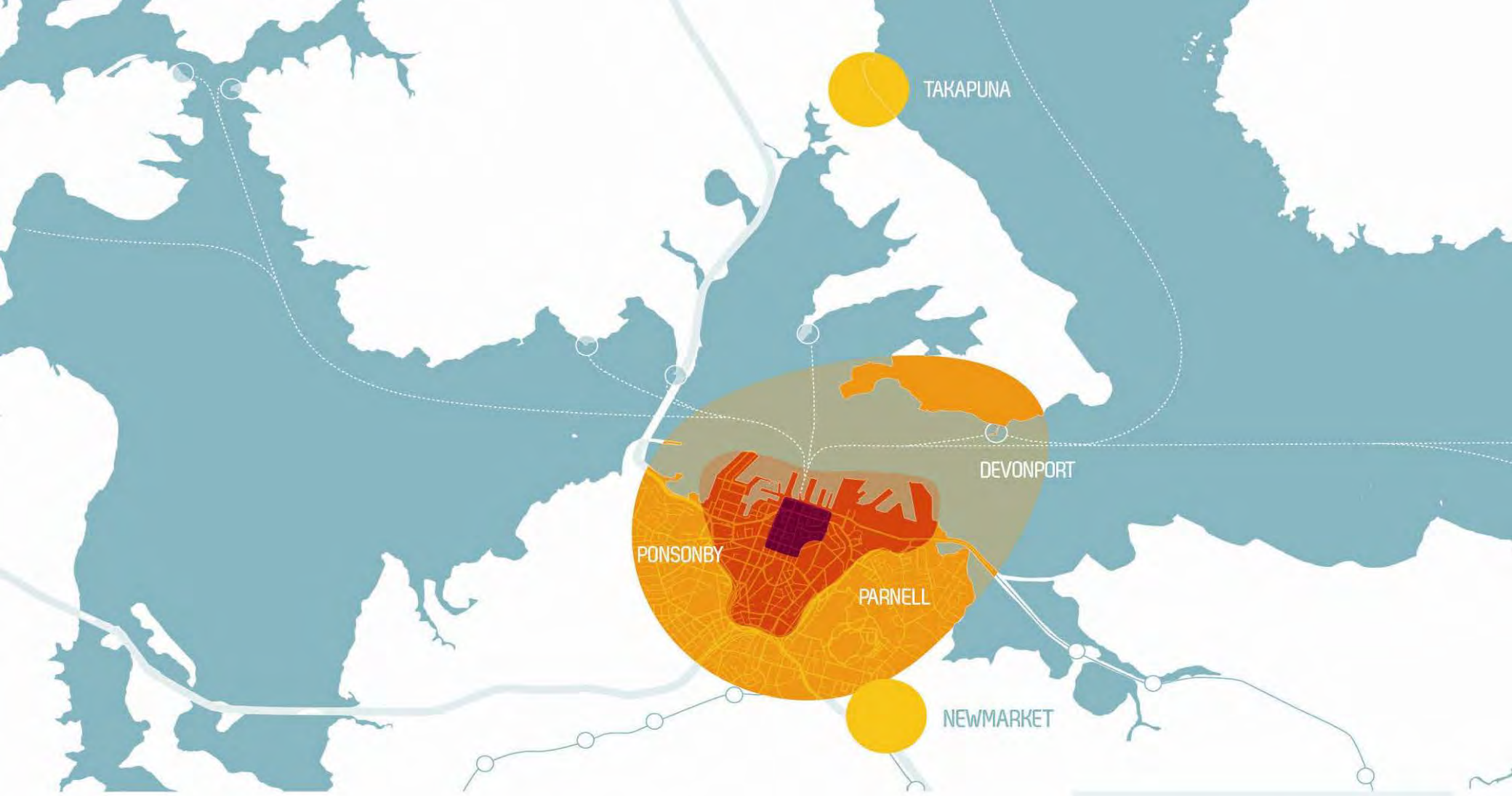


SO WHERE TO NEXT?

CHAPTER 2: 'STRATEGY IN ACTION'



# CITY CENTRE MASTERPLAN 2012



# THE GEOGRAPHY OF THE MASTERPLAN

**AREAS DISCUSSED IN THE MASTERPLAN**

- The Engine Room
- City Centre
- Supporting Centres
- City Fringe

# THE STRATEGY: EIGHT TRANSFORMATIONAL MOVES



01

## HARBOUR EDGE STITCH

- uniting the waterfront with the city centre



02

## THE EAST- WEST STITCH

- connecting the western edge of the city to the centre



03

## THE ENGINE ROOM

- Queen Street valley, the CBD and retail district



04

## INNOVATION CRADLE

- nurturing the innovation and learning cradle



05

## CITY RAIL LINK

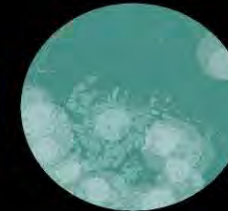
- new public transport stations and development opportunities at Karangahape Road, Newton



06

## THE GREEN LINK

- connecting Victoria Park, Albert Park and Auckland Domain with the waterfront as part of a blue-green network



07

## CITY TO THE VILLAGES

- connecting the city and the fringe



08

## WATER CITY

- revitalising the waterfront



# 01



## HARBOUR EDGE STITCH

Uniting the Waterfront  
with the City Centre





Quay Street - Existing



Quay Street - Potential



# 03

## THE ENGINE ROOM

Queen Street Valley, the CBD  
and Retail District





# 05

## CITY RAIL LINK

New Public Transport Stations  
and Development Opportunities at  
Karangahape Road, Newton  
and Aotea Quarter





KEY

- 1 Britomart Station
- 2 Aotea Station (new)
- 3 Karangahape Road Station (new)
- 4 Newton Station (new)
- 5 Mt Eden Station
- 6 Grafton Station
- 7 Newmarket Station
- 8 Parnell Station (new)
-  Station Catchment
-  Ferry



# 06

## THE GREEN LINK

Connecting Victoria Park, Albert Park  
and the Auckland Domain as Part of a  
Blue-Green Park Network





Victoria Street Linear Park - before



Victoria Street Linear Park - potential



# 07

## CITY TO THE VILLAGES

Connecting the City  
and the Fringe



Old Nelson Street off ramp - Existing



Old Nelson Street off ramp - Potential



Old Nelson Street off ramp - Potential

The background is a blue-toned map of a city. A central horizontal area, representing a waterfront or riverfront, is highlighted with a semi-transparent purple wash. This area is framed by two thin, white, wavy lines that follow its irregular shape. The rest of the map shows a dense grid of streets and building footprints in a lighter blue color.

# 08

## WATER CITY

Revitalising the  
Waterfront

THE  
WATERFRONT  
PLAN 2012





# WATERFRONT GOALS

To achieve this vision and promote a balance of sustainability, resilience and productivity, Waterfront Auckland has set five goals for Auckland's waterfront to be advanced by bold leadership.



## A BLUE-GREEN WATERFRONT

A resilient place where integrated systems and innovative approaches are taken to enhance the marine and natural ecosystems, conserve natural resources, minimise environmental impacts, reduce waste, build sustainably and respond to climate change.



Westhaven Marina



## A PUBLIC WATERFRONT

A place for all Aucklanders and visitors to Auckland, a destination that is recognised for its outstanding design and architecture, natural environmental quality, public spaces, recreational opportunities, facilities and events; a place where we protect and express our cultural heritage and history, and celebrate our great achievements as a city and nation.



Wynyard Quarter



### A SMART WORKING WATERFRONT

Attracts high-value, innovative, creative and green businesses and investment to achieve a significant lift in productivity, a place for authentic and gritty waterfront activities: the marine and fishing industries, water transport and port activities.



Fishing industry, Wynyard Quarter



### A CONNECTED WATERFRONT

A place that is highly accessible, easy to get to and to move around in, where people feel connected to the wider city and beyond by improved pedestrian and cycling linkages, fast, frequent and low-impact passenger transport, state-of-the-art telecommunications and through supportive community and business networks.



Wynyard Crossing, Wynyard Quarter



### A LIVEABLE WATERFRONT

The location of leading sustainable urban transformation and renewal in Auckland; the most liveable New Zealand central city urban community; a vibrant mix of residents, workers, visitors and activities. A welcoming and resilient neighbourhood that is safe, diverse and attractive, with plentiful open space and access to local services and facilities.



Latitude 37 apartments, Viaduct Harbour

SUSTAINABLE  
DEVELOPMENT  
FRAMEWORK  
2013\_



# SDF - Strategies

## Five key strategies to deliver the SDF objectives

High  
performance  
green buildings

Renewable  
energy

Sustainable  
transport

Exemplar  
projects

Adaption to  
change



# Jellicoe Street – Before & After



JELICOE STREET PRECINCT – As it was

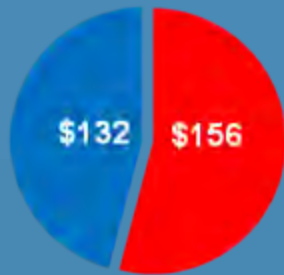


JELICOE STREET PRECINCT – Today



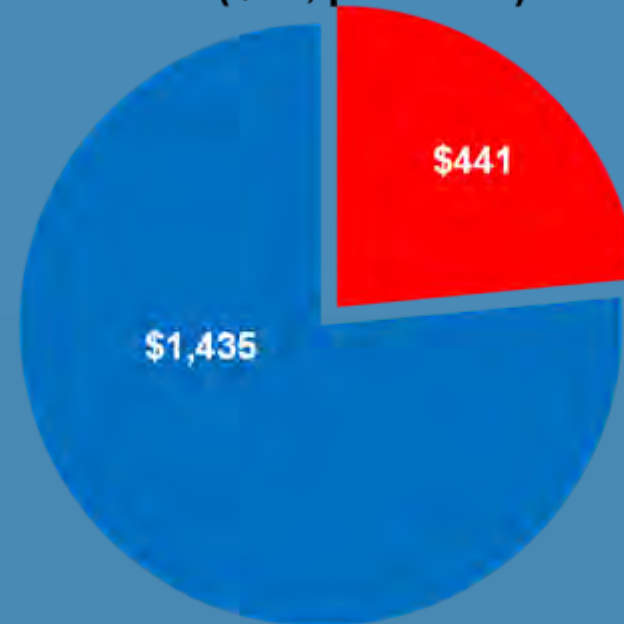
# Leveraging the Public Investment to Date

Wynyard Quarter  
Investment to June 2012  
(\$m, actual)



■ Council Investment ■ Private Investment

Wynyard Quarter  
Investment to June 2022  
(\$m, planned)



■ Council Investment ■ Private Investment



# What's coming next on the waterfront? Public /Private partnerships





TAKEAWAYS: WHAT HAVE WE LEARNED?



To Do List:

**SET A PLAN IN MOTION**

(AND DON'T GET DISTRACTED)



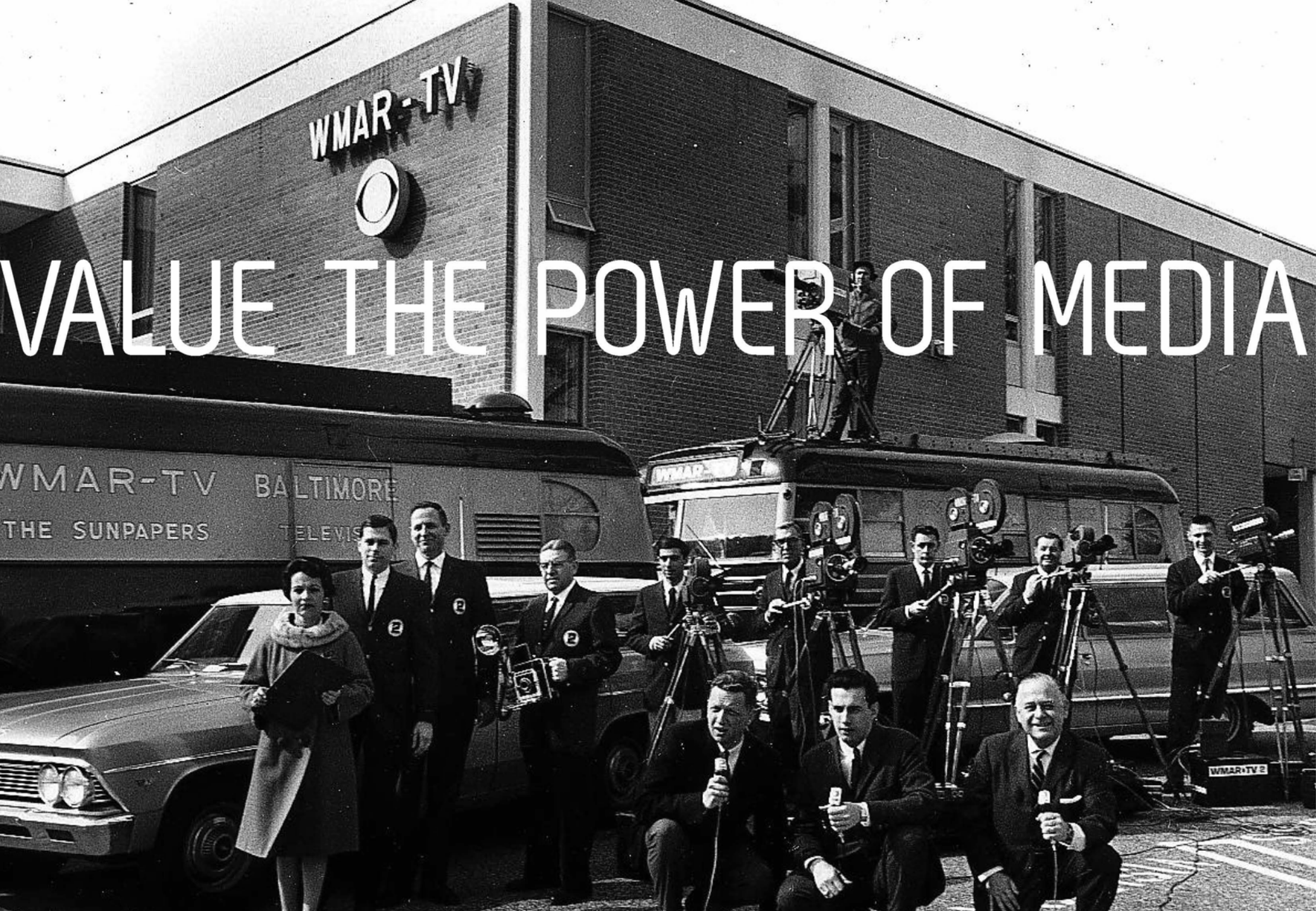
DEVELOP PARTNERSHIPS

WMAR-TV



VALUE THE POWER OF MEDIA

WMAR-TV BALTIMORE  
THE SUNPAPERS TELEVISION



4:00 AM Friday Jun 19, 2009



The New Zealand Herald

## ***Editorial: Shared streets fine if balance can be struck***

Inner-city street designers spend a good deal of time and effort trying to reconcile pedestrians and cars. Streets may be reduced to service lanes, footpaths widened, crossings broadened, parking bays provided, cafe tables permitted and public furniture artfully placed. But it seldom works to even the designers' satisfaction for very long. Every few years they tear up the paving and try a new layout.

Now the Auckland City Council's urban design group have proposed something entirely different: rather than try to separate people and cars, they suggest, let them mingle. To that end, the council's transport committee has agreed to remove footpaths and car-parking spaces from a number of narrow streets in the inner city and allow pedestrians to stroll in the traffic. . . .

The image features two white, textured paper cups lying on their sides on a plain white surface. A long, light-brown string of twine is scattered across the scene, with one end attached to the rim of the cup in the upper right. The string forms a complex, tangled pattern on the right side of the image. The word "COMMUNICATE" is printed in a bold, black, sans-serif font, centered horizontally and partially overlapping the string and the cups.

**COMMUNICATE**



MEASURE THE CHANGE



WORLD  
EVENTS

# HOW DO YOU FEEL ABOUT AUCKLAND COMPARED TO TEN YEARS AGO?

47%  
MORE PROUD

"ALL OF A SUDDEN, PEOPLE AREN'T JUST TALKING ABOUT A BETTER PLACE. THEY'RE DISCOVERING ONE EVERY DAY THEY WALK OUT THE DOOR."

"IT'S WEIRD FOR ME TO ADMIT THAT IT WAS A SPORTING EVENT THAT MADE ME FEEL DIFFERENT ABOUT AUCKLAND"

"THERE'S A HEART STARTING TO FORM IN AUCKLAND. AN AESTHETIC AND PHILOSOPHY THAT AUCKLAND'S EMBRACED."

"I HAVE SEEN IN MY LIFE, AT 72, THE CREATION OF THE BEGINNING OF A GREAT CITY."



“

”

THE WORLD'S LOOKING AT AUCKLAND  
SAYING 'I LIKE YOUR PANTS'

JAQUIE BROWN, MEDIA PERSONALITY

AK2:THE COMING OF AGE OF A NEW AUCKLAND  
JAMES HURMAN, PRINICIPAL, PREVIOUSLY UNAVAILABLE

“Successful urbanity is achieved by a multitude of small projects and one great ambition”

Renzo Piano



@AKLDesignChamp