

# PUBLIC FEEDBACK ON THE ŌTĀKARO AVON RIVER CORRIDOR REFINED SHORTLIST

REPORT PREPARED BY NIELSEN, AUGUST 2018





# INTRODUCTION

Regenerate Christchurch is responsible for leading the regeneration of Christchurch. This involves engaging with communities, iwi and local businesses to drive regeneration, including in the Ōtākaro Avon River Corridor (which contains the former residential red zone).

The Ōtākaro Avon River Corridor is around 600 hectares which is more than three times the size of Hagley Park. There are many ways in which this area could be used. Regenerate Christchurch has been working through a rigorous process to identify which of those ways best meet the vision, objectives and criteria used to assess land uses that have all been developed for the area.

In 2017, Regenerate Christchurch went through a research, visioning and design phase before reducing the 10 possible combinations of land uses into a refined shortlist that includes a Green Spine running the length of the Ōtākaro Avon River from the city to the sea, and three distinct areas or 'reaches'.

During May and June 2018, the public was able to provide feedback on this shortlist before the draft regeneration plan is finalised and provided to the Minister for Greater Christchurch Regeneration for consideration.

This report outlines the feedback provided by the public. Both Nielsen and Regenerate Christchurch would like to thank all the people who took the time to provide their thoughts and opinions.



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# ABOUT THE RESEARCH

## OBJECTIVES:

- ▶ Measure people's feedback on the proposed land use plan, including what people like and don't like about the plan, and what people most want to see in the Ōtākaro Avon River Corridor (the Corridor).
- ▶ Provide everyone with the opportunity to give their feedback.

## TWO COMPONENTS:

Feedback was collected between Saturday 26 May and Saturday 30 June 2018. Full details about the survey methodology are included in appendix 1.

### 1. REPRESENTATIVE SURVEY

Survey conducted with the following three groups:

- n=1283 **greater Christchurch residents** (Christchurch City, Selwyn District and Waimakariri District) aged 15+ - results were weighted to be reflective of the greater Christchurch population
- n=506 **New Zealanders** living outside of greater Christchurch aged 15+ - results were weighted to be reflective of the population
- n=329 **former residential red zone property owners** – results were not weighted (referred to as 'former RRZ owners').

The purpose of these surveys was to provide qualitative and quantitative data to rate and rank areas of optionality to provide a robust evidence base to inform decision-making.

Therefore this feedback was collected via a structured survey which took an average of 25 minutes to complete.

See Appendix Two for detailed results to the survey.

### 2. EXHIBITION FEEDBACK

Exhibition Feedback was gathered in survey form in response to the Regenerate Christchurch Exhibition Space in Cashel Mall, the online exhibition and the travelling exhibition. Other non-survey feedback was also received via email, post and in person.

This was designed to give everyone the opportunity to provide their feedback on the plan to inform decision-making.

The mechanism needed to be short and simple so that it could be answered in the Engagement Space or when people were out and about. Therefore this feedback was captured via an unstructured survey of open questions which took less than 5 minutes to complete on average.

The feedback provided represents those who chose to provide input, a profile of which can be found in Appendix 1.

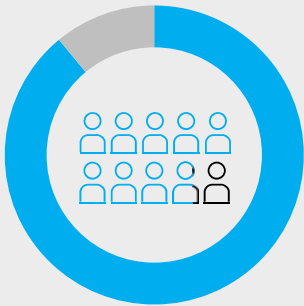
See Appendix Three for detailed results to the survey.

## HOW TO READ THE REPORT:

The themes from the Representative Survey and the Exhibition Feedback are largely consistent and therefore themes from the Exhibition Feedback are highlighted with a yellow box or yellow font alongside the results from the Representative Survey.

As part of the proposed land use plan, 16 possible activities and attractions were included. These are referred to throughout the report, particularly when respondents have said they liked or didn't like one of the activities. A full list of activities and their descriptions can be found on pages 17 and 18.

# OVERALL, HOW DO PEOPLE RATE THE PLAN?



## 89%

**OF GREATER  
CHRISTCHURCH  
RESIDENTS  
RATE THE PLAN  
POSITIVELY**

(% rated good, very good or excellent)

The level of positivity is consistent:

- ▶ throughout greater Christchurch
- ▶ across ethnicities
- ▶ among former RRZ owners (86%)
- ▶ among New Zealanders living outside greater Christchurch (94%).

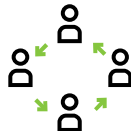
It is especially appealing to younger residents.

## RESIDENTS RATE THE PLAN POSITIVELY ON THE DESIRED OUTCOMES



### 90%

agree it will make a positive contribution to Christchurch's **natural environment**



### 86%

agree it will make a positive contribution to Christchurch's **social / community wellbeing**



### 85%

**want to visit** the proposed Ōtākaro Avon River Corridor



### 85%

think it would be **appealing to visitors**



### 82%

are **excited** by what is proposed for the Ōtākaro Avon River Corridor



### 76%

agree it is **adaptable** to the changing needs of future generations



### 73%

agree it will make a positive contribution to Christchurch's **cultural identity**



### 71%

agree it will make a positive contribution to Christchurch's **economic prosperity**



Those less likely to say they are excited by what is proposed are:

- former RRZ owners (71%)
- New Zealanders living outside greater Christchurch (74%).

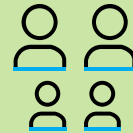
# WHAT DO PEOPLE LIKE?



## 1. ECOLOGICAL FOCUS



## 2. SPORT AND RECREATION



## 3. A PLACE FOR EVERYONE

### ECOLOGICAL FOCUS

Among greater Christchurch residents:



**16%** mentioned they like that the plan **protects native plants and wildlife**. For them this fits with the image of Christchurch as the Garden City and that the area should be kept as natural as possible.



**13%** mentioned they like that the plan includes the **Ecological Restoration and Eco-Sanctuary** which will regenerate flora and fauna and bring back birds and wildlife.



In addition, of all the potential types of activities or attractions, Ecological Restoration and Eco-Sanctuary:

- has the greatest appeal overall
- is what Christchurch City residents want to see most in the Horseshoe Lake Reach and the Eastern Reaches.

#### EXHIBITION FEEDBACK

The top two themes from the Exhibition Feedback were:

- Ecological restoration and habitat renewal
- Protection of native plants and wildlife.

The ability to connect with nature was the fifth most commonly mentioned theme of the things that people like.

Image: Flickr; Sid Mosdell (Tui on Harakeke), Flickr; Brisbane City Council (Environmental Education), Kelvin McMillan

### SPORT AND RECREATION

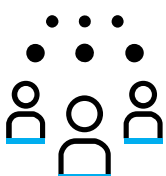
Among greater Christchurch residents:

- **13%** mentioned they like that it can be used for recreation and sports as they believe this will be a good way of getting people out and active.
- Of all the potential types of activities or attractions tested, **Being Active** and **Let's Explore** had the greatest appeal behind Ecological Restoration and Eco-Sanctuary.

#### EXHIBITION FEEDBACK

Walkways and opportunities for recreation and sports were the third and fourth most commonly mentioned in the Exhibition Feedback.

### A PLACE FOR EVERYONE



Included in the things greater Christchurch residents like about the plan:

- **11%** accessible to all
- **11%** multi-functional uses
- **9%** places for community activities/it is community focused
- **9%** it is family-orientated

# WHAT CONCERNS WERE RAISED?

## 5 key areas of concern:



### LEVEL OF COMMERCIAL ACTIVITIES

**10%** of greater Christchurch residents mentioned commercial activities as a concern. In particular:

- who would own them?
- would the community have a say in the management of them?
- how would they fit with the ecological restoration?

People mentioned that if there are commercial activities that these should be minimal and appropriate.

The commercial activities or attractions of concern most commonly mentioned are:

- **Need for Speed** – 6% mentioned concerns that motorised sports might cause excessive noise and be at odds with the natural environment.
- **Take in the View** – 5% mentioned concerns that a gondola would reduce the visual appeal of the area as it would be intrusive and at odds with the natural environment. There are also doubts whether it would be economically viable (both to build and maintain).

#### EXHIBITION FEEDBACK:

- Take in the View, Need for Speed and the level of commercial activities were also commonly mentioned areas of concern in the Exhibition Feedback (ranked 3, 5 and 6).



### THE INCLUSION OF HOUSING

**9%** of greater Christchurch residents mentioned the inclusion of housing as a concern.

All residents were asked whether or not they support small pockets of housing or adaptable housing.

#### 1. Pockets of housing

- ☒ **53%** support this
- ☒ **32%** don't support it

#### 2. Adaptable housing

- ☒ **44%** support this
- ☒ **45%** don't support it

Former RRZ owners are less likely to support both types of housing (40% support small pockets and 35% support adaptable housing)

#### EXHIBITION FEEDBACK:

- The inclusion of housing is the second most commonly mentioned area of concern in the Exhibition Feedback.



# WHAT CONCERNS WERE RAISED? *CONTINUED*



## WHETHER TO INCLUDE A FLATWATER FACILITY

**5%** of greater Christchurch residents mentioned that they would like a flatwater facility to be included. The main reason mentioned is that it would be an economic asset attracting international visitors for events (especially rowing events).

### EXHIBITION FEEDBACK:

- This is the main theme that came through from the Exhibition Feedback (and also from a **petition** signed by 10,388\* people).
- However, it is a topic with some contrasting viewpoints with 310 people saying they would like a flatwater facility and 147 people saying that they don't want a flatwater facility. The remaining 1,767 people who participated in the Exhibition Feedback did not mention a flatwater facility at all.
- Those who do not want a flatwater facility mentioned the cost and the impact on the environment.



## COST INVOLVED WITH SET-UP

**5%** of greater Christchurch residents mentioned that they are unsure about how much the plan will cost and who will pay for it. Some residents believe the cost will be large and are concerned about how this will impact on ratepayers and fit with other priorities for funding.

This is the main concern mentioned for **New Zealanders living outside of greater Christchurch** (8%).

### EXHIBITION FEEDBACK:

- The cost involved did not rate highly as a concern in the Exhibition Feedback.



## CURRENT WILDLIFE AND PLANTS

**5%** of greater Christchurch residents mentioned that they are unsure about whether the plan will have a negative impact on current wildlife and plants.

### EXHIBITION FEEDBACK:

- Any negative impacts on current wildlife and plants was not a concern mentioned in the Exhibition Feedback.

\* Please note: The number of signatories on the petition has been counted manually and is approximately 10,388.

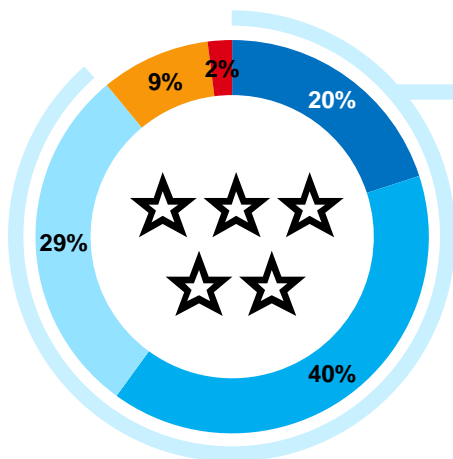




# DETAILED FINDINGS

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# OVERALL RATING OF THE PLAN



## 89%

of greater Christchurch residents rate the plan positively. 11% rate the plan as fair or poor.

The level of positivity is consistent:

- throughout greater Christchurch
- across ethnicities.

The plan is more appealing to younger residents (under 40).

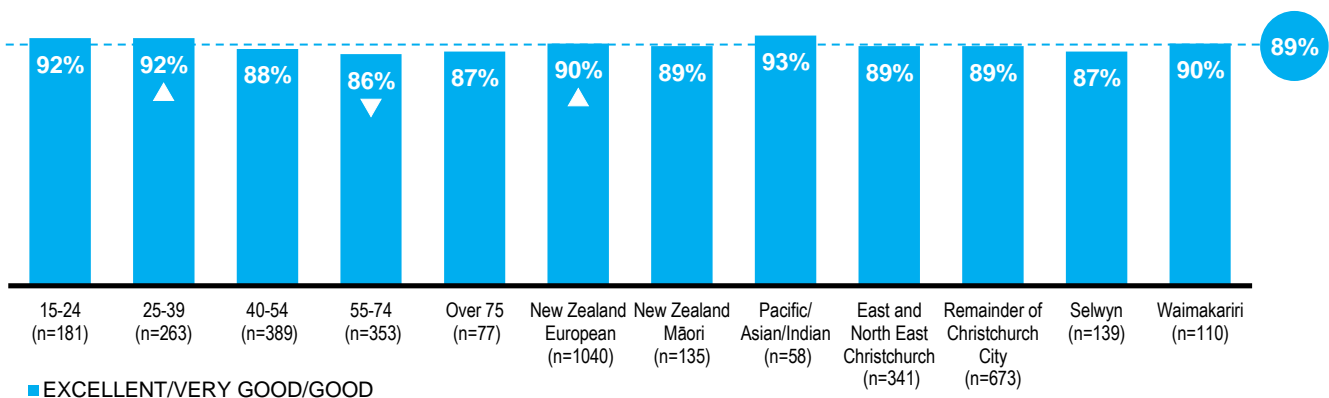
■ EXCELLENT ■ VERY GOOD ■ GOOD ■ FAIR ■ POOR

Base: Greater Christchurch residents aged 15+, excluding those who said don't know (n=1263)

## AGE

## ETHNICITY

## REGION



Ratings of the plan are similar among:

- ▶ Former RRZ owners (86%). However, a significantly higher proportion do rate the plan as poor (6%)
- ▶ New Zealanders living outside greater Christchurch (94%▲).



# WHAT PEOPLE LIKE ABOUT THE PLAN

## TOP 10 MENTIONS AMONG GREATER CHRISTCHURCH RESIDENTS

16%	PROTECTION OF NATIVE PLANTS AND WILDLIFE
13%	ECOLOGICAL RESTORATION AND HABITAT RENEWAL
13%	OPPORTUNITIES FOR RECREATION AND SPORTS
11%	ACCESSIBLE TO ALL
11%	MULTI-FUNCTIONAL USES
9%	PLACES FOR COMMUNITY ACTIVITIES / IT IS COMMUNITY FOCUSED
9%	IT IS FAMILY-ORIENTATED
8%	ABILITY TO CONNECT WITH NATURE IN THE CITY
7%	GOOD USE FOR DAMAGED LAND
7%	GOOD FOR TOURISM

Base: Greater Christchurch residents aged 15+ (n=1283)

The protection of native plants and wildlife, and ecological restoration are particularly important to greater Christchurch residents aged 25-39.

Most common mentions among former RRZ owners:



- accessible to all (13%)
- opportunities for recreation and sports (12%)
- protection of native plants and wildlife (10%)
- ecological restoration and habitat renewal (10%).

Most common mentions among New Zealanders living outside of greater Christchurch:



- protection of native plants and wildlife (13%)
- accessible to all (12%)
- good use for damaged land (12%).

### EXHIBITION FEEDBACK

1. Ecological restoration and habitat renewal
2. Protection of native plants and wildlife
3. Walkways
4. Opportunities for recreation and sports
5. Ability to connect with nature in the city
6. The Green Spine
7. Cycleways
8. Use and celebration of the river
9. Community food production
10. Continuous link from City to Sea

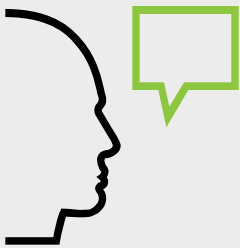
*"Eco sanctuaries to preserve natural habit and spaces for our indigenous wildlife. Making it available for everyone through having **beautiful spaces** to explore at **no cost** and not having to travel out of town to see such things. Having **children and family activities**."*

*"It will **attract visitors** back to Christchurch and create jobs which is great for our local economy."*

*"Increases opportunity for **healthy exercise** and **family togetherness**."*

*"That it is accessible to all **without barriers** to culture, age or ability."*

*"I like that the land is split into **different purposes**. This will suit different demographics, as those who are out to walk their dog aren't likely to run into tourists or parents with small children. Equally, if a children's space is built, parents are likely to have space where their children can be loud without worrying about impacting on native wildlife or other members of the public."*



SOURCE:  
REPRESENTATIVE  
SURVEY AND  
EXHIBITION FEEDBACK

Q20. What are the things that you like most about the land use plan?

Regenerate Christchurch research conducted by Nielsen in June 2018.

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# WHAT PEOPLE DON'T LIKE OR ARE UNSURE ABOUT THE PLAN

## TOP 12 THINGS THAT RESIDENTS DON'T LIKE OR ARE UNSURE ABOUT

10%	COMMERCIAL ACTIVITIES – IF ANY SHOULD BE MINIMAL AND APPROPRIATE
9%	INCLUSION OF ANY HOUSING
6%	NEED FOR SPEED (SPECIFICALLY EXCESSIVE NOISE/SPEED)
5%	NO PROVISION FOR A FLATWATER FACILITY
5%	COST - HOW MUCH AND WHO PAYS
5%	NEGATIVE IMPACTS ON CURRENT WILDLIFE AND PLANTS
5%	TAKE IN THE VIEW (SPECIFICALLY THE GONDOLA WILL BE EXPENSIVE AND INTRUSIVE)
4%	USER PAYS ACTIVITIES/TOO EXPENSIVE FOR LOCALS
4%	THE TOURIST ASPECT/SHOULD BE FOR THE PEOPLE WHO LIVE AND WORK THERE
3%	CAFÉS AND RESTAURANTS
3%	MAKE A SPLASH
3%	SUSTAINABLE FARMING

Base: Greater Christchurch residents aged 15+ (n=1283)



Feedback that the plan should not include housing is more evident among former RRZ owners (21%).



The cost is the concern that received most mentions for New Zealanders living outside of greater Christchurch (8%).

### EXHIBITION FEEDBACK

1. No provision for a flatwater facility
2. Inclusion of any housing
3. Take in the View (specifically the gondola will be expensive and intrusive)
4. Pleased there is no provision for a flatwater facility
5. Need for Speed (specifically excessive noise/speed)
6. Commercial activities - if any, should be minimal and appropriate
7. Cafés and restaurants
8. Focus should be on restoration of the natural environment above all
9. Future maintenance - who will be responsible/fears it will become untidy
10. The Eden Project

**Note:** There was also a petition signed by 10,388\* people who are in support of a flatwater facility.

*"I don't think you should let **commercial** entities here. I appreciate that this may help pay for what is to be done, but this land has housed people in homes and through no fault of their own they have been forced to vacate / leave. If they felt they could return in some way and enjoy what is there it would make it all worthwhile."*

*"I think the idea to **build homes and cafés** etc. is crazy. If the land was unsuitable for us to rebuild our homes on then I can't see how it would be a good idea to build large permanent structures on it now."*

*"I don't like the idea of **loud / noisy activities** such as loud entertainment, motorised water sports, etc..."*

*"There were several **lake options** proposed in the early stages of planning and consultation. A lake would provide Christchurch with an attraction that would be unique in NZ by having a central resource for residents and visitors. It would fit well in the proposed landscape and be compatible with the nature focused ideas of the current plan. I don't understand why this has disappeared from the plan altogether."*

SOURCE:  
REPRESENTATIVE  
SURVEY AND  
EXHIBITION FEEDBACK

Q21. What are the things you are unsure about or do not like about the land use plan?

\* Please note: The number of signatories on the petition has been counted manually and is approximately 10,388.

Regenerate Christchurch research conducted by Nielsen in June 2018.

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# HOW THE PLAN RATES AGAINST DESIRED OUTCOMES

The plan rates well against the desired outcomes.

In particular:

- making a positive contribution to the natural environment and social / community wellbeing of Christchurch
- residents being likely to visit and agreeing that the plan will appeal to visitors.

Those aged 25-39 are more likely to:

- be excited by what is proposed (89%)
- say they want to visit the area (91%)
- agree it will make a positive contribution to the social / community wellbeing (91%), the cultural identity of Christchurch (79%) and the natural environment (94%)
- agree it is adaptable to the changing needs of future generations (82%).

Those aged 15-24 are more likely to agree that the plan will make a positive contribution to the economic prosperity (79%) and cultural identity of Christchurch (82%).

Households with young people aged 5-15 are most likely to say they would like to visit (90%).

Households with young people under the age of 5 are most excited by what is proposed (90%).

Those of Pacific, Asian or Indian ethnicity are more likely to:

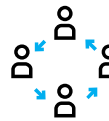
- be excited by what is proposed (92%)
- believe that the plan will make a positive contribution to the economic prosperity of Christchurch (87%).

Those of Māori ethnicity are less likely to agree the plan will make a positive contribution to the social / community wellbeing of Christchurch (78%).



**90%**

agree the land use plan will make a positive contribution to Christchurch's natural environment



**86%**

agree the land use plan will make a positive contribution to the social / community wellbeing of Christchurch



**85%**

say the land use plan makes them want to visit the proposed Otākaro Avon River Corridor



**85%**

agree the land use plan would be appealing to visitors of Christchurch



**82%**

are excited by what is proposed for the Otākaro Avon River Corridor



**76%**

agree the land use plan is adaptable to the changing needs of future generations



**73%**

agree the land use plan will make a positive contribution to the cultural identity of Christchurch



**71%**

agree the land use plan will make a positive contribution to the economic prosperity of Christchurch

Base: Greater Christchurch residents aged 15+, excluding those who said don't know (n=1209-1266)

Q18. Thinking about the land use plan for the Otākaro Avon River Corridor as a whole, how much do you agree or disagree with each of the following: 13

# RATINGS AMONG FORMER RRZ OWNERS AND THOSE FROM OUTSIDE THE REGION

Former RRZ owners and New Zealanders living outside of greater Christchurch don't rate the plan as positively on some of the desired outcomes.











At least six in ten (63%) former RRZ owners agree that the land use plan meets each of the desired outcomes. However, former RRZ owners are less likely to:

- be excited about what is proposed
- agree it will make a positive contribution to the economic prosperity or cultural identity of Christchurch
- agree that it is adaptable to the changing needs of future generations.



At least three-quarters (74%) of New Zealanders living outside greater Christchurch agree that the land use plan meets each of the desired outcomes. However, they are less likely to:

- be excited about what is proposed
- say it makes them want to visit
- agree it will make a positive contribution to Christchurch's natural environment and to the social/community wellbeing of Christchurch.

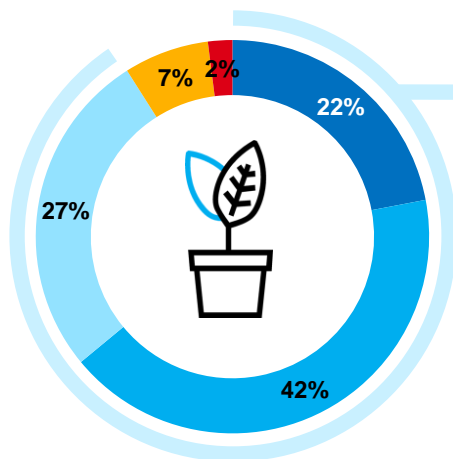
		Greater Christchurch	Former RRZ owners	New Zealanders living outside greater Christchurch
	% who agree the land use plan will make a positive contribution to Christchurch's natural environment	90%	88%	83%▼
	% who agree the land use plan will make a positive contribution to the social / community wellbeing of Christchurch	86%	82%	81%▼
	% who say the land use plan makes them want to visit the proposed Ōtākaro Avon River Corridor	85%	81%	77%▼
	% who agree the land use plan would be appealing to visitors of Christchurch	85%	81%	86%
	% excited by what is proposed for the Ōtākaro Avon River Corridor	82%	71%▼	74%▼
	% who agree the land use plan is adaptable to the changing needs of future generations	76%	68%▼	76%
	% who agree the land use plan will make a positive contribution to the cultural identity of Christchurch	73%	64%▼	75%
	% who agree the land use plan will make a positive contribution to the economic prosperity of Christchurch	71%	63%▼	75%

▲▼ = the result is significantly higher or lower than the greater Christchurch result at a 95% confidence level

Base: All respondents excluding those who said don't know (greater Christchurch residents aged 15+ n=1209-1266; former RRZ owners n=312-325; New Zealanders living outside greater Christchurch n=460-484)

Q18. Thinking about the land use plan for the Ōtākaro Avon River Corridor as a whole, how much do you agree or disagree with each of the following:

# RATINGS OF THE GREEN SPINE



## 91%

of greater Christchurch residents rate the Green Spine positively. 9% rate it as fair or poor.

The level of positivity is consistent:

- throughout greater Christchurch
- across ethnicities
- among all age groups.

■ EXCELLENT ■ VERY GOOD ■ GOOD ■ FAIR ■ POOR

Base: Greater Christchurch residents aged 15+, excluding those who said don't know (n=1265)



## 85%

agree it provides infrastructure that is important for the future of Christchurch



## 84%

agree they want to visit the proposed Green Spine



## 82%

are excited by what is proposed for the Green Spine



Former RRZ owners and New Zealanders living outside of greater Christchurch rate the Green Spine just as positively overall, but lower on the other attributes.

## OVERALL RATING



## WANT TO VISIT



## IMPORTANT INFRASTRUCTURE



## EXCITEMENT



■ Former RRZ owners (n=324-327)

■ New Zealanders living outside greater Christchurch (n=471-484)

▲▼ = the result for former RRZ owners/ New Zealanders living outside of greater Christchurch is significantly higher or lower than the greater Christchurch result at a 95% confidence level

Q7. If the proposed Green Spine was the first focus for the development, how would you rate each of the following: Q8. And what is your overall opinion of the proposed Green Spine?

# WHAT PEOPLE LIKE ABOUT THE GREEN SPINE

## TOP 10 THINGS THAT RESIDENTS LIKE ABOUT THE GREEN SPINE

20%	WALKWAYS
19%	ECOLOGICAL RESTORATION AND HABITAT RENEWAL
18%	ABILITY TO CONNECT WITH NATURE IN THE CITY
18%	OPPORTUNITIES FOR RECREATION AND SPORTS
16%	ACCESSIBLE TO ALL
15%	CYCLEWAYS
13%	CONTINUOUS LINK FROM CITY TO SEA
13%	PROTECTION OF NATIVE PLANTS AND WILDLIFE
12%	USE AND CELEBRATION OF THE RIVER
12%	PROVISION OF GREEN, OPEN SPACE

Base: Greater Christchurch residents aged 15+ (n=1283)

Walkways, ecological restoration, the ability to connect with nature and opportunities for recreation and sports are the most commonly mentioned things that residents like about the Green Spine.



These are also the themes mentioned most often by New Zealanders living outside greater Christchurch and by former RRZ owners.

### EXHIBITION FEEDBACK

1. Walkways
2. Cycleways
3. Use and celebration of the river
4. Continuous link from City to Sea
5. Ecological restoration and habitat renewal

*"Walkways / natural paths on either side of the river, near the city. Having dedicated publicly available walkways promotes healthy living and improves Christchurch's image."*

*"I love the fact that it is adding native fauna to Christchurch and creating an **environmentally friendly habitat**. It creates a point of difference and means that people do not need to travel as far to experience the amazing sights Aotearoa has to offer. It may also be a good tourist attraction, creating a point of difference between Christchurch and other major centres."*

*"Would be great for **recreation**; picnics, barbeques, cycling, walking, boating, forests, swimming, birdlife."*

*"Public access - recreational use – [the] benefit of **natural surroundings** being accessible to all - bringing green back into more areas of the city with corresponding mental and physical benefit..."*

*"Cycleways and walkways that connect the city to the east of Christchurch and improved access to the Avon River."*

*"I like the way that it **connects** the city to the coast while connecting to local communities along the corridor."*

*"It is good that consideration is being given to the **environment** for the future."*



SOURCE:  
REPRESENTATIVE  
SURVEY AND  
EXHIBITION FEEDBACK

Q9. What are the things that you like most about the proposed Green Spine?

Regenerate Christchurch research conducted by Nielsen in June 2018.

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# WHAT PEOPLE DON'T LIKE ABOUT THE GREEN SPINE OR ARE UNSURE ABOUT

## TOP 9 THINGS THAT RESIDENTS DON'T LIKE OR ARE UNSURE ABOUT

8%	INCLUSION OF ANY HOUSING
6%	NO PROVISION FOR A FLATWATER FACILITY
6%	COMMERCIAL ACTIVITIES - IF ANY, SHOULD BE MINIMAL AND APPROPRIATE
6%	COST - HOW MUCH AND WHO PAYS
5%	FUTURE MAINTENANCE - WHO WILL BE RESPONSIBLE/FEAR IT WILL BECOME UNTIDY
4%	SECURITY IN THE AREA
3%	COMMUNITY GARDENS
3%	COST OF MAINTENANCE - HOW MUCH AND WHO PAYS
3%	MAY ATTRACT THE WRONG KIND OF PEOPLE/RISK OF CRIMINAL ACTIVITIES



Housing received most mentions. This was mentioned by 14% of former RRZ owners.



Cost is an area of concern with residents mentioning how much the Green Spine will cost and who will pay for it as well as the ongoing maintenance costs.

Those from outside of greater Christchurch are most likely to mention the initial upfront costs (12%).

### EXHIBITION FEEDBACK

1. Infrastructure should complement the natural environment
2. Commercial activities - if any, should be minimal and appropriate
3. No provision for a flatwater facility
4. Use and management of the river
5. Focus should be on restoration of the natural environment above all

Base: Greater Christchurch residents aged 15+ (n=1283)

*"I don't see the point in using it for **housing** again. Whilst I understand that the housing would be designed to accommodate another major earthquake etc., there's plenty of space in Christchurch should further development for housing be needed. The river is a unique space for recreation and other things and it'd be great if everybody could enjoy it."*

*"It's a shame that the rowers and water sports can't be accommodated with a **lake**."*

*"I'm not so sure about **commercial** projects. It would need to interact well with the theme of bringing nature into our city and not take away from that."*

*"**Cost** - when there are so many people still in earthquake damaged homes and none of the developments promised have been delivered."*

*"Who will be responsible for the upkeep and **general maintenance** of the area? The plan will only work for the community it is intended for if the powers that be take responsibility for the care of the area. What is the **cost** involved? The taxpayer is already paying enough money into getting things done around Christchurch so how much is expected of us for this plan?"*

*"Not sure that it will be always feeling **safe** especially at night."*



SOURCE:  
REPRESENTATIVE  
SURVEY AND  
EXHIBITION FEEDBACK

# 16 ACTIVITIES AND ATTRACTIONS TESTED

The proposed land use plan has a total of 16 possible types of activities that could be included in either the Green Spine or one of the three Reaches. Each type of activity or attraction was illustrated with six small images as well as a brief description.



## LET'S EXPLORE

Explore the area's walking paths, bike trails, boardwalks, bridges, viewing platforms, jetties, sculpture and heritage trails, camping areas, and both natural and built playgrounds.

Image: CCC & Aaron Campbell, Public Domain Pictures, Little Kiwis Nature Play (Celia Hogan), Flickr; Elliott Brown (Woodland Walk & Sculpture Trail)



## BEING ACTIVE

Enjoy recreational uses such as running courses, fitness stations, frisbee golf, bike pump tracks, a bridle path, bikes and kayaks for hire.

Image: Wikimedia Commons; Keeyith, Wikipedia; Akna enwiki, Wikimedia Commons; Paul Jerry, U.S. Air Force; Tommie Horton (Disc Golf)



## BEING NEIGHBOURLY

Catch up with friends and get to know your neighbours in attractive common spaces such as community gardens, neighbourhood parks, barbecue areas, dog parks, youth and community centres.

Image: Flickr; d-olwen-dee (15 Waverley Community Garden), CCC & Aaron Campbell



## DISCOVER THE CULTURAL TRAIL

Discover significant sites that showcase the different cultures and identities of past and present river communities. A series of landings will provide spaces for you to enjoy cultural and heritage stories.

Image: Flickr; Ron Cogswell (High-Back Windharp Chairs), Flickr; William Murphy (Museum of Modern Art at the Royal Hospital), Flickr; Elliott Brown (Woodland Walk & Sculpture Trail), Fayne Robinson, Geograph; Graham Hewitt



## LET'S CELEBRATE

Celebrate life by taking part in cultural and music festivals, dance parties and exhibitions, or attending outdoor conferences and weddings in picturesque green spaces.

Image: Flickr; Virginia State Parks



## ECOTOURISM VENTURES

Large scale commercial ecotourism and environmental education facilities, including retail and event spaces, could attract local and international visitors.

Image: Flickr; U.S. Fish and Wildlife Service Southeast Region, Floating Habitats UK, Flickr; Brisbane City Council (Environmental Education), CCC & Neil Macbeth, CCC & Aaron Campbell



## CHRISTCHURCH ON A PLATE

Cafés, bars and restaurants showcasing the best of the region's cuisine, as well as providing opportunities for people to enjoy each other's company in a beautiful setting.

Image: Flickr; Sarah Stewart (EDC Hangi 2010), Joseph Hullen, Wikimedia Commons; Yutacar yutacar, Flickr; The Heathman Kirkland (Trellis Restaurant), Unsplash; Jenny Dorsey



## CULTURAL EXPERIENCE

Mahinga kai and whare wānanga educational experience to attract local and international visitors. An opportunity to tell the story of Christchurch's land, rivers, people and communities.

Image: Matapopore, Te Runanga o Ngāi Tahu, Royal Associates Architects Ltd., Fayne Robinson

# ACTIVITIES AND ATTRACTIONS CONTINUED



## TAKE IN THE VIEW

A gondola from the central city to New Brighton could offer a pay-to-use attraction and transport option for locals and visitors wanting to explore and see the Regeneration Area from a different perspective.

Image: Doppelmayr



## KIDS' PARADISE

Treehouses, flying foxes, petting zoos, graffiti walls, skateparks, playgrounds and picnic areas could provide significant drawcards for the children from the city and beyond.

Image: Flickr; Andy Roberts (Tree House), Little Kiwis Nature Play (Celia Hogan)



## WHĀNAU FUN

Low-cost and no-cost activities such as foot golf, mountain-bike trails, obstacle courses, and lawn areas for backyard sports like touch, volleyball and cricket could provide great weekend options for families.

Image: CCC- Aaron Campbell, Brisbane City Council



## MAKE A SPLASH

Water-based adventure parks such as whitewater, surf or cable wakeboard parks could offer a pay-to-play recreational drawcard.

Image: Flickr; DiscoverDuPage (Mayan Adventure Indoor Waterpark), Flickr; Laurelvilleville- Camp and Retreat (Adventure Camp- Whitewater rafting), Flickr; Roderick Eime (Royal Caribbean International Voyager of the Sea's surf simulator at sea), Flickr; Mike Baird (Stand up Paddle Board)



## SUSTAINABLE FARMING

Sustainable commercial farming could include horticulture (berries, honey or pipfruit), forestry, arable (ploughed and cropped) farming, baleage or aquaculture of native species (tuna, īnaka and kōura). Farming could provide a financial return through leasing land and reducing costs.

Image: Joseph Hullen, Matapopore, Flickr; OakleyOriginals (September Hive Check)



## GROW, SELL, SHARE, AND FORAGE

Community-based urban farms, market gardens and food and medicinal plant forests that include educational components. These could include social enterprises combining commercial elements with increased employment and food resilience and redistribution.

Image: Matapopore, Flickr; d- olwen- dee (15 Waverley Community Garden), Te Rūnanga o Ngāi Tahu, Flickr; Miles



## ECOLOGICAL RESTORATION AND ECO-SANCTUARY

Fenced or unfenced eco-sanctuaries could sit alongside viewing platforms for bird-watching, terraces for feeding eels, and kayak hire for exploring wetlands. As native trees are reintroduced, we could see native birds return to surrounding neighbourhoods.

Image: Flickr; Sid Mosdell (Tui on Harakeke), Flickr; Brisbane City Council (Environmental Education), Kelvin McMillan



## NEED FOR SPEED

Pay-to-play electric bike and karting tracks with additional capacity to host major action sports events could bring tourists and locals together.

Image: Goodfreephotos; Dana Tentis (Dirt biker jumping into air with motorcycle)

# WHICH ACTIVITIES APPEAL

To understand which activities have the greatest appeal and which combinations of activities appeal, the survey included trade-off\* analysis.

Respondents were asked to choose the type of activity (from a selection of four) which appeals to them the most and which appeals the least. This was repeated a number of different times with different options to choose from. This type of questioning provides a ranking, compared with when, if asked outright, the community might say they want all of the activities included. The result provided is a 'utility score' or 'appeal score' where all items add to 100.

The activity clusters with the most appeal among greater Christchurch residents are:

- Ecological Restoration and Eco-Sanctuary
- Let's Explore
- Being Active
- Whānau Fun.

Most activities have similar appeal among males and females. However:

- Grow, Sell, Share and Forage has more appeal among females
- Need for Speed has slightly more appeal among males.

Ecological Restoration has high appeal across all age groups but increases with age.

Young people aged 15-24 have higher utility scores for the following:

- Make a Splash
- Christchurch on a Plate
- Take in the View
- Need for Speed.

## UTILITY SCORE FOR EACH ACTIVITY TYPE



Base: Greater Christchurch residents aged 15+ (n=1283)

Q11. Considering the activities and attractions below, which is the one **you like the most** and which is the **one you like the least**

\*The trade-off analysis mentioned above is MaxDiff.



# WHAT APPEALS TO THOSE OUTSIDE OF THE REGION AND FORMER RRZ OWNERS?

Ecological Restoration and Eco-Sanctuary is the most appealing among all those surveyed. This is followed by Let's Explore.

Take in the View has more appeal to former RRZ owners and New Zealanders living outside greater Christchurch while Make a Splash is ranked lower.

## UTILITY SCORES BY GROUP

### GREATER CHRISTCHURCH



### FORMER RRZ OWNERS



### NEW ZEALANDERS LIVING OUTSIDE OF GREATER CHRISTCHURCH

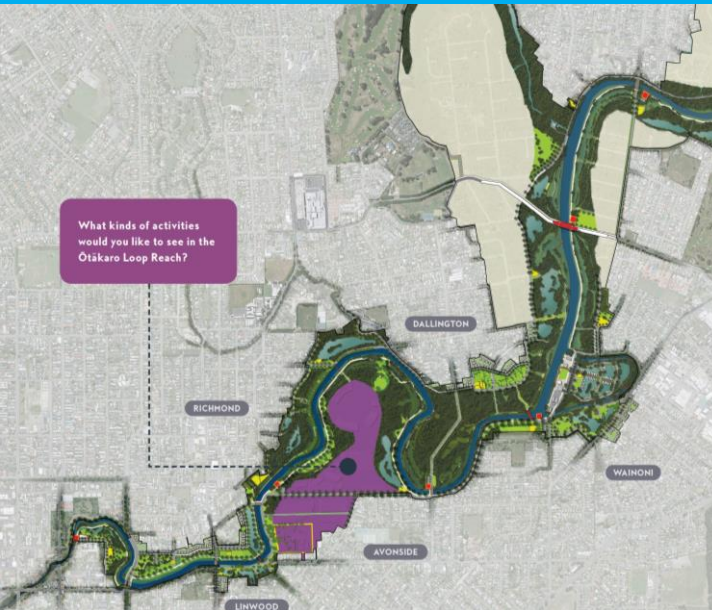


<b>11.4</b>	Ecological Restoration and Eco-Sanctuary	<b>11.6</b>	Ecological Restoration and Eco-Sanctuary	<b>10.5</b>	Ecological Restoration and Eco-Sanctuary
<b>10.8</b>	Let's Explore	<b>11.1</b>	Let's Explore	<b>8.8</b>	Let's Explore
<b>10.3</b>	Being Active	<b>10.1</b>	Being Active	<b>8.7</b>	Whānau Fun
<b>9.5</b>	Whānau Fun	<b>9.2</b>	Whānau Fun	<b>7.2</b>	Being Active
<b>6.9</b>	Kids' Paradise	<b>7.6</b>	Being Neighbourly	<b>6.8</b>	Take in the View
<b>6.2</b>	Make a Splash	<b>7.1</b>	Kids' Paradise	<b>6.5</b>	Kids' Paradise
<b>6.2</b>	Grow, Sell, Share and Forage	<b>6.1</b>	Grow, Sell, Share and Forage	<b>6.4</b>	Grow, Sell, Share and Forage
<b>6.0</b>	Being Neighbourly	<b>5.3</b>	Make a Splash	<b>6.4</b>	Being Neighbourly
<b>5.1</b>	Sustainable Farming	<b>5.3</b>	Let's Celebrate	<b>6.2</b>	Sustainable Farming
<b>5.1</b>	Let's Celebrate	<b>4.9</b>	Sustainable Farming	<b>5.7</b>	Christchurch on a Plate
<b>4.8</b>	Christchurch on a Plate	<b>4.8</b>	Christchurch on a Plate	<b>5.5</b>	Ecotourism Ventures
<b>4.7</b>	Ecotourism Ventures	<b>4.4</b>	Discover the Cultural Trail	<b>5.0</b>	Make a Splash
<b>3.8</b>	Discover the Cultural Trail	<b>4.4</b>	Cultural Experience	<b>4.8</b>	Let's Celebrate
<b>3.5</b>	Take in the View	<b>3.8</b>	Ecotourism Ventures	<b>4.8</b>	Discover the Cultural Trail
<b>3.3</b>	Cultural Experience	<b>2.8</b>	Take in the View	<b>4.3</b>	Cultural Experience
<b>2.4</b>	Need for Speed	<b>1.5</b>	Need for Speed	<b>2.4</b>	Need for Speed

Base: Greater Christchurch residents aged 15+ (n=1283), New Zealanders living outside greater Christchurch (n=428), former RRZ owners (n=240)

Q11. Considering the activities and attractions below, which is the one **you like the most** and which is the **one you like the least**?

# ŌTĀKARO LOOP REACH: WHAT ACTIVITIES RESIDENTS WANT



The Ōtākaro Loop Reach was described to respondents as an area for **activity and play**, the character of which was shaped by its:

- proximity to the central city and the opportunities to attract visitors
- rich cultural and heritage features
- natural sense of enclosure by the river.

Half (51%) of greater Christchurch residents aged 18 or over living in Christchurch City selected **Whānau Fun** as the activity they would most likely to see in this Reach, while a third selected **Kids' Paradise** and **Christchurch on a Plate** (33% and 32% respectively).

*Note: respondents could select up to two activities.*

Those of Māori ethnicity are more likely to have selected **Cultural Experience** (36%) and this was their second ranked activity behind **Whānau Fun** (53%).

## WHĀNAU FUN

51%

## KIDS' PARADISE

33%

## CHRISTCHURCH ON A PLATE

32%

## ECOTOURISM ADVENTURES

27%

## CULTURAL EXPERIENCE

26%

## TAKE IN THE VIEW

15%

# ŌTĀKARO LOOP REACH: WHAT PEOPLE LIKE



## WHAT PEOPLE LIKED FROM THE EXHIBITION FEEDBACK

1. Culture and Heritage
2. Kids' Paradise
3. Ecotourism Ventures



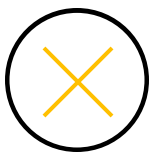
*"Love the kids' paradise and whānau fun. Providing low cost fun for **families to enjoy** where it is safe and not your average playground."*

*"**Nature** taking centre stage with **education and community** use linking with that. Great to get cultural and community groups and schools involved."*

*"**Ecotourism** would be great to encourage tourists, particularly if it included a Kiwi House and areas where you can see other native birds. Whānau fun with picnic areas and backyard sports areas like Spencer Park but more accessible in the centre of the city."*

*"In this I like all of the options - as long as they are **harmoniously** placed..."*

*"I love ideas around **heritage trails** and marking the sites where homes once stood. Stories and neighbourhood memories could be used in these areas to remember who lived in the spaces. Use of the city archive to gather facts and images would be great as well."*



## WHAT PEOPLE DON'T LIKE OR ARE UNSURE ABOUT FROM THE EXHIBITION FEEDBACK

1. Take in the View (specifically the gondola will be expensive and intrusive)
2. Cost – will this be self-sufficient

*"Take in the View is not a good idea in my opinion. We have one **gondola** in the city already, which offers better views than a gondola from the Avon could. A gondola over the native planting areas would ruin the experience of a forest within the city, and a gondola over picnic and play areas could make people feel uncomfortable using those areas, with knowing they will be watched by tourists."*

*"[I am] concerned too many of the activities would require **expensive upkeep** and be unused when something bigger and better comes along."*

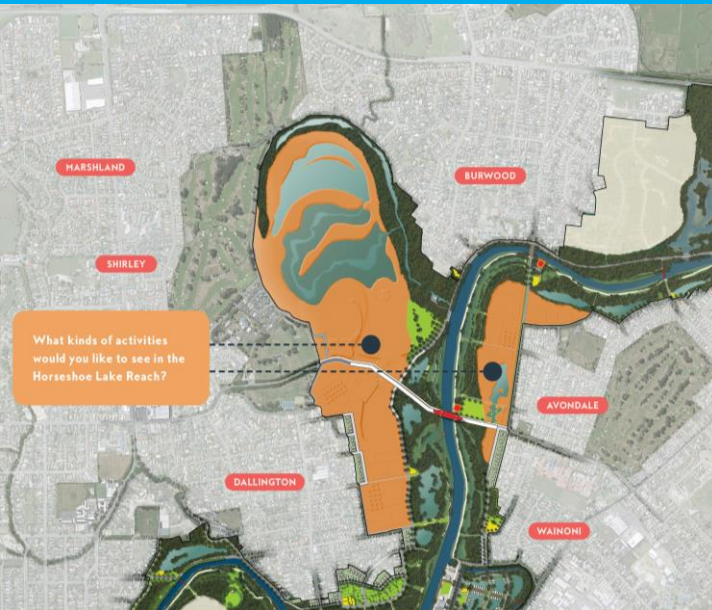
*"Not sure about huge **commercial ventures**. Companies making money off other people's misfortunes. Perhaps [have] smaller businesses that locals could invest in and run themselves."*

*"The key intent is to first design for residents then visitors will follow. We need to think about the **people who live here**, and how much the earthquakes have impacted the lives of so many young adults, by not having a city centre, to hang out, meet friends, go shopping and such."*

Q9. What are the things you like most about the proposed Ōtākaro Loop Reach?

Q10. What are the things you are unsure about or do not like about the proposed Ōtākaro Loop Reach?

# HORSESHOE LAKE REACH: WHAT ACTIVITIES RESIDENTS WANT



The Horseshoe Lake Reach was described to respondents as an area for **food and culture**, the character of which is shaped by:

- the cultural, landscape and ecological values of Horseshoe Lake
- the opportunity to treat the city's stormwater and improve the health of the river
- its high-quality soils that could support horticultural ventures
- an opportunity to improve transport connections between the east and the rest of the city.

Six in ten (60%) residents aged 18 or over living in Christchurch City selected **Ecological Restoration and Eco-Sanctuary** as the activity they would most likely to see in this Reach, while a third (34%) selected **Grow, Sell, Share and Forage**.

Those who live with a partner but with no children in the house are more likely to have selected **Ecological Restoration and Eco-Sanctuary** (65%).

Those aged 18-24 (33%) and those of Asian or Indian ethnicity (34%) are more likely to have selected **Christchurch on a Plate**.

Those living in East Christchurch (35%) are more likely to have selected **Make a Splash**.

## ECOLOGICAL RESTORATION & ECO-SANCTUARY

60%

## GROW, SELL, SHARE AND FORAGE

34%

## MAKE A SPLASH

30%

## SUSTAINABLE FARMING

24%

## CHRISTCHURCH ON A PLATE

20%

## CULTURAL EXPERIENCE

13%



# HORSESHOE LAKE REACH: WHAT PEOPLE LIKE



## WHAT PEOPLE LIKED FROM THE EXHIBITION FEEDBACK

1. Grow, Sell, Share and Forage
2. Stormwater management
3. Ecological Restoration and Eco-Sanctuary
4. Sustainable Farming (specifically horticulture, plant and tree nurseries)
5. Regenerating the wetlands



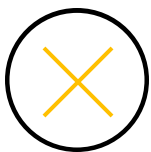
*"I am a big fan of **sustainable farming** across the whole of the Red Zone. Especially fruit and vegetables grown in community gardens in lower decile communities, where all the community can help with the **growing and share** in the eating..."*

*"The combined used of infrastructure and natural systems to allow for both treatment of the **stormwater** and improved **health of the river** while also providing for mahinga kai and ecology."*

*"**Eco-sanctuaries** would be a dream. They would go a long way to restore our relationship with not only our **environment** but also those that we share our environment with."*

*"Small scale **sustainable horticulture** could be a good way to source local foods for the city without a large impact. Cool opportunities to have a mix of commercial and community gardens, as well as **farmers markets** etc."*

*"... Will be good to see improved **water quality** in the wetlands around horseshoe lake..."*



## WHAT PEOPLE DON'T LIKE OR ARE UNSURE ABOUT FROM THE EXHIBITION FEEDBACK

1. Grow, Sell, Share and Forage
2. Make a Splash
3. No provision for a flatwater facility
4. Sustainable Farming
5. Focus should be on restoration of the natural environment above all

*"I'm unconvinced by the food forest idea here, it needs to be near a **community** - this should be closer to the CBD - there are heaps of red zone fragments within existing community areas where this would be far better off and visible so people would use the produce rather than just a few people using them ..."*

*"I am not sure that this is the right space for a **water park or water activity** options - I would prefer to see this area focused on preservation for future generations and **ecological projects**, rather than being a recreation area. Some recreation options could still be included, but these would need to be managed carefully to ensure they are sustainable and do not impact negatively on the environment."*

*"There is a big gap in this area, the **flatwater lake** has not been provided for. This can work in to assist with rebuilding the ecological balance of the area as well as draw national and international visitors to the area. The lake is essential."*

*"Ensuring that the eco-sanctuaries were **safe environments** for those that inhabit them would be my main concern."*

# EASTERN REACHES: WHAT ACTIVITIES RESIDENTS WANT



The Eastern Reaches were described as areas for **experiencing nature**, the character of which is shaped by:

- its vulnerability to multiple hazards including flooding and coastal inundation
- its opportunity to reconnect nationally significant wetlands and swamp with a restored saltmarsh and estuary environment to support mahinga kai
- the opportunity to provide a destination for the City to Sea pathway that supports the local economy
- an opportunity to improve transport connections between the east and the rest of the city.

Two-thirds (67%) of residents aged 18 or over living in Christchurch City selected **Ecological Restoration and Eco-Sanctuary** as the activity they would most like to see in this Reach. This was followed by **Make a Splash** (29%), **Ecotourism Ventures** (28%) and **Kids' Paradise** (26%).

Those aged 18-24 (51%) and those who are living in a flatting situation (52%) are more likely to have selected **Ecotourism Ventures**. Households with the youngest child under 5 (46%) or aged 5-15 (34%) are more likely to have selected **Kids' Paradise**.

## ECOLOGICAL RESTORATION & ECO-SANCTUARY

67%

## MAKE A SPLASH

29%

## ECOTOURISM VENTURES

28%

## KIDS' PARADISE

26%

## SUSTAINABLE FARMING

19%

## NEED FOR SPEED

11%

# EASTERN REACHES: WHAT PEOPLE LIKE



## WHAT PEOPLE LIKED FROM THE EXHIBITION FEEDBACK

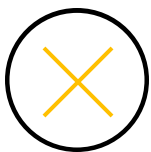
1. Ecological Restoration and Eco-Sanctuary
2. Regenerating the wetlands - linkage with Travis Wetlands
3. Focus should be on restoration of the natural environment above all
4. Protection of native plants and wildlife



*"Predator proof **eco-sanctuary** connecting with Travis wetland. This would be a wonderful opportunity to have a Zealandia in Christchurch. In Wellington the city has been enthused enough about the experience of kaka, wood pigeons, saddle backs in their garden to aim for the city to become predator free. This area could introduce children to what our native plants, birds and invertebrates are like."*

*"I love the focus on a return to nature. I think this will make the east of Christchurch really special and unique, playing a big part in boosting its **economy**."*

*"The increase in **native plantings** - it's currently a bare urban landscape in the main here. It would be good to have names showing for the different species so people could choose something they like and may wish to plant in their own environment."*



## WHAT PEOPLE DON'T LIKE OR ARE UNSURE ABOUT FROM THE EXHIBITION FEEDBACK

1. Need for Speed (specifically excessive noise/speed)
2. Negative impacts on current wildlife and plants
3. Sustainable Farming
4. Make a Splash

*"I don't like the idea of a karting track. Keep it natural. The last thing you want to hear in a **nature reserve** is karts in the background. This could also prevent native birds etc. from establishing. If you limit it to mountain bikes or bmx bike tracks this would be good. It will provide something for the adrenaline seekers, but keep the noise and smell of karts away from nature."*

*"I am worried that the **wetlands and swamp** that were historically a big part of this area will be lost. With this being one of the contributing factors to why these areas were so badly damaged in the earthquakes it is vital to ensure that this area is utilised in a way that works with the environment, to avoid such substantial issues in the event of future natural disasters."*

*"Not **sustainable farming** or only on a temporary basis. This should be the area for more recreational pursuits."*

*"I don't like the splash concept. There's QEII, the proposed hot salt water pools and that's enough. Keep the splash stuff elsewhere. Keep the eastern reaches to **ecological** and less invasive and intensive options."*

Q13. What are the things that you like most about the proposed Eastern Reaches? You can select up to 2.

Q14. What are the things you are unsure about or do not like about the proposed Eastern Reaches? You can select up to 2.

# IS THERE SUPPORT FOR SMALL POCKETS OF HOUSING?

Small pockets of housing refers to housing on the edges of the Ōtākaro Avon River Corridor where currently back fences face the Corridor.

This would:

- link the existing neighbourhoods with the Corridor
- make the area around the edge of the Corridor more attractive
- reduce opportunities for crime by having houses overlook the Corridor.



**53%**

of those aged 18 or over who live in Christchurch City would support small pockets of housing

Those more likely to support this (53%) are:

- aged 18-24 (63%)

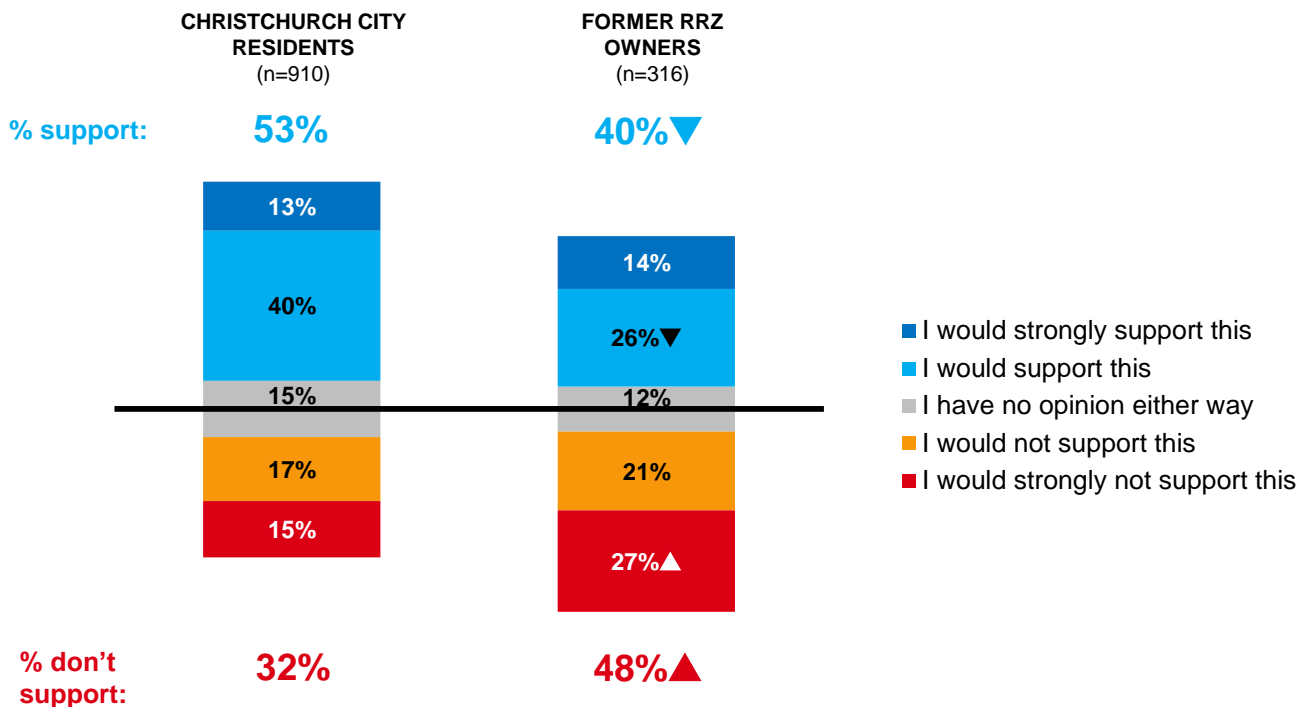


**32%**

would **not** support this

Those less likely to support this (53%) are:

- aged 75 or over (49%)
- former RRZ owners (40%).



▲▼ = the result for former RRZ owners is significantly higher or lower than the greater Christchurch result at a 95% confidence level

Q15. Which of the following best describes how much you would support this idea? Base: Excludes those who said don't know



# IS THERE SUPPORT FOR SMALL ADAPTABLE HOUSING?

Adaptable or alternative housing within the Ōtākaro Avon River Corridor could include the following:

- tiny house communities
- moveable housing that can be relocated as sea levels rise
- floating houses that sit permanently on water (the river may need excavating to create suitable berths)
- amphibious houses that float when the water levels rise but rest on concrete foundations most of the time. These would be located in stormwater treatment wetlands.



**44%**

of those aged 18 or over who live in Christchurch City would support adaptable housing



**45%**

would **not** support this

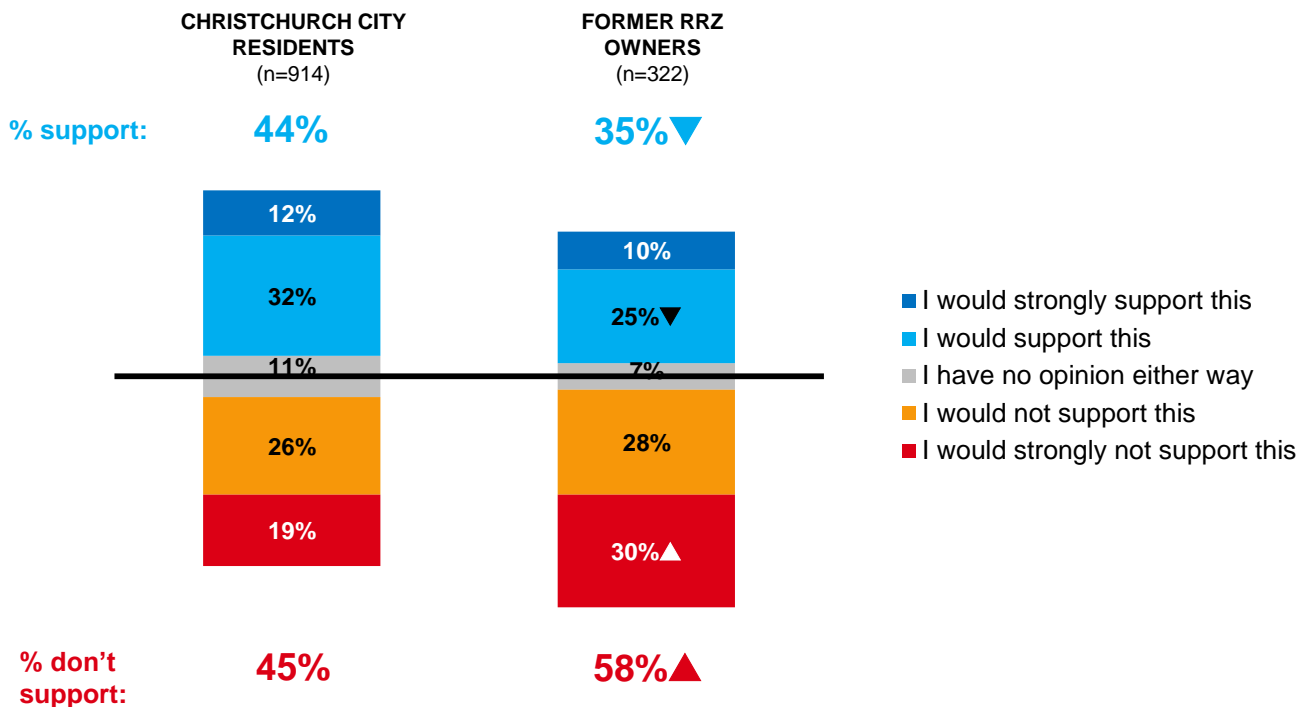
An equal proportion of Christchurch City residents support this type of housing as the proportion who don't.

Those more likely to support this (44%) are:

- aged 18-24 (64%)

Those less likely to support this (44%) are:

- aged 75 or over (24%)
- former RRZ owners (35%).



▲▼ = the result for former RRZ owners is significantly higher or lower than the greater Christchurch result at a 95% confidence level

Q16. On the whole, which best describes how much you would support this idea? Base: Excludes those who said don't know

# LAND USE PREFERENCES

Respondents were asked how they would allocate the remaining land outside the Green Spine between five potential land uses.

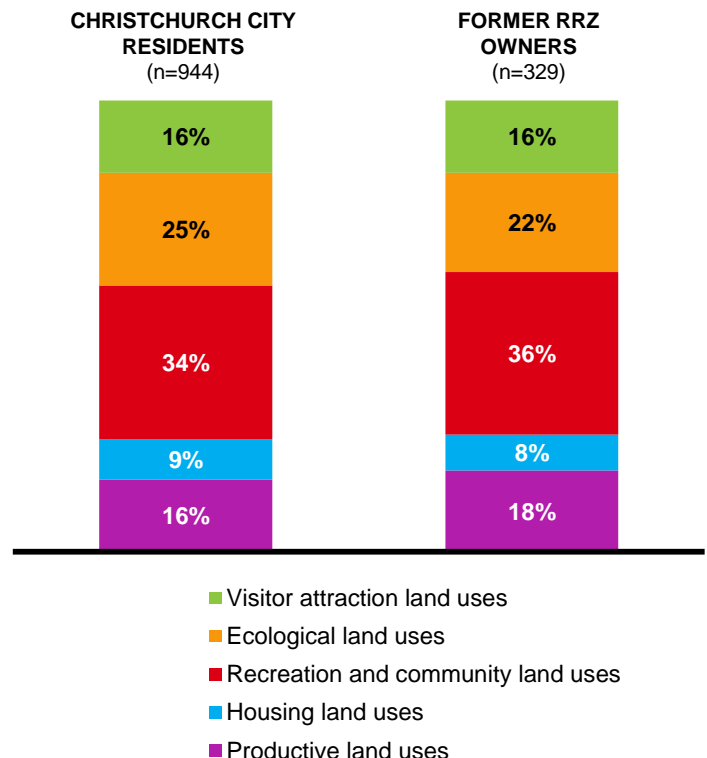
- ▶ **PRODUCTIVE LAND USES:** This could include small to medium scale horticulture and food production, sustainable agriculture, forestry, cropping, or aquaculture.
- ▶ **HOUSING LAND USES:** This could include small scale housing around the edges of existing communities to create safer and more attractive spaces and adaptable housing that can be accommodated in a flood-prone environment. It does not include large scale residential development.
- ▶ **RECREATION AND COMMUNITY LAND USES:** This could include 'free to use' cycle and walkways, dog parks, playgrounds, community gardens, amphitheatres, heritage trails, and other spaces for children, young people and adults to meet and connect.
- ▶ **ECOLOGICAL LAND USES:** This could range from small scale restoration projects to the creation of fenced eco-sanctuaries.
- ▶ **VISITOR ATTRACTION LAND USES:** This could include 'pay to enter' attractions and activities that draw local, national and international visitors and create jobs and other economic benefits.

On average, Christchurch City residents would put most weight on recreation and community land uses (34%), followed by ecological land uses (25%).

Former RRZ owners would classify the land similarly.

There are differences by gender and age. Key differences include:

- Females would allocate more land to **productive** uses (17%)
- Young people aged 18-24 would allocate more land to **housing** (13%)
- Those aged 25-54 would allocate more land to **ecological** uses (26% among those aged 25-39 and 27% among those aged 40-54)
- Those aged 75+ would allocate more land to **recreational and community** uses (40%).



▲▼ = the result for former RRZ owners is significantly higher or lower than the greater Christchurch result at a 95% confidence level

Q22. At the beginning of this survey, we asked you if you had a choice of how the remaining land outside of the Green Spine should be used, what weighting or emphasis you would give to each of the following land uses. Your answer is shown below. If you would like to change it now that you have seen some potential types of activities and thought more about the use of this land, please enter your new answer.



# APPENDICES

PAGE:

<b>APPENDIX 1:</b>	
RESEARCH METHODOLOGY	<b>32-33</b>

<b>APPENDIX 2:</b>	
DETAILED RESULTS FROM THE REPRESENTATIVE SURVEY (UNLESS THEY WERE INCLUDED IN THE MAIN REPORT)	<b>35-42</b>

<b>APPENDIX 3:</b>	
DETAILED FEEDBACK FROM THE EXHIBITION FEEDBACK	<b>43-45</b>

## APPENDIX 1:

# RESEARCH METHODOLOGY




There were two components to the research:

1. Representative Survey
2. Exhibition Feedback

Each component had feedback collected in a number of different ways. This is outlined in detail below.

### REPRESENTATIVE SURVEY

The Representative Survey was conducted amongst three groups:

-  Greater Christchurch residents aged 15+
-  New Zealanders living outside greater Christchurch
-  Former residential red zone property owners

#### GREATER CHRISTCHURCH RESIDENTS AGED 15+ (n=1283)

There were three sample sources for the Greater Christchurch resident sample:

**SAMPLE SOURCE 1:** A random sample of greater Christchurch residents aged 18 or over were selected from the electoral roll and invited to take part in the survey online via a letter. Those who did not respond were sent a reminder postcard, and anyone unable to complete the survey online were able to go to the engagement hub where the team helped them to take part.

A flyer was included with the initial letter providing the opportunity for anyone in the household aged 15-17 to respond as well.

The response rate for those aged 18+ was 14% (a response rate cannot be estimated for those aged 15-17).

**SAMPLE SOURCE 2:** Those who took part in the Community Needs Assessment research conducted by Nielsen in 2017 (originally recruited via the electoral roll) and who said they could be re-contacted for further research were also given the opportunity to take part. These respondents were sent an email invitation and two reminders. The response rate was 33%.

**SAMPLE SOURCE 3:** Those aged 15 to 17 were approached on the street, in schools and the engagement hub and invited to take part. Additional responses were sought from 15-17 year olds who belong to a research panel.

The research was designed to target the following sample mix:

- **Region:** 300 from East Christchurch, 500 from the rest of Christchurch, 200 from Selwyn District, 200 from Waimakariri District.
- **Ethnicity:** A minimum of 100 people who identify as Māori.
- **Young people:** A minimum of 70 young people aged 15-17 was targeted

Results were weighted by gender, age, region and ethnicity to ensure the results are representative of the greater Christchurch population (by correcting for any imbalances in the sample).

On average, the survey took 25 minutes to complete. Those aged 15-17 were eligible to enter a prize draw to win one of five \$100 Prezzy® Cards, while those aged 18 or over were eligible to enter a prize draw to win a \$500 Prezzy® Card.

#### NEW ZEALANDERS LIVING OUTSIDE OF GREATER CHRISTCHURCH (n=506)

These respondents were recruited via a research panel. The results were weighed by age, gender and region to the population to correct any minor imbalances in the sample achieved. The average time to complete the survey was about 15 minutes as the questionnaire was shorter than for greater Christchurch residents.



## FORMER RESIDENTIAL RED ZONE PROPERTY OWNERS (n=329)

Former RRZ owners who took part in a 2015 survey conducted by Nielsen on behalf of the Canterbury Earthquake Recovery Authority, and who said they were happy to be re-contacted to participate in further research on the topic were invited via email. The response rate was 31%.

These former RRZ owners were those who had accepted the Crown offer at the time of the survey, who had an email address available and whose property was in Christchurch City.

Three email invites were sent, giving them the opportunity to take part. All former RRZ owners were eligible to respond, irrespective of where they are currently living.

These results have not been weighted. A sample profile to show their characteristics is shown below:

AGE:		GENDER:		ETHNICITY:	
15-24	0%	Male	40%	NZ European	87%
25-39	3%	Female	60%	Māori	6%
40-54	34%			Pacific / Asian / Indian	2%
55-74	57%			Other	5%
75+	6%				

## MARGIN OF ERROR

All sample surveys are subject to sampling error.

Based on the sample size for greater Christchurch residents (n=1,283), the results shown in this survey are subject to a maximum sampling error of plus or minus 2.7% at the 95% confidence level. That is, there is a 95% chance that the true population value of a recorded figure of 50% actually lies between 47.3% and 52.7%. As the value moves further away from 50%, the error margin will decrease.

Group	Number of respondents	Estimated maximum margin of error (at a 95% confidence level)
Residents of greater Christchurch (Christchurch City, Selwyn District and Waimakariri District) aged 15 or over	n=1,283	± 2.7%
New Zealanders aged 15+ who live outside of greater Christchurch	n=506	± 4.4%
Former residential red zone property owners who accepted the Crown offer and who have taken part in previous research and gave permission to be re-contacted	n=329	± 5.4%

EXHIBITION FEEDBACK

FEEDBACK VIA THE ENGAGEMENT HUB (n=2,116)

Anyone was welcome to provide their feedback on the proposed land use plan via the Regenerate Christchurch website, the hub in Cashel Mall and via the travelling exhibition where volunteers and staff were collecting feedback in public places. A total of 2,224 people provided feedback this way.

Results of this feedback is not representative of the population. The table below shows who feedback was received from:

AGE:		REGION:	
Under 15	4%	Banks Peninsula	3%
15-24	8%	Christchurch City (excluding Banks Peninsula)	85%
25-49	39%	Selwyn District	4%
50-64	31%	Waimakariri District	3%
65+	18%	Wider Canterbury region	1%
		Outside of Canterbury but in New Zealand	3%
		Overseas	1%

FEEDBACK VIA EMAIL OR POST (n=108)

Some 108 individuals and/or groups also provided feedback on the proposed plan directly to Regenerate Christchurch via email or post. These responses were incorporated where possible with the responses from the Exhibition Space. The feedback was analysed by Nielsen’s expert coding team who pulled out what respondents liked and do not like.

**NOTE:** A signed petition in favour of a flatwater facility being included in the Corridor was signed by 10,388\* people and has been treated as feedback and commented on in the findings where relevant.

\* Please note: The number of signatories on the petition has been counted manually and is approximately 10,388.

## APPENDIX 2:

## DETAILED RESULTS - REPRESENTATIVE SURVEY

This appendix provides the full breakdown of results which are not included in the body of the report to the Representative Survey conducted among the following three groups:

- Residents of greater Christchurch (Christchurch City, Selwyn District and Waimakariri District) aged 15 or over
- New Zealanders aged 15+ who live outside of greater Christchurch
- Former residential red zone property owners who accepted the Crown offer and who have taken part in previous research and gave permission to be re-contacted.

The main results are those of the greater Christchurch residents. Where results for the other two groups differ from the greater Christchurch results, significant differences (at a 95% confidence level) are marked with a triangle (▲ = the result is significantly higher than the greater Christchurch result, ▼ = the result is significantly lower than the greater Christchurch result).

'Don't know' responses for rating scales were small (less than 5%) and have been excluded from the results for analysis.

For the purpose of this report, the following rules have been applied to ensure results add exactly to 100% (rather than 99% or 101% which can occur due to rounding):

- If results add to 101% - round down the one that is rounded up the most
- If results add to 99% - round up the one that is rounded down the most.

This has been done at Regenerate Christchurch's request to avoid confusion in the reporting of results.

### QUESTION 7: If the proposed Green Spine was the first focus for the development, how would you rate each of the following:

Base: All respondents, excluding those who said don't know

	GREATER CHRISTCHURCH RESIDENTS n=1254-1263	NEW ZEALANDERS FROM OUTSIDE OF GREATER CHRISTCHURCH n=471-484	FORMER RRZ OWNERS n=324-327
<b>I am excited by what is proposed for the Green Spine</b>			
Strongly agree	37%	25% ▼	35%
Agree	45%	50%	42%
Neither agree nor disagree	12%	21% ▲	15%
Disagree	4%	2%	5%
Strongly disagree	2%	2%	3%
<b>NET: Agree/strongly agree</b>	<b>82%</b>	<b>75% ▼</b>	<b>77% ▼</b>
<b>NET: Disagree/strongly disagree</b>	<b>6%</b>	<b>4%</b>	<b>8%</b>
<b>The land use plan makes me want to visit the proposed Green Spine</b>			
Strongly agree	40%	27% ▼	35%
Agree	44%	45%	44%
Neither agree nor disagree	11%	23% ▲	14%
Disagree	3%	4%	5%
Strongly disagree	2%	1%	2%
<b>NET: Agree/strongly agree</b>	<b>84%</b>	<b>72% ▼</b>	<b>79% ▼</b>
<b>NET: Disagree/strongly disagree</b>	<b>5%</b>	<b>5%</b>	<b>7%</b>
<b>The proposed Green Spine provides infrastructure that is important for the future of Christchurch</b>			
Strongly agree	38%	30% ▼	38%
Agree	47%	49%	45%
Neither agree nor disagree	10%	17% ▲	11%
Disagree	3%	2%	4%
Strongly disagree	2%	2%	2%
<b>NET: Agree/strongly agree</b>	<b>85%</b>	<b>79% ▼</b>	<b>83%</b>
<b>NET: Disagree/strongly disagree</b>	<b>5%</b>	<b>4%</b>	<b>6%</b>

**QUESTION 8: And what is your overall opinion of the proposed Green Spine?***Base: All respondents, excluding those who said don't know*

	GREATER CHRISTCHURCH RESIDENTS n=1265	NEW ZEALANDERS FROM OUTSIDE OF GREATER CHRISTCHURCH n=473	FORMER RRZ OWNERS n=325
Excellent	22%	22%	20%
Very good	42%	38%	44%
Good	27%	32%▲	24%
Fair	7%	7%	7%
Poor	2%	1%	5%▲
<b>NET: Excellent or very good or good</b>	<b>91%</b>	<b>92%</b>	<b>88%</b>
<b>NET: Poor or fair</b>	<b>9%</b>	<b>8%</b>	<b>12%</b>

**QUESTION 9: What are the things that you like most about the proposed Green Spine?***Base: All respondents*

	GREATER CHRISTCHURCH RESIDENTS n=1283	NEW ZEALANDERS FROM OUTSIDE OF GREATER CHRISTCHURCH n=506	FORMER RRZ OWNERS n=329
Walkways	20%	7% ▼	19%
Ecological restoration and habitat renewal	19%	11% ▼	19%
Ability to connect with nature in the city	18%	11% ▼	11% ▼
Opportunities for recreation and sports	18%	7% ▼	18%
Accessible to all	16%	11% ▼	19%
Cycleways	15%	4% ▼	17%
Protection of native plants and wildlife	13%	13%	12%
Continuous link from City to Sea	13%	4% ▼	13%
Provision of green, open space	12%	15%	11%
Use and celebration of the river	12%	3% ▼	11%
Places for community activities/it is community focused	10%	7% ▼	10%
Good use for damaged land	7%	12%▲	8%
Getting the river back to good health	7%	5%	6%
Multi-functional uses	7%	3% ▼	5%
Good for tourism	6%	3% ▼	5%
Places to get together/meet up	6%	3% ▼	5%
Great for families	6%	3% ▼	2% ▼
Community food production	6%	1% ▼	5%
A great idea	5%	8%▲	4%
Flood protection	5%	3%	5%
Education/encourages ecological awareness	5%	1% ▼	1% ▼
Stormwater treatment for the wetlands	3%	1% ▼	3%
Provision of the necessary facilities	3%	1% ▼	4%
Culture and Heritage	3%	-	1%

*Note: Only responses over 3% shown*



### QUESTION 10: What are the things you are unsure about or do not like about the proposed Green Spine?

Base: All respondents

	GREATER CHRISTCHURCH RESIDENTS n=1283	NEW ZEALANDERS FROM OUTSIDE OF GREATER CHRISTCHURCH n=506	FORMER RRZ OWNERS n=329
Inclusion of any housing	8%	1%▼	14%▲
Cost - how much and who pays	6%	12%▲	4%
Commercial activities - if any, should be minimal and appropriate	6%	3%▼	7%
No provision for a flatwater facility	6%	-	6%
Future maintenance - who will be responsible/fear it will become untidy	5%	1%▼	4%
Security in the area	4%	1%▼	3%
May attract the wrong kind of people/risk of criminal activities	3%	1%▼	3%
Cost of maintenance - how much and who pays	3%	1%▼	1%
Community gardens	3%	-	2%

Note: Only responses over 3% are shown

### QUESTION 11: Considering the activities and attractions below, which is the one you like the most and which is the one you like the least?

Base: All respondents

Please note: the result provided is a utility score from the MaxDiff analysis.

	GREATER CHRISTCHURCH RESIDENTS n=1283	NEW ZEALANDERS FROM OUTSIDE OF GREATER CHRISTCHURCH n=428	FORMER RRZ OWNERS n=240
Ecological Restoration and Eco-Sanctuary	11.4	10.5	11.6
Let's Explore	10.8	8.8	11.1
Being Active	10.3	7.2	10.1
Whānau Fun	9.5	8.7	9.2
Kids' Paradise	6.9	6.5	7.1
Make a Splash	6.2	5.0	5.3
Grow, Sell, Share and Forage	6.2	6.4	6.1
Being Neighbourly	6.0	6.4	7.6
Sustainable Farming	5.1	6.2	4.9
Let's Celebrate	5.1	4.8	5.3
Christchurch on a Plate	4.8	5.7	4.8
Ecotourism Ventures	4.7	5.5	3.8
Discover the Cultural Trail	3.8	4.8	4.4
Take in the View	3.5	6.8	2.8
Cultural Experience	3.3	4.3	4.4
Need for Speed	2.4	2.4	1.5

**QUESTION 12: Which activities would you most like to see in this area? - Ōtākaro Loop Reach***Base: Those aged 18 or over who live in Christchurch City*

GREATER CHRISTCHURCH RESIDENTS	
	n= 944
Whānau Fun	51%
Kids' Paradise	33%
Christchurch on a Plate	32%
Ecotourism Ventures	27%
Cultural Experience	26%
Take in the View	15%
Don't know/unsure	3%

**QUESTION 13: Which activities would you most like to see in this area? - Horseshoe Lake Reach***Base: Those aged 18 or over who live in Christchurch City*

GREATER CHRISTCHURCH RESIDENTS	
	n= 944
Ecological Restoration and Eco-Sanctuary	60%
Grow, Sell, Share and Forage	34%
Make a Splash	30%
Sustainable Farming	24%
Christchurch on a Plate	20%
Cultural Experience	13%
Don't know/unsure	2%

**QUESTION 14: Which activities would you most like to see in this area? - Eastern Reaches***Base: Those aged 18 or over who live in Christchurch City*

GREATER CHRISTCHURCH RESIDENTS	
	n= 944
Ecological Restoration and Eco-Sanctuary	67%
Make a Splash	29%
Ecotourism Ventures	28%
Kids' Paradise	26%
Sustainable Farming	19%
Need for Speed	11%
Don't know/unsure	2%

**QUESTION 15: One of the ideas is to build small pockets of housing on the edges of the Ōtākaro Avon River Corridor where currently back fences face the Corridor. This would link the existing neighbourhoods with the Corridor, make the area around the edge of the Corridor more attractive and reduce opportunities for crime by having houses overlook the Corridor.**

**Which of the following best describes how much you would support this idea?***Base: Those aged 18 or over who live in Christchurch City or are a former red zone property owner, excluding those who said don't know*

	CHRISTCHURCH CITY RESIDENTS	FORMER RRZ OWNERS
	n=910	n=316
I would strongly support this	13%	14%
I would support this	40%	26% ▼
I have no opinion either way	15%	12%
I would not support this	17%	21%
I would strongly not support this	15%	27% ▲
NET: Support or strongly support	53%	40% ▼
NET: Don't support or strongly don't support	32%	48% ▲

**QUESTION 16: Another idea is to build adaptable or alternative housing within the Ōtākaro Avon River Corridor. This could include...**

tiny house communities

moveable housing that can be relocated as sea levels rise

floating houses that sit permanently on water (the river may need excavating to create suitable berths)

amphibious houses that float when the water levels rise but rest on concrete foundations most of the time. These would be located in stormwater treatment wetlands.

**On the whole, which best describes how much you would support this idea?**

*Base: Those aged 18 or over who live in Christchurch City or are a former red zone property owner, excluding those who said don't know*

	CHRISTCHURCH CITY RESIDENTS n=914	FORMER RRZ OWNERS n=322
I would strongly support this	12%	10%
I would support this	32%	25%▼
I have no opinion either way	11%	7%
I would not support this	26%	28%
I would strongly not support this	19%	30%▲
<b>NET: Support or strongly support</b>	<b>44%</b>	<b>35%▼</b>
<b>NET: Don't support or strongly don't support</b>	<b>45%</b>	<b>58%▲</b>

**QUESTION 18: Thinking about the land use plan for the Ōtākaro Avon River Corridor as a whole, how much do you agree or disagree with each of the following:**

*Base: All respondents, excluding those who said don't know*

	GREATER CHRISTCHURCH RESIDENTS n=1209-1266	NEW ZEALANDERS FROM OUTSIDE OF GREATER CHRISTCHURCH n=460-484	FORMER RRZ OWNERS n=312-325
<b>I am excited by what is proposed for the Ōtākaro Avon River Corridor</b>			
Strongly agree	39%	29%▼	30%▼
Agree	43%	45%	41%
Neither agree nor disagree	12%	21%▲	21%▲
Disagree	4%	3%	5%
Strongly disagree	2%	2%	3%
<b>NET: Agree/strongly agree</b>	<b>82%</b>	<b>74%▼</b>	<b>71%▼</b>
<b>NET: Disagree/strongly disagree</b>	<b>6%</b>	<b>5%</b>	<b>8%</b>
<b>The land use plan makes me want to visit the proposed Ōtākaro Avon River Corridor</b>			
Strongly agree	45%	30%▼	37%▼
Agree	40%	47%▲	44%
Neither agree nor disagree	10%	18%▲	11%
Disagree	3%	3%	4%
Strongly disagree	2%	2%	4%
<b>NET: Agree/strongly agree</b>	<b>85%</b>	<b>77%▼</b>	<b>81%</b>
<b>NET: Disagree/strongly disagree</b>	<b>5%</b>	<b>5%</b>	<b>8%▲</b>
<b>The land use plan would be appealing to visitors of Christchurch</b>			
Strongly agree	40%	39%	31%▼
Agree	45%	47%	50%
Neither agree nor disagree	11%	12%	13%
Disagree	2%	1%	3%
Strongly disagree	2%	1%	3%
<b>NET: Agree/strongly agree</b>	<b>85%</b>	<b>86%</b>	<b>81%</b>
<b>NET: Disagree/strongly disagree</b>	<b>4%</b>	<b>2%</b>	<b>6%</b>

## QUESTION 18 CONTINUED:

Thinking about the land use plan for the Ōtākaro Avon River Corridor as a whole, how much do you agree or disagree with each of the following:

Base: All respondents, excluding those who said don't know

	GREATER CHRISTCHURCH RESIDENTS n=1209-1266	NEW ZEALANDERS FROM OUTSIDE OF GREATER CHRISTCHURCH n=460-484	FORMER RRZ OWNERS n=312-325
<b>The land use plan will make a positive contribution to the social / community wellbeing of Christchurch</b>			
Strongly agree	41%	35% ▼	36%
Agree	45%	46%	46%
Neither agree nor disagree	10%	15% ▲	12%
Disagree	2%	2%	4%
Strongly disagree	2%	2%	2%
NET: Agree/strongly agree	86%	81% ▼	82%
NET: Disagree/strongly disagree	4%	4%	6%
<b>The land use plan will make a positive contribution to the economic prosperity of Christchurch</b>			
Strongly agree	26%	27%	20% ▼
Agree	45%	48%	43%
Neither agree nor disagree	23%	20%	30% ▲
Disagree	4%	4%	3%
Strongly disagree	2%	1% ▼	4%
NET: Agree/strongly agree	71%	75%	63% ▼
NET: Disagree/strongly disagree	6%	5%	7%
<b>The land use plan will make a positive contribution to the cultural identity of Christchurch</b>			
Strongly agree	31%	26%	26%
Agree	42%	49% ▲	38%
Neither agree nor disagree	21%	21%	28% ▲
Disagree	4%	2%	6%
Strongly disagree	2%	2%	2%
NET: Agree/strongly agree	73%	75%	64% ▼
<b>The land use plan will make a positive contribution to Christchurch's natural environment</b>			
Strongly agree	49%	38% ▼	40% ▼
Agree	41%	45%	48% ▲
Neither agree nor disagree	7%	15% ▲	8%
Disagree	1%	2%	2% ▲
Strongly disagree	2%	0%	2%
NET: Agree/strongly agree	90%	83% ▼	88%
NET: Disagree/strongly disagree	3%	2%	4%
<b>The land use plan is adaptable to the changing needs of future generations</b>			
Strongly agree	26%	31%	20% ▼
Agree	50%	45%	48%
Neither agree nor disagree	19%	19%	27% ▲
Disagree	3%	4%	3%
Strongly disagree	2%	1%	2%
NET: Agree/strongly agree	76%	76%	68% ▼
NET: Disagree/strongly disagree	5%	5%	5%



### QUESTION 19: And what is your overall opinion of the proposed land use plan for the Ōtākaro Avon River Corridor?

Base: All respondents, excluding those who said don't know

	GREATER CHRISTCHURCH RESIDENTS n=1263	NEW ZEALANDERS FROM OUTSIDE OF GREATER CHRISTCHURCH n=483	FORMER RRZ OWNERS n=319
Excellent	20%	23%	15% ▼
Very good	40%	43%	39%
Good	29%	28%	32%
Fair	9%	5% ▼	8%
Poor	2%	1%	6% ▲
<b>NET: Excellent or very good or good</b>	<b>89%</b>	<b>94% ▲</b>	<b>86%</b>
<b>NET: Poor or fair</b>	<b>11%</b>	<b>6% ▼</b>	<b>14%</b>

### QUESTION 20: What are the things that you like most about the land use plan?

Base: All respondents

	GREATER CHRISTCHURCH RESIDENTS n=1283	NEW ZEALANDERS FROM OUTSIDE OF GREATER CHRISTCHURCH n=506	FORMER RRZ OWNERS n=329
Protection of native plants and wildlife	16%	13%	10% ▼
Opportunities for recreation and sports	13%	7% ▼	12%
Ecological restoration and habitat renewal	13%	7% ▼	10%
Accessible to all	11%	12%	13%
Multi-functional uses	11%	11%	10%
Places for community activities/it is community focused	9%	11%	11%
It is family-orientated	9%	7%	5% ▼
Ability to connect with nature in the city	8%	7%	6%
Good use for damaged land	7%	12% ▲	8%
Good for tourism	7%	9%	4%
Provision of green, open space	6%	6%	8%
Walkways	6%	1% ▼	9%
The links to heritage and culture	6%	4%	5%
Community food production	6%	3% ▼	6%
Free and low cost options	5%	3%	2% ▼
Use and celebration of the river	5%	1% ▼	3%
A great idea	4%	7% ▲	3%
Sustainability	4%	5%	2%
Cycleways	4%	1% ▼	5%
Continuous link from City to Sea	4%	1% ▼	5%
Good for the economy	3%	3%	2%
Education/encourages ecological awareness	3%	2%	3%
Like the focus on the future	3%	3%	2%
Children specific areas	3%	1% ▼	2%
Place to get together/meet up	3%	1% ▼	3%
Getting the river back to good health	3%	1%	2%
Alternative housing	3%	-	2%

Note: Only responses over 3% are shown

**QUESTION 21: What are the things you are unsure about or do not like about the land use plan?***Base: All respondents*

	GREATER CHRISTCHURCH RESIDENTS n=1283	NEW ZEALANDERS FROM OUTSIDE OF GREATER CHRISTCHURCH n=506	FORMER RRZ OWNERS n=329
Commercial activities - if any, should be minimal and appropriate	10%	8%	9%
Inclusion of any housing	9%	0%	21%▲
Need for Speed (specifically excessive noise/speed)	6%	5%	3%
No concerns/nothing disliked	6%	29%▲	6%
Cost - how much and who pays	5%	8%▲	6%
No provision for a flatwater facility	5%	0%	8%▲
Negative impacts on current wildlife and plants	5%	4%	2%
Take in the View (specifically the gondola will be expensive and intrusive)	5%	1%▼	2%▼
User pays activities/too expensive for locals	4%	3%	1%▼
The tourist aspect/should be for the people who live and work there	4%	2%	1%▼
Cafés and restaurants	3%	1%▼	2%
Make a Splash	3%	1%	1%
Sustainable Farming	3%	1%▼	2%

*Note: Only responses over 3% are shown***QUESTION 22: At the beginning of this survey, we asked you if you had a choice of how the remaining land outside of the Green Spine should be used, what weighting or emphasis you would give to each of the following land uses.**

Your answer is shown below. If you would like to change it now that you have seen some potential types of activities and thought more about the use of this land, please enter your new answer. If you'd like to keep it the same, please tick the box at the bottom.

*Base: Those aged 18 or over who live in Christchurch City or are a former red zone property owner, excluding those who said don't know*

	CHRISTCHURCH CITY RESIDENTS n=944	FORMER RRZ OWNERS n=329
<b>Productive land uses</b> – This could include small to medium scale horticulture and food production, sustainable agriculture, forestry, cropping, or aquaculture.	16%	18%
<b>Housing land uses</b> – This could include small scale housing around the edges of existing communities to create safer and more attractive spaces and adaptable housing that can be accommodated in a flood-prone environment. It does not include large scale residential development.	9%	8%
<b>Recreation and community land uses</b> – This could include 'free to use' cycle and walkways, dog parks, playgrounds, community gardens, amphitheatres, heritage trails, and other spaces for children, young people and adults to meet and connect.	34%	36%
<b>Ecological land uses</b> – This could range from small scale restoration projects to the creation of fenced eco-sanctuaries.	25%	22%
<b>Visitor attraction land uses</b> – This could include 'pay to enter' attractions and activities that draw local, national and international visitors and create jobs and other economic benefits.	16%	16%

## APPENDIX 3: DETAILED RESULTS – EXHIBITION FEEDBACK

This appendix provides the results to the Exhibition Feedback in which 2,224 responses were received from individuals/groups.

All questions from this mechanism were open ended where those who took part wrote in their answers. The most common themes have been pulled out by Nielsen's coding team. The number of themes reported at each question depends on the number of comments made.

**QUESTION 4:** Thinking about the land use plan for the Ōtākaro Avon River Corridor as a whole, what are the things that you like most? (*Top 10 – responses coded into themes*)

Rank	Total comments: n=1921	Comments made:
1	Ecological restoration and habitat renewal	n=530
2	Protection of native plants and wildlife	n=435
3	Walkways	n=402
4	Opportunities for recreation and sports	n=398
5	Ability to connect with nature in the city	n=393
6	The Green Spine	n=361
7	Cycleways	n=345
8	Use and celebration of the river	n=271
9	Community food production	n=269
10	Continuous link from City to Sea	n=251

**QUESTION 5:** What are the things you are unsure about or do not like? (*Top 10 – responses coded into themes*)

Rank	Total comments: n=1558	Comments made:
1	No provision for a flatwater facility	n=308
2	Inclusion of any housing	n=254
3	Take in the View (specifically the gondola will be expensive and intrusive)	n=173
4	Pleased there is no provision for a flatwater facility	n=148
5	Need for Speed (specifically excessive noise/speed)	n=138
6	Commercial activities - if any, should be minimal and appropriate	n=133
7	Cafés and restaurants	n=121
8	Focus should be on restoration of the natural environment above all	n=106
9	Future maintenance - who will be responsible/fears it will become untidy	n=102
10	The Eden Project	n=94

**QUESTION 7:** What are the things that you like most about the proposed Green Spine? (*Top 5 – responses coded into themes*)

Rank	Total comments: n=559	Comments made:
1	Walkways	n=220
2	Cycleways	n=181
3	Use and celebration of the river	n=158
4	Continuous link from City to Sea	n=151
5	Ecological restoration and habitat renewal	n=144

**QUESTION 8:** What are the things you are unsure about or do not like about the proposed Green Spine? (*Top 5 – responses coded into themes*)

Rank	Total comments: n=412	Comments made:
1	Infrastructure should complement the natural environment	n=80
2	Commercial activities - if any, should be minimal and appropriate	n=40
3	No provision for a flatwater facility	n=32
4	Use and management of the river	n=31
5	Focus should be on restoration of the natural environment above all	n=28

**QUESTION 9:** What are the things that you like most about the proposed Ōtākaro Loop Reach? (*Top 4 – responses coded into themes*)

Rank	Total comments: n=388	Comments made:
1	Culture and Heritage	n=88
2	Kids' Paradise	n=63
3	Ecotourism Ventures	n=59
4	Great idea/like everything	n=42

**QUESTION 10:** What are the things you are unsure about or do not like about the proposed Ōtākaro Loop Reach? (*Top 5 – responses coded into themes*)

Rank	Total comments: n=283	Comments made:
1	Take in the View (specifically the gondola will be expensive and intrusive)	n=65
2	Cost - will this be self-sufficient	n=39
3	Impact on natural environment/keep area natural	n=37
4	Risk of being too commercial	n=31
5	Concern if targeted at tourists not local residents	n=27

**QUESTION 11:** What are the things that you like most about the proposed Horseshoe Lake Reach? (Top 5 – responses coded into themes)

Rank	Total comments: n=470	Comments made:
1	Grow, Sell, Share and Forage	n=133
2	Stormwater management	n=100
3	Ecological Restoration and Eco-Sanctuary	n=94
4	Sustainable Farming (specifically horticulture, plant and tree nurseries)	n=85
5	Regenerating the wetlands	n=83

**QUESTION 12:** What are the things you are unsure about or do not like about the proposed Horseshoe Lake Reach? (Top 5 – responses coded into themes)

Rank	Total comments n=341	Comments made:
1	Grow, Sell, Share and Forage	n=83
2	Make a Splash	n=54
3	No provision for a flatwater facility	n=54
4	Sustainable Farming	n=48
5	Focus should be on restoration of the natural environment above all	n=41

**QUESTION 13:** What are the things that you like most about the proposed Eastern Reaches? (Top 4 – responses coded into themes)

Rank	Total comments: n=433	Comments made:
1	Ecological Restoration and Eco-Sanctuary	n=151
2	Regenerating the wetlands - linkage with Travis Wetlands	n=146
3	Focus should be on restoration of the natural environment above all	n=93
4	Protection of native plants and wildlife	n=70

**QUESTION 14:** What are the things you are unsure about or do not like about the proposed Eastern Reaches? (Top 4 – responses coded into themes)

Rank	Total comments: n=230	Comments made:
1	Need for Speed (specifically excessive noise/speed)	n=41
2	Negative impacts on current wildlife and plants	n=34
3	Sustainable Farming	n=23
4	Make a Splash	n=23



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