

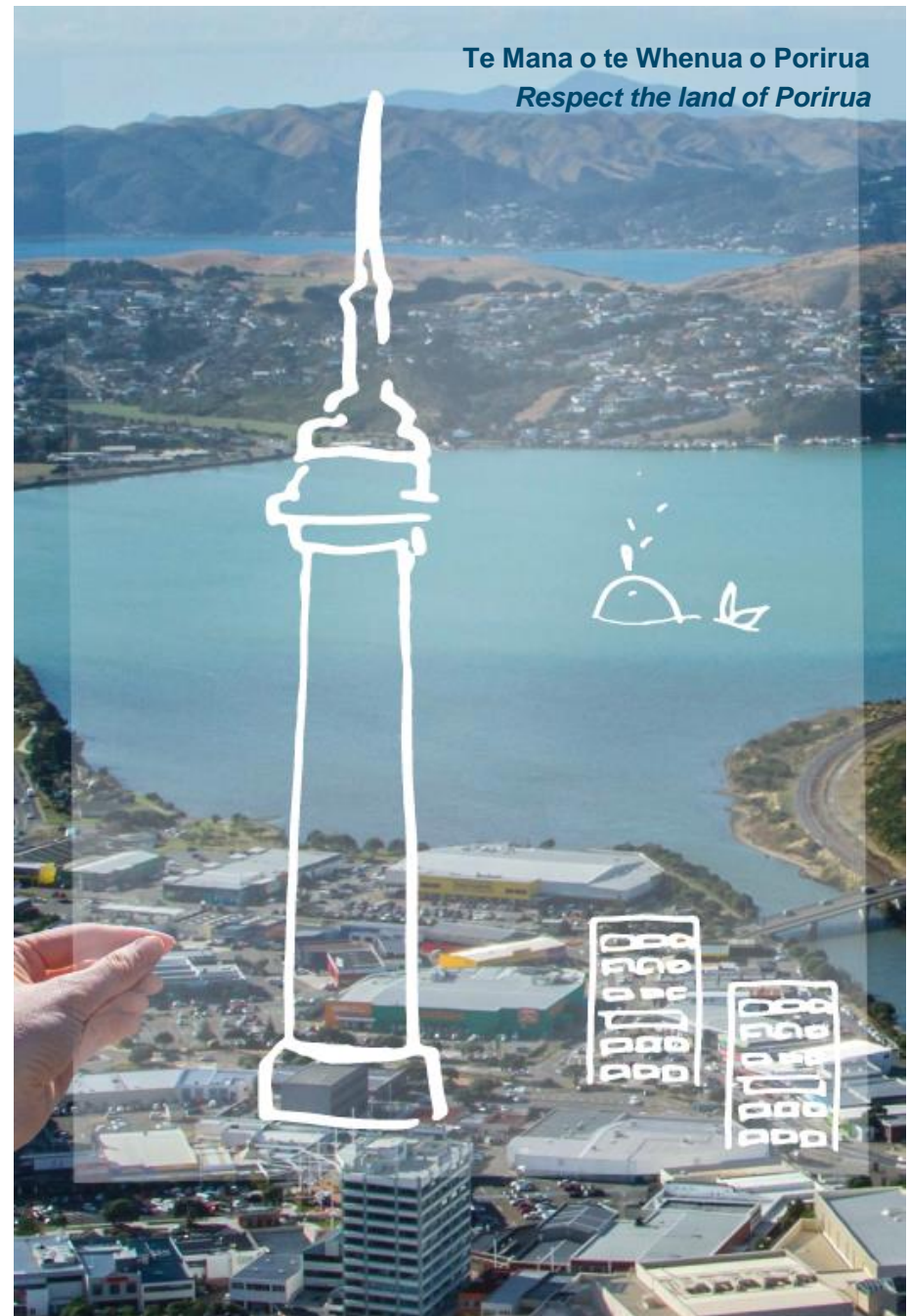
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Make your mark

Land use planning in Porirua

October 2017



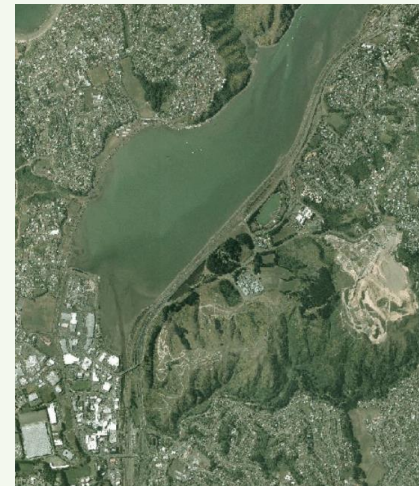
Te Mana o te Whenua o Porirua
Respect the land of Porirua

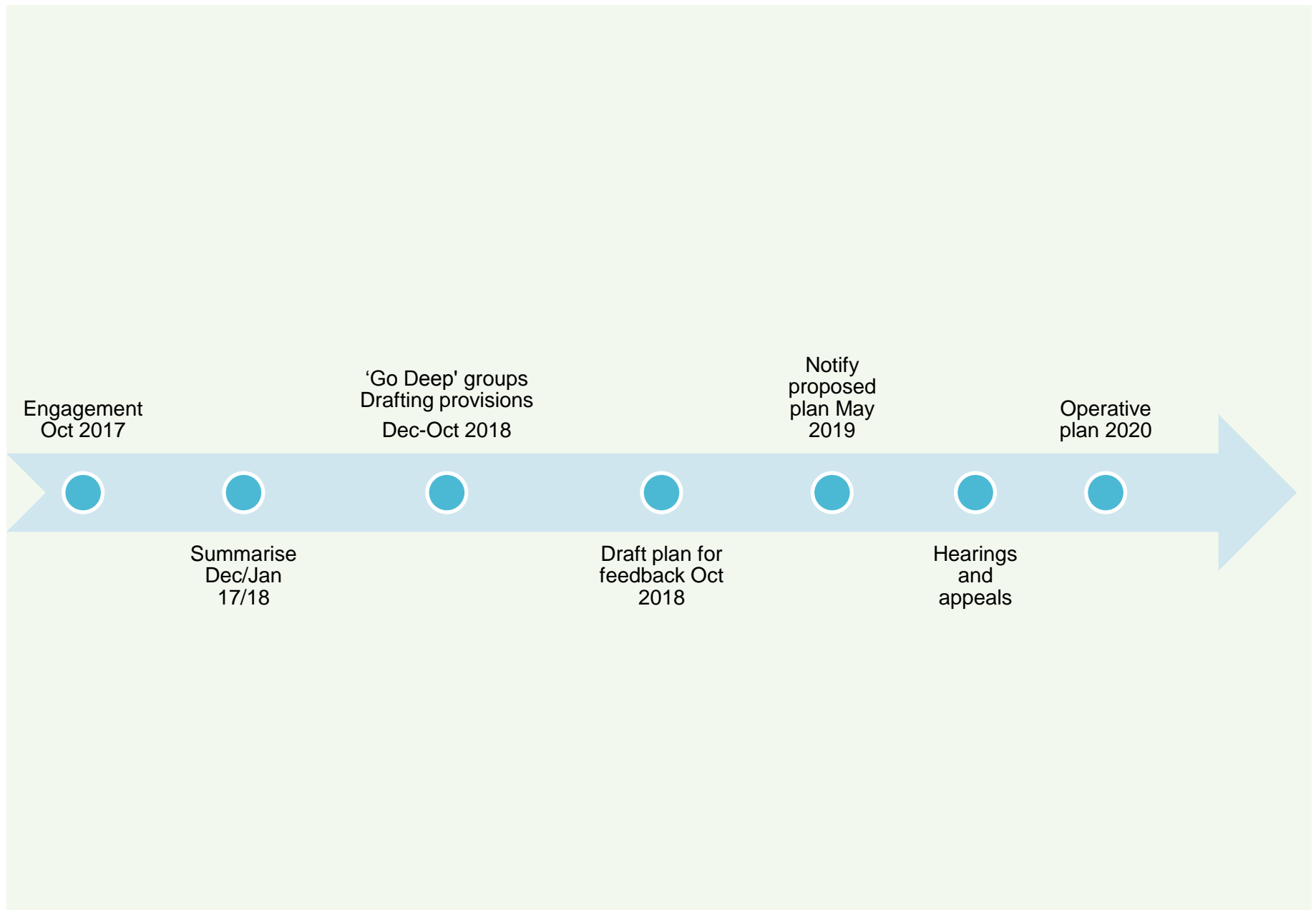
What is land use planning?

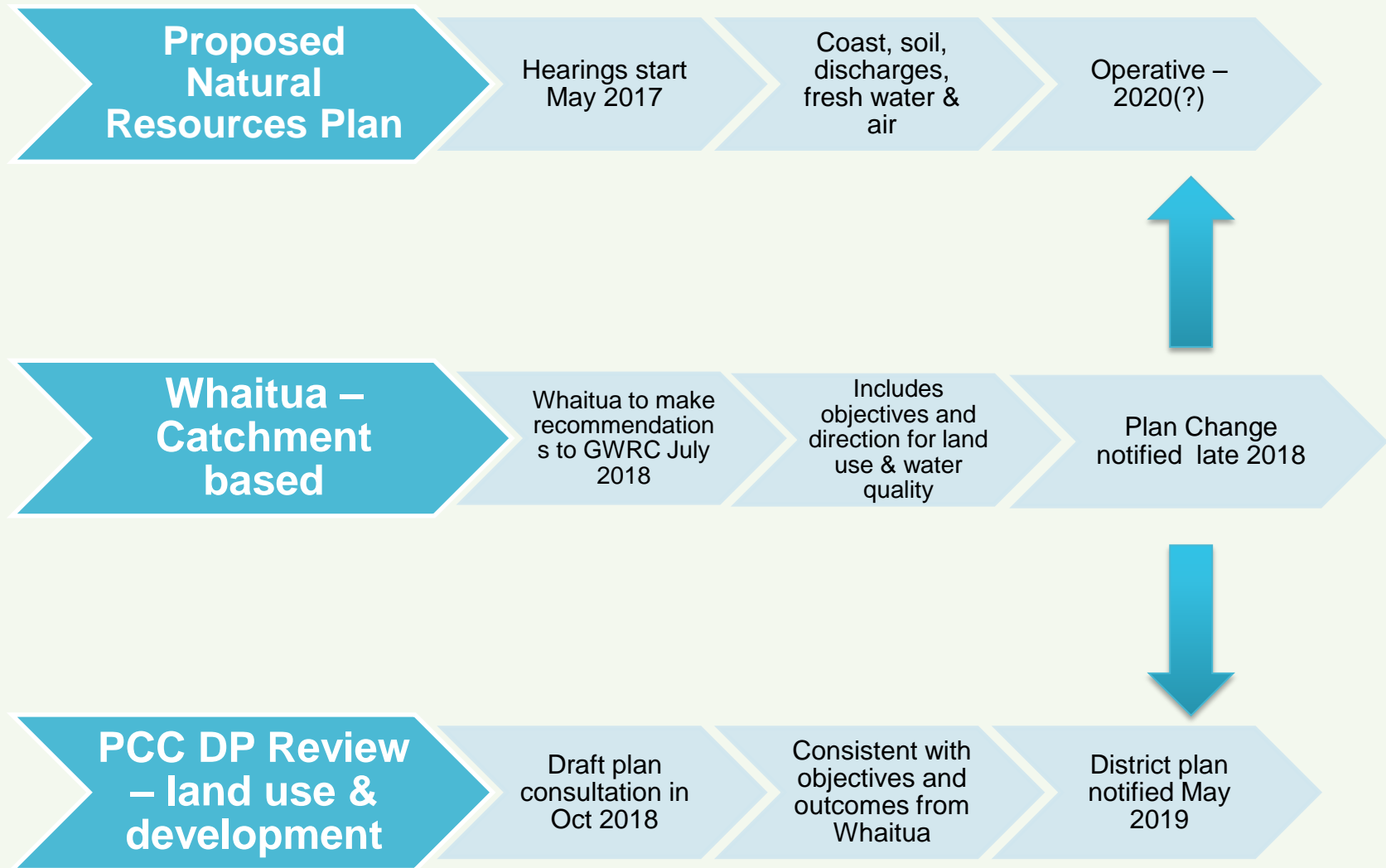
- **It is purposeful planning about how we manage our resources**
- **District plan takes a 30 year view of the City**
- **Lasts for 10 years typically**
- **You could call it a “rule book” on how we do things in the City under the RMA – it has policies, rules and objectives.**

Porirua is changing

- **Harbour health**
- **Housing affordability**
- **Transmission Gully**
- **Natural hazards**







Key outcomes for District Plan

- **Maintain and enhance our harbour**
- **Focus on quality growth across the City**
- **Enable increased business and employment opportunities**
- **Plan for a resilient, sustainable and affordable City**
- **Prepare for the risks and opportunities from regional projects such as Transmission Gully**
- **Retain Porirua as a great family friendly City**

How we live and grow

Issues

- Where do we grow
- Housing affordability
- Development and building standards



10,000
people



5,500
homes



Examples of housing types



Standalone – low density



Semi-Detached – low/medium density



Terraced – medium density



Standalone

Detached infill

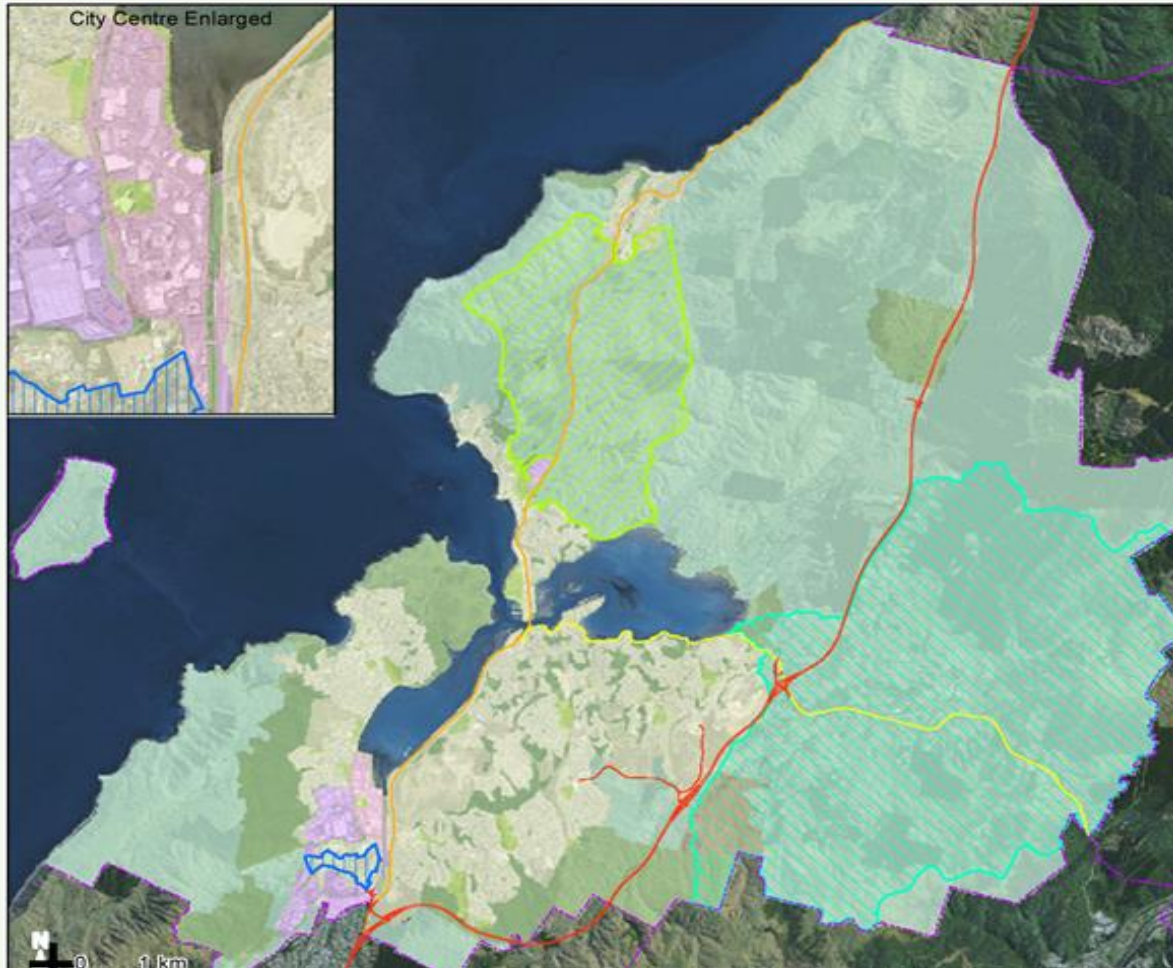
Semi-detached

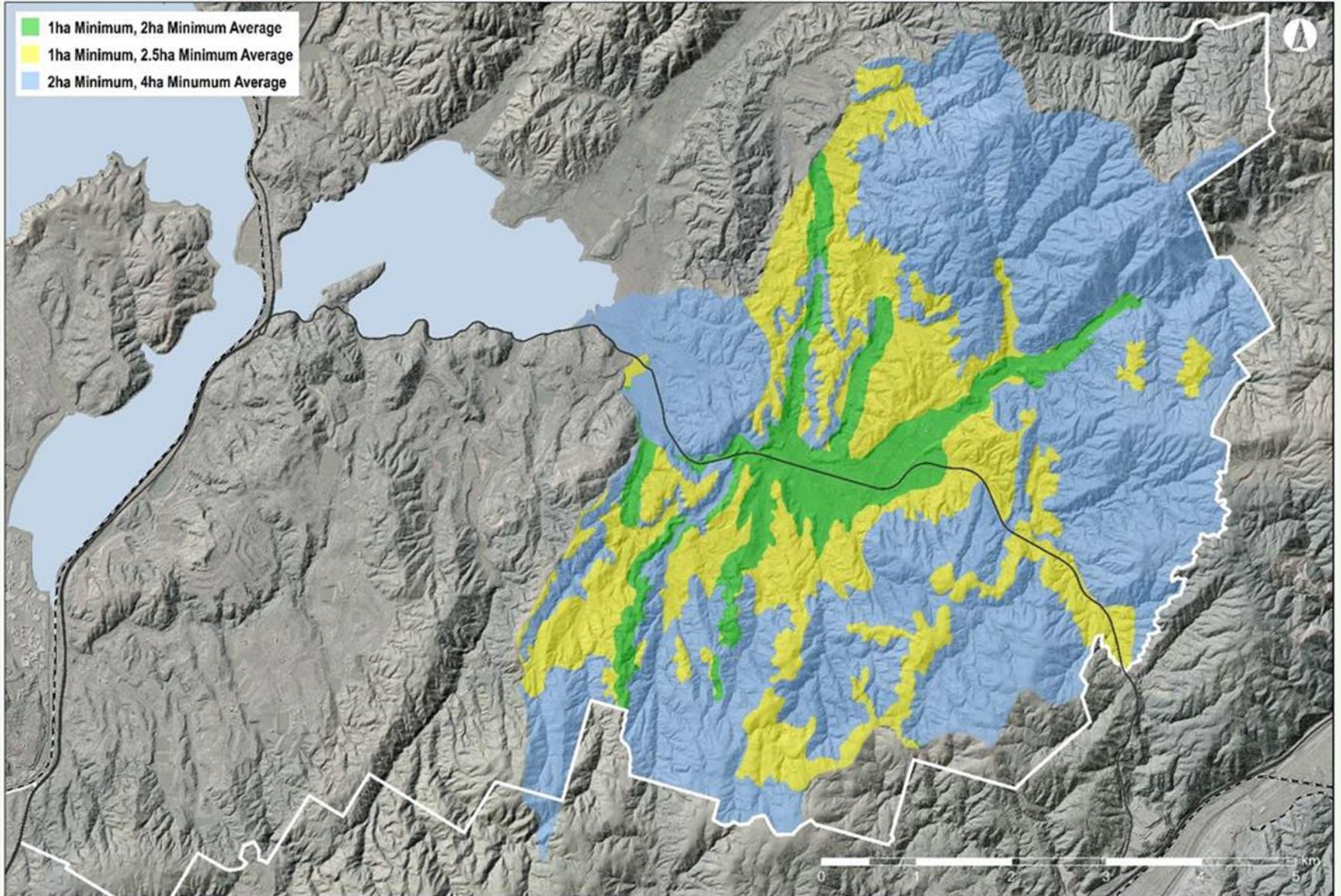
Terrace

Apartment



Current future growth locations





How we live and grow

Outcomes and options

- A City where most people can afford a home
- Quality infill housing
- Rural lifestyle blocks
- Retaining neighbourhood character

How we live and grow

**What matters to you
about how we live and
grow?**

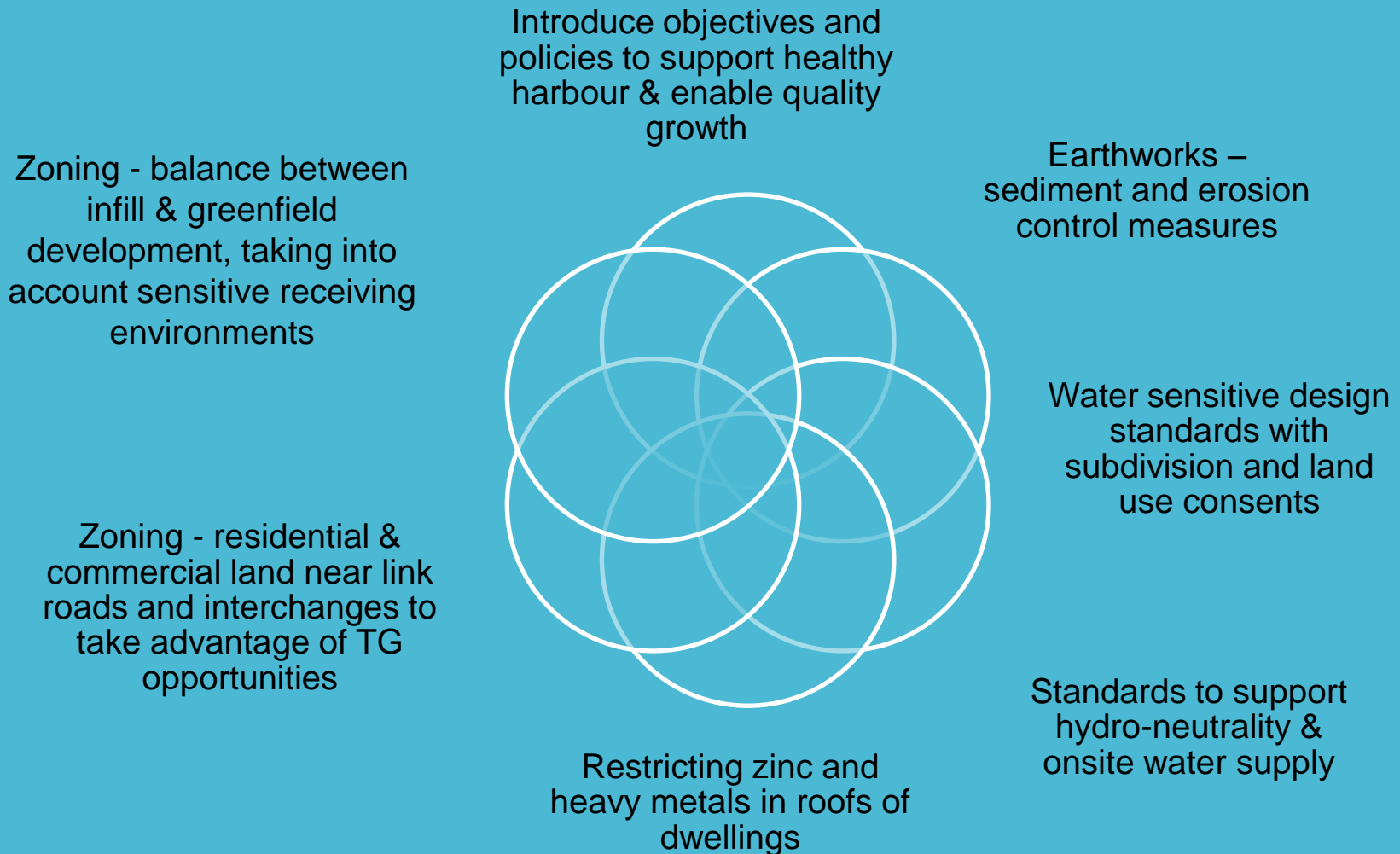
How we look after our environment

Issues

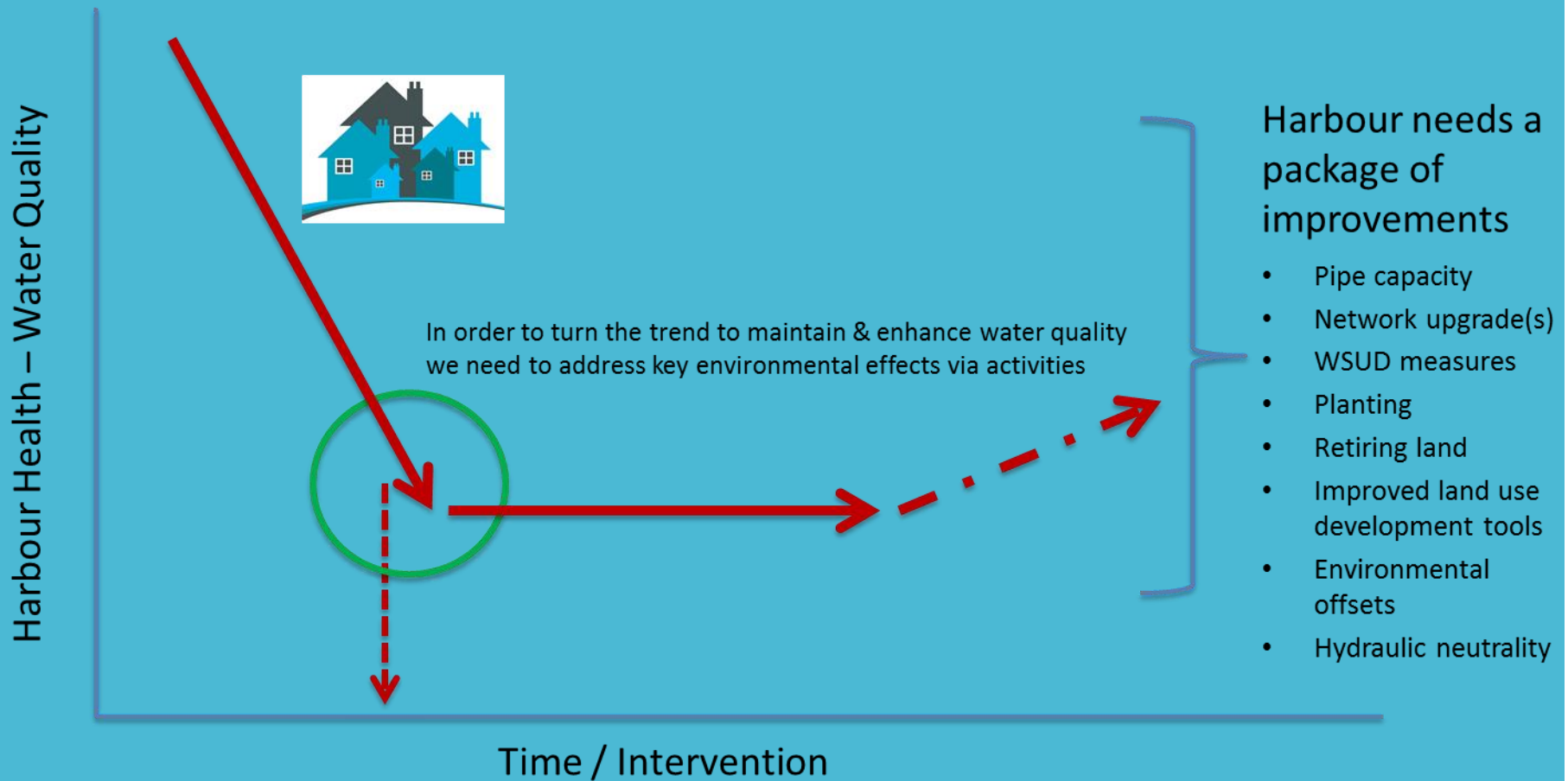
- Poorly managed development harms the harbour
- Identify and protect our significant areas of native bush due to extensive loss over time
- Identify and protect our significant landscapes



District Plan – what can it influence?



Existing dynamic



STORMWATER NEUTRALITY : Using Water Sensitive Urban Design



TRADITIONAL APPROACH

1 Development with lots of *impervious* surfaces - does not allow water to pass through.



2 In a rainfall event where there is a lot of impermeable surface, the water travels quickly from the hills and into the stormwater system. This is because the water cannot infiltrate into the ground.



3 This results in high volumes of water entering the stormwater system which means that big pipes are needed.

4 Because water travels quickly, it also builds up quicker. Development with lots of impervious surfaces and no Water Sensitive Urban Design strategy puts pressure on the system. This has an impact on existing development downstream.



WATER SENSITIVE URBAN DESIGN APPROACH

1 Development with lots of *pervious* surfaces - allows water to pass through.



2 In a rainfall event where there is a lot of permeable surface, water can soak into the ground which helps reduce the amount that flows into the stormwater system.



3 Raingardens capture some of the water and acts as a storage area.

3 Stormwater ponds can retain larger amounts of water than raingardens.

3 Rainfall tanks which collect water for re-use on private homes can also be used to store water, helping to reduce the amount of water entering the stormwater system.

4 With water able to filter into the ground and be retained with various management techniques as illustrated above, the overall amount of water entering the stormwater system can be managed.

5 Peak flows from the stormwater system can be controlled with the above WSUD approaches so that there is no net increase with development, and no impact on existing development downstream. This is stormwater neutrality.

There is a link to infrastructure

Wellington Water Priorities

- Flooding
- Resilience
- Waterway health
- Catering for growth

PCC Infrastructure Strategy

- Wastewater Treatment Plant
- Capacity of main WW trunk line
- Renewals
- Resilience
- NGA Modelling
- Cost / rate balance

Transportation

- Transmission Gully
- Revocation Process



How we look after our environment

Outcomes and options

- Improved earthworks standards
- Stormwater neutrality and water sensitive urban design
- Identify and protect significant native bush and landscapes
- Environmental enhancements through subdivision process

**How we look after our
environment**

**What matters to you
about how we look
after the environment?**

How we move

Issues

- **Transmission Gully**
- **Balanced transport network**
- **Connected communities**

Transmission Gully & proposed revocation



How we move

Outcomes and options

- Potential zone changes
- Encourage development of alternative transport networks
- Encourage structure planning
- Have regard for future road networks in subdivision
- Proposed revocation State Highways
- New technologies – electric vehicles
- Revise parking requirements in some places

How we move

**What matters to you
about how we move?**



How we do business

Issues

- Enable increased business and employment opportunities
- Character & use of village and suburban centres
- A lot of space underperforming

How we do business

Outcomes and options

- Improve connectivity, increase foot traffic, review minimum parking standards
- Target business development to the city centres
- Introduce urban design guides and encourage active street edges
- Enable further investment and development around village and suburban centres
- Identify future areas for business and industries

How we do business

**What matters to you
about how we do
business?**



How we reduce natural hazard impacts

Issues

- **Porirua is subject to many natural hazards including:**
 - Flooding
 - Earthquakes
 - Liquefaction
 - Tsunami
 - Landslips
 - Sea level rise
- **Not very resilient at present**

How we reduce natural hazard impacts

Outcomes and options

- Understand the risk of each natural hazard well
- Plan for city growth while managing risks posed by natural hazards
- Coastal hazards

How we reduce natural hazard impacts

What matters to you about how we reduce natural hazard impact?

How we play

Issues

- Our communities are disconnected from the harbour
- Uninviting public spaces in some parts of the city such as the city centre
- Provide good access to quality parks and waterways for the wide range of recreational and community activities

How we play

Outcomes and options

- **The coast: focus on maintaining public access and enhancing where possible**
- **Waterways: esplanade strips/reserves at subdivision**
- **Ensure parks and connections to them are included in all large-scale developments**
- **Principles for buildings and development next to the harbour – ensure they face/enhance the harbour**

How we play

**What matters to you
about how we play?**

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Next Steps

- **Summarise feedback & distribute**
- **Establish “go deep” groups on hot topics**
- **Draft provision writing**
- **Draft Plan out for feedback in October 2018**

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www.porirua.govt.nz/makeyourmark

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