

Regenerating te Puhinui: Approach and Outcomes that Give Effect to Te Mana o Te Wai

Stormwater 2023 - Te Roopu Wai Āwhātanga

Rev B | May 2023



Presentation by



RESILIOSTUDIO



Ngaa tohu o Taamaki Makaurau



Te Mānuka and Te Mānukanuka o Hoturua



Puhinui Catchment and Stream Alignment



Who's involved? A Collaborative and Multi-Agency Governance Approach

DEGREES OF PARTICIPATION

Increasing participation



Inform

Provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.



Involve

Work directly with the public throughout the process to ensure that public concerns and aspirations are consistently understood and considered



Consult

Obtain public feedback on analysis, alternatives and/or decisions



Collaborate

Partner in each aspect of the process including the development of alternatives and the identification of the preferred solutions.

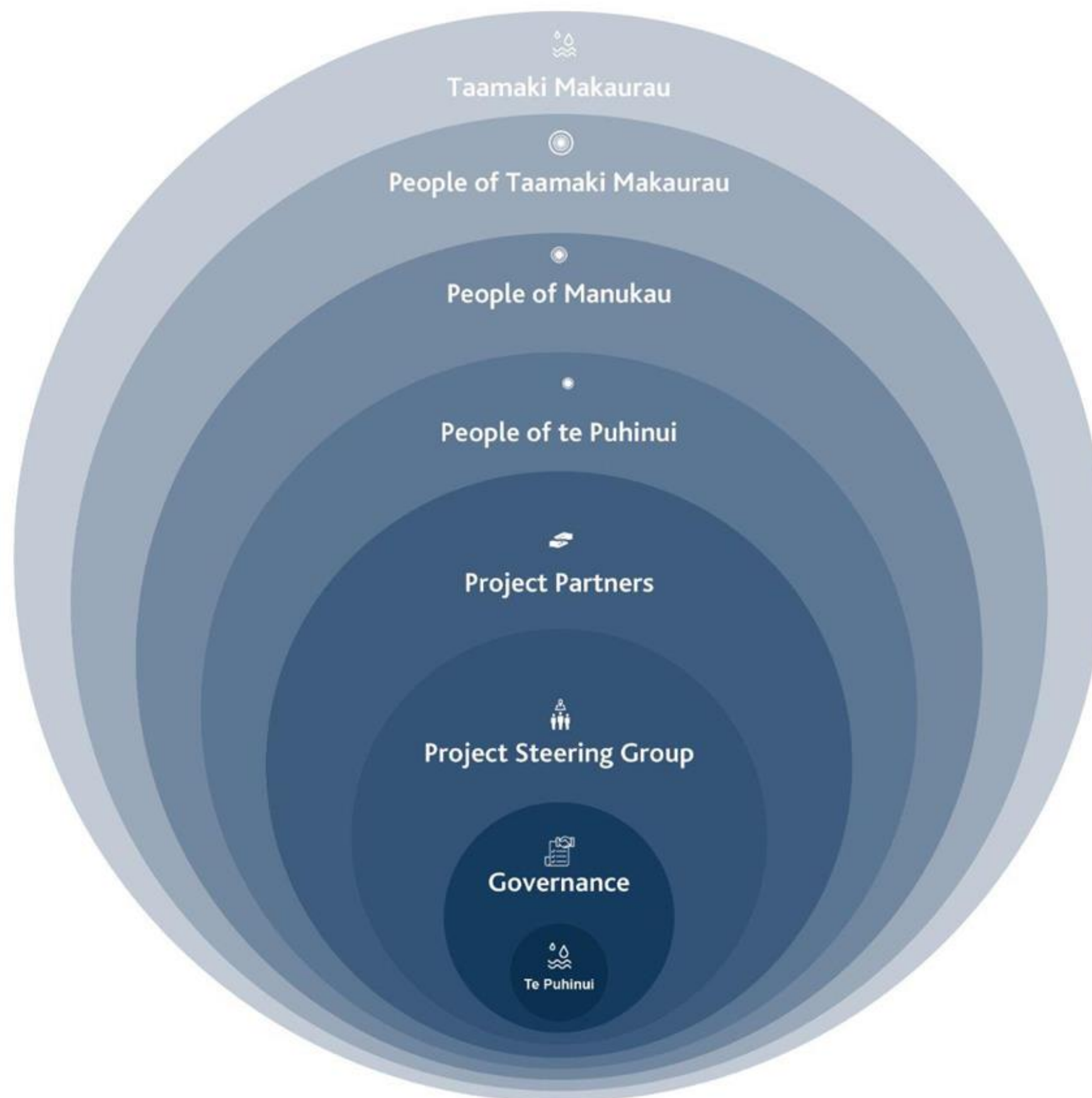


Empower

Final decision making in the hands of this group

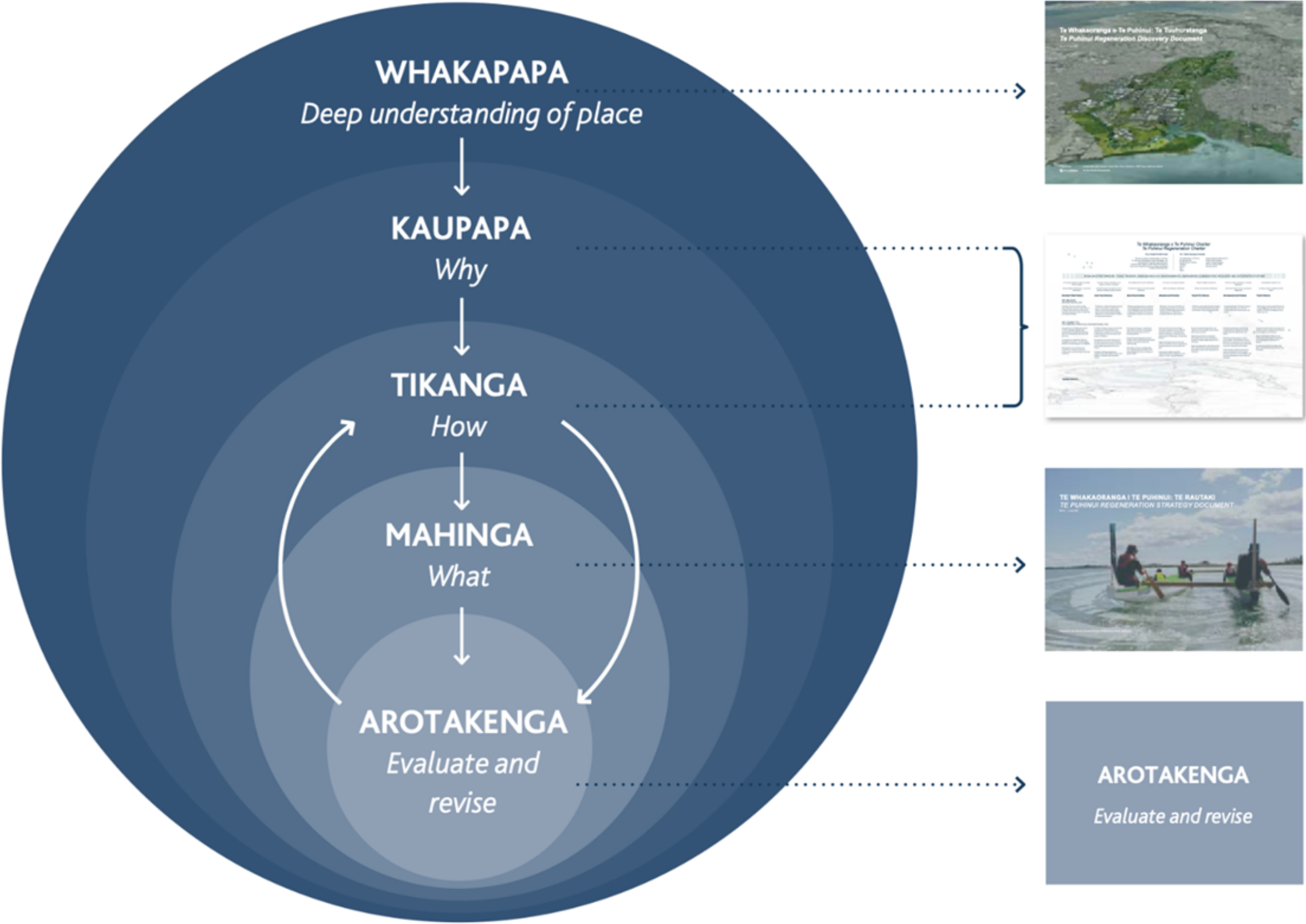


Decreasing participation



Project Methodology – Whakapapa Centered Wellbeing

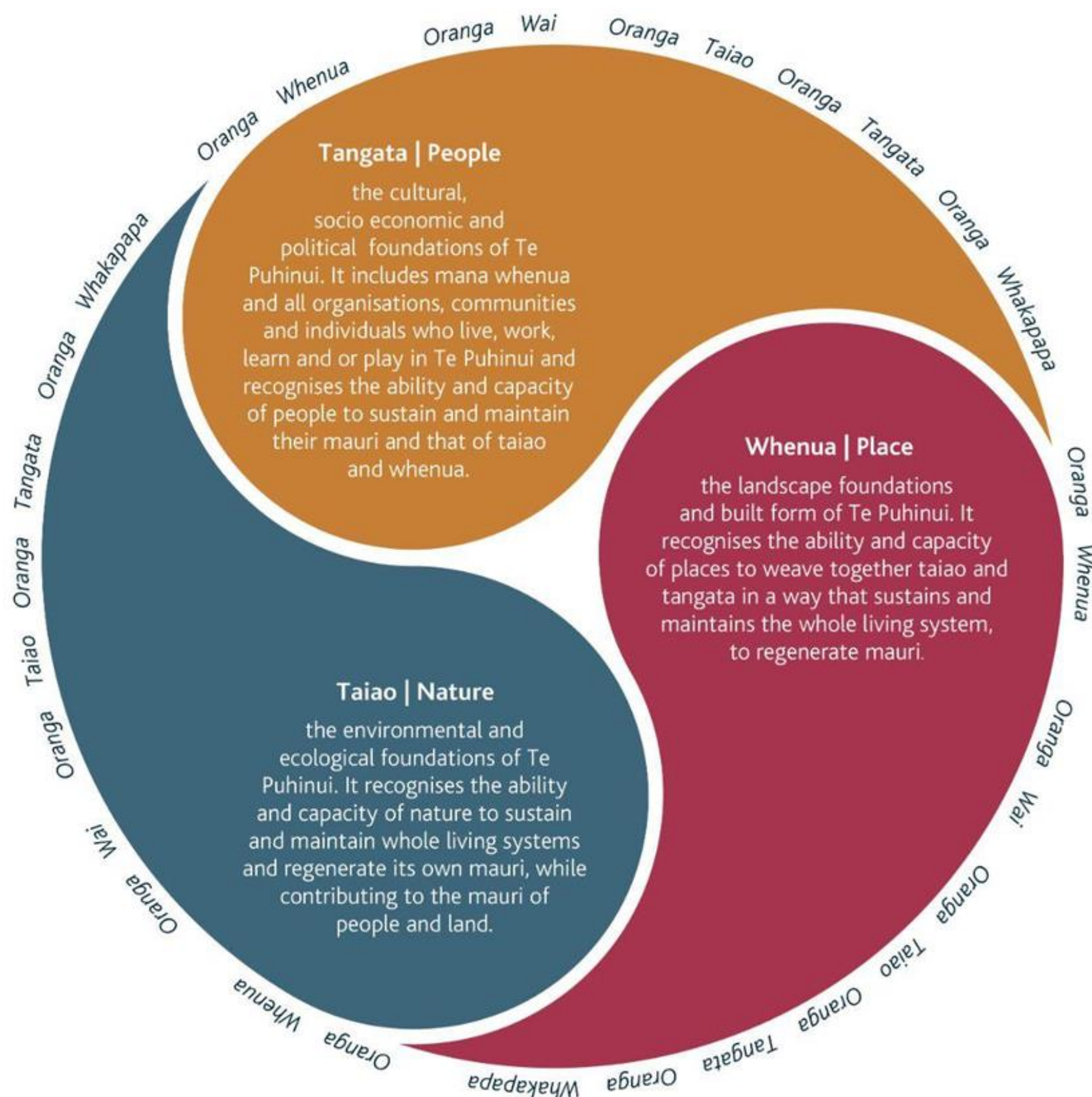
Te Puhinui Regeneration Strategy was developed utilizing a living system and whakapapa¹ centred wellbeing approach to design that integrates western ecological and regenerative development concepts and indigenous tikanga (protocols), frameworks and narratives.



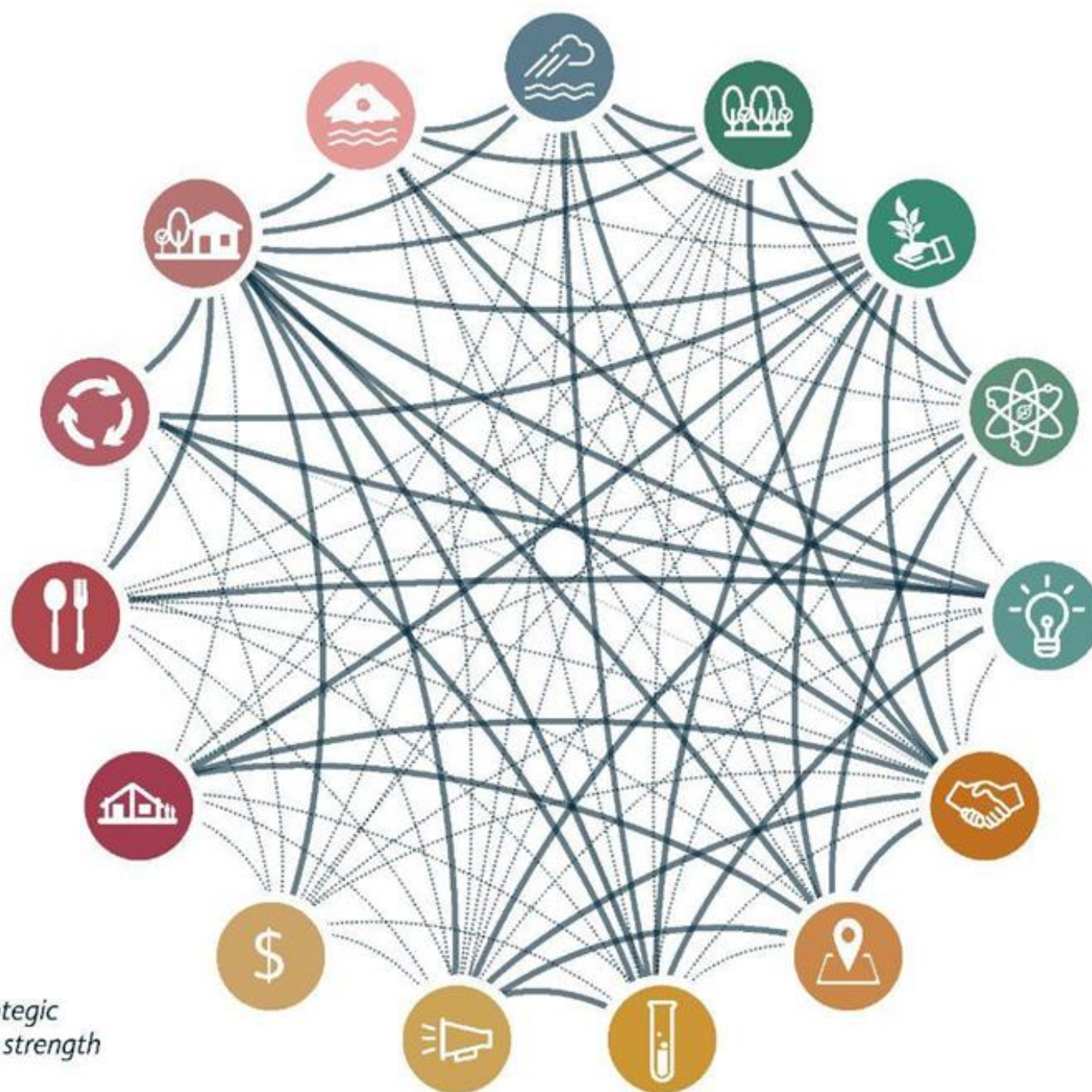
Te Ora oo Te Puhinui - The Wellbeing of Te Puhinui - Whakapapa Centered Approach

Te Whai Oranga (Wellbeing) is the core outcome sought by Te Puhinui Regeneration Strategy. The strategy recognises that the wellbeing of Te Puhinui is multidimensional and involves the weaving of multiple inter-related threads together.

Ngaa Aho are the three lashings of Taiao (Nature), Tangata (People) and Whenua (Place) that bind and weave Te Puhinui Regeneration Strategy together.



Ngaa Aho | 3 Lashings - 15 Rautaki | Strategies



The diagram maps the connections between strategic initiatives. The thickness of the line identifies the strength of the relation.

Strategic initiatives

-  **Taiao | Nature**
-  Te Wai o Te Puhinui | Waters of Te Puhinui
-  Te Ngahere o Te Puhinui | Te Puhinui Urban Forest
-  Te Kaitiakitanga me te Tiakitanga o Te Puhinui | Te Puhinui Stewardship
-  Te Maaramatanga o Te Puhinui | Te Puhinui Innate Wisdom
-  Te Puungao o Te Puhinui | Te Puhinui Energy Strategy
-  **Tangata | People**
-  Te Mana Whakahaere o Te Puhinui | Te Puhinui Governance
-  Te Puhinui Identity
-  Te Puhinui Living Lab
-  Te Puhinui Activation, Communication + Engagement Campaign
-  Te Puhinui Economic Development
-  **Whenua | Place**
-  Ngaa Tohu o Te Puhinui | Symbols of Te Puhinui
-  Te Puhinui Food Sovereignty
-  Te Para Kore i Te Puhinui | Te Puhinui Zero Waste Systems
-  Restructuring Te Puhinui's Built Environment
-  Ngaa Ara aa Te Puhinui | Te Puhinui Pathways

Ngaa Pae Oranga oo Te Puhinui

The Puhinui Regeneration Strategy is guided by the stars - Ngaa Pae Oranga describes the state changes and shifting ground of Te Puhinui as it moves towards its potential.

Te Pae Rangi | *Beyond the Horizon*

Navigational Stars:
Tirohanga/vision
Puutake/purpose
Kaupapa/source document
Te Puhinui regeneration charter



Te Pae Tawhito | *Past States*

Pre-human occupation > First people > Colonisation

Mauri Tuu
Mauri Ora
Health + Prosperity

Te Pae Waatuu | *Present State*

Mauri Noho
Mauri Mate
Stagnation + Degradation

Te Pae Tata | *Near Horizon*

Te Whakaoranga o Te Puhinui
Te Puhinui regeneration

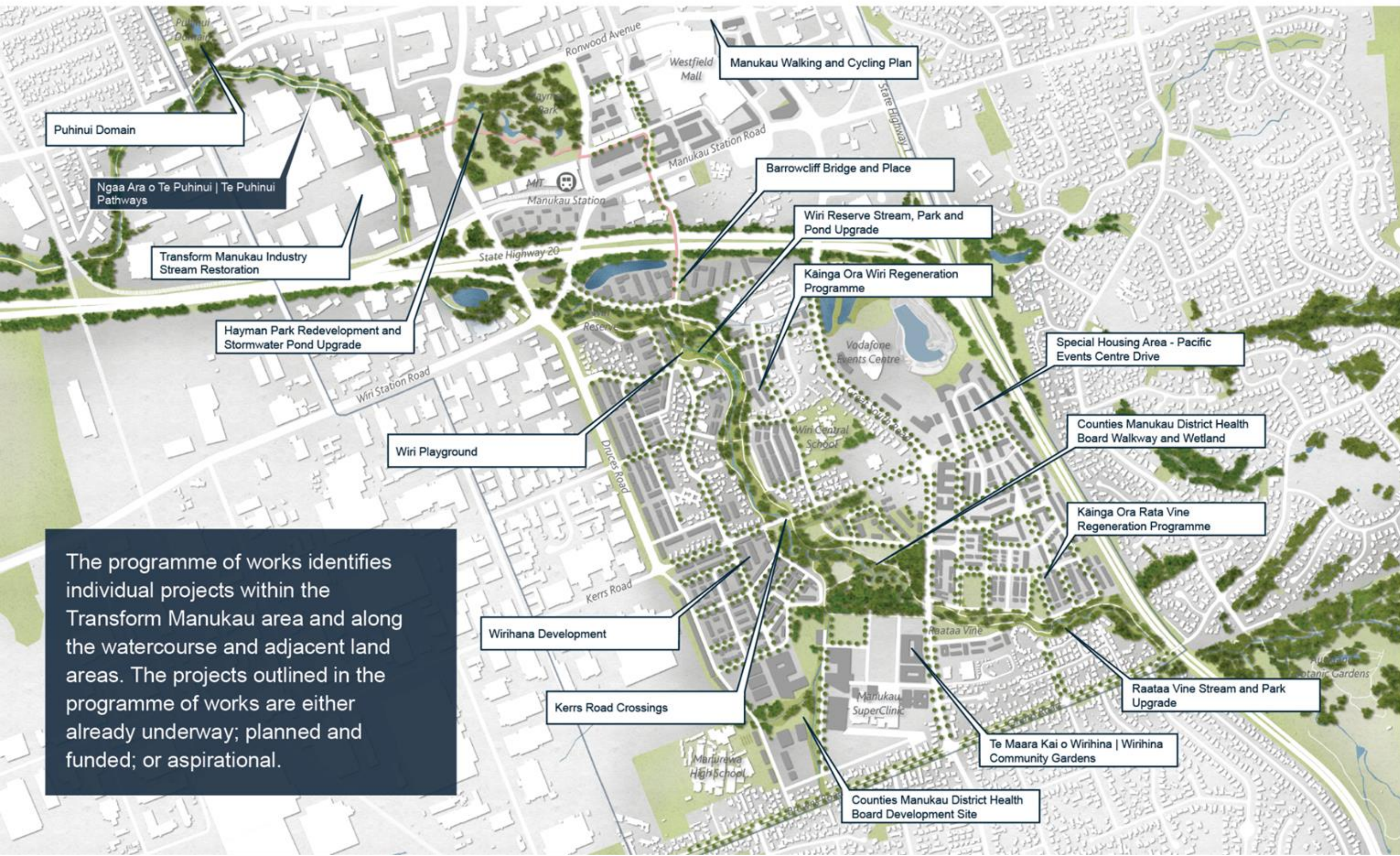
Te Pae Tawhiti | *Distant Horizon*

Mauri Tuu
Mauri Ora
Health + Prosperity

Developing and Signing Te Puhinui Charter



Programme of works plan Transform Manukau



The programme of works identifies individual projects within the Transform Manukau area and along the watercourse and adjacent land areas. The projects outlined in the programme of works are either already underway; planned and funded; or aspirational.

Te Puhinui Stormwater Catchment Strategy

Te Puhinui Stormwater Catchment Strategy

Enhancing the Puhinui Stream corridor, creating a source of community pride, activity, movement and interaction.

Ki Uta Ki Tai

Ecology and Stream Hydrology

Water Quality

Stormwater Infrastructure Assets

Flooding

TE WHAKAORANGA O TE PUHINUI CHARTER: RANGATIRATANGA - KAITIAKITANGA - MAATAURANGA - MANAAKITANGA - TAURITETANGA - WHANAUNGATANGA - TIAKITANGA

Ki Uta Ki Tai

Issues (Kaupapa)

Historic development has resulted in significant negative effects to the catchment and the downstream receiving environment. Alternative approach is required that does not follow the 'status quo', addresses the issues of the past and seeks to enhance the social, cultural, economic and environmental outcomes in the catchment, creating a 'Future Ready' community.

Guidance (Tika)

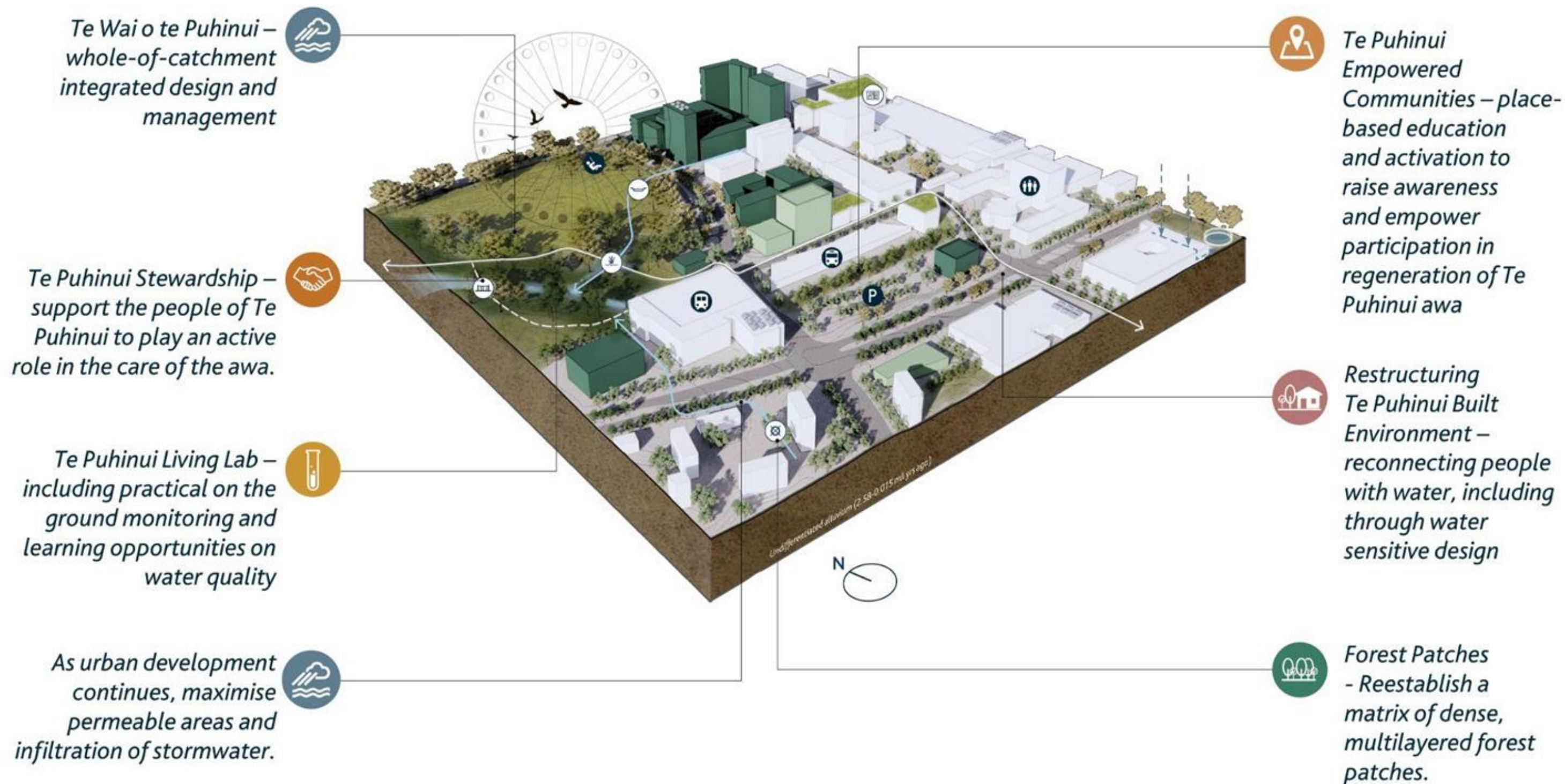
Interventions and Initiatives (Mahi)

Strategic Alignment (Rautaki)

Measuring Success (Mehua Putanga)

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Earthstar Geographics | LINZ, Stats NZ, Esri, HERE, Garmin, Foursquare, METI/NASA, Waffle Downs

Te Wai o Te Puhinui - Waters of Te Puhinui - Stormwater Strategic Initiatives



Manukau Industrial Area - Artist Impression



- 1 Protect and enhance Puhinui Stream to improve bank stability and habitat.
- 2 Protect and enhance riparian corridor to restore the ecological function of the stream.

- 3 Identify and restore overland flow paths throughout Te Puhinui.
- 4 Re-establish a matrix of dense, multi-layered forest patches large enough to support a range of habitats for native wildlife.

- 5 Reinvigorate, celebrate, and apply Te Waiohua lunar cycles.
- 6 Acknowledge, record and celebrate the stories of place of mataawaka, Pasifika, Paakehaa, and tau iwi communities

- 7 Establish a physical and digital hub dedicated to deepening our collective understanding of Te Puhinui.
- 8 Develop a strategy for public arts, taonga and culture design integration for Te Puhinui.

- 9 Orientate development towards and connect to the Waters of Te Puhinui
- 10 Re-imagine and establish streets as places for people of all ages and abilities.

- 11 Develop a wayfinding and signage strategy for people moving through Te Puhinui.
- 12 Create a shared walkway along Puhinui Stream from maunga/ mountains to moana/sea.