

MAURI ORA HOUSING DEVELOPMENT WELLBEING COMPASS

TRANSITIONS TOWARDS:
RENEWABLE ZERO-CARBON ENERGY
REGENERATIVE ECOLOGICAL SYSTEMS
CIRCULAR ECO-ECONOMIES
COMMUNITY WELLBEING

WHAKA-ORA: HOLISTIC WELLBEING ACTIONS

KĀINGA-ORA: REGENERATIVE LIVING BUILDINGS & NEIGHBOURHOODS

- Local zero-carbon energy generation & storage, home &/or neighbourhood systems
- Living net zero or carbon-storing buildings with low embodied carbon materials
- Mana whenua & wai: local living green & blue building systems [living roofs, rain gardens, composting toilets, rain water storage, grey & black water treatment]
- Energy efficiency
- Quality building envelopes & indoor moisture control
- Papakāinga, multi-generational living & co-housing
- Compact development
- Biophilic design
- Māra kai & rongoā, food commons, urban orchards
- Cultural landscape markers & signage
- Development protections [unique ecological sites, flood zones, or Class 1 & 2 agricultural soils]

WHENUA-ORA | WAI-ORA: GREEN & BLUE ECOSYSTEMS

- Mana whenua, mana wai - enhancing the agency of land and waters, cultural landscape restoration
- Ngahere, greens & community infrastructure [hāngi pits, barbecues]
- Ecological regeneration - whenua & wai [plants, microorganisms, insects, animal species]
- Carbon-sink infrastructures [carbon storage in living soil/plant system, wetlands]
- Māra kai & rongoā, food commons [gardens & orchards]
- Blue-green infrastructure [cool infrastructure [shade & trees, green roofs & walls; mist systems, public drinking fountains & pools]; 'sponge' infrastructure [rain gardens, permeable pavers, swales, wetlands]]
- Regenerative agriculture

PANEKE-ORA: ACTIVE & ZERO-CARBON MOBILITY

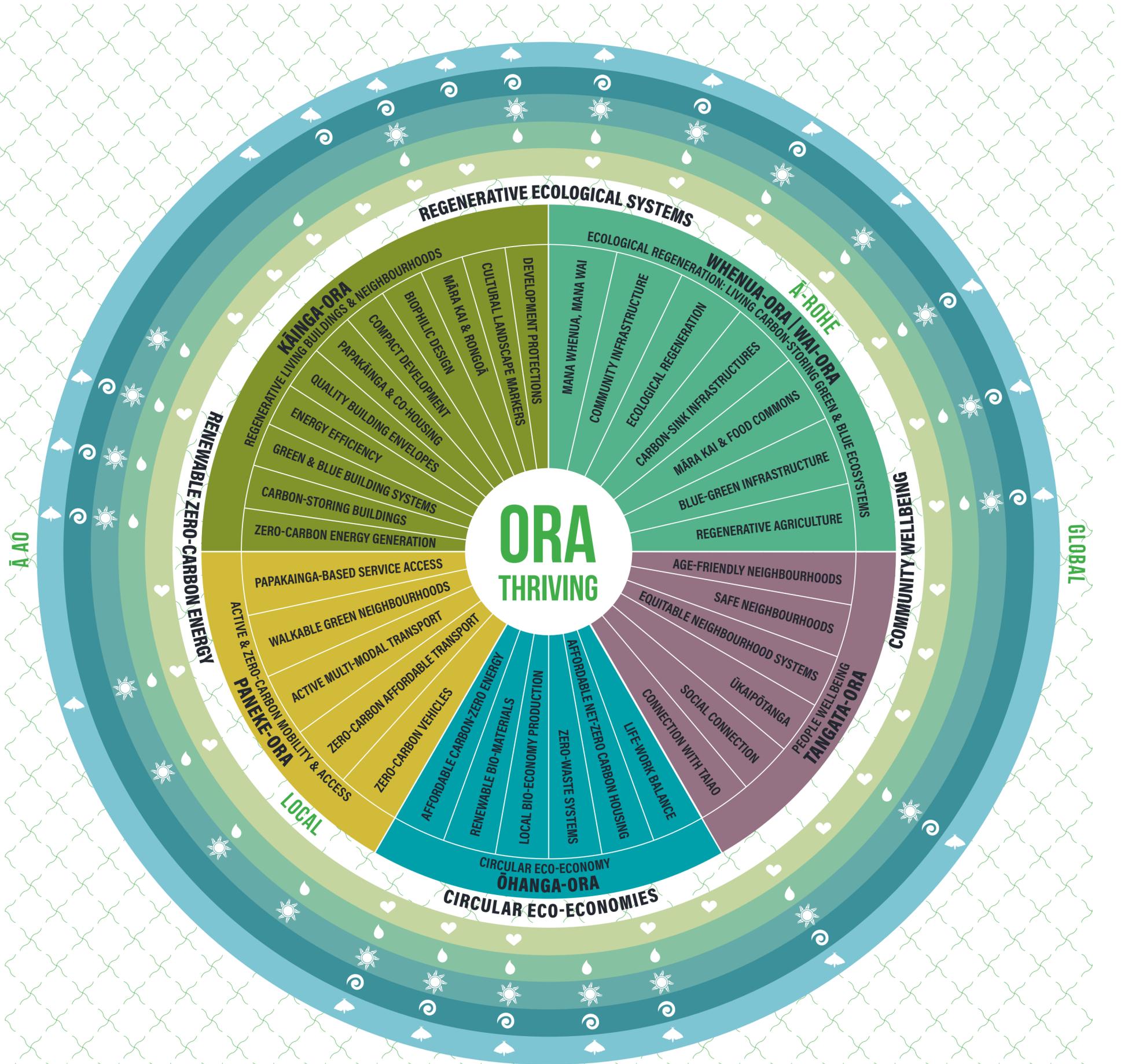
- Access to some papakāinga-based services
- Walkable, green neighbourhoods
- Active multi-modal transport
- Zero-carbon affordable public transport
- Zero-carbon vehicles

ŌHANGA-ORA: CIRCULAR BIO-ECONOMY

- Affordable zero-carbon energy
- Renewable bio-materials, low-toxin & low-carbon materials
- Local bio-economy production
- Zero-waste systems [cradle-to-cradle design, design for disassembly, composting, upcycling, recycling]
- Affordable: net zero-carbon regenerative housing, energy, water, food
- Living wage & life-work balance [whānau-friendly workplaces]

TANGATA-ORA: PEOPLE WELLBEING

- Biophilia & connection with taiao
- Social connection [papakāinga, marae, libraries, community gardens]
- Ūkaipōtanga - culture & cultural landscape connection
- Accessible, equitable neighbourhood systems: health, education, justice
- Neighbourhoods designed for safety
- Child-centred & age-friendly neighbourhoods



MAURI, WHAKAPAPA, WHANAUNGATANGA, MANAAKITANGA

MAURI-ORA: PLANETARY WELLBEING

PAPA-ORA | ECO-DIVERSITY
Ecological diversity is the life-support system of this living planet. Living ecosystems have intrinsic value as ancestral cultural landscapes. Our homes, papakāinga and neighbourhoods can contribute to regenerating eco-diversity through green roofs, urban ngahere, local wetlands, and shared green spaces.

MATA-ORA | ECO-INTEGRITY
We can choose to develop and use materials and systems that are non-toxic, biodegradable and whakapapa to and regenerate local ecosystems. Our homes, papakāinga and neighbourhoods can be healthier for whenua, wai and whānau if we transition to ecologically regenerative circular bio-economies.

RANGI-ORA | BALANCED TEMPERATURE
Our homes, papakāinga and neighbourhoods can help to reduce current raised global temperature and CO2 levels in our atmosphere. Using renewable energy, changing the way we move through our neighbourhoods, and increasing the amount of 'local carbon sinks' such as urban ngahere in the places where we live can help support rangi-ora.

WAI-ORA | BALANCED WATER CYCLE
Recognising te mauri o te wai we can design regenerative living ecosystems into our neighbourhoods to help store carbon and manage climate disruption: sponge city strategies can manage floodwaters and store rainwater for later use; cool city approaches can lessen drought effects, and wetlands can store carbon and are sites of ecological diversity.

HAPORI-ORA | COMMUNITY WELLBEING
Designing our houses, papakāinga and neighbourhoods for community and ecological connection helps to address climate change, eco-diversity imperatives as well as core human needs - ā-waiwai, ā-tinana, ā-ahurea hoki. Emphasising housing and neighbourhood models with communal spaces and outdoor areas like community gardens, ngahere, papa tākaro and walkways can support hapori-ora.