



Eastern Bay – Beyond Today Implementation Plan





Eastern Bay - Beyond Today Implementation Plan

A Development Plan and Key Opportunities for the Eastern Bay

Prepared for the Eastern Bay community by:



Supporting the Eastern Bay and the Bay of Plenty region



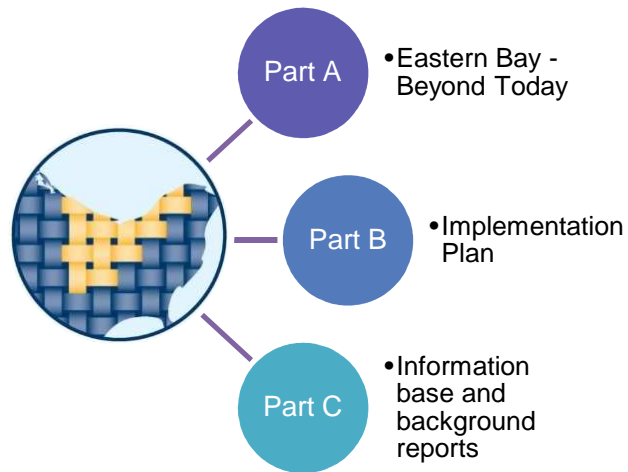
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Introduction

Eastern Bay – Beyond Today is a development plan for the Eastern Bay area.

There are three parts to the development plan. Part A, Eastern Bay – Beyond Today contains the strategy. Part B, the Implementation Plan (this document) contains the Key Opportunities to achieve the outcomes in the strategy. Part C is the information base and background reports that inform the strategy and implementation plan.



The Implementation Plan is based around the Key Opportunities from Eastern Bay – Beyond Today. The key questions that the Implementation Plan seeks to answer are:

- What have we got?
 - What is already happening or has been planned in the Eastern Bay?
- What are the gaps?
 - Where do we need to collaborate in the future?
- Where do we need to put the emphasis?
 - What are our priorities for the next 5 years (2016-2021)?

Collaboration actions – what we are moving towards - are based around these guides:

- Collaboration is crucial – we all need to work together to achieve great things for the Eastern Bay.
- We need to understand and respond to key trends and influences (such as ageing population and climate change).
- Where do we need to do something to ‘make things hum’ and optimise outcomes.
- Solutions need to be practical, appropriate to the scale of the issue, and affordable for people and communities in the Eastern Bay.
- What we do needs to be based on a robust evidence base to inform good decisions.

Priorities for 2016-2021

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| Connecting the Eastern Bay | <ul style="list-style-type: none">• Collaborative transport group to achieve resilient, safe and affordable transport infrastructure, and integrate road and rail transport. |
| Growing a high value economy | <ul style="list-style-type: none">• Opotiki Harbour development project.• Implement actions in the Toi Moana Bay of Plenty Economic Action Plan relevant to the Eastern Bay. |
| Education for living and working in the Eastern Bay | <ul style="list-style-type: none">• Implement the Tertiary Intentions Strategy.• Pathways to work for industries across the Eastern Bay. |
| Clean energy powering our future | <ul style="list-style-type: none">• Geothermal System Management Plan for the Kawerau system.• Electricity reliability for the Eastern Bay.• Alternative sources of energy (solar and biofuels). |
| Caring for our communities and environment | <ul style="list-style-type: none">• Managing for planned growth.• Understand impact of aging population.• Understand the impacts of climate change and flooding on the Eastern Bay.• Freshwater Futures project in Rangitaiki River Catchment. |

Achieving our Key Opportunities

Collaboration across the Key Opportunities

| Collaborative group | Actions | Key partners |
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| <p>Eastern Bay of Plenty Joint Committee (EBOP JC)</p> | <p>Collaborate between the partner councils to:</p> <ul style="list-style-type: none"> ▪ Respond to and manage a range of Eastern Bay of Plenty issues. Significant matters from Eastern Bay – Beyond Today: <ul style="list-style-type: none"> ○ Collaboration around Key Opportunities. ○ Having good information to make good decisions. ○ Integrated thinking across economy, people and culture, environment and infrastructure. ○ Innovation and adaption of a changing world. ○ Planning for healthy, thriving, sustainable communities. ▪ Form, explore and make recommendations for strategic collaboration initiatives between the partner councils. <p>Develop and approve credible future scenarios for Eastern Bay based on:</p> <ul style="list-style-type: none"> ▪ Climate change implications. ▪ Changing demographics (including long-term population projections). ▪ Economic projections (and associated land use change, freight and traffic movements). ▪ Natural hazards. ▪ Impacts on communities. | <p>Kawerau District Council, Ōpōtiki District Council, Whakatāne District Council, Bay of Plenty Regional Council.</p> <p>Other parties involved in collaboration:</p> <ul style="list-style-type: none"> ▪ BOPLASS (shared services company owned by nine councils in the Bay of Plenty area). ▪ Rotorua Lakes Council. ▪ Western Bay of Plenty District Council. ▪ Tauranga City Council. ▪ SmartGrowth. ▪ Gisborne District Council. ▪ Upper North Island Strategic Alliance (UNISA) ▪ Civil Defence Emergency Management (CDEM) Group. ▪ Lifelines Group. ▪ Bay of Plenty District Health Board (BOPDHB). ▪ Central government agencies. ▪ Funding organisations, including Bay Trust, Eastern Bay Energy Trust. ▪ Regional tourism organisations. |

| Collaborative group | Actions | Key partners |
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| | <p>Use the future scenarios to:</p> <ul style="list-style-type: none"> ▪ Assess long-term rating revenue. ▪ Understand affordability of infrastructure in the Eastern Bay context. This means good quality infrastructure at affordable, efficient and sustainable levels that accounts for the matters in the future scenarios. ▪ Identify priority long-term infrastructure investments by councils that account for climate change and natural hazard risk. ▪ Develop a high level assessment of 30 year land use-change. <p>Recognise Eastern Bay's role in the Bay of Plenty and New Zealand when considering strategic collaboration initiatives:</p> <ul style="list-style-type: none"> ▪ Producer of primary products and associated value-added products. ▪ Industrial use of geothermal resources. ▪ Natural environment. ▪ Outdoors lifestyle and recreational opportunities – land, rivers, coast and marine. <p>Collaborate across the Bay of Plenty, with neighbouring districts and regions, and across the upper North Island.</p> <p>Develop a region-wide and/or multi-region approach to alternative treatment and disposal options for solid waste.</p> <p>Develop local approaches (including use of technology) to increasing public participation in local government and community processes.</p> <p>Use integrated thinking to manage for planned growth. This is to understand connections across economic, social and cultural, environmental and infrastructure themes, and address issues. Examples include:</p> <ul style="list-style-type: none"> ▪ Accommodation availability and affordability in employment locations (including future growth areas). | |

| Collaborative group | Actions | Key partners |
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| | <ul style="list-style-type: none"> ▪ Transportation between residential and employment areas, including cost and timing of services. ▪ Childcare services and costs relative to employment opportunities. ▪ Implications of economic growth on infrastructure and communities. ▪ Barriers to further education or training, and subsequent employment. <p>Refresh and update Eastern Bay – Beyond Today every 3-5 years to:</p> <ul style="list-style-type: none"> ▪ Account for changes to science, technology, economy, communities and the environment. ▪ Include new data and information. ▪ Update priority actions. | |
| <p>Collaboration initiatives with iwi and hapu</p> | <p>Build on existing collaboration around:</p> <ul style="list-style-type: none"> ▪ Kaitiakitanga. ▪ Economic development (including Maori land utilisation). ▪ Environmental management (including Rangitaiki River Forum and Ohiwa Harbour Forum). ▪ Whanau and community health and well-being. ▪ Housing. ▪ Engaging with communities to build resilience. <p>Also refer to iwi/hapu involvement in collaboration actions under each of the Key Opportunities.</p> | <p>Iwi and hapū.</p> <p>Other parties to involve in collaboration:</p> <ul style="list-style-type: none"> ▪ Kawerau District Council. ▪ Opotiki District Council. ▪ Whakatane District Council. ▪ Bay of Plenty Regional Council. ▪ Civil Defence Emergency Management (CDEM) Group. ▪ Bay of Plenty District Health Board (BOPDHB). ▪ Central government agencies. ▪ Funding organisations, including Bay Trust, Eastern Bay Energy Trust. |

Connecting the Eastern Bay

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| <p>Our visions are:</p> | <ul style="list-style-type: none"> ▪ We have resilient, healthy and diverse communities with good quality of life, and have good connectivity and access to services. ▪ Safe, secure and efficiently integrated road, rail, air and sea land linkages support communities and the economy. ▪ We have affordable, good quality infrastructure that supports healthy communities, and a growing economy. |
| <p>Key Opportunities sought through Connecting the Eastern Bay</p> | <ul style="list-style-type: none"> ▪ Transport connections within Eastern Bay, and to Tauranga (Port of Tauranga), Rotorua, and the upper North Island. Road networks between communities, and to high value rural production areas and tourism opportunities. ▪ Efficient rail/road transport to move freight from the Eastern Bay to the Port of Tauranga. ▪ Broadband access to our communities to provide services, and link our businesses to the region, New Zealand and the world. |

| Aiming to: | | |
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| What is already happening or has been planned in the Eastern Bay? | Who | Timing |
| <p>Maintenance and upgrading of state highways:</p> <ul style="list-style-type: none"> ▪ Strengthening four bridges on the State Highway 2 High Productivity Motor Vehicle (HPMV) route between Taneatua and Opotiki. ▪ Re-decking Pekatahi Bridge. ▪ Maintaining existing HPMV routes on State Highway 30, 34 and 2 between Kawerau, Rotorua and Tauranga. | New Zealand Transport Agency (NZTA) | <p>Bridge strengthening - 2017</p> <p>Pekatahi Bridge - 2017</p> <p>Maintenance - Ongoing</p> |
| Plan public road access to the Opotiki Harbour development. | NZTA, Opotiki District Council | 2016 - investigation stage |
| Sustainable roading and improvement project on rainforest route to Waikaremoana. | Ngai Tuhoe, NZTA, Whakatane District Council | 2016 – investigation stage |

| Aiming to: | | |
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| What is already happening or has been planned in the Eastern Bay? | Who | Timing |
| <p>Bay of Plenty Regional Land Transport Plan to set out the direction for the regional transport system over the next 30 years, including priorities and activities the region will work towards.</p> <p>https://www.boprc.govt.nz/media/433923/bay-of-plenty-regional-land-transport-plan-2015-2045-final-pdf.pdf</p> | Bay of Plenty Regional Transport Committee | Current strategy 2015-2045 Reviewed every 3 years |
| <p>Public transport in the Eastern Bay. Current connections:</p> <ul style="list-style-type: none"> ▪ Potaka – Opotiki. ▪ Ruatahuna – Murupara – Rotorua. ▪ Opotiki – Ohope – Whakatane – Kawerau – Matata – Tauranga. | Bay of Plenty Regional Council | Ongoing |
| <p>Regional Public Transport Plan that provides a public transport network that:</p> <ul style="list-style-type: none"> ▪ Is responsive to population needs (e.g. is on routes between residential, training and employment areas where public transport would be beneficial). ▪ Allows people to access to services (e.g. is on routes and at times appropriate for rural communities). ▪ Allows people to age in place. <p>https://www.boprc.govt.nz/media/321894/3666-bay-of-plenty-regional-public-transport-plan-2013-web-only-.pdf</p> | Bay of Plenty Regional Transport Committee | Current plan – 2013 Reviewed every 3 years |
| <p>Road safety initiatives:</p> <ul style="list-style-type: none"> ▪ Eastern Bay Road Safety Programme to reduce Eastern Bay road fatalities. ▪ Safety Eastern Bay pilot project in Opotiki to change driver behavior. <p>http://www.whakatane.govt.nz/sites/www.whakatane.govt.nz/files/documents/about-council/council-initiatives/road_safety_strategy_2015-18.pdf</p> | Eastern Bay Road Safety Committee, NZTA | Current programme 2015-2018 |
| Road maintenance in the Eastern Bay. | Kawerau District Council, Opotiki District Council, Whakatane District Council | Ongoing |

| Aiming to: | | |
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| What is already happening or has been planned in the Eastern Bay? | Who | Timing |
| <p>Establish a road/rail container terminal (inland port) at Kawerau to increase freight transport efficiencies between the Eastern Bay and the Port of Tauranga. The project includes:</p> <ul style="list-style-type: none"> ▪ Extend rail links to optimise transport to, from and within Kawerau. ▪ Rooding within Kawerau to link to the rail extension. ▪ Increasing the volume of goods transported by rail and reducing the volume of heavy road transport. | Kawerau Industrial Symbiosis (ISK) | 2016 - investigation stage |
| <p>Bay of Plenty Freight Logistics Strategy to maximise the opportunities from this sector around Kawerau.</p> <p>http://www.bayofconnections.com/sector-strategies/freight-logistics/</p> | Bay of Connections | Current |
| <p>Extend RBI (Rural Broadband Initiative) UFB (Ultra Fast Broadband) to improve connectivity. Opotiki District Council and Whakatane District Council have carried out work to identify priority areas.</p> | Fibre providers with central government funding | Current |
| <p>Investigation of digital radio network to improve resilience in communication network for civil defence emergency management purposes.</p> | <p>BOPLASS (shared services company owned by nine councils in the Bay of Plenty area)</p> <p>Civil Defence Emergency Management (CDEM) Group</p> | Current |
| <p>Funding for Whakatane District and Kawerau decile 1 schools to get digital access.</p> | Te Aka Toitu Trust | Current |

Moving towards:

| Collaboration to achieve our Key Opportunities | Actions | Key partners |
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| <p>Transport collaboration (road/rail/air)</p> | <p>Collaborate to optimise economic and social outcomes using available funding, and have resilient, safe and affordable transport infrastructure and public transport in the Eastern Bay.</p> <p>Understand and respond to the transportation needs in relation to an ageing population, education opportunities, social cohesion, and the Eastern Bay economy.</p> <p>Coordinate transport service providers (including trusts, volunteer organisations, public transport, and services contracted to District Health Boards) to provide transport options for people to access health care services and attend appointments.</p> <p>Understand implications of sea level rise and coastal erosion from climate change on road and rail transport connections.</p> <p>Extend High Productivity Motor Vehicle (HPMV) routes on State Highway 35 from Opotiki to Te Kaha, and State Highway 2 from Opotiki to Gisborne.</p> <p>Improve tourist amenities on road corridors.</p> <p>Improve connections between State Highways and tourism areas, and major production and industry areas.</p> <p>Improve route security and roading:</p> <ul style="list-style-type: none"> ▪ From Rotorua to Kawerau and Whakatane. ▪ From the eastern end of the Tauranga Eastern Link (TEL) to Kawerau and Whakatane. ▪ State Highway 2 Gisborne to Opotiki (particularly for freight movement from Gisborne). ▪ State Highway 35 Opotiki to Cape Runaway. <p>Provide safe transport connections (including public transport) between Eastern Bay communities, residential areas and employment hubs.</p> | <p>Kawerau District Council</p> <p>Ōpōtiki District Council</p> <p>Whakatāne District Council</p> <p>New Zealand Transport Agency (NZTA)</p> <p>Bay of Plenty Regional Council</p> <p>Other parties to involve in collaboration:</p> <ul style="list-style-type: none"> ▪ Kiwirail ▪ Lifelines Group ▪ Air service providers ▪ Bay of Plenty District Health Board (BOPDHB), Lakes District Health Board ▪ Transport service providers |

Moving towards:

Collaboration to achieve our Key Opportunities

Actions

Key partners

- Protect existing roading corridors to provide for state highway improvements over time.
- Safeguard the rail network between Kawerau and the Port of Tauranga.
- Integrate road and rail transport networks for freight transport.
- Integrate other modes of transport into the transportation network, including new forms of transport, new technology and new infrastructure and fuel/resource requirements (e.g. re-fuelling stations for electric and hydrogen-powered vehicles, mobile internet access).
- Provide efficient, linked and affordable air services in the Eastern Bay.
- Future aspirations to consider:
 - Second road bridge into Whakatane township.
 - Improve transport connections to the south of the Eastern Bay, including connections to State Highway 5 Napier-Taupo.
 - Electrify the rail network between Kawerau and the Port of Tauranga using electricity generated in Kawerau.

Moving towards:

| Collaboration to achieve our Key Opportunities | Actions | Key partners |
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| Broadband collaboration | Connect Eastern Bay businesses, homes, schools and community hubs to RBI (Rural Broadband Initiative) UFB (Ultra Fast Broadband) fibre networks and wifi. | Telecommunications and internet providers, fibre/connection companies. Central government, Crown Fibre Holdings NZ. Other parties to involve in collaboration: <ul style="list-style-type: none">▪ BOPLASS (shared services company owned by 9 councils in the Bay of Plenty area).▪ Lifelines Group.▪ Technology companies.▪ Kawerau District Council.▪ Opotiki District Council.▪ Whakatane District Council.▪ Bay of Plenty Regional Council. |

Growing a high value economy

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| <p>Our visions are:</p> | <ul style="list-style-type: none"> ▪ We have a thriving and diverse marine economy and aquaculture industry. ▪ We have outstanding visitor experiences based around our marine and land environments, and our culture. ▪ We have an innovative and high value economy based around biotechnology, high value rural products and processing. ▪ We sustainably manage our land, water, geothermal and air resources to support a healthy environment and diverse rural production. |
| <p>Key Opportunities sought through Connecting the Eastern Bay</p> | <ul style="list-style-type: none"> ▪ Aquaculture - marine farms and associated processing, research and development. ▪ High value horticulture - kiwifruit, berry fruit, mānuka. ▪ High tech developments (including biotechnology and clean energy) to process our rural crops, wood and wood-fibre into high value products. ▪ Specialist manufacturing (including aluminium boat building). ▪ Innovative and diverse rural production. ▪ Tourism based on environmental and cultural experiences, local events, recreation, and industrial/commercial sector visits. ▪ Irrigation schemes for high-value horticulture and agriculture, resilient water supply. ▪ Water bottling. |

| Aiming to: | | |
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| What is already happening or has been planned in the Eastern Bay? | Who | Timing |
| <p>Opotiki Harbour Development project and associated work streams:</p> <ul style="list-style-type: none"> ▪ Harbour entrance. ▪ Wharf extension and land. ▪ Marine farm. ▪ Pathway to work. ▪ Additional harbour uses. <p>http://www.odc.govt.nz/harbour-project/</p> | <p>Ōpōtiki District Council Central Government Bay of Plenty Regional Council</p> | <p>Design - current Construction – From 2017</p> |
| <p>Actions in the Toi Moana Bay of Plenty Economic Action Plan relating to:</p> <p>Aquaculture:</p> <ul style="list-style-type: none"> ▪ Aquaculture - marine and land-based aquaculture (including fin fish, shellfish, seaweed). ▪ Opotiki Harbour Development project (refer to detail below). <p>Horticulture:</p> <ul style="list-style-type: none"> ▪ Maori land utilisation for kiwifruit production. ▪ ME programme for for kiwifruit training in secondary schools. ▪ Omaio water supply and irrigation project. <p>Manuka honey:</p> <ul style="list-style-type: none"> ▪ Establish a manuka working group and strategy. Map land use capability including current manuka resources and potential areas for expansion. Maori Manuka Conference , Whakatane, August 2016. <p>Agri-business:</p> <ul style="list-style-type: none"> ▪ Establish an Agri-business Furtures working group. | <p>Various – refer to Toi Moana Bay of Plenty Economic Action Plan for information</p> | <p>Current</p> |

Aiming to:

What is already happening or has been planned in the Eastern Bay?

Who

Timing

Forestry:

- Afforestation meetings with landowners in target afforestation areas.
- Initiatives to extend the timber usage opportunities in New Zealand (including in non-residential construction and medium-density housing).
- Kawerau Container Terminal

Visitor Economy:

- Development of sub-regional visitor strategies that are owned at a local level to provide clarity to direction and priority of focus.

Irrigation and water supply:

- Rangitaiki irrigation.
- Raukokore community water supply.
- Omaio water supply and irrigation scheme.

Water:

- Research report on water bottling opportunities.
- Understand water data requirements for the sustainable management of water and the economy grows and develop a water data strategy.
- Set water quantity limits through the Freshwater Futures programme.
- Assess water storage feasibility in the Upper Rangitaiki (for flood mitigation and irrigation opportunities).

Maori land utilisation:

- Kiwifruit and dairying cluster groups.
- Support participation of Maori in economic development opportunities.
- Greater collaboration in other economic action plans.

<http://www.bayofconnections.com/downloads/2015-Action-Plan-summary.pdf>

| Aiming to: | | |
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| What is already happening or has been planned in the Eastern Bay? | Who | Timing |
| <p>Maori Economic Development Strategy He Mauri Ohooho, including relationships that support Maori economic development.</p> <p>http://www.bayofconnections.com/sector-strategies/he-mauri-ohooho--mori-economic-development/</p> | <p>Toi-EDA (Economic Development Agency)</p> <p>Te Mauri Ohooho</p> | Current |
| <p>Bay of Connections Aquaculture Strategy in the Eastern Bay, including investigation of new marine farm sites.</p> <p>http://www.bayofconnections.com/sector-strategies/aquaculture/</p> | Bay Connections | Current |
| <p>Eastern Bay Cycle Trail Strategy to investigate and develop cycle trails, particularly:</p> <ul style="list-style-type: none"> ▪ Links to Motu Trails. ▪ Links to Te Ara Ahi and other cycle trails in Rotorua (including Kawerau to Rotorua). ▪ A trail between Coastlands and Matata. ▪ A trail between Matata and Kawerau. <p>http://www.whakatane.govt.nz/sites/www.whakatane.govt.nz/files/documents/documents-section/council-plans/council-strategies/ebop-cycle-strategy-web.pdf</p> | <p>Kawerau District Council</p> <p>Opotiki District Council</p> <p>Whakatane District Council</p> <p>Landowners</p> <p>New Zealand Transport Agency (NZTA) - modal separation of cyclists from vehicle traffic)</p> <p>Bay of Plenty Regional Council (BOPRC) - possible use of stopbanks</p> | Current |
| <p>Industrial Symbiosis Kawerau to reduce waste, create efficiencies and create opportunities.</p> <p>http://embracechange.co.nz/</p> | Industrial Symbiosis Kawerau (ISK) | Ongoing |
| <p>Seamless Boundaries programme to fill a labour shortage in Te Aroha and help unemployed people from Kawerau into jobs to increase economic and social outcomes in the neighbouring regions.</p> | Kawerau District Council with Matamata-Piako District Council | Current |
| <p>Eastern Bay business economic development strategies and networks.</p> | Various | Current |

| Aiming to: | | |
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| What is already happening or has been planned in the Eastern Bay? | Who | Timing |
| Iwi/hapu economic development plans, and Maori Trust economic development plans. | Iwi and hapu Maori Trusts | Ongoing |
| Protect prime agricultural and horticultural land from urban development through planning mechanisms. | Kawerau District Council Opotiki District Council Whakatane District Council | Ongoing |
| Research and development of horticultural and agricultural processing, programmes for improving management and productivity, and efficiently using water and other resources. | Horticulture and agriculture research and industry organisations | Ongoing |
| Improve marine access and berthage for Whakatane and Ohiwa harbours. | Opotiki District Council Whakatane District Council | Current |
| Whakatane harbour wharf replacement, repair and strengthening. | Whakatane District Council | Current |

Moving towards:

| Collaboration to achieve our Key Opportunities | Actions | Key partners |
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| <p>Economic development collaboration</p> | <p>Optimise economic development by building on successful implementation of current economic development actions (particularly those in Toi Moana Action Plan), and Key Opportunities.</p> <p>Develop a Triple A economy around:</p> <ul style="list-style-type: none"> ▪ Agriculture. ▪ Apiculture. ▪ Aquaculture. <p>Extend Pathways to Work approach to other key industry sectors in the Eastern Bay.</p> <p>Develop research and development opportunities associated with aquaculture (including processing and servicing industries, and education).</p> <p>Work closely with Tourism Bay of Plenty to raise the profile of and understand the need for tourism product consistent with the values and aspirations of the Eastern Bay.</p> <p>Develop tourism opportunities around:</p> <ul style="list-style-type: none"> ▪ The Eastern Bay environment – marine, forests, horseback riding. ▪ Authentic cultural experiences, including creative industries around arts, crafts and Maori cultural tourism, Maori healing practices. | <p>Industry and business sectors</p> <p>Entrepreneurs</p> <p>Economic development agencies</p> <p>Iwi and hapu</p> <p>Tourism Whakatane</p> <p>Bay of Connections</p> <p>Other parties to involve in collaboration:</p> <ul style="list-style-type: none"> ▪ Ngai Tuhoe (Te Urewera) ▪ Ngati Manawa (Whirinaki Forest Park) ▪ Department of Conservation ▪ Tourism organisations |

Moving towards:

Collaboration to achieve our Key Opportunities

Actions

Key partners

Develop environmentally sustainable options for the use of:

- Te Urewera.
- Whirinaki Forest Park.
- Ruakumara Conservation Park.
- Department of Conservation reserves.

Such uses may include, eco-tourism and authentic cultural tourism, honey production, and mountain bike trails.

Investigate opportunities to encourage land use diversification (including high value horticulture crops, alternative forestry species, and alternative crops or farmed animals) to increase productivity, improve resilience to economic and environmental changes, and reduce adverse effects on the environment.

Develop biotechnology, nutraceuticals and high-tech processing based around:

- Aquaculture.
- Apiculture.
- Horticulture.
- Agriculture.
- Forestry/wood.

Develop and maintain research and innovation capability and capacity for local industry sectors in the Eastern Bay.

Education for living and working in the Eastern Bay

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| <p>Our visions are:</p> | <ul style="list-style-type: none"> ▪ We have the education, training and work skills for living and working in the Eastern Bay. ▪ Our children and youth pursue excellence in all there is to do. |
| <p>Key Opportunities sought through Connecting the Eastern Bay</p> | <ul style="list-style-type: none"> ▪ People have higher skills for the future world, and skills for Eastern Bay jobs. ▪ Engaging youth in our communities, education opportunities and labour force. |

| Aiming to: | | |
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| What is already happening or has been planned in the Eastern Bay? | Who | Timing |
| <p>Bay of Plenty Tertiary Intentions Strategy advocates the provision of relevant education and training in the Eastern Bay that delivers skills that employers need, particularly relating to:</p> <ul style="list-style-type: none"> ▪ Aquaculture and associated science, maintenance, management, processing. ▪ Kiwifruit and horticulture, including management and associated processing. ▪ Dairying. ▪ Forestry and wood processing. ▪ Tourism – environmental, cultural and cycling. ▪ Aged care and gerontology. ▪ Energy, including geothermal. ▪ Specialised manufacturing. ▪ Industries and services that service the sectors above. | <p>Tertiary Intentions Leadership Group</p> | <p>Ongoing</p> |

Aiming to:

| What is already happening or has been planned in the Eastern Bay? | Who | Timing |
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| <p>The Strategy also advocates:</p> <ul style="list-style-type: none">▪ Engaging young Maori.▪ Increasing Maori engagement and participation in tertiary education.▪ Improving links between secondary schools, tertiary education and employers to achieve work-ready skills.▪ Pre-employment, engagement and second-change learning opportunities.▪ A tertiary precinct around Te Whare Wanaga o Awanuiarangi in Whakatane. <p>http://www.bayofconnections.com/sector-strategies/tertiary-intentions-strategy/</p> | | |
| <p>Pathways to Work industries across the Eastern Bay (a catalyst for the Opotiki Harbour development project).</p> | <p>Various non-government organisations (NGOs)</p> | <p>Current</p> |
| <p>Gateway programmes, trades academies and other programmes to transition youth from school to employment.</p> | <p>Secondary schools in Eastern Bay</p> | <p>Ongoing</p> |
| <p>Communities of schools (primary to secondary) to assist transition of students through the school system and improve performance.</p> | <p>Ministry of Education, schools in the Eastern Bay</p> | <p>Ongoing</p> |
| <p>Mayor's Taskforce initiatives.</p> | <p>Kawerau District Council Opotiki District Council Whakatane District Council</p> | <p>Ongoing</p> |

Aiming to:

| What is already happening or has been planned in the Eastern Bay? | Who | Timing |
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| <p>Social and workforce programmes, including:</p> <ul style="list-style-type: none"> ▪ Social sector trials. ▪ Sector Workforce Engagement Programme (SWEP), to support businesses to invest and grow through better ways of accessing reliable, appropriately skilled staff at the right time and place. Through a series of business-led, government supported engagement, it seeks to develop solutions that improve skills supply and job matching. | <p>Ministry of Social Development</p> <p>Te Whiri Kawai Partnership (a partnership of local health, education and social service providers)</p> <p>Ministry of Business, Innovation and Employment (MBIE)</p> <p>Other central government agencies</p> | <p>Current</p> |
| <p>Kawerau work experience, training and apprenticeships programme.</p> <p>Also involvement of Tarawera High School in providing opportunities for writing CV, and preparing for job interviews.</p> | <p>Industrial Symbiosis Kawerau (ISK)</p> | <p>Current</p> |
| <p>Location-based kiwifruit industry courses provided.</p> | <p>Bay of Plenty Polytechnic</p> | <p>Current</p> |
| <p>Employment and support programmes (including work, living and education skills) to reduce re-offending rates.</p> | <p>Department of Corrections</p> | <p>Current</p> |
| <p>Youth Councils</p> | <p>Kawerau District Council</p> <p>Whakatane District Council</p> | <p>Current</p> |

Moving towards:

Collaboration to achieve our Key Opportunities

Actions

Key partners

Education collaboration

Collaborate to ensure people have education, training and work skills for living and working in the Eastern Bay.

Whanau understand the need for education, literacy and numeracy, and a career (vs a low skilled job). Engage whanau through expos at Marae, and other collective methods.

Extend the ME programme for kiwifruit training to schools in the Eastern Bay (this is a pilot project in Katikati college in 2017, which could be rolled out in other schools from 2018).

Ensure public facilities and schools are multi-purpose with space to accommodate evening classes.

Extend implementation of the Tertiary Intentions Strategy to:

- Emphasise health and social care training needs in the Eastern Bay.
- Encourage young Maori and Maori adults to consider health and social care training and education.

Provide skills for emerging industries, such as Manuka.

Align education and social service funding to achieve what is best for people (including providing for seasonal work).

Provide 'learning for life' education and training (including re-training) opportunities in the Eastern Bay that delivers good skills so all people have the ability to contribute to the community and support themselves. Specifically:

People have:

- Good improve basic skills (numeracy and literacy).
- Increasing skill levels.

Ministry of Education

Central government education and social sector agencies

Tertiary Intentions Leadership Group

Other parties to involve in collaboration:

- Industry sector representatives, including: NZKGI, Kiwifruit industry
- Bay of Plenty District Health Board (BOPDHB)
- Economic development agencies
- Kawerau District Council
- Opotiki District Council
- Whakatane District Council

Moving towards:

| Collaboration to achieve our Key Opportunities | Actions | Key partners |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| | <ul style="list-style-type: none"> ▪ Trade, science and technical skills that are practical-based and relevant to the Eastern Bay. ▪ Adaptable/transferable skills for changing employment and technology over people’s lifetimes. ▪ Life skills (home maintenance, budgeting, drivers licence). Provide this at secondary schools. ▪ People and relationship skills. <p>Opportunities are provided in the Eastern Bay:</p> <ul style="list-style-type: none"> ▪ Opportunities are provided closer to where people live. ▪ Specialist subjects are provided through alternative means, including remote learning via the internet. ▪ The cost and accessibility of education and training courses, particularly adult courses, is improved. ▪ There are good links between secondary schools and industry to ensure specialist work skills for available jobs. ▪ Apprenticeship schemes, including with small businesses. ▪ Foundation courses for work and education readiness are provided. <p>Education and training:</p> <ul style="list-style-type: none"> ▪ Is learner-centric. ▪ Includes cultural values, and understanding whakapapa. ▪ Includes youth engagement initiatives. | |

Moving towards:

Collaboration to achieve our Key Opportunities

Actions

Key partners

Future proof education and training through strategic planning in relation to:

- The future work (industry sectors, type of work).
- The changing nature of work (skills required).
- Considering opportunities for people who are unable to retrain when their job no longer exists.
- Applying a 'citizen of the world' approach to career advice.

Understanding and addressing perverse outcomes resulting from differences in study and unemployment benefits.

Clean energy powering our future

| | |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Our visions are: | <ul style="list-style-type: none"> ▪ We sustainably manage our land, water, geothermal and air resources to support a healthy environment and diverse rural production. ▪ We have affordable, good quality infrastructure that supports healthy communities, and a growing economy. |
| Key Opportunities sought through Connecting the Eastern Bay | <ul style="list-style-type: none"> ▪ Developing solar energy to make use of our high sunshine hours. ▪ Developing geothermal resources for energy and processing at Kawerau. ▪ Energy self-sufficiency for the Eastern Bay. |

| Aiming to: | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------|
| What is already happening or has been planned in the Eastern Bay? | Who | Timing |
| Use of clean energy for manufacturing (e.g. use of geothermal energy at Kawerau for process heat and electricity generation). http://embracechange.co.nz/cleaner-industry/cleaner-industry | Businesses and industries Geothermal electricity generators Industrial Symbiosis Kawerau (ISK) | Ongoing |
| Bay of Plenty Energy Strategy to maximise opportunities for geothermal power generation around Kawerau, solar power, and biofuel production. http://www.bayofconnections.com/sector-strategies/energy/ | Bay of Connections Industrial Symbiosis Kawerau (ISK) | Ongoing |
| Actions in the Toi Moana Bay of Plenty Economic Action Plan relating to Geothermal: <ul style="list-style-type: none"> ▪ Geothermal energy research. ▪ Information sharing, communication and co-ordination. ▪ Workshop on geothermal energy opportunities targeted for Maori trusts, landowners and businesses with geothermal assets. http://www.bayofconnections.com/downloads/2015-Action-Plan-summary.pdf | Various - refer to Toi Moana Bay of Plenty Economic Action Plan for information. | Current |

Aiming to:

What is already happening or has been planned in the Eastern Bay?

Who

Timing

Geothermal System Management Plan to achieve the efficient and sustainable management of the Kawerau system.

Bay of Plenty Regional Council

Draft document developed in 2016, and publicly notified as part of a regional plan change process in 2018

Availability and use of electric and hybrid cars

Consumers,
Car manufacturers

Ongoing – increasing over time

Moving towards:

| Collaboration to achieve our Key Opportunities | Actions | Key partners |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clean energy and energy supply collaboration | <p>Improve reliability of electricity supply across the Eastern Bay to:</p> <ul style="list-style-type: none">▪ Provide security for existing manufacturing, processing and cool storage facilities.▪ Account for future industrial and commercial growth. <p>Investigate secure electricity supplies for rural communities, including energy self-sufficiency options.</p> <p>Future aspirations to consider:</p> <ul style="list-style-type: none">▪ A renewable energy innovation centre or hub in the Eastern Bay, focusing on solar energy.▪ Develop strong links to geothermal energy initiatives in Rotorua.▪ Clean energy opportunities to achieve energy self-sufficiency for the Eastern Bay, focusing on:<ul style="list-style-type: none">○ Solar.○ Micro-hydro generation.○ Biofuels.○ Geothermal. | <p>Electricity generators, suppliers and transmission companies</p> <p>Other parties to involve in collaboration:</p> <ul style="list-style-type: none">▪ Scion▪ Bay of Plenty Regional Council▪ Bay of Connections▪ Lifelines Group▪ Solar power industry▪ Biofuel industry▪ Geothermal industry |

Caring for our communities and environment

| | |
|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Our visions are:</p> | <ul style="list-style-type: none"> ▪ We live in safe, healthy, eco-friendly homes and neighbourhoods that can adapt to change and meet the community's lifestyle needs. ▪ Our older people age well in place (wherever they choose to live), enjoy life and contribute to our communities. ▪ Our history and cultural heritage is known and treasured. ▪ We have resilient, healthy and diverse communities with good quality of life, and have good connectivity and access to services. ▪ Our communities and economy are successfully adapting to climate change. ▪ We have plentiful kaimoana to feed our people. ▪ We live in a stunning location that has ample recreation opportunities. ▪ Our natural environment and native species are treasured. ▪ We sustainably manage our land, water, geothermal and air resources to support a healthy environment and diverse rural production. |
| <p>Key Opportunities sought through Connecting the Eastern Bay</p> | <ul style="list-style-type: none"> ▪ Understanding and responding to an ageing population and changing demographics in our communities. ▪ Regional collaboration for healthy communities. ▪ Building and supporting sustainable, liveable and resilient communities. ▪ Adapting to the implications of climate change. ▪ Sustainable use of our environmental resources. ▪ Setting and achieving good water quality standards. ▪ Water allocation - balancing environmental, cultural and economic needs. |

Aiming to:

| What is already happening or has been planned in the Eastern Bay? | Who | Timing |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| <p>Social and community programmes, including:</p> <ul style="list-style-type: none"> ▪ Whānau Ora – inclusive approach to providing services and opportunities to all families in need. ▪ The Turning of the Tide: A Whānau Ora Crime and Crash Prevention Strategy. ▪ Social sector trials to improve the lives of children and young people. ▪ Community Development Scheme projects. ▪ Youth Leadership Project. ▪ Use of environmental design programmes to prevent crime and increase community safety. | <p>Ministry of Māori Development Te Puni Kokiri</p> <p>Ministry of Social Development</p> <p>Ministry of Health</p> <p>Te Moana A Toi Regional Leadership Group</p> <p>NZ Police</p> <p>Iwi and hapu</p> <p>Te Whiri Kawai Partnership in Kawerau (a partnership of local health, education and social service providers)</p> <p>Department of Internal Affairs</p> <p>Murupara Youth Leadership Project Team</p> | <p>Various</p> |
| <p>Healthy homes programmes, including:</p> <ul style="list-style-type: none"> ▪ Warm up New Zealand: Healthy Homes – free ceiling and underfloor insulation to low-income households with health needs related to cold, damp housing. | <p>Energy Efficiency and Conservation Authority (EECA)</p> | <p>Current</p> |

| Aiming to: | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| What is already happening or has been planned in the Eastern Bay? | Who | Timing |
| <ul style="list-style-type: none"> ▪ Healthy housing programme to improve homes where people have health needs. ▪ Neighbourhoods of Healthy Homes. ▪ Māori Housing Network. ▪ Improving quality of social housing. | Bay of Plenty District Health Board (BOPDHB) Kawerau District Council Te Puni Kokori Social housing providers Eastern Bay Energy Trust | |
| Pae Ora health management framework to support the achievement of health equity in the community. Pae Ora includes three interconnected elements: <ul style="list-style-type: none"> ▪ Mauri ora – healthy individuals. ▪ Whanau ora – healthy families. ▪ Wai ora – healthy environments. | Bay of Plenty District Health Board (BOPDHB) | Ongoing |
| Bay Trust funding for charitable, cultural, philanthropic and recreational programmes, projects and activities that are of benefit to Bay of Plenty communities. Outcomes and priorities are: <ul style="list-style-type: none"> ▪ Strengthened Whanau. ▪ Inclusive Communities. ▪ Safe Communities. ▪ Healthy sustainable housing. ▪ Prosperous communities. ▪ Active communities. ▪ Vibrant and fun communities. ▪ Stronger community organisations. ▪ Improved natural environment. http://www.baytrust.org.nz/ | Bay Trust (includes Bay Brighter Futures collaboration between Bay Trust, Ministry of Social Development, Community Response Forum, Tauranga Energy Consumer Trust (TECT), Rotorua Energy Charitable Trust (RECT), Department of Internal Affairs, Ministry of Youth Development) | Ongoing |

| Aiming to: | | |
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| What is already happening or has been planned in the Eastern Bay? | Who | Timing |
| Increase awareness about Maori history and cultural heritage of the Eastern Bay. | Iwi and hapu | Ongoing |
| <p>Civil defence emergency planning:</p> <ul style="list-style-type: none"> ▪ Marae preparedness. ▪ Community response planning (operational planning for identifying who is in the community, what facilities are available and how these will work in an event, improving knowledge of local hazards, readiness). ▪ Response framework for civil defence emergencies (includes training). ▪ Lifelines group critical infrastructure providers working together to reduce their vulnerability to hazards and identify their interdependencies (power, telecommunications, road and rail transport, territorial authorities, Port of Tauranga). | <p>Civil Defence Emergency Management (CDEM) Group</p> <p>Lifelines Group</p> | Ongoing |
| Earthquake prone building programmes. | <p>Kawerau District Council</p> <p>Opotiki District Council</p> <p>Whakatane District Council</p> | Current |
| <p>District council infrastructure projects over the next 30 years:</p> <ul style="list-style-type: none"> ▪ Water supply maintenance, upgrades, replacement and extensions (including Te Kaha Water Supply Extensions; Kawerau water supply pipework replacement; Whakatāne District water supply upgrades and renewals; Rangitāiki Plains water supply – Edgecumbe, Te Teko, Awakeri, rural). ▪ Stormwater system maintenance and upgrades (including Opotiki Stormwater Upgrades and Storage; Wainui Te Whara Stream urban catchment flood mitigation works; Whakatāne and Ōhope stormwater upgrades and works). ▪ Wastewater reticulation scheme maintenance, replacement, extension, upgrade and renewals (including Hikutaia Wastewater Reticulation Extension; Opotiki Wastewater Reticulation Replacement; Ōpōtiki Relocation of Primary Wastewater Treatment to Pond; Kawerau wastewater pipework replacement; Whakatāne District wastewater upgrades, renewals; Matatā/Edgecumbe/Whakatāne integrated wastewater solution). | <p>Kawerau District Council</p> <p>Opotiki District Council</p> <p>Whakatane District Council</p> | Infrastructure Strategies 2015-2045 |

| Aiming to: | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| What is already happening or has been planned in the Eastern Bay? | Who | Timing |
| <ul style="list-style-type: none"> Community infrastructure – libraries, community halls, sports and recreation facilities, playgrounds (including Ōpōtiki Library Redevelopment; Ōpōtiki CBD Integration with Harbour Environment; Whakatāne Multi Sports Events centre). | | |
| <p>Ohiwa Harbour Strategy, which sets out a vision for Ohiwa Harbour and its catchment, and guides planning and management around the Harbour (includes actions).</p> <p>https://www.boprc.govt.nz/media/536692/ohiwa-harbour-strategy-refreshed-2014-final-web.pdf</p> | Ohiwa Harbour Implementation Forum | Ongoing |
| <p>Te Ara Whanui o Rangitaiki – Pathways of the Rangitaiki (Rangitaiki River Document), which is about our aspirations for the River and ensuring a healthy River for the benefit of present and future generations (includes an action plan).</p> <p>https://www.boprc.govt.nz/media/415902/4417-pathways-of-the-rangitaiki-river-document-final-web-version.pdf</p> | Rangitaiki River Forum | Ongoing |
| <p>Freshwater Futures programme to set freshwater quality standards and water allocation limits to implement the National Policy Statement for Freshwater Management.</p> | Bay of Plenty Regional Council | <p>Current focus is Rangitaiki River catchment</p> <p>Tarawera River, Ohiwa Harbour and Waioeka, Waioeka and Otara, and East Coast catchments to be progressed in the future</p> |
| <p>Water and land management and regulations, including:</p> <ul style="list-style-type: none"> Riparian protection, biodiversity and pest management programmes to improve water, land and indigenous biodiversity. Develop and implement effective environmental mechanisms to control the effects of land use on the environment to meet water quality standards (as established in Freshwater Futures programme). | Bay of Plenty Regional Council | Ongoing |

Aiming to:

| What is already happening or has been planned in the Eastern Bay? | Who | Timing |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------|
| <ul style="list-style-type: none">▪ Develop policy and a consenting regime for the use and allocation of freshwater (including investigation of a trading system) within the established water allocation limits (as established in Freshwater Futures programme).▪ Environmental monitoring to better understand natural resources (land, water, marine, air, geothermal) and effects of use and development.▪ Kopeopepo Canal contaminated site remediation. | | |
| <p>Maintenance and upgrading river and drainage schemes:</p> <ul style="list-style-type: none">▪ Rangitaiki Drainage Scheme.▪ Rangitaiki-Tarawera Rivers Scheme.▪ Whakatane-Waimana Rivers Scheme.▪ Waioeka-Otara Rivers Scheme.▪ Opotiki Minor Rivers and Drainage Schemes. | Bay of Plenty Regional Council | Current infrastructure strategy for 2015-2045 |

Moving towards:

Collaboration to achieve our Key Opportunities

Actions

Key partners

Ageing population collaboration

Collaborate to:

- Fully understand the requirements and implications of an ageing population on Eastern Bay communities.
- Take appropriate action to adapt to those requirements and implications.

Use demographic projections to understand the percentage and number changes of older people in individual communities.

Develop a full understanding of:

- Services and facilities that are needed for an ageing population, including dwelling types and preferences, recreation opportunities, and social infrastructure.
- Ways for employers and the voluntary sector to provide for an ageing workforce.
- ‘Re-hirement’ opportunities for older people (including providing learning opportunities, and ways to contribute to their communities).
- Financial implications for councils of a greater percentage of residents on fixed incomes.
- Implications for workforce planning (including replacing retiring workers).

Make ageing population information freely available to the community to enable community discussion.

Develop an Ageing in Place/Lifetime Neighbourhoods strategy.

Also see Connecting the Eastern Bay for understanding the transport needs of an ageing population.

Bay of Plenty District Health Board (BOPDHB)

Central government social sector agencies

Kawerau District Council

Opotiki District Council

Whakatane District Council

Other parties to involve in collaboration:

- Bay of Plenty Regional Council.
- Civil Defence Emergency Management (CDEM) Group.
- Kawerau and Districts Ageing in Place (KADAP).
- Business and industry sector representatives.
- Volunteer sector.

Moving towards:

| Collaboration to achieve our Key Opportunities | Actions | Key partners |
|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Climate change and natural hazard collaboration</p> | <p>Develop and understand credible long-term climate change projections for all low lying and coastal areas of the Eastern Bay. Once the impacts are understood, agree on a process for engaging the community and managing risk (including developing climate change adaption and mitigation plans).</p> <p>Support the community in Marae preparedness and community response planning for civil defence emergencies.</p> <p>Develop and implement on-farm and on-orchard management techniques to build resilience to changing rainfall patterns from climate change, and the effects of El Nino and La Nina events.</p> <p>As part of indigenous biodiversity programmes, provide for ecological sequences and processes to assist migration and transition of species and ecosystems impacted by climate change.</p> <p>Implement measures to reduce greenhouse gas emissions from the Eastern Bay in accordance with the Paris Agreement.</p> <p>Councils to prepare corporate sustainability plans to show leadership in climate change action.</p> | <p>Bay of Plenty Regional Council Kawerau District Council Opotiki District Council Whakatane District Council Civil Defence Emergency Management (CDEM) Group</p> <p>Other parties to involve in collaboration:</p> <ul style="list-style-type: none"> ▪ Department of Conservation. ▪ Agriculture and Horticulture sectors. ▪ Bay of Plenty District Health Board (BOPDHB). |
| <p>Housing collaboration</p> | <p>Collaborate to ensure people have warm, healthy homes.</p> <p>Undertake a housing stocktake to identify areas of worst housing quality.</p> <p>Prioritise public funding and investment to improve housing based on a common understanding of priority areas. This will include using the results of the housing stocktake to identify areas of worst housing quality, and a health assessment to identify areas where there are high rates of illnesses related to poor housing.</p> | <p>Kawerau District Council Opotiki District Council Whakatane District Council Bay of Plenty District Health Board (BOPDHB) Social housing providers Iwi/hapu</p> |

Moving towards:

Collaboration to achieve our Key Opportunities

Actions

Key partners

Build new or renovate existing buildings and housing to:

- Be warm and healthy.
- Be adaptable to changing technology and demographic needs.
- Use sustainable design, materials and products.

Implementing the National Policy Statement on Urban Development capacity. This may include a housing market assessment to provide an evidence base to understand housing supply and demand, and the mix of housing required. Then, through the planning framework, provide for different types of housing and housing densities to suit changing demographic needs as identified in the evidence base.

Investigate financial options to assist home owners make their houses warm and healthy (including home improvement loans repaid through targeted rates).

Toi te Ora Public Health
Te Puni Kokori
Housing developers

Collaboration for building and supporting healthy and resilient communities

Collaborate to:

- Ensure neighbourhoods meet lifestyle needs and are great places to live.
- Apply Health in All Policies to improve the health of all people by incorporating health considerations into decision-making across sector and policy areas.

Develop a good understanding of future changes that may affect the resilience of individual communities, including credible projections for population, economy and climate.

Community development initiatives to foster grass-roots development, improve community resilience, and enhance community identity and sense of place.

Establish and support initiatives that encourage volunteerism, mentoring and community resilience.

People, neighbourhoods, communities
Iwi and hapu
Bay of Plenty District Health Board (BOPDHB)
Toi Te Ora Public Health
Kawerau District Council
Opotiki District Council
Whakatane District Council
Other parties to involve in collaboration:

- Bay Trust
- Eastern Bay Energy Trust
- Civil Defence Emergency Management (CDEM) Group

Moving towards:

| Collaboration to achieve our Key Opportunities | Actions | Key partners |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| | <p>Ensure rural communities have access to services (including via the internet), and opportunities for people to obtain critical skills, such as drivers licences.</p> <p>Consider developing community hubs in rural areas that are centred on schools, marae, or community halls to access technology, provide services, and make good use of shared facilities.</p> <p>Assess needs and opportunities for public spaces and facilities within communities, and support initiatives that make great spaces and places. This includes identifying ways to make better use of public space for:</p> <ul style="list-style-type: none">▪ Amenity values.▪ Indigenous biodiversity.▪ Recreation needs – active and passive.▪ Uses and activities for all ages.▪ Food security (e.g. planting fruit trees). <p>Support ‘sun-smart’ and ‘heat-smart’ campaigns, and the provision of free drinking water in public places and at public events to combat heat exhaustion.</p> <p>Work towards improving food security and healthy food choices in the Eastern Bay through:</p> <ul style="list-style-type: none">▪ Connecting people with affordable local food sources.▪ Use of public spaces for growing local fruit and vegetables.▪ Education and support for household vegetable and fruit gardens.▪ Encouraging marae and papakainga to develop vegetable and fruit gardens. | <ul style="list-style-type: none">▪ Central government social sector agencies▪ Bay of Plenty Regional Council |

Moving towards:

Collaboration to achieve our Key Opportunities

Actions

Key partners

Through the Eastern Bay of Plenty Joint Committee, develop 'health in all policies' key stakeholder partnership to:

- Understand how to deliver good health outcomes as part of managing the natural environment, infrastructure and the built environment in the Eastern Bay.
- Identify joint targets for addressing health issues in the Eastern Bay.
- Monitor methods to achieve the joint targets.
- Develop a health checklist (or health and well-being impact assessment) to use when considering Resource Management Act (RMA) planning strategies, plans and proposals.

Increase local capacity and knowledge of health and planning relationships by providing training for local government staff and elected members, and other stakeholder organisations to apply an equity approach to planning and decision-making to achieve greater community well-being for those that need it most.

Support health, active transport (e.g. walking, cycling) and sustainability through District Plans, the Regional Land Transport Plan and Regional Public Transport Plan, by:

- Providing for pedestrian mobility and cycling accessibility.
- Providing for public transport.

Using accessibility principles in communities (e.g. residential areas are within specific distances from bus stops; walkable distances to local shopping centres).

Also see Connecting the Eastern Bay for co-ordinating transport options for social and education needs.

Moving towards:

| Collaboration to achieve our Key Opportunities | Actions | Key partners |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Collaboration for the marine environment | <p>Co-ordinated marine planning to support plentiful kaimoana and the aquaculture industry.</p> <p>Work with the fishing industry and recreational users to understand need for wider planning to ensure long-term sustainability of kaimoana.</p> <p>Investigate the mataitai reserves to maintain and improve fish stocks, and to protect mussel spat and other aquaculture sources.</p> | <p>Bay of Plenty Regional Council</p> <p>Opotiki District Council</p> <p>Whakatane District Council</p> <p>Iwi and hapu</p> <p>Fishing industry</p> <p>Recreational users</p> <p>Scientists</p> |

Measures of Success

| Key Opportunity | Measure | Sources of information |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Connecting the Eastern Bay | Percentage of population with internet access at home increases. | Statistics NZ Census data |
| | Volume of freight moved by rail between Kawerau and Port of Tauranga. | Kiwirail data |
| | Economic performance, safety, land use and transport integration, energy efficiency, access and resilience, affordability and environmental sustainability land transport metrics are improved over time. | Regional Land Transport Plan Annual Report Card |
| Growing a high value economy | Gross Domestic Product (GDP) from the Eastern Bay increases at the national rate as a minimum. | Ministry of Business, Innovation and Employment (MBIE) data |
| | The level of Eastern Bay GDP from the following sectors increases: <ul style="list-style-type: none"> ▪ Tourism. ▪ Processing of agricultural, horticultural and wood products. ▪ Aquaculture. ▪ Horticulture – Kiwifruit. ▪ Manuka honey. ▪ Agribusiness. ▪ Water bottling. | Ministry of Business, Innovation and Employment (MBIE) data Economic data collected and published by economic development organisations |
| | The number of people continuously receiving working age benefits for more than 12 months is reduced. Eastern Bay unemployment and jobless rates are reduced. | Statistics NZ and Ministry for Social Development data |

| Key Opportunity | Measure | Sources of information |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Education for living and working in the Eastern Bay | The percentage of 18-year-olds with NCEA Level 2 or an equivalent qualification increases. The percentage of 25 to 34-year-olds with a qualification at Level 4 or above increases. | Statistics NZ Census data Ministry of Education data |
| | There are contiguous education and training 'Pathways to Work' opportunities for key industry sectors in the Eastern Bay. | Toi-EDA (Economic Development Agency) information |
| Clean energy powering our future | Energy consumption from geothermal and solar sources increases in the Eastern Bay. | Geothermal energy generation data Solar energy installation data |
| Caring for our communities and environment | The Eastern Bay per capita rates of obesity, diabetes, Alzheimer's, smoking, alcoholism, mental illness, and respiratory illnesses associated with living in cold/damp housing are reduced. | Bay of Plenty District Health Board data |
| | Deprivation levels in the Eastern Bay decrease. | Socioeconomic Deprivation indexes from Department of Public Health, University of Otago |
| | Eastern Bay income per capita levels increases to the NZ median level as a minimum. Median weekly household income increases. Labour force participation rate increases. | Statistics NZ Census data |
| | All rivers and streams in the Eastern Bay meet their water quality standards (standards established through the Freshwater Futures programme). Water levels in rivers and streams in the Eastern Bay do not fall below minimum levels as a result of water abstraction (minimum levels established through the Freshwater Futures programme). Air quality is maintained at its current good quality. Marine water quality is maintained at its current good quality. Geothermal resources are used at sustainable levels (as established in geothermal field management plans). | Bay of Plenty Regional Council environmental monitoring data |