

## Update on Climate Action Pathway actions

A copy of the [Climate Action Pathway](#) is available on Hutt City Council's website. There are a total of 93 actions.

Ref	Action (timing in brackets, where specified)	Lead or project partners	Status (as at 25 August 2023)
<b>TRANSPORT: More walking and cycling (13 actions)</b>			
p70	Beltway cycleway	HCC, Waka Kotahi	Under way: The northern and central sections of the cycle way have been completed.
p70	Cycling and micro-mobility programme	HCC	Under way: Avalon and Taita cycleways - Community consultation is underway and runs through to 1 September. Construction is scheduled to take place in the first half of 2024, with works to be completed by 30 June 2024. Maru Streets for People (Wainuiomata) - Construction is expected to start November 2023 with completion early in 2024.
p70	Te Ara Tupua	HCC, Waka Kotahi, GWRC, WCC	Under way: Work commenced on the construction of the first coastal sections of the project, moving north from Ngā Ūranga and south from Pito-One.
p70	Tupua Horo Nuku Eastern Bays Shared Path	HCC, Waka Kotahi, Central Government	Under way: Construction on sections of the project is under way.
p70	RiverLink	HCC, GWRC, Waka Kotahi	Under way: The Alliance delivery partners, AECOM-Fletcher, were selected in March 2023. The team is working on designs, project planning, programming and costing in order to set a programme and target cost for the implementation phase of the project. This phase will be completed in December 2023, main construction will commence in 2024, and the project is scheduled to be completed in 2027.
p70	Biketec (ongoing)	HCC, Biketec	Under way: HCC continues to fund Biketec, which involves them fixing up bikes at schools used by students for trainings or leisure rides. HCC also supports the Pedal Ready Programme (see below action by GWRC) and Biketec ensures the bikes are fully functional for it.
p70	Pedal Ready (ongoing)	GWRC, HCC	Under way: The Pedal Ready <a href="#">programme is run by GWRC</a> , and provides free cycle skills training for children and adults in the Wellington region.
p71	Free Ride	HCC, Healthy Families	Under way: HCC is continuing to support this local initiative in Naenae to deliver Bike Rescue and Community workshops. Free Ride was the Winner of the Hutt Valley Sports Award 2023 for Environment and Sustainability.
p71	ReCycled Rides	Common Unity	Changed: A relationship has recently formed between Common Unity and Free Ride. Free Ride provides a monthly free fix up at the Remakery, utilising Common Unity volunteers and workshop space. See also the action on "Free Ride" above.
p71	Locky Docks	Big Street Bikers	Under way: There are currently <a href="#">two Locky Docks in Lower Hutt</a> .  Note that Hutt City Council won Big Street Bikers' Breakthrough Biking City of the Year for 2022, at last year's annual Local Government NZ conference.

p71	Two-wheeled public transport e-bike trial	Healthy Families, Kōkiri Marae, Big Street Bikers	Under way: This transport initiative, to provide free access to e-bikes for families to use, has now been running for 12 months. Note that the future of the scheme, beyond November 2023 is still unclear.
p69 and P71	Innovative wayfinding	Lead unclear	Some progress: There is work under way at HCC regarding wayfinding guidelines; final guidelines are on track to be presented to the Traffic Subcommittee in November 2023 for approval.
p71	Annual Bike the Hutt Festival	Lead unclear	Changed: The Bike the Hutt Festival does no longer appear to be running. However, GWRC runs a free annual biking event along the Hutt River Trail. The last event took place on 5 March 2023.
<b>TRANSPORT: Increasing use of public transport (9 actions)</b>			
p72	Rail improvements	Metlink	Under way: In April 2023 it <a href="#">was announced that a fleet of 18 new four-car trains will be procured</a> for Kāpiti and Wairarapa to replace the current ones and provide capacity for another 1.5 million trips. The hybrid electric trains are to replace the current fleet of trains from the 1970s, and upgrades will also be made to the network. Crown funding for the Lower North Island Rail Integrated Mobility programme was confirmed in Budget '23. Procurement processes for the new rolling stock are underway to deliver the capacity and frequency improvements on the Wairarapa/Hutt Valley lines.
p72	Bus priority (by 2023/24)	HCC	No progress: There are upgrades to intersections in the CBD planned as part of future works, ie Riverlink and connected projects. Options for improvements at intersections will be investigated once the network changes are better understood.
p72	Integrated ticketing (by 2023)	Metlink	<b>Completed:</b> Electronic contactless ticketing via Snapper has now been fully deployed the Wellington public transport network, including rail. A new national ticketing solution is expected to be launched in Wellington in 2026.
p72	Bike and Ride (ongoing)	Metlink	No progress: The capacity of bike parking spaces remains at 72 spaces at Waterloo station, and 32 spaces at Woburn station. However, there are plans to install new bike parking at Taita during 2023/24.
p72	Park and Ride (ongoing)	Metlink	No change: The capacity of Park and Ride spaces at Waterloo Station and Petone Station remain the same, at 779 and 448 spaces , respectively. There are plans for dedicated carpool spaces to encourage mode shift, line marking for this is due during 2023/24. However, note that expanding Park and Ride, instead of improving connectivity and public transport connections, can also further embed reliance on the private motor vehicle.
p72	Micromobility connections (ongoing)	HCC	Under way: This action is aligned with the “Cycling and micro-mobility programme” noted above. Avalon and Taita cycleways - Community consultation is underway and runs through to 1 September. Construction is scheduled to take place in the first half of 2024, with works to be completed by 30 June 2024. Maru Streets for People (Wainuiomata) - Construction is expected to start November 2023 with completion early in 2024. There is also work under way regarding wayfinding guidelines; final guidelines are on track to be presented to the Traffic Subcommittee in November 2023 for approval.
p72	Placemaking	HCC	Under way: Most of HCC’s placemaking work is directed at micromobility and walkability, especially for school children. This includes targeted interventions such as addressing footpath condition,

			creating drop off points for parents near schools, improving road crossing safety around schools, updating laneways to provide colour and fun and interactive playable art installations to increase appeal to walkers, and increased seating options along walkable routes.
p73	Access to public transport hubs (by 2023/24)	Metlink, HCC	<p>Underway: An ongoing programme of rail station infrastructure and way-finding improvements is lifting transport hub access quality across the Hutt Valley.</p> <p>Pedestrian bridges at Woburn station have been refurbished, and lighting was installed on the northern pedestrian bridge to improve access at all times. At Ava station, there is improved lighting near the bus stops.</p> <p>Metlink has also signed up to an Accessibility Charter, and part of that involves ensuring that there are fully accessible stations within in each larger community area – funding is still being sought for this and this will be a multi-year programme.</p>
p73	On demand trials (by 2022)	Metlink	<p><b>Completed:</b> Metlink On Demand finished a successful 12-month trial in May 2022, having completed over 40,000 trips for the community. The trial was extended for another year, <a href="#">and the service was expanded from Tawa and Grenada North to include Porirua CBD</a>. There is no information available yet on whether the service may become available in Lower Hutt in the future.</p>
<b>TRANSPORT: Increasing electric vehicles (9 actions)</b>			
p74	Building electric ferries (ongoing)	East by West	Under way: A first electric ferry was launched for service and there are further electrification plans.
p74	Electric passenger ferry	East by West	<b>Completed:</b> The first electric ferry in NZ was launched for service and operates in regular service.
p74	Electric bus fleet (by 2030)	Metlink	Under way: 23% of buses across the Wellington region are now electric. Note that Metlink's target is to electrify all <u>core</u> bus routes by 2030. This will result in a <u>mostly</u> zero emissions feet by 2030. The Eastbourne bus route is partly serviced by electric buses, but buses can only be charged in Kilbirnie making logistics still challenging. The 110 (Petone to Upper Hutt) bus is the next bus Metlink is looking to electrify in the Hutt area.
p74	(Electric) Hutt City Council's rubbish and recycling kerbside (by 2024)	HCC	Under way: Half of the trucks are already electric, full electrification is to be completed in 2024.
p74	Council's fleet is electric (by 2030)	HCC	Under way: Council's vehicle fleet has seen significant change over the last four years and vehicle fleet emissions have reduced significantly (eg <a href="#">refer p14 of the HCC Greenhouse Gas Inventory for 2021/22</a> ). The fleet is now 61% electric.
p74	Electric business fleets (ongoing)	Business and private organisations	Under way: An increasing number of fleets have started introduction of EVs. While only about 2% of vehicles registered in Lower Hutt are now electric, EV market share for new light vehicles registered in the Wellington region (including Lower Hutt) is at about 20%. The Government's clean car discount scheme, together with other measures (eg Low Emission Vehicles Contestable Fund) and forces (eg high fuel prices), is driving demand for EVs. The roll out of EV charging stations by HCC will also increase EV confidence for businesses.

p75	Businesses electric charging stations (ongoing)	Business and private organisations	Under way: <a href="#">There is an increasing number of public charging stations</a> in Lower Hutt, provided/operated by a range of businesses/providers.
p75	Electric vehicle retailers	Business	Under way: There is an increasing number of locations to purchase EVs in Lower Hutt, from a variety of brands.
p75	HCC electric charging stations	HCC	<b>Completed.</b> The roll-out of 20 DC charging stations was completed, and the network was launched in June 2023.
<b>TRANSPORT: Reduce vehicle use (7 actions)</b>			
p76	Co-working spaces (ongoing)	Business and private organisations	Under way: There are a range of co-working spaces in Lower Hutt.
p76	Hutt City Libraries (ongoing)	HCC	Under way: Libraries offer a range of services, including public access to computers and free WIFI, for those who find cost is a barrier to accessing broadband.
p77	Car pooling	Business and private organisations	Under way: There are some private organisations that facilitate car-pooling (via apps), albeit the effectiveness of those services is unknown.
p77	Car sharing	Business and private organisations	Delayed: Mevo has now grown their car share fleet to about 130 vehicles in Wellington. Mevo has had plans to extend their car share service to Lower Hutt for the last couple of years, but the launch has repeatedly been pushed back; it is currently planning for a launch before the end of 2023.
p77	Reduce traffic speeds and volumes	HCC	Under way: HCC has developed <a href="#">a draft speed management plan</a> to make roads safer for all road users.
p77	Investigate parking management	HCC	Underway: In order to encourage people to re-think how and when they travel, and to support the objectives of the Integrated Transport Strategy, parking fees across the city have been increased from between \$0.70-\$1.50 per hour to \$2.00. The daily rate has also increased from \$4.00-\$7.00 to a flat rate of \$7.00 at all sites and the Riverbank carpark's monthly fee has risen from \$62.00 to \$100.00. A full review of the parking policy will be completed during 2023/24, and will be consulted on as part of the Long-Term Plan 2023-2034.
p77	Make the cost of cars more visible	Lead unclear	No progress. Note that this could partly be addressed through a climate change education campaign planned by Wellington City Council, and for which HCC has secured Better Off co-funding in order to support this education campaign in Lower Hutt. The launch of that campaign is scheduled for later in 2023.
<b>ENERGY AND BUILDING (10 actions)</b>			
p78	Eco-design advice (ongoing)	HCC	Under way: This is an ongoing service, with more than 150 homes assessed each year, with renters/homeowners receiving free advice on how to make their home more efficient, warmer, drier and healthier.
p78	LED streetlights (by 2022)	HCC	Delayed: Due to a number of factors, as previously reported via the Climate and Sustainability Committee (eg changes to the NZTA's funding model, contractor constraints, etc), it has not been possible to complete this project on time. The LED of street lighting sits at about 80%. A business case for additional funding is to be considered as part of the process to develop the next Long Term Plan 2024-34.

p78	Kāinga Ora retrofit and build programmes in Lower Hutt	Kāinga Ora	Under way: Kāinga Ora has an extensive nationwide programme for new housing, and Lower Hutt is part of that, especially as there is a high concentration of Kāinga Ora properties in the valley. Kāinga Ora require a minimum of HomeStar 6 and also has a no-new-fossil-gas requirement (in line with Urban Plus' requirement). Note that the Coordinated Urban Renewal Programme helps guide and coordinate Kāinga Ora activity across the valley.
p78	Sustainability of new council buildings	HCC	Under way: Good progress has been made towards certification of the new Naenae aquatic facility as Green Star rating 5+. This involves achieving objectives against a range of criteria. For example, 80% of the waste emanating from the demolition phase has been recycled and the energy usage intensity is estimated to reduce by 53% and carbon emissions by 56% as a result of the shift from fossil gas to 100% electricity, compared to the old facility.
p79	Phasing out natural gas at Council facilities (by 2030)	HCC	Under way: The Naenae Pool has been designed to operate using electricity for heating, and construction is under way. The heating change for the Eastbourne summer pool, and one plant change at the new Huia pool has been completed. The heating change for McKenzie is almost completed, and heat pump will be operational before the next summer season. For the Dowse Museum, the heating plant change is scheduled to be completed in 2024. A change to heat pumps (hydronic / water-based system) has also been proposed and designed for the War Memorial Library, but the exact timing of the change is yet to be confirmed.
p79	Urban Plus (ongoing)	HCC, Urban Plus	Under way: Urban Plus can no longer install gas for cooking/heating/water in any of their new developments and new developments have to achieve a HomeStar rating of at least 6.
p79	District Plan Change	HCC	Under way: Plan Change 56 provides for renewable energy generation in Lower Hutt and was approved. The new Draft District Plan will also include a Renewable Energy Generation chapter.
p79	Solar energy suppliers (ongoing)	Business and private organisations	Under way: There are wide range of businesses offering installation of Solar PV for both residential and business applications.
p79	Solar schools (ongoing)	Schools	Under way: Some schools in Lower Hutt have installed Solar PV. HCC is facilitating a pilot project to develop carbon footprints for five schools, so that this can inform them on opportunities to reduce emissions (which can include adding Solar PV).
p79	Wainuiomata marae – solar	Wainuiomata Marae, Kāinga Ora	Delayed: This project involves the Wainuiomata Marae working in partnership with Kāinga Ora to build affordable rental homes. The project is stalled at the planning stage while the legacy zoning classification gets changed (this could take 3 years). The external funding previously agreed has a use-by-date so there are time constraints that will need to be worked through. HCC staff are working on the zoning change.
<b>REFUSE, REDUCE, REUSE, RECYCLE (16 actions)</b>			
p80	Recycling in schools (by 2022)	HCC	<b>Completed:</b> Free recycling is available to all schools in Lower Hutt.
P80	Food waste business case (by 2023)	HCC	Under way: Development of a business case and options for managing residential and commercial green and food waste in Lower Hutt is

			under way. A briefing for Council on the draft business case is scheduled for September 2023.
P80	Resource recovery park (by 2023)	HCC	Under way: Over the last three years various works have been undertaken to improve the level of service at Silverstream transfer station. This includes a new roundabout, changes to the load-out direction for waste, the introduction of paying by weight for all users, an upgraded hazardous waste and green waste drop-off, improved signage utilising gate numbers, and a new discount voucher scheme. The completion of a new covered drop-off for Earthlink is imminent. Additional diversion opportunities for self-sorted construction and demolition waste are due to be in place by the end of 2023. Note that decisions on further upgrades to the Silverstream transfer station are dependent on the potential construction of a new state-of-the-art resource recovery park by Waste Management NZ. WMNZ has submitted a consent application, with decisions potentially due by the end of 2023.
P80	World of Waste Tours (ongoing)	HCC	Under way: World of Waste tours are delivered by Toimata Foundation, in conjunction with the Enviroschools Programme, and provides students with the opportunity to think creatively about reducing waste.
P80	Community gardens (ongoing)	Residents et al	Under way: There continue to be a number of community gardens located in Lower Hutt.
P80	Foodprint App (ongoing)	Foodprint et al	Under way. Foodprint connects users to eateries with surplus and imperfect food available for purchase at a discount. It was launched in late 2021. Note that there is no public information about how effective this app is.
P80	Kaibosh food rescue (ongoing)	Kaibosh et al	Under way: Kaibosh is a food rescue organisation that also operates in the Hutt Valley, supplying food to more than 140 charities and community groups in the Greater Wellington Region.
P80	Kerbside green waste collection service (ongoing)	HCC	Under way: HCC introduced a new kerbside collection methodology, including opt-in green waste service, in 2021. This diverts about 2,000t of green waste per year. The number of subscribers to the four-weekly green waste service has steadily increased.
P81	Trial of flare (by 2022)	HCC	<b>Completed.</b> A trial of a flare to destroy remaining methane emissions at the closed Wainuiomata landfill was undertaken in late 2022. Unfortunately, it was found that the practicality of operating a flare would likely be marginal. As a result, further work on flaring gas was stopped ( <a href="#">refer report no. CCASC2023/1/49 from February 2023, page 25</a> ). However, note that work continues on other remediation options for the closed landfill site.
P81	Methane collection system (ongoing)	HCC	Under way: Silverstream Landfill has a methane collection system in place, which is used to generate energy. There is also a supplementary flare to maximise methane destruction efficiency. For the last two years, Silverstream has achieved the minimum liability under the Emissions Trading Scheme.
P81	CleanTech Business (ongoing)	Callaghan Innovation	Status unclear.
p81	Compostable and biodegradable	Business and private organisations	Under way: There are compostable packaging options available from a range of businesses. However, note that some of these products are not suitable for home composting. In addition, even if HCC and other councils in the region invest in a food/green waste collection and

	packaging (ongoing)		processing service, it is unlikely that compostable plastic products would be acceptable for collection.
p81	Integrated PET recycling plant (ongoing)	Business and private organisations	Under way: Flights Plastics operates a fully integrated PET recycling plant, which recycles waste PET packaging that can be used locally.
P81	Pre-loved clothing (ongoing)	Business and private organisations	Under way: A range of local retail businesses are selling used clothing and products.
P81	Scrap metal recycling (ongoing)	Business and private organisations	Under way: There are a range of metal recyclers available to Lower Hutt residents and businesses.
P81	Transforming recycled items (ongoing)	Business and private organisations	Under way: Earthlink, and businesses such as Macaulay Metals, recover/recycle materials and products.
<b>CARE AND RESPONSIBILITY FOR OUR NATURAL ENVIRONMENT (13 actions)</b>			
p82	Community group actions (ongoing)	Various	Under way: Planting, weeding, litter collection, beach clean ups and education are carried out by local groups like Friends of Horoeka Scenic Reserve and Friends of Waiwhetū Stream.
p82	Enviroschools (ongoing)	Toimata Foundation	Under way: In 2022, HCC expanded its support for the EnviroSchools Programme, to enable it to reach all schools in Lower Hutt.
p82	Local supply of plants and advice (ongoing)	Various	Under way: There a number of local garden centres and nurseries.
p82	Promoting te ao Māori understandings of the environment (ongoing)	Lead unclear	Status unclear. Note that Council's draft Indigenous Biodiversity Strategy incorporates Te Ao Māori elements.
p82	Accelerate reforestation of Belmont Regional Park (by 2025)	HCC	No progress: Greater Wellington Regional Council's (GW) parks network plan aims for the reforestation of Belmont Park (most is currently in grazing land), and as GW is managing Belmont Park (even though some land is owned by HCC), HCC is not directly involved in the park's revegetation. Over the last couple of years, HCC's Climate and Waste team has been coordinating with GW to identify opportunities for accelerating reforestation beyond GW's current plans, but none have been identified yet.
p82	Planting more native trees on Council land (by 2025)	HCC	Under way: Over the last year, a key focus has been to draft an Indigenous Biodiversity Strategy. The Strategy will be finalised by the end of 2023. In order to achieve a step change, additional funds and resources are required, which would need to be considered as part of the process to develop the next Long Term Plan.  With regard to existing revegetation efforts, some have taken place over the last couple of years using existing funds. During the 2022 and 2023 winters, approximately 12,000 plants were planted by HCC contractors and volunteer, predominantly in reserves and coastal dunes. There has also been work to remediate the closed Wainuiomata cleanfill (including a final planting push with 10,000 plants during 2022/23), which may be able to be registered under the ETS once forest has established on the site.

			With regard to pest plant and animal control on Council's reserves estate, this is overseen by Council. Work is undertaken by GW, contractors, volunteers and landowners. Some control work is directed at private property. Note that in April 2022 operational funding for the pest plant control programme ceased, but Council agreed to restore this funding, which became available 1 July 2023. The Parks and Reserves team is working with contractors and other agencies to rearrange control programmes so that they are more strategic and data driven. Further to this, in 2022 Council, supported by Greater Wellington, increased feral deer control efforts on HCC land from one cull per year to two.
p83	Indigenous Biodiversity Grants	HCC	<b>Completed.</b> Biodiversity Grants funding was established and funded by HCC as a three-year scheme to support groups and individuals to achieve indigenous biodiversity outcomes. The scheme closed out in June 2023.
p83	Predator Free Hutt Valley	Residents and private organisations	Under way: There are many local groups involved in reducing pests.
p83	Predator Free Hutt Valley – New 3,000 ha sanctuary	GWRC et al	Under way: An application for seed funding has been endorsed by the Minister of Conservation and has been forwarded on to the Emerging Priorities Fund. The seed funding is to get the project through the design and resource consent stage and to set up a trust to run the project. Note that this involves land owned by GWRC, and HCC is not involved in the sanctuary proposal.
p83	Belmont Wetland Project	GWRC	<b>Completed:</b> A pilot project designed to test the feasibility of constructed wetlands, including riverbank revegetation and stream improvements, was completed.
p83	NUWAO Project	Victoria University	Status unclear.
p83	Petone Dune Restoration	Friends of Petone Beach	Under way: This work is carried out by the Friends of Petone Beach, planting thousands of native plants, and carrying out weeding and litter removal.
p83	Restoring wetlands	Various	Under way: There is work under way at the Waiū Street mountain bike facility, Wainuiomata, by community groups, predominantly the Lower Hutt Branch of the Royal Forest and Bird Protection Society NZ.
<b>LIVING WELL LOCALLY (16 actions)</b>			
p84	RiverLink (by 2027)	HCC, GWRC, Waka Kotahi	Under way: Our Alliance delivery partners, AECOM-Fletcher, were selected in March 2023. The team are working on designs, project planning, programming and costing in order to set a programme and target cost for the implementation phase of the project. This phase will be complete in December 2023, main construction will commence in 2024, and the project is scheduled to be completed in 2027. The project includes a range of changes in the Lower Hutt CBD.
p84	Urban Growth Plan (by 2025)	HCC	Under way: HCC is developing its Coordinated Urban Renewal Programme to take an umbrella view of all the major projects in the Valley, and join up threads for a coordinated approach. It is growing fit-for-purpose governance arrangements, and the tools and capability for coordinated, strategic urban renewal. Citywide and localised spatial planning, which will feed into the Future Development Strategy (led by GWRC), is a key workstream of the programme.

p84	Knights Road Connection Project	HCC	Under way: The trial Knights Road cycle way may now remain in place until July 2028 until the new cycle way is completed on Waterloo Road, subject to Council decisions.
p84	District Plan Change 43 (ongoing)	HCC	Under way: This came into force in March 2020, and now supports the building of medium-density residential areas close to transport, shops and schools.
p85	Community groups (ongoing)	Various	Under way: There are a range of community groups that work across the city and/or advocate to support climate action.
p85	Play in the Hutt (ongoing)	HCC, Kōkiri Marae, Nuku Ora	Under way: HCC has partnered with Kōkiri Marae to deliver Pukutākaro (Play) throughout schools in the city, which was previously delivered by HCC staff. This is a significant shift from “HCC delivering” pre-2022, to HCC enabling”. This work is funded by Nuku Ora, the regional sports trust. HCC is also working to embed Play across Council’s Neighbourhood Hubs.
p85	Council-managed land (ongoing)	HCC	Under way: HCC continues to manage around 3,000 hectares of parks, reserves, bush-clad hills, beaches, walkways, tracks, sports and playgrounds, and around 12,500 street trees, and continually explores improvement opportunities.
p86	Education on impacts of climate change (ongoing)	NIWA	Status unclear.
p86	Wellington Water Flood Maps	WW	Under way: Wellington Water has already developed <a href="#">flood hazard maps</a> for some areas in Lower Hutt and this work continues; these take into account projected climate impacts such as the effects of a higher sea level.
p86	Regional risk assessment for key climate change impacts (by 2023)	All councils in the region	Under way: HCC is collaborating with other councils in the region to develop a Wellington Region Climate Impact Assessment (WRCCIA), to provide a consistent approach to climate change risk assessment across the whole region. This is expected to be completed before the end of 2023. The risk assessment is expected to inform a potential Wellington Regional Climate Change Adaptation Plan. Subject to funding decisions by councils, work on that plan could get underway once the WRCCIA has been completed.
p86	Vertical land movement and sealevel rise research		<b>Completed:</b> In 2022, the SeaRise project made available maps for all of New Zealand that shows how sea-level rise can increase or reduce when taking into account vertical land movements. Further information is available at <a href="https://www.searise.nz/">https://www.searise.nz/</a> .
p87	District Plan Review	HCC	Under way: The District Plan review is accounting for flooding maps and sea-level rise modelling.
p87	Tupua Horo Nuku Eastern Bays Shared Path (sea walls)	HCC, Waka Kotahi, Central Government	Under way: Construction on sections of the project is under way. Development includes replacement sea walls for improved protection from storm events.
p87	Floodplain management plans	GWRC, HCC	Under way: Floodplain management plans are in place for Te Awa Kairangi / Hutt River, a plan is under development for the Waiwhetū Stream.

p87	RiverLink flood protection	HCC, GWRC, Waka Kotahi	Under way: The Alliance delivery partners, AECOM-Fletcher, were selected in March 2023. The team are working on designs, project planning, programming and costing in order to set a programme and target cost for the implementation phase of the project. This phase will be complete in December 2023, main construction will commence in 2024, and the project is scheduled to be complete in 2027. Work includes raising and widening the stop banks and widening the river channel. A new bridge will provide additional flood flow capacity.
p87	Upgrading three waters infrastructure (2021-31)		Under way: This is one of Wellington Water's strategic priorities confirmed by shareholder councils in its Statement of Intent. This includes reducing carbon emissions and adapting to the impacts of climate change. Over the past 18 months, Wellington Water has replaced the Barber Grove to Seaview Treatment Plant main collecting sewer to improve resilience. However, significant challenges remain, including to catch up on maintenance and renewal requirements.