

Te Hui o Te Kaunihera ā-Rohe o Heretaunga

Hastings District Council

Strategy and Policy Committee Meeting

Kaupapataka

Attachments Under Separate Cover – Volume 2

Te Rā Hui:

Meeting date:

Tuesday, 2 November 2021

Te Wā:

Time:

1.00pm

Council Chamber

Ground Floor

Te Wāhi:

Venue: Civic Administration Building

Lyndon Road East

Hastings



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Hastings - Eco District

Te Rautaki Tirohanga Whānui - Strategic Overview

Te Kaupapa - Purpose

This document provides an overview of Council's strategic work that contributes to environmental sustainability. This strategic overview has been developed to contribute to a healthy environment and community.

Hastings District Council established the Eco District Subcommittee in 2019. This document is the **first** Eco District Strategic Overview to be prepared by the Committee. The document is intended to be a **living document** that will keep evolving and remain responsive to new information and changes in central government priorities, whilst providing a solid foundation for Council's future ways of operation. It is recommended that the strategy will be reviewed on an annual basis.

Te Wawata - Our aspiration

To develop a district that plans for a sustainable future, encourages enhancements to its natural and built environment; and importantly too, by partnering with our Tiriti partner represented by a number of mana whenua entities across Hastings district. With time our district will realise the benefits to both, society and the environment from creating and utilising clean energy, lowering greenhouse gas emissions, reducing our ecological footprint, and protecting our landscapes, wetlands and soils.

Ō Tātau Whāinga - Our goals

With the help of key partnerships, Hastings District aims to have a sustainable future and a reduced ecological footprint through effective planning of infrastructure and the protection, maintenance and enhancement of our natural and built environment. To do this we have set ourselves the following key goals, which forms the basis for our priority areas of focus:

- 1. To use our natural resources with respect, wisdom and foresight
- 2. To minimise our carbon footprint and adapt to inevitable climate changes.
- 3. To treasure and nurture our natural environment.
- 4. To model sustainable action and to work with and inspire others.

Te Rautaki Tirohanga Whānui – Strategic Overview

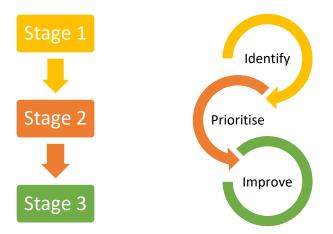
This strategic overview contributes to Council's current (2021-2031) Long Term Plan which identifies the wellbeing of the environment as one of its main priorities and will give effect to district-wide mana whenua strategies and documents as appended to this strategic document. Whilst Eco District is directly linked to our environmental outcomes, it also effects community wellbeing and overlaps with other Council aspirations, which acknowledges that protecting our precious local natural taonga, our waters, land and our wider environment is everyone's responsibility.

There is a mature understanding that our current way of living creates an increasing burden on the planet and that the environmental impacts of our activities are unsustainable and come with severe consequences, because the health of our people is significantly influenced by the health of our environment.

This document is not a regulatory rule based document, but it identifies priorities towards the achievement of long-term goals of sustainability. It therefore contributes to our identity as a district and as individuals in this district who are taking pride and actively participating in preserving and improving the environment by minimising harm.

Me Pēhea rā - How?

For this strategic overview to be successful it will require both-, collective and individual responsibility and action. To deliver this strategic overview a simple three step process will be followed:



For successful outcomes, a partnership approach with early and ongoing engagement between partners is absolutely key. This will then lead to work programme development and coordinated delivery of actions that reflect partnership.



Council needs to take a collective leadership role and demonstrate organisational commitment by being a role model and adopting a significant role in education and communication.

Insert Table of Contents – to be completed

Document will be graphically designed so page number and layout is likely to be impacted.

Mihi

Tēnā koutou kei ngā maunga, kei ngā mana, kei ngā reo. Tēnā hoki tātau e te kāinga o Heretaunga; Heretaunga-ara-rau, Heretaunga-haukū-nui, Heretaunga-hāro-o-te-kāhu, Heretaunga-raorao-haumako, Heretaunga-ringahora, Heretaunga takoto noa, Heretaunga tēnā rā tātau katoa.

Anei mātau ko ngā uri whakaheke o Kahungunu e noho nei hei kaitiaki o ēnei whenua takoto noa. Anei hoki mātau e tuku nei i ngā mihi ki tēnā, ki tēnā kua tau mei nei ki tēnei rautaki e kiia nei ko te Rautaki Tautaiao ā-Rohe o Heretaunga. Mai i te hauruatanga o te rautau tekau mā iwa tae noa ki tēnei wā tonu, Na here iōra ngā ringa hora me tōna reo whakatau tukua ki te marea me te mātinitini.

Ka mau tonu te iwi kāinga ki te reo o maioha i a mātau e whakanui i ngā taonga tuku iho nō te tuawhenua, nō ngā takutai moana arā, ko te oranga, te toitūtanga me te kaitiakitanga o te taiao me te ao tūroa nei; ko te whenua te waiū mō ngā uri whakatipu kei te heke mai.

Kāti rā, koinei tā mātau i raro i ngā manaakitanga o te iwi kāinga o Heretaunga, o Kahungunu, o Te Kaunihera ā-Rohe o Heretaunga. Piki mai rā, kake mai rā, nau mai, haere mai ki te Rautaki Tautaiao ā-Rohe o Heretaunga; mauri ora ki te rangi, mauri ora ki te whenua, mauri ora ki a tātau katoa!

To all peoples, greetings to one, greetings to all. Greetings to those of you too, the community and residents of Heretaunga; Heretaunga and all its beauty and abundance of welcoming, fertile, undulating landscapes, and that we are all caretakers of today, Heretaunga salutes you!

We the people of Ngāti Kahungunu acknowledge you today just as we have done so since the 1850s when our forebears first welcomed new settlers to our lands and in doing so, held true to the values that have passed down to us today through our cultural narratives such as, 'Heretaunga ringahora' - 'Heretaunga of its welcoming arms and hospitality abundant'.

Today, we continue to uphold these values as we aspire to also champion the wellbeing of our natural environment, the land, the waters and all so that its sustainability, wellbeing and enduring nature is there for future generations to cherish and utilise, and in doing so pass on to their successors.

And so welcome once again as we introduce you to this strategic overview with the blessings and support of Heretaunga, of Ngāti Kahungunu and of the Hastings District Council; welcome, welcome, welcome! Embrace this strategic overview, the Hastings District Council Eco District Strategic Overview; may the life force be alive in the skies, on the earth and with us all!

Te Tirohanga Heretaunga 2030 - Vision Hastings District 2030

The Hastings District is at the heart of the Hawkes Bay region. Our role as the economic powerhouse for the region is critical to our future prosperity. Whether that's as the leading food producing hub in New Zealand, with its related downstream manufacturing activity, or as to the industrial and employment hub for the region.

The Hastings district also plays a key role in visitor attraction and cultural fulfilment being the home of the region's outstanding natural areas, recreation and cultural experience opportunities.

Heretaunga sits in the heart of Ngāti Kahungunu gives us our cultural identity as reflected in this cultural narratives captured through the following whakatauākī and which is embedded in our strategic approach:

- Heretaunga-ara-rau a myriad of pathways and opportunities to be seized
- Heretaunga-haukū-nui the life enriching waters that sustain the region
- Heretaunga-hārō-o-te-kāhu our beautiful landscape as seen by hawk
- Heretaunga-raorao-haumako the fertile landscape, which underpins our prosperity
- Heretaunga-ringahora renowned for warm hospitality and open arms
- Heretaunga takoto noa strong leadership and custodianship for the next generation

We enjoy and treasure our great quality of life. It's a great balance that gives us some of the bigger city experience without the hassle and cost.

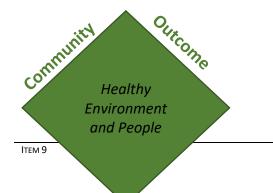
There are however challenges. Hastings District is likely to be a highly desirable place to live for some time and managing how we grow effectively will be important; environmental quality cannot be traded for economic gain. Our economy needs to diversify to shift our reliance on land based production and we need to lead in innovation around the food and beverage sector. Not all of our people are engaged with the economy, living prosperous lives and fulfilling their potential and aspirations. The fruits of this place need to be shared more equitably. Climate change will impact on our community and we need to find the best path to mitigating and adapting to those impacts.

Our vision for the future is captured in this proverb;

Heretaunga Whenua houkura - Fertile land, Heretaunga Hapori Ora - Prosperous people

It represents our fundamentals, the fertile land and life giving waters which support it and the people of this place fulfilling their aspirations and prospering together.

To fulfil the vision, Council has developed four overriding community outcomes. This strategy has been developed to achieve:



This Eco District Strategic Overview is a means to an end – not the end itself. It is a living document and it should be considered in tandem with both the District Development and the Great Communities Strategic Overviews

Ngā Whakaarotau ā Te Kaurihera - Council Priorities

The Council have established the following priorities (LTP 2021-2031) which need to be given effect through this strategic overview:

Ngā Taonga Tuku Iho - Our natural treasures

- Promoting water and energy efficiency
- Enhancing biodiversity
- Sustainable management of natural and physical resources
- Nurturing iconic landscapes
- Managing healthy waterways
- Deliver waste minimisation and resource recovery working towards zero waste

<u>Te Whakahaumakotia tō tātau Kāinga - Enhancing where we live</u>

- Healthy environment to enable healthy, liveable and safe communities to thrive.
- Parks, recreational spaces and reserve upgrades
- Sustainability lens to be applied to any future community development
- Managing urban sprawl onto the productive Heretaunga Plains by a more compact community that is connected by a range of effective transport options
- Encourage more sustainable practices and provide more guidelines whilst building diverse houses for our people

Tō Tātau Kōtuituitanga - Getting around

- Developing sustainable transport alternatives
- Remaining agile, open to new technologies
- Progressing the use of freight hubs including road/rail/port integration to lead towards a more carbon neutral future

Te Mārohirohi Ōhanga - The economic powerhouse

- Embraces technological advances that enable economic growth with an environmental ethos
- Heretaunga continues to be a region that leads in terms of opportunities for employment, recreation, economic growth in a balanced and sustainable way
- Encouraging sustainable practices within new investments and improvements in our district

Ngā Hapori o te Taiwhenua - Rural living

Adaptation of new land use and farming futures (climate change)

Ko Ngā Rangapū ā-Mana Whenua - Mana Whenua Partnerships

Ngāti Kahungunu and its many hapū are tangata whenua and have held mana whenua status across Heretaunga (Hastings District) since the Kahungunu 16th century migration south from the Tūranganui (Gisborne District). Historical events associated with this period resulted in a complex tributary political system of interconnected hapū *kinship groups* and a heritage legacy of more than 1000 years of settlement across Te Matau-a-Māui Hawke's Bay. Mana whenua partnerships today are underpinned by Te Tiriti o Waitangi, the founding document of Aotearoa New Zealand.

Te Kaunihera ā-Rohe o Heretaunga recognise that the Territorial Authority area includes the mandated areas of interest for:

Ngāti Kahungunu Iwi Inc.

Te Taiwhenua o Heretaunga

Te Taiwhenua o Te Whanganui-a-Orotū

Heretaunga-Tamatea Settlement Trust

Mana Ahuriri Trust

Maungaharuru-Tangitū Trust

Ngāti Pāhauwera Development Trust

Ngāti Hineuru Iwi Trust

Takitimu District Māori Council

Mana whenua partnerships and engagement with Council operations are guided by:

Te Kura Nui Māori Relationships Framework

Heretaunga Ringahora Māori Engagement Framework

Heretaunga Ararau Te Reo Māori Policy and Action Plan

Te Aranga Design Principles

HERETAUNGA RINGAHORA MĀORI ENGAGEMENT FRAMEWORK

Te Kaunihera ā-Rohe o Heretaunga mana whenua partnerships are guided by Heretaunga Ringahora that acknowledges that mana whenua have an innate spiritual connection to whenua *land* and their respective landscapes unique to Heretaunga. This acknowledgement frames the Heretaunga cultural lens through which all things Māori are viewed and worked through alongside Council policies, procedures and legislation. Heretaunga Ringahora becomes the kahu *(cloak)* that embraces and guides Council to an understanding of local hapū aspirations for achieving positive economic, social, environmental and cultural outcomes.

Heretaunga Ringahora also lays the foundation for positive and genuine partnerships to flourish and thrive as we continue to embrace and uphold the articles of Te Tiriti o Waitangi.

Council recognises the unique relationship mana whenua have with the environment and their role as kaitaiki. We also value the holistic approach of a Māori world view that considers the relationship between the wellbeing of people and the wellbeing of the environment as one.

Heretaunga Takoto Noa - Hastings District in a nutshell

A snapshot of the Councils State of Environment Report 2019 (currently in draft form)

Key Symbolising the Stat of the Resource









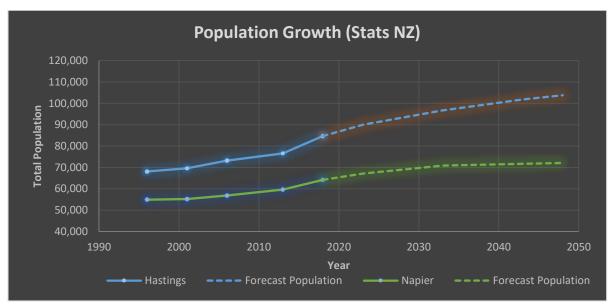
State of the Environment Issue	Overall State 2009-2014	Overall State 2015-2019	Summary		
SUSTAINABLE	LAND USE				
Land Use	BASELINE	STEADY	The district's land cover is divided as follows: 93% grassland/vegetation cover, 4% crops/orchards/vineyard cover, 1% built up urban land cover. The Rural Zone makes up 93% of the District, the Plains Zone ~6%, and urban zones make up ~1%.		
Sustainable Urban Development	SASELINE	STEADY	Demand for new dwellings remained consistent with dwelling numbers averaging 232.2 per year. This is higher compared with the previous reporting period. Infill subdivision accounted for 35.95% of all lots created in 2015-2019, compared with 37% during the previous reporting period.		
Protection of Versatile Soils	STEADY	STEADY	Approximately 13% of the District is Class I, II and III soils.		
AMENITY, CHA	ARACTER & HERI	TAGE MANAGEM	IENT		
Residential Amenity	OF THE REAL PROPERTY OF THE PR	STEAD	The top 3 non-residential activities in residential zones were educational facilities, commercial activities and other unclassified activities.		
Coastal Amenity	STEADY	STEADY	Apart from the East Road development in Haumoana, there has been little development within other coastal settlements as there was a total of six new lots. Half of the new lots were created in Whirinaki and Waipatiki.		
Natural Heritage/ Landscape Character	G _{ASELINE}	STEADY	3.4% of Hastings District contains a significant landscape character area or outstanding natural feature. 1.6% of total land in the District contains an identified area of significant indigenous vegetation or significant habitats of indigenous fauna.		
Cultural & Historic Heritage	Ø _{4SELIN} E	CRANNIG BETTE	There are 148 outstanding trees, 94 heritage items, 3 heritage areas, 93 wāhi taonga sites and 1,204 archaeological sites identified in the District Plan.		
SUSTAINABLE	SUSTAINABLE INFRASTRUCURE				
Water Management	STEADY	STEADY	The District has a consent for 928,470m³ of water in any 7-day average for public water supply. Our domestic water consumption has decreased from 440 litres per day in 2008 to about 380 litres per person per day. Commercial and industrial consumption is also relatively stable about 1,600,000 cubic litres per year.		

State of the Environment Issue	Overall State 2009-2014	Overall State 2015-2019	Summary	
Waste Water Treatment			The District holds two consents for wastewater treatment and discharge – at East Clive and Waipatiki. Discharges from East Clive total an annual daily average of 53,000m ³ and are well within environmental standards.	
	MINNG BETTE	STEADY	95% of the 72% residents connect to the District's sewage system are satisfied with their sewerage system (note: 5% of survey respondents were not very satisfied with the District's system.).	
Trade Waste Disposal	COTTING BETTE	STEADY	There are 30 industries connected to the separated trade waste system. Between 2015/19, there has been five warning notices for non-compliance issued each year.	
HAZARD MAN	AGEMENT	,		
Natural Hazards	STEADY	STEADY	The District experiences major storm events and flooding, coastal erosion and inundation, and rural wildfires.	
Hazardous Substances	STEADY	CRITING BETTE	The average reported incidents occurring per year involving hazardous substances responses were consistent with an average of 13.75 responses per year.	
SUSTAINABLE	WASTE MANAG	EMENT		
Solid Waste			Solid waste is disposed of to the Omarunui Landfill, serving both Napier and Hastings districts.	
	CRITING BETTE	STEADY	STEADY	Waste volumes to Omarunui Landfill fluctuated over the reporting period and this is indicative of economic prosperity in the region and changes to legislation.
			A 2016 report identified that approximately 15% of waste being disposed of at Omarunui Landfill was recyclable and 34% was compostable. In total, 49% of the waste could have been diverted from landfill disposal.	
Hazardous Waste	SASELINE	STEADY	There is an annual collection service for residents to drop off household hazardous wastes (known as HazMobile). HazMobile volumes peaked in 2006 when 27 tonnes were collected across the Hawke's Bay Region. Since 2007, the volume of hazardous waste collected by HazMobile has fluctuated between 14-25 tonnes.	

Our district encompasses 522,657 hectares (5,226 km²) of very unique land with a population of 81,537 (Stats NZ 2018). The Hastings District has experienced steady growth in the last 25 years. In this time the district's population has grown by close to 20,000. Continued growth will create further pressure on our environment, resources and infrastructure. Competing priorities have became the normality. Quantity and quality issues need to be carefully balanced.

The Heretaunga Plains contains some of the most fertile and productive agricultural and horticultural soil in New Zealand. The aquifer system beneath the Heretaunga Plains is the main groundwater resource for the Heretaunga Plains, Hastings and Napier communities. The local economy is highly dependent on land based primary production. Viticulture, horticulture, agriculture land uses and associated businesses such as processing and commercial services, including the commercial visitors industry are the backbone of the local economy.

Population projection numbers (courtesy of Statistics NZ) predict that by 2033 our district will surpass 95,000 residents and by 2048 we are forecasted to reach approximately 103,800. This forecasted population growth could have a significant effect on our local environment.



Stats NZ, Subnational Population Projection Medium Value, https://www.stats.govt.nz/information-releases/subnational-population-projections-2018base2048. National population projections: 2020(base) – 2073

Looking at the future, greenfield residential growth areas have been identified as an approximate 367 hectares for the 2015-2045 period of the Heretaunga Plains Urban Development (2017) study, whilst industrial area growth is signalled to be 105 hectares by 2031.

Urban Area Growth 1969 -2020				
Urban Growth 1969 -2020	Urban Land in 1969 (Ha)	Urban Land 1969- 2020 (Ha)	Increase in last 50 years (%)	
Clive &				
Whakatu	65	35	54 %	
Flaxmere	39	355	910 %	
Hastings	1298	145	11 %	
Havelock North	485	367	76 %	
Haumoana Te/Awanga	34	70	206 %	
Total Area (Ha)	1921	972	51 %	

Industrial Area Growth 1969 -2020					
Industrial Growth 1969 -2020	Industrial Land 1969 (Ha)	Industrial Land 1969- 2020 (Ha)	Increase in last 50 years (%)		
Irongate	0	121	N/A		
Ōmāhu					
Industrial	45	193	429 %		
Hastings					
Industrial	94	0	0%		
Tōmoana	0	32	N/A		
Whakatū	26	171	658 %		
Total Area					
(Ha)	166	516	311 %		

The ongoing monitoring of land use to the current HPUDS strategy and the future regional spatial plan will be critical to ensure Council is able to manage the potential effects on the environment.

NGĀ WĀHI WHAKAAROTAU - PRIORITY AREAS OF FOCUS

The Healthy Environment and People outcome has four priority areas of Council focus as follows:

TE WHAKAAAROTAU 1: Whakamahia paitia ngā taonga Wai me ngā taonga Whenua **PRIORITY 1:** Water and Land resources used wisely

TE WHAKAAAROTAU 2: He papai rawa atu te āhuarangi me te heke mai waro **PRIORITY 2**: A better climate and carbon future

TE WHAKAAAROTAU 3: Ka whakareia, ka whakamarumarutia anōtia te taiao **PRIORITY 3:** The natural environment is enhanced and protected

TE WHAKAAAROTAU 4: He kākāriki, e ora hoki ai i ngā Rātonga ā-Kaunihera **PRIORITY 4**: Council services are green and healthy

NGA WHAKAAROTAU – PRIORITIES

TE WHAKATAAROTAU 1: Whakamahia paitiai ngā taonga Wai me ngā taonga Whenua **PRIORITY 1:** Water and Land resources used wisely

Water and Land Resources – Context

Our climate is getting warmer¹, placing increasing pressure on our already substantial and growing demand for water. This combined with a greater understanding around the limited availability of water as well as better manage water allocation, creates an enormous challenge for accommodating and supporting community wellbeing and growth.

Like water, there is increasing pressure on our soils and land due to competing demands for a wide mix of activities.

Water and Land Resources – HDC Position

The Council supports the preserving (and nurturing back to health) of our precious Taonga, the life giving elements of Hawkes Bay, both the land and water. This needs to happen in a way that supports our growing community and its economic wellbeing; through greater efficiency of use, prioritised and equitable allocation, sustainable methods of augmentation underpinned by integrated spatial and catchment planning.

Water Actions

Lead Agency	Action	Timeline
NKII	Working with NKII to identify strategic alignments	Ongoing
HBRC & HDC	Joint working group with HBRC and HDC to develop shared initiatives	Ongoing
HDC	Additional water metering to improve understanding and inform investments; • Smart Meter Trials • Review Maintenance response • Additional network monitoring	Dec 2022
DIA, HB Councils, HDC	Three waters service delivery reform	July 2024
HDC & HBRC & NCC	Water use education	Ongoing
HBRC & HDC	Drinking Water Source Protection	Ongoing
HDC	Renewing global urban storm water consent	2022
MfE	National Environmental Drinking Standard	2022
HBRC	Groundwater flow modelling	February 2023

¹ https://environment.govt.nz/facts-and-science/climate-change/evidence-of-climate-change/#its-getting-hotter-in-new-zealand-and-around-the-world

HDC	Review key learnings and update future action plans	2023
HDC	Additional resource focused on water and climate	2023
	adaption	

Key Success Measures

- Improved understanding around water
- Water loss reduction (reducing trend)
- Improved quality of local water catchments
- HDC is compliant with HBRC, Taumata Arowai, and other agency guidelines

Land Resources Actions

Lead Agency	Action	Timeline
NKII	Working with NKII to identify strategic alignments	Ongoing
HBRC & HDC	Joint working group with HBRC and HDC to develop	Ongoing
	shared initiatives	
HDC	Medium Density Housing Strategy - Implementation	Ongoing
Cabinet &	Final decision on NPS – HPL	2021
Ministers		
HBRC & HDC &	Regional Spatial Plan as required by the Strategic	2022 - 2024
NCC	Planning Act (including HPUD Review)	
HDC	State of Environment Report	2021
MfE	RMA Review	2022
HDC	Wider utilisation of Procurement guide to reducing	ongoing
	carbon emission in building	
HDC & HBRC	Clifton to Tangoio Coastal Hazard Strategy consultation	2022

Key Success Measures

- Developing the future spatial plan that will then become operationalised.
- Monitor against spatial plan (HPUDS active until Spatial Plan adopted)
- Increasing proportion of medium density housing
- Improved understanding and informed decision making in regards to the use of the fertile soils across the District

Climate and Carbon - Context

TE WHAKATAAROTAU 2: He papai rawa atu te āhuarangi me te heke mai waro **PRIORITY 2**: A better climate and carbon future

Climate and Carbon – HDC Position

a negative effect on our climate that presents increasing and ongoing challenges for human habitation as well as the natural environment. This manifest through rising temperatures, more frequent and severe droughts, increased storm events and rising sea levels.

The Council acknowledges that a certain level of climate change is now locked in and we will need to support our communities to adapt to the changes that will bring, while striving to mitigate against even greater changes by modelling and leading a community based transition to a low carbon future.

Actions

Lead Agency	Action	Timeline
NKII	Working with NKII to identify strategic alignments	Ongoing
HBRC & HDC	Joint working group with HBRC and HDC to develop	Ongoing
	shared initiatives	
HDC	Measure Council's carbon footprint	2021/2022
HDC	Energy Audit for Council	2021/2022
HDC	Develop Climate Change Action Plan for Council	2022 - 2023
HBRC & HDC	Deliver transport initiatives	2022/2023
HBRC & HDC	Collaborate with HBRC to measure the Councils carbon	TBC
	footprint	
HDC	Additional resource focused on water and climate	2023
	adaption	

Key Success Measures

- To have more information for greater understanding and baselining.
- Give effect to relevant government policies implementation & enforcement
- Active Transport Strategy implemented
- Operate an efficient vehicle fleet (electric/hybrid)
- Facilitate and collaborate with other agencies to enable alternative transport options within our region
- Community is more informed, aware and responsive of climate change

Natural Environment - Context

TE WHAKATAAROTAU 3: Ka whakareia, ka whakamarumarutia anōtia te taiao **PRIORITY 3:** The natural environment is enhanced and protected

This priority speaks to the natural values and the protection and enhancement of our Mahinga Kai and iconic landscapes that we all enjoy as a community. Healthy and swimmable waterways, strong eco systems, outstanding recreational space and the protection and enhancement of our iconic landscapes.

Biodiversity in particular, is essential for all life as it gives greater resilience to ecosystems,

Natural Environment – HDC Position

have always depended upon. In Hawke's Bay we've lost a lot of biodiversity, particularly indigenous vegetation and wetlands, and a lot of our natural taonga are still under threat.

The Council seeks to protect the values and quality of our natural environment along with the remaining cradles of biodiversity through its District Plan and direct action. We will regenerate, repatriate, re-establish, and re-create greater biological diversity by working with others and focussing on the open spaces Council owns and manages on behalf of the community.

Actions

Lead Agency	Action	Timeline
NKII	Working with NKII to identify strategic alignments	Ongoing
HBRC & HDC	Joint working group with HBRC and HDC to develop shared initiatives	Ongoing
HDC	Review of Reserve Strategy	2021 - 2022
HDC	Reserve Enhancement Programme for identified reserves	Ongoing
HDC	Reserve Management Plans	As per LTP programme
HDC	Prepare Hastings Green Streets	Ongoing
HDC	Comply with the National Policy Statement on Indigenous Biodiversity	TBC

Key Success Measures

- All significant National areas in the district are identified
- Development and population of mahinga kai (waahi taonga) register.
- Recommended Areas for Protection (RAP) identified
- Increase road reserve planting
- Targets in the reserve strategy are met
- Increase in number of native plantings in council reserves

TE WHAKATAAROTAU 4: He kākāriki, e ora hoki ai i ngā Rātonga ā-Kaunihera **PRIORITY 4**: Council services are green and healthy

Clean and Green Council Services - Context

Making sure all Council owned facilities and projects are in line with council strategies and policies/plans for sustainability and climate change plans is in itself a challenge, as it requires changing existing practices, infrastructure, plant and equipment as well as community expectations and the capability and awareness of staff and governors alike.

Clean and Green Council Services – HDC Position

The Council wants to lead by example by building capability and processes that ensure environmental sustainably, climate change mitigation and climate change adaptation are at the forefront of decision making and actions we take on behalf of the community. This will include changing existing practices along with measuring, monitoring, reporting and holding ourselves to account for our progress and achieving our environmental goals.

Wasting less as a community

"Most of the things we do, buy and consume generate some form of waste. If not managed properly, it can have a negative impact on people's wellbeing and the health of the environment".

Actions

Lead Agency	Action	Timeline
HDC & NCC	20% total tonnage increase in common recyclables diverted from Ōmarunui	2024
HDC & NCC	30% total tonnage <u>decrease</u> in organics to Ōmarunui Landfill	2024
HDC	Develop further community education and engagement strategy. Continuous learning and education/awareness programmes	ongoing
HDC	Engage ToiTu Envirocare to measure, reduce and offset our emissions and achieve globally recognised certification status	2021/2022
HDC	Undertake energy audit and create an 'energy plan' for our organisation	2021/2022
HDC	Seek out funding opportunities that enables a 'greener' organisation	ongoing
HDC	Establish and further advance collaboration and partnership opportunities	Ongoing
HDC	Sustainability aspects to be 'operationalised' within the organisation (from project planning to execution)	Ongoing

Key Success Measures

- Increase in common recyclables diverted from Ōmarunui Landfill
- Decrease in organics to Ōmarunui Landfill
- Integrate sustainable guidelines into Councils procurement policy and decisions
- Sustainability aspects are taken into account at the conception of projects
- Measure and maintain Council's carbon footprint to create a baseline from which future progress can be monitored
- Measure and monitor Council's energy use
- Community is more informed, aware and responsive of climate change

What Else You Need To Know – Important Context

This section gathers together important information to understand the context for the Councils objective and positions for each of the priority focus areas.

All the four priority areas will focus on working with NKII to identify strategic alignments as well as form a joint working group with HBRC (and HDC) to develop shared initiatives.

NGA WHAKAAROTAU – PRIORITIES

TE WHAKAAAROTAU 1: E whakamahia paitiai ngā taonga Wai me ngā taonga Whenua **PRIORITY 1:** Water and Land resources used wisely

Freshwater is Hawke's Bay most precious and valuable resource

In many regions around the world, changing precipitation and melting snow and ice are altering hydrological systems, affecting water resources in terms of quantity and quality. Globally major future rural impacts are expected in the near-term and beyond through impacts on water availability and supply, food security, and agricultural incomes, including shifts in production areas of food and non-food crops across the world.

National Context

National Policy Statement for Freshwater Management (NPS – FM)

The fundamental concept that the National Policy Statement for Freshwater Management 2020 (NPS-FM) is based upon is Te Mana o te Wai (see appendices). Te Mana O Te Wai refers to "the fundamental importance of water and recognises that protecting the health of freshwater protects the health and wellbeing of the wider environment. Te Mana o te Wai is about restoring and preserving the balance between the water, the wider environment and the community.

The objective of this National Policy Statement is to ensure that natural and physical resources are managed in a way that prioritises:

- (a) the health and the well-being of water bodies and freshwater ecosystems
- (b) the health needs of people, such as drinking water
- (c) the ability of people and communities to provide for their social, economic, and cultural well —being, now and in the future

The integrated management of water is guided by a list of (15) policies within the NPS-FM.

Three Waters Reform Programme

In July 2020, the Government launched the Three Waters Reform Programme – a three year programme to reform local government water services. Currently 67 councils own and operate the majority of the drinking water, wastewater and storm water services across New Zealand. The Government's intention is to reform local government's three water services into a small number of multi-regional entities with a bottom line of public ownership.

Council has signed a memorandum of understanding to partake in the exploration of future service delivery options. A regional review also explored future service delivery options locally.

The National reform has created a new regulator (Taumata Arowai) and new legislation (the Water Services Act 2021) which will create new obligations on Council, the Regional Council, and the wider community.

The future involvement in the three waters remains uncertain with the Three water service delivery reform agenda of government still ongoing, the outcome of this could change Councils role in the delivery and responsibilities for the three water services. The Hawkes Bay Councils have proposed further work on a Hawkes Bay Model as an alternative to the Government 4 multi regional entity proposal.

NOTE – to update post announcement on 27/10

Ngāti Kahungunu

Insert paragraph / key principles from Ngaruroro Strategic document produced by NKII — awaiting document to take quotes/key principles from

Regional Context

Managing water quality and quantity is one of the most important priorities of Hawke's Bay Regional Council. Water is critical for urban communities, primary production, processing, industrial use and farm management and demand is outstripping supply. The focus needs to be put on adaptation planning and importantly prioritized implementation.

Regional Water Security Programme

The Regional Water Security Programme is giving effect to national body of works in relation to National Policy Statement on Fresh Water and aiming to make sure Hawke's Bay has long-term, climate resilient secure supplies of freshwater for all. In 2020 the Government's Provincial Growth Fund (PGF) allocated \$30.6 million for a package of **4** regional freshwater security initiatives.

1. Regional Freshwater Assessment

This assessment will for the first time, provide a comprehensive analysis of our freshwater, including the growing gap between how much we want and how much we have. The assessment will consider freshwater requirements of tangata whenua and provide engagement opportunities for the community to contribute to long term freshwater management planning. The assessment looks at a range of options to ensure supplies, including water storage, conservation, and more efficient use of water and land use practices.

2. Heretaunga Water Storage

PGF funding was granted to accelerate the investigation of water storage development in the Heretaunga region for environmental, productive and municipal purposes. The initial focus is on expanding the existing water storage scheme on private land at Te Tua Station. The Te Tua water storage facility is an option that can significantly improve environmental conditions in lowland streams relatively quickly. Council notes that there are concerns from Ngāti Kahungunu and partners in regards to aspects of this.

3. Managed Aquifer Recharge (MAR)

Aquifers are recharged every day from rainfall, rivers, unlined water races and canals and irrigation activities. MAR is a set of physical tools that enables the capture of high quality water from rivers and streams during high winter flows and use it to purposefully recharge aquifers, complementing the natural recharge processes. It is a proven technique that is utilised in other parts of the world. Council notes that there are concerns from Ngāti Kahungunu and partners in regards to this initiative.

4. 3D Aquifer Mapping Project

The latest airborne electromagnetic survey technology enables an insight to see deep underground and get a picture of the aquifers down to 300m depth. The information gained from this project will help better understand the aquifers and groundwater and to assist in the protection and management of this resource for future generations.

TANK

TANK was set up to improve water quality, set fair rules to use and allocate water in the Tūtaekurī, Ahuriri, Ngaruroro and Karamū (TANK) catchments.

The TANK plan proposes a package of objectives, policies and rules to apply to the use of land and water in the TANK catchments. The plan change seeks to deliver sustainable outcomes through a management framework that contributes to the region's economic growth and environmental integrity, while providing for the values identified by the community. Importantly, mana whenua play a critical role in this process where tikanga Māori and te ao Māori aspirations, through partners engaging with one another, are significant to notions of partnership reflected across economic growth and environmental integrity.

HDC Context

Better management of the three waters for our community is vital. It is the health of the myriad of waterways and the safeguarding of our drinking water supply to ensure quality and quantity that can support necessary growth as well as it can lead to a supply. Mitigating the effects of urban storm water and investigating future best practice options for reducing the impact of wastewater discharge is crucial to reduce environmental impacts.

Water Conservation Demand Management Strategy

The HDC Water Conservation Demand Management Strategy (WCDMS) outlines Council's commitment to a range of measures that will help achieve sustainable and efficient use of water and thereby minimise the environmental effects of abstraction on surface and groundwater resources. Protecting the health of freshwater protects the health and wellbeing of the wider environment. This strategy focuses on prudent operational and maintenance best pratice across the networks as well as awareness and education programmes. WCDMS has been prepared to act as an overarching strategy for all HDC water supplies.

Councils latest estimate of water loss in the drinking water system (public and private) is approximately 30%. The drinking water strategy proposes pressure reduction once the asset enhancements are completed. The pressure reduction will reduce the current estimated losses by 5-10%. Given the shortage of consentable water and the Councils additional housing demands council will need to take further actions to reduce the loss of water. A key first step will be to increase the confidence in the measured usage and estimated losses by increasing the sample size from the current 2% households to 15-20% of households with active monitoring, along with additional sub network monitoring. This will help highlight areas of higher use, be it in Councils system or within private properties.

The Parks Irrigation Efficiency Project is an example of how Council can sustainability manage our water use. The automated pop up watering systems deliver water more effectively and efficiently by allowing night time use which in turn reduces water usage by up to 90%.

Drinking Water Strategy

Providing safe drinking water is Council's number one priority. Access to information relating to sustainable groundwater abstraction rates and stream depletion effects from groundwater abstraction across the Heretaunga Plains. This means that Council needs to ensure that it has adequate water to meet the current and future demands of the community, water is used efficiently while also ensuring that its abstractions are within sustainable allocation limits and are not having an adverse environmental effect.

This strategy details projections on how much water is needed, what is the best possible source of the water as well as looking at how the safe drinking water is efficiently distributed.

HDC Consents Review

Council has two major consents due for review / replacement;

- Wastewater Consent expires in 2048. Its first 9 year period will occur in 2022.
- Global storm water consent for main urban areas needs to be replaced in 2022.

Best use of land resources

National Context

National Policy Statement on Urban Development (NPS-UD)

Both the National Policy Statement on Urban Development (NPS-UD) and the National Policy Statement on Highly Valuable Land (HPS-HPL) aims to provide guidelines around urban development and effective management of highly productive land.

The National Policy Statement on Urban Development 2020 (NPS-UD) is about ensuring New Zealand's towns and cities are well functioning urban environments that meet the changing needs of our diverse communities. It removes overly restrictive barriers to development to allow growth 'up' and 'out' in locations that have good access to existing services, public transport networks and infrastructure.

NPS-UD is set out to improve how our cities respond to growth to enable improved housing affordability and community wellbeing.

Proposed National Policy Statement on Highly Productive Land (NPS-HPL)

The National Policy Statement on Highly Productive Land (NPS-HPL) which is in draft format and yet to be gazetted recognises that our land is a precious Taonga, an irreplaceable treasure and source of life and wellness for our country. Our economy depends on our land our history and culture are tied to it. The land that is highly productive for primary production is classified by the Land Use Capability (LUC). Versatile soils are classified as Land Use Capability 1, 2, or 3e. Land that has class 1 rating under the LUC system is the most versatile and has the fewest limitation of use. Versatile soils are rare in NZ accounting for only 5.5% of the total.

The value of this land for primary production is often given inadequate consideration with more weight generally given to other matters and priorities. The NPS-HPL proposes that local authorities will be required to consider the availability of highly productive land within their region or district for primary production now and for future generations. NPS will encourage local authorities to be more future focused about planning how and where development should occur and identify 'no go' areas where development should not occur.

Procurement guide to reducing carbon emission in building and construction

Government has signalled a clear commitment to reduce carbon emissions and have proposed changes to the regulatory framework in the building and construction sector. The building and construction sector is a large contributor to emissions from producing materials, constructing buildings, energy used in buildings and must play a major part if New Zealand is to reach its climate change goals, including Net Zero Carbon by 2050. ²

The recently published Ministry of Business, Innovation and Employment procurement guide intended to help people involved in the procurement and construction projects to understand how they can influence change in reducing carbon emissions. This guide is a first step towards supporting government agencies to lead the way in reducing carbon emissions generated by the construction of new government buildings.

Resource Management Act Reform

The Government is proposing a repeal of the RMA and replacing it with 3 pieces of new legislation; outlined below. It is intended that the subcommittee process for each bill will take place in 2022 and that they will be passed into law before the end of 2022.

Natural and Built Environment Act

This is the main piece of legislation to replace the RMA. The purpose of this Act will be to enhance the quality of the environment by means of the National Planning Framework and Natural Built Environment Plans prescribing environmental limits, to support the wellbeing of present and future generations. It has more of an emphasis of protecting and where necessary restoring the natural environment and is outcomes focussed. It requires the principles of Te Tiriti o Waitangi to be "given effect to" rather than "take into account" under the current legislation. The Natural and Built Environment Act would significantly rationalise the number of regional and district plans from over 100 to around 14 – one for each region.

Strategic Planning Act

This Act provides a strategic and long-term approach to how we plan for using land and the coastal marine area. Long-term spatial strategies in each region would apply a 30 year horizon and identify areas that: will be suitable for development; need to be protected or improved; will need new infrastructure and other social needs and are vulnerable to climate change effects and natural hazards.

Climate Change Adaptation Act

This Act will support New Zealand's response to the effects of climate change. It will address the complex legal and technical issues associated with managed retreat and funding and financing adaptation.

<u>Implications for the Hastings District Council</u>

There is no express intention that the RMA reforms will lead to any structural change of local government. However, streamlining of regional and district planning documents under the RMA to just one for the Hawke's Bay region will have implications for the roles that Council

² https://www.procurement.govt.nz/about-us/news/new-guide-to-reducing-carbon-emissions-in-construction/

currently have. Once the draft bills have been released further implications will be identified. Council may wish to make a submission on the proposed bills once they have been developed.

Regional and HDC Context

Heretaunga Plains Urban Development Strategy (HPUDS)

The Heretaunga Plains Urban Development Strategy 2017 (HPUDS) outlines our future intentions in respect of urban growth and is underpinned by the principle of protecting our valuable soils. HPUDS takes a long term view of land use and infrastructure and it is regularly reviewed. A key pillar within the strategy is the transition to a more intensive housing model if we are to effectively balance the desire for growth with the protection of our natural resources.

Hastings Medium Density Housing Strategy

Complementing the intentions of HPUDS the Medium Density Housing Strategy promotes ways to increase housing density. The challenge and critical task ahead is to turn this strategy and implementation plan into effective action.

Spatial Planning – Heretaunga 2050

Spatial planning is strongly advocated by the current government through the proposed Strategic Planning Act with the commitment of resources and funding for agreed joint spatial plan initiatives. The role of spatial planning is important for joined up thinking, planning, policy implementation and funding across administrative boundaries and multiple agencies. It will assist in providing greater clarity in the strategic direction communities and agencies wish to take over the longer term (30 - 50 year timeframe).

State of the Environment

Council's State of Environment Report (2019) is a snapshot of environmental conditions and the interactions between people and the environment is currently in development and due to be completed by 2021. This report covers a wide range of content such as; sustainable land use, air and water sustainability, amenity, character and heritage management, sustainable infrastructure, hazard management, sustainable waste management.

Climate and Carbon

TE WHAKAAAROTAU 2: He papai rawa atu te āhuarangi me te heke mai waro **PRIORITY 2**: A better climate and carbon future

National and Regional Context

The most significant environmental challenge facing the world is climate change and the biggest challenge is mitigation and adaptation. Climate change will impact the economy, and the health and wellbeing of all communities. Based on the latest climate change projections for New Zealand, by the end of this century we are likely to experience: higher temperatures; rising sea levels; more frequent extreme weather events – including droughts and floods and a change in rainfall patterns.³

Projections for Hawke's Bay are consistent with the national situation with changes to climate already happening and the rate of future change dependent on how fast greenhouse gases increase. Key predictions for the region include:

- Annual average minimum temperatures are expected to increase⁴
- The number of frost days are expected to decrease over time
- The average number of heatwave days per year is expected to increase
- Extreme, rare rainfall events are projected to become more severe in the future
- Drought potential is projected to increase
- Rising sea level
- Water availability decreases in annual average discharge and mean annual flows are predicted to decrease for most catchments.⁵

For our Hastings District, the impacts of these climate changes will be felt by all of our community regardless of whether they live in a rural, urban or coastal area. Heat stress, extreme precipitation, inland and coastal flooding, landslides, air pollution, drought, and water scarcity pose risks for people, assets, economies, and ecosystems.

All coastal hazards, and their severity, will be influenced by climate change and the effects have significant implications for our coastal environments and the communities. Ongoing sealevel rise is also likely to increase exposure of infrastructure and cause habitat loss in coastal areas.

Changing climate, including warmer temperatures, increased droughts and more intensive, frequent and damaging rainfall events, poses a substantial risk to our land assets, and effects food production and rural communities. Future reductions in rainfall and increases in drought severity may cause fire risk to increase, affecting forestry, the natural environment, and the tourism sector.

³ Ministry for the Environment

 $^{^4}$ By 0.5 – 1.0 degrees C. by 2040. By 2090, minimum temperatures at most locations are projected to increase by 0.5-1.0 degrees C. (medium pathway) or 1.5 – 2.5 degrees C (high pathway)

⁵ Climate Change Projections and Impacts for Tairawhiti and Hawke's Bay – Prepared by NIWA for the Gisborne District Council and the Hawke's Bay Regional Council

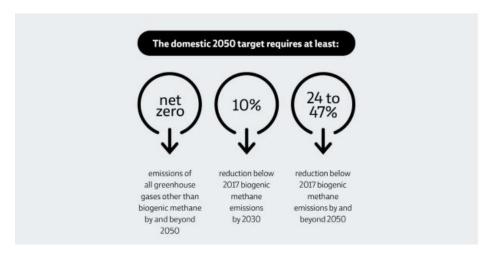
In our urban areas infrastructure and urban form are strongly interlinked, and lock in patterns of land use, transport choice, housing, and behavior that impact on greenhouse gas emissions.

The Climate Change Commission's Final Report

The Climate Change Commission has provided advice to Government⁶ on its first three emission budgets and directions for its reduction plan 2022-2025. The report clearly outlines that "the time is now" to transition to a thriving, climate resilient and low emission Aotearoa.

There are technically achievable, economically affordable and socially acceptable pathways for Aotearoa to take to achieve a climate-resilient and low emissions future. While there are some differences in opinion on which of these paths Aotearoa should take, the work of He Pou a Rangi the Climate Change Commission shows there is consensus on the end goal, as well as the need, and the urgency, for action.

Our obligations under the Climate Change Response Act



The Commission has recommended a number of critical actions to be undertaken by Government in the following sectors:

- Transport
- Energy, Industry and Buildings
- Land (Agriculture and Forestry)
- Waste

Local Government's context in relation to climate change policy;

⁶ https://ccc-production-media.s3.ap-southeast-2.amazonaws.com/public/Inaia-tonu-nei-a-low-emissions-future-for-Aotearoa/Inaia-tonu-nei-a-low-emissions-future-for-Aotearoa.pdf



The Government's Climate Change Response

The Government's Climate Change Response

The New Zealand Government has a climate change programme of work that is aimed at reducing New Zealand greenhouse gas emissions.⁷ Key aspects of this work include:

- National climate change risks assessment for New Zealand gives a national picture of how
 we may be affected by climate change related hazards and identifies the most significant
 risks and opportunities for New Zealand.
- A National Adaptation Plan will address the most significant risks identified by the risk assessment. The Government will be working with key stakeholders including local government with respect to the development of this plan.
- The *Emissions Reductions Plan* will describe how New Zealand will meet its emissions budgets and make progress towards meeting the 2050 target.
- The New Zealand Emissions Trading Scheme is Government's key policy tool for reducing emissions and meeting New Zealand's emission targets and future emissions targets.

Council will need to keep abreast of national climate change developments as it is likely that there will be future implications for local government. For example, the National Adaptation Plan, yet to be fully developed may require the development of local climate change risk assessments and local Adaptation Plans. If this was a future requirement it would likely be targeted at the regional level.

Regional Climate Change Response

HBRC declared a climate change emergency in June 2019 accepting local and international science that there is a small window of time to act to avoid the most damaging long term effects of the climate crisis. HBRC has set the goal for the region to be carbon neutral by 2050.

HBRC is currently undertaking a wide range of actions through their current work;

- Public Transport & Cycling
- Sustainable Homes
- Flood protection & Erosion Control Scheme
- Climate Action Hawkes Bay & Biodiversity

⁷ The full programme of work can be found on the Ministry for the Environment website https://www.mfe.govt.nz/climate-change/climate-change-and-government/climate-change-programme https://ccc-production-media.s3.ap-southeast-2.amazonaws.com/public/Inaia-tonu-nei-a-low-emissions-future-for-Aotearoa/Inaia-tonu-nei-a-low-emissions-future-for-Aotearoa.pdf

- Environmental monitoring
- Education

HBRC's Climate Crisis Survey 2020 investigated Hawke's Bay residents' attitudes towards the environment especially relating to climate change. The majority (90%) believes that climate change is already occurring and 55% of the residents are prepared to pay more to combat impacts of climate change. The main perceived sources of negative impact on climate change were linked to population growth and waste, energy and transport, and the various industrial processes. The respondents of the survey believe that climate change in Hawke's Bay could lead to extreme weather events such as droughts which have a flow on effect on crop production and water storage to name a few. Other top challenges identified in the survey include economy and drinking water.

Council Climate Change Response

Local Government also has responsibilities under the Resource Management Act to prepare and respond to the impacts of climate change.

Council can respond to climate change in three key ways:

Mitigation

Adaptation

Leadership

Key responses that have the effect of lessening greenhouse gases and the impact on climate change include:

- Coastal hazards and their severity, will be influenced by climate change which will bring increased storminess and sea-level rise. The Clifton to Tangoio Coastal Hazards Strategy is being developed in response to the New Zealand Coastal Policy Statement which requires Local Authorities to consider and plan for coastal hazards (including tsunami); taking a 100 year view. It is a joint strategy being developed by the Hastings District Council, Hawke's Bay Regional Council, Napier City Council and groups representing mana whenua and tangata whenua.
- The Heretaunga Plains Urban Design Strategy (HPUDS) was a significant step toward achieving climate change mitigation goals locally. HPUDS seeks to minimise energy usage in transportation and to encourage efficient use of current infrastructure. HPUDS also sends a clear message about the importance of the productive land values associated with the Heretaunga Plains and the need to protect versatile soils from on-going urban development.
- The Medium Density Housing Strategy has been adopted by Council and the second generation District Plan includes provisions to encourage more intensive development, subject to amenity controls. The challenge and critical task ahead is to turn this strategy into an effective implementation plan.

- Sustainable subdivision and building design that maximises the use of solar energy and minimises water use, together with construction processes and technologies that minimise waste and maximise the use of natural products, can both help mitigate against climate change and increase resilience to its impacts. The Council's Best Home initiative was an example of how Council can take the lead on matters such as these. With the recently enacted Climate Change Response (Zero Carbon) Amendment Act⁸ it may be timely for Council to re-energise itself and try some other ways to motivate the community to adopt a more sustainable built form and living.
- Measure Council's carbon footprint this will provide baseline information as a starting point for reduction measures to be undertaken and progress measured. An energy audit will provide a baseline assessment and inform Council on how to improve energy efficiency.
- To guide Council's climate change response we plan to develop a Climate Change Action Plan that will provide a strategic direction for adapting to and mitigating the effects of climate change.
- Council aiming to become carbon neutral (excl. landfill) as an organisation

The outcomes of Council's Risk Assessment summarized below;

Pathway to successful climate adaptation

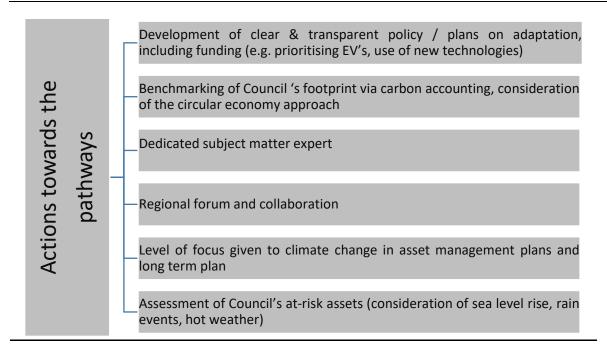
Knowledgeable, dedicated staff who are backed by sufficient and accurate data, will support the decision making and planning processes, allowing the right adaptation and mitigation measures to be pursued by Council, appropriate land-use, resilient infrastructure and sufficient funding allocation

Strong relationships and collaboration through regional forums, will result in alignment of plans at a regional level and assurance that central government policy and solutions match the reality of the region

Effective engagement with the community will result in an understanding of the communities' needs, enabling appropriate support to build community resilience to the impacts of climate change

Providing the platform for businesses to innovate, will support the development of climate technologies which could be leveraged to support communities and Council's own adaptation efforts

⁸ Climate Change Projections and Impacts for Tairawhiti and Hawke's Bay – Prepared by NIWA for the Gisborne District Council and the Hawke's Bay Regional Council



Ministry of Transport – Summary Report

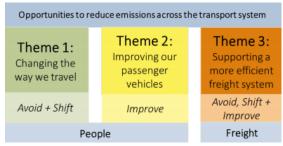
Transport Emissions: Pathways to Net Zero by 2050 green paper details some key statistic that explains transport emission and framework to address emission factors.

- 47% of Aotearoa's CO2 emissions come from transport, and 21% of gross domestic emissions (as part of the energy sector).
- 67% of our CO2 transport emissions come from travel by light vehicle cars, vans and utes. Light vehicle CO2 emissions are 7% higher now than in the previous 10 years.
- Our larger cities generate more emissions than rural towns based on population and the number of vehicles. (However, per capita transport emissions are lower in cities.)

To achieve Net Zero by 2050, the Ministry of Transport is utilizing the Avoid- Shift- Improve framework.



The framework is supported by the three main themes



⁹ https://www.transport.govt.nz/area-of-interest/environment-and-climate-change/climate-change/

Local Government will have a key role to achieve the proposed goal of Net Zero by 2050.

Regional Land Transport Plan 2021-2031 (RTLP) 9

This plan takes an integrated approach, sets out to identify the key issues and prioritise future investment. It envisages to achieve a vibrant, accessible and sustainable transport network for Hawke's Bay.

This plan is focusing on three major outcomes:

- Reducing deaths and serious injuries on Hawke's Bay roads by 40% by 2030.
- Making our transport system more sustainable and creating a healthier community.
- Having reliable and predictable travel times for freight.

Hastings District Council is actively involved in the transport space and collaborating on many initiatives with other agencies. Safe, sustainable and efficient transport is a priority for Council and many initiatives have been progressed, such as the Great Rides and iWay cycle networks and the upcoming trial of on demand public transport, along with various safety improvements to our roading network. This work is ongoing, and will include future work on alternative transport options, bridge strengthening programme, electric vehicle charging station network and so on. A partnership approach is identified as a key to success in this area.

TE WHAKATAAROTAU 3: Ka whakareia, ka whakamarumarutia anōtia te taiao **PRIORITY 3:** The natural environment is enhanced and protected

Natural Environment

National Context

Draft National Policy Statement on Indigenous Biodiversity (NPS)

The purpose of the NPS is to set out objectives and policies in relation to maintaining indigenous biodiversity and to specify what local authorities must do to achieve those objectives. Under the proposed NPS an integrated approach will be taken to identifying Significant Natural Areas in partnership with mana whenua.

NPS Timeline



There is likely to be a significant amount of work for Council to do to comply with the NPS when it is made final. There is a requirement to identify all of the Significant Natural Areas within the district and also any natural area corridors that are important habitats.

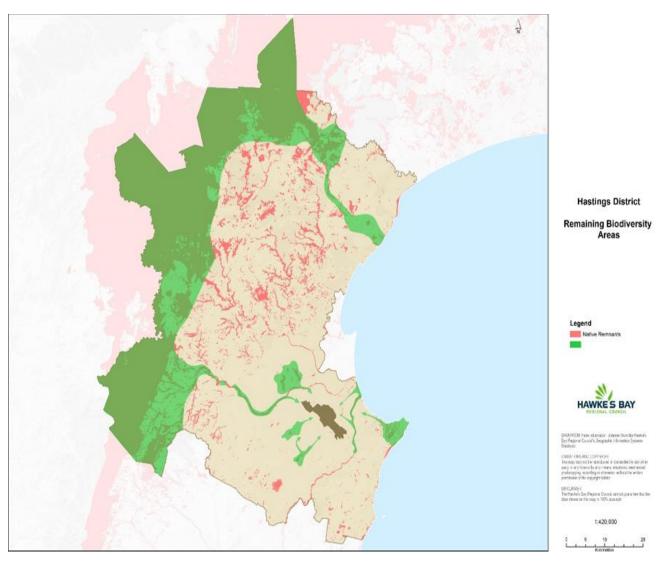
Currently the district plan identifies Recommended Areas of Protection on the planning maps and any modification of indigenous vegetation in these areas requires a resource consent application. These Recommended Areas of Protection were identified by the Department of Conservation in the 1990's. Council will need to arrange an assessment of the existing Recommended Areas of Protection and also identify any new areas of significant indigenous vegetation.

One of the major tasks will be to engage with rural landowners where a large proportion of the Significant Natural Areas will be located, particularly where there is regeneration such as Manuka or Kanuka.

Regional and HDC Context

Increasing Biodiversity

Much of the original habitat of the Hastings District that supported a wide range of ecosystems has been turned into pasture (51%). In response to the huge land clearances and loss of ecosystems across Hawke's Bay a regional biodiversity strategy has been developed along with an action plan to address future biodiversity considerations. HBRC is leading this work which has had an initial focus on mapping and prioritising the region's ecosystems that will be followed by active restoration of those areas. Biodiversity Hawke' Bay are a key partner in this work.



The above map shows the native remnants in the region (red) and the areas of opportunity (green) that have been identified by HBRC to increase biodiversity. The map illustrates the opportunity to connect biodiversity areas from the hinterland, to the waterways and urban and coastal areas.

For Council, a leading way to contribute to increasing biodiversity and enhancing green connections is through the land it owns; in the form of reserves, open spaces and its roading network. Reserve Management Plans are a key tool to enhance biodiversity; for e.g. extensive planting has taken place as part of the Cape Coast Reserve Management Plan; the Havelock North Reserve and Keirunga Gardens. The Plans provide opportunities to investigate ecological responses and are implemented over a 10 year period. Planting on the road

network (for e.g. roundabouts and berms) also provides good opportunities; they do not take away from the recreation usage and can create green corridors.

Protecting and Enhancing the Natural Environment in our Reserves

Council owns or manages 184 reserves, covering over 650 hectares on behalf of the community. The management of these reserves provides Council with a responsibility to protect and enhance the natural environment that these reserves provide both now and in the future. Council are fortunate to have the support of partners that share the same aspirations which includes more than 120 people who are members of 10 parks and reserves Care Groups in Hastings.

The Council's current strategic intent in respect of the provision and management of our parks and open spaces draws from the 2009 Reserves Strategy (under review), the 2009 District Wide Reserves Management Plan, and the individual Reserve Management Plans that have been prepared for specific reserves.

Within the Reserve Strategy, water, biodiversity, natural hazards, plants and animal pests are key areas of focus for the Natural Values policy section.

Reserve Enhancement Programme

Continue completion of programmed actions contained with the Reserve Management Plans for Cornwall Park, Havelock North Village Green, Tainui Reserve, Waimārama Reserves, Cape Coast Reserves and Raureka Reserves.

Reserve Acquisition

94% of residential properties shall be within 500m of a Local Area Park.

There are key deficit areas primarily in Hastings and Havelock North where there are gaps in reserve provision. Opportunities will be actively considered when they arise. Partnerships with private open spaces such as the A&P Society will also be explored.

Reserve Management Planning

- Prepare a 2021 Open Spaces Strategy
- Review the 2009 District Wide Reserve Management Plan
- Prepare Individual Reserve Management Plans for Keirunga Gardens; Tainui Reserve;
 Windsor Park, Frimley Park

Creating Green Corridors throughout the District

The Hastings Green Streets Strategy is being prepared to support the Hastings District Council's vision to strengthen the District's existing street and road corridor tree infrastructure. The Strategy will aim to consolidate, extend and enhance the established

street tree network by providing a range of long term open space greening initiatives which are appropriately tailored to their unique environments.

The Strategy will focus on unique, long-term, open space greening initiatives for the road reserves and corridors along the key route ways into the District's urban areas and neighborhood streetscapes.

The Hastings Green Streets Strategy is underpinned by three key objectives that guide the desired outcomes of the Strategy;

AMENITY	IDENTITY	SUSTAINABILITY	
Enhancing the visual and physical	Strengthening the perception and	Promoting sustainability by	
qualities of the district	character of the district	contributing to resource	
		conservation and habitat creation	

The existing street tree and road reserve planting framework is one of the District's most important natural assets. 'Green streets' provide more than just aesthetic benefits for the District. They also:

- Provide shade and shelter in what is one of the hottest locations in New Zealand.
- Serve to slow storm water run-off and therefore reduce pressure on other forms of infrastructure.
- Can provide habitat and increase urban biodiversity, whilst limiting the effects of pollution.
- Foster identity and the individual character of areas within the district's urban environments.

In order for the Strategy to be effective it is essential that urban trees are afforded the same degree of priority as other important urban infrastructure elements. Creative solutions must be utilised to ensure that trees remain a key feature of the District's streetscapes.

TE WHAKATAAROAU 4: He kākāriki, e ora hoki ai i ngā Rātonga ā-Kaunihera **PRIORITY 4**: Council services are green and healthy

Clean and Green Council Services

National Context

Central Government (Ministry for Environment) work programme that will impact on Council

National waste strategy - under development	The strategy will set the direction and guide investment. Public consultation on a draft strategy will be held in second half of 2021.
Waste legislation review (Waste Minimisation Act and Litter Act)	Strengthened legislation will support the new waste strategy for New Zealand by providing tools and incentives to transform the waste sector and help transition to a more circular and resource-efficient economy. Public consultation on possible legislative changes will be held in the second half of 2021. Any changes in waste management legislation will inform the review of Council's Waste Management and Minimisation Plan which is due in 2024.
Product Stewardship Schemes	Regulated product stewardship helps put responsibility for a product's life-cycle and waste management on manufacturers, importers, retailers and users rather than communities, councils, neighbourhoods and nature. The Government has declared six priority products for regulated product stewardship under the Waste Minimisation Act. Ministry for Environment is working with stakeholders to co-design product stewardship schemes for each priority product group
Expansion of the national waste disposal levy	The Government has confirmed its plans to increase and expand the national waste disposal levy to divert more material from landfill. It will use the revenue gathered from the waste disposal levy for resource recovery and waste minimisation. A public consultation finished in 2020. More than 80 per cent of submitters agreed the status quo needed
	to change. Most were broadly in support of increasing and expanding the levy.
Investment in recycling infrastructure	The Government is investing \$124 million in a number of recycling infrastructure initiatives across the country. This is part of the Covid-19 Response and Recovery Fund infrastructure focus announced on 1 July 2020. The funding is to speed up progress in filling major gaps in waste recycling infrastructure.
NZ Emission Reduction Plan (including waste)	This work is led by Climate Change Commission

The single-use plastic bags ban recently passed its first anniversary. As a result of this, it is estimated that 1.1 billion fewer plastic bags ended up in our landfills and oceans.¹⁰

Regional and HDC Context

Solid Waste

The Ōmarunui landfill has a finite lifespan, dependant on the quantity of waste going in. The lifespan will be maximised if we find better ways to divert waste material. Waste is polluting our land, our lakes and rivers, and our coasts and oceans. It contributes 5% of New Zealand's greenhouse gas emissions.

Waste growth 2015-2020 34,000 Tonnes or 46%

The Joint Waste Management and Minimisation Plan 2018 - 2024 was prepared and adopted by Hastings District and Napier City Councils and addresses key waste issues facing these communities, including:

- Of the waste currently going to Ōmarunui Landfill 49.1% is commonly recyclable and/or compostable material. The remaining 50.9% includes a significant amount of potentially divertible material such as electronic waste, wood waste, plaster board, scrap metal and so on. In other words, we can cut our waste in half50% of material going to Ōmarunui Landfill can be composted or recycled, with the other 50% containing more divertible items.
- Kitchen and garden waste makes up a third of all waste entering Ōmarunui Landfill.
- Close to 80% of "rubbish" coming from householders can be diverted elsewhere.
- Litter, and illegal dumping continue to occur despite fines, enforcement and education.
- A large number of rural residents have little to no access to proper waste disposal.

The current waste strategy is focused on:

¹⁰ https://www.mfe.govt.nz/waste/waste-and-government#legislation

- Reducing, recovering and recycling more waste.
- Improving information on waste generation and movements in Napier and Hastings.
- Improving community awareness on waste and recovery trends and knowledge around resource recovery and diversion potential.
- To continually look at utilising innovative waste disposal technologies

Council leads by example, with easy access recycling receptacles for its more than 400 staff throughout every floor in its workplaces.

For significant change in this area, induvidual ownership needs to be taken and behavioural change is necessary. This is likely to take time and ongoing education programmes are necessary to achieve this outcome.

Council first launched Sus'd, a household sustainability programme in 2009 with the aim to make a genuine difference in the community. Council worked with Sustaining Hawke's Bay Trust providing a programme to our community. Given the focus on climate change and sustainable living, this or a similar initiative might need to be revisited in the future to effectively help our community in this space.

To achieve better outcomes, future waste minimisation actions include:

- Joint implementation with Napier City Council
- Work with Commercial Sector to develop initiatives to reduce waste, including construction and demolition waste
- Improvement at the Henderson Road Refuse Transfer Station
- Consider a food waste and/or organic waste collection
- Bylaw Review
- Engagement with District Health Board and Medical Officer of Health

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^{*2019} financial year information – HDC Waste Minimisation Team

Ensuring Sustainable Developments

The Engineering Code of Practice is a comprehensive document which provides engineering guidelines to developers and contractors undertaking subdivision and land use projects in the District.

The code has been developed to assist with the implementation of sustainable development approaches in managing the impact of growth, enable flexibility in design and promote innovative and sustainable land development and infrastructure solutions. With respect to natural eco-systems developers must ensure that natural eco-systems are able to continue to function and are not degraded or lost as a result of the proposed land development and/or subdivision. Enhancement of existing natural eco systems should be considered a priority as a form of mitigation.

Where it is possible and feasible Council should aim for incorporating sustainable elements into all Council led development, such as projects outlined in the 30 year infrastructure roadmap. Council also has sustainability requirements within its Procurement Policy 2020, requiring Council contractors to minimise the environmental impacts of goods and services. Along with council's procurement policy, sustainability considerations will become integrated with Council's project planning processes and Council reporting processes.

Other Significant Council Initiatives

Council is continuously looking at ways to provide services and run its operation that are in line with sustainability principles. Some completed initiatives include;

- Significant energy efficiency has been achieved by implementing LED lighting in our district
- Council's vehicle fleet includes a number of Electric and Hybrid vehicles
- Council's procurement policy has a sustainability focus
- Sustainable Tourism Attractions, which include Toi Toi and Splash Planet
- Hybrid work arrangements, online meetings, webinars and training where applicable and possible.

Future Council Initiatives

Sustainability is an ever evolving field where new initiatives, emerging technologies and collaboration enables new solutions to existing challenges. To successfully and effectively deliver on this strategy council needs to keep abreast of emerging information and government initiatives. It is crucial to have an active role in continuous awareness and education programmes for our community. Convenience culture comes with a high hidden price, however the impacts of our actions becoming increasingly obvious. Whilst changing our behaviour can take time it has become evident it is absolutely necessary, to create a more sustainable existence.

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Transport is a significant area of focus where alternative options are continually being examined. This includes further expanding the iWay network to make cycling safer and more attractive.

HBRC is looking at new inventive ways to deliver public transport, with a trial of an on demand public transport service in Hastings. This will use smaller and potentially electric buses, which a customer can call up via an app or over the phone. This initiative will use innovative technology and have real benefits for reduced carbon emissions across the region and has the potential to make public transport more useful and accessible for everyone.

With the rapid evolution of the Autonomous Vehicle (AV) technologies, the Ministry of Transport established an AV work programme that looks at current and future opportunities and risk associated with AVs in New Zealand. Whilst there is significant 'discovery' work happening in this space, currently there is no government policy on this technology.

Smart innovations in our district will have an ever growing importance as many efficiencies can be gained by utilising innovative technology to solve challenges that are facing us. This includes the trial of Big Belly Bins solar powered smart waste compactor units.

Council intends to investigate and pursue central government and other agency programmes for collaboration and possible non-ratepayer funding opportunities.

Ö TĀTAU HOA – PARTNERS

Our partners are important and success depends on collaborative effort on focused priorities. Building and strengthening relationships is a key to achieve success.

Key strategic partnerships include:

- Mana Whenua
 - Post-Treaty Settlement Governance Entities
 - Taiwhenua
 - Marae
 - o Hapū
- Ministry for the Environment
- Ministry of Transport
- Ministry of Primary Industries
- Ministry of Business, Innovation and Employment
- New Zealand Transport Agency
- Department of Conservation
- Hawke's Bay District Health Board

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- Hawke's Bay Regional Council
- Napier City Council
- Biodiversity Hawke's Bay
- Care Groups Reserves
- Environment Centre Hawke's Bay Sustaining Hawke's Bay Trust
- Schools Enviro programmes
- Industry groups
- Universities and Research Institutes
- Forest and Bird
- Nourished for Nil
- Re-Sources
- Menzshed

4. KO NGĀ MAHERE ME NGĀ RAUTAKI TAUAWHI - PLANS AND SUPPORTING STRATEGIES

HDC Plans and supporting strategies to deliver on the Eco District Strategy:

<u>Mana</u> Whenua	Priority 1	Priority 2	Priority 3	Priority 4	Other peripheral Strategies
<u>Partnership</u>	Water & Land	Climate & Carbon	Natural Environment	Green & Healthy Council Services	Strutegies
All .		Carbon	Liiviioiiiileiit	Council Services	
encompassing					
PARTNERSHIPS		(CO ₂)		**	

Mana Whenua Iwi and Hapū Strategies and Documents

Mana Whenua Iwi and Hapū Strategies and Documents
Kahungunu ki uta, Kahungunu ki Tai, Marine and Freshwater Strategic Plan
Mai i Paritū ki Tūrakirae 2009
Maori Conservation Ethic: A Ngati Kahungunu Perspective
Tutaekuri Awa Management and Enhancement Plan 2014
Mana Ake - Nga Hapu o Heretaunga 2015 published by Te Taiwhenua o Heretaunga
Ngati Hori Freshwater Resources Management Plan - Operation Pātiki 2009 - 2012Management
Plan
Ngāti Kahungunu Kaitiakitanga mō ngā Taonga Tuku Iho 1992

Existing Council Strategies and other relevant agency document

Existing Council Strategies	Priority Area	Brief Description of Strategy
and other relevant agency	Thomas Area	Sile Description of strategy
document		
Long Term Plan 2018-2028	Priority 1-4	LTPs outline all things a council does and how
		they fit together. They show what will be done
		over the plan's 10 year period, why the council is doing things and their costs.
Te Kura Nui – Maori		Organisational cultural framework that will
Responsiveness	(000)	capture the needs and aspirations, that will
		represent a Heretaunga (Hastings District) and
	PARTNERSHIPS	Ngāti Kahungunu understanding and framing of
	TAKTKEKSIIII S	the workforce's growth and development as culturally competent practitioners.
Drinking Water Strategy 2018		This strategy presents a vision for the delivery of
		water services based on an agreed set of
		objectives that has water quality and safety as its
		prime objective. The strategy includes a
	(())	combination of new and redefined initiatives
		based on investigations, modelling and science to inform how Council will progress in meeting the
		targets and timeframes it is proposing in the
		2018-2028 LTP
Water Conservation and	_	This strategy outlines HDC's commitment to a
Demand Management		range of measures that will achieve an efficient use of water and thereby minimise the
Strategy (WCDMS)	(environmental effects of abstraction on surface
		and groundwater resources.
TANK		TANK is set out to manage water quality and
		quantity for the Tūtaekurī, Ahuriri, Ngaruroro
Heretaunga Plains Urban		and Karamū (TANK) catchments Outlines our future intentions in respect of urban
Development Strategy -		growth, underpinned by the principal of
HPUD's (2017)	FI = 844	protecting our valuable soils. A key pillar within
		the strategy is the transition to a more
	~(///	intensification housing. This strategy is also a
		significant step toward achieving climate change mitigation goals locally. HPUDS seeks to minimise
		energy usage in transportation and to encourage
		efficient use of current infrastructure.
Medium Density (Housing)	-	This strategy has been developed to promote
Summarised Strategy &		increased housing density. The challenge and
Medium Density Implementation Programme		critical task ahead is to turn this strategy into an effective implementation plan.
	***	· · ·
Hastings Urban Issues and Urban Design Strategy		The Hastings Urban Issues project was initiated in August 2009 in order to generate new
		approaches to urbanism that more closely
		reflected the shifting priorities and challenges
		associated with achieving more sustainable
Hastings District Plan		urban growth. RMA1991 requires Councils to have a District
וומסנווועט שוטנוונג רופוו		Plan to manage the physical and natural
		environment. The Plan guides how the district's
		land and resources can be used, developed or
		protected, in order to avoid or lessen the impact
		of any adverse effects.

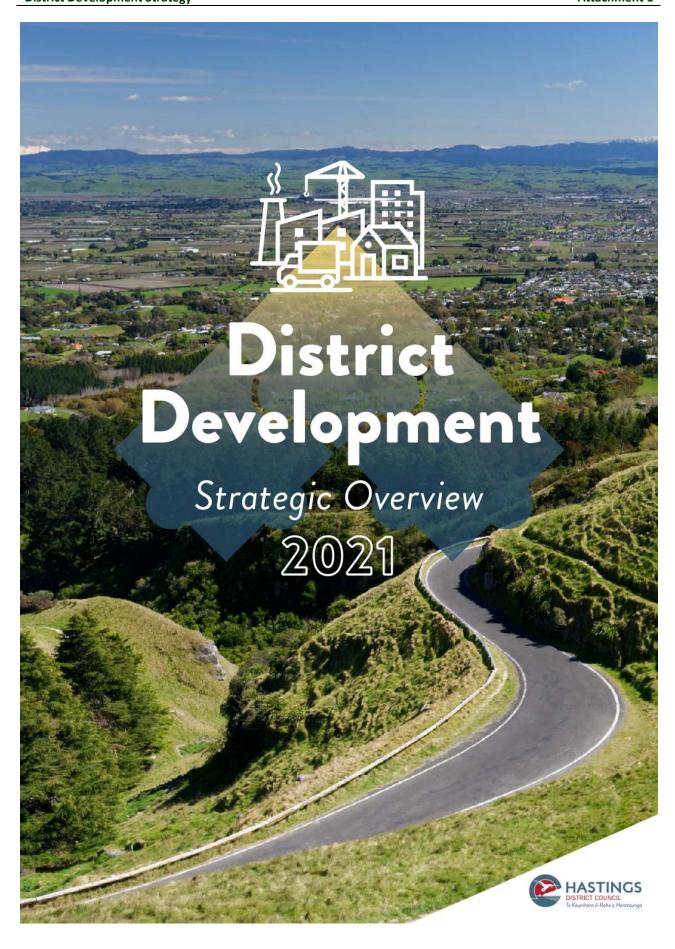
		The second generation District Plan includes provisions to encourage more intensive development, subject to amenity controls
Place- Based Housing		Short term Housing Strategy
Partnership		
Hastings Medium and Long		Medium and Long Term Housing Strategy
Term Housing Strategy		
30 Year Infrastructure	Priority 1-5 (TBC)	Infrastructure Road Map - a high level view of the
Strategy 2021		most likely scenario for significant projects
Beyond iWay: Hastings		Provide a strategic framework supporting
District Council Walking and		walking and cycling beyond the current iWay
Cycling Strategy		programme through to 2022. Identify specific
	CO_2	actions and a programme for implementation to ensure the sustained development and
	\vee	promotion of walking and cycling within the
		Hastings district.
Hawke's Bay Regional Land		The Regional Land Transport Strategy addresses
Transport Strategy 2012-2042		strategic transport needs for Hawke's Bay while
		the Regional Land Transport Programme
	CO ₂	identifies specific transport activities for which
		the New Zealand Transport Agency (NZTA) and
		councils in our region are seeking national
		funding for the next 3 years. CURRENTLY UNDER REVIEW FOR 2021- 2031. In consultation.
Heavy Freight Transport		Key objective of the HFTSP is to provide a
Strategic Plan 2014		sustainable, integrated and safe heavy freight
		system for the Hastings District to ultimately
	CO	support the economic development of the
		Hastings District and wider Hawke's Bay Region
Climate change projections		https://www.hbrc.govt.nz/assets/Document-
and impacts for Tairāwhiti		Library/Reports/Climate-change-projections-
and Hawke's Bay	(CO_2)	and-impacts-for-Tairawhiti-and-Hawkes-Bay.pdf
Clifton to Tangoio Coastal		Currently under development, this Strategy will
Hazards Strategy 2120		provide a long term framework for managing the coast between Clifton and Tangoio. The long
		term vision for the strategy is that "Coastal
		communities, businesses and critical
		infrastructure from Tangoio to Clifton are
		resilient to the effects of coastal hazards". It is
		being developed collaboratively by the Hastings
		District Council, Hawke's Bay Regional Council,
		Napier City Council and groups representing mana whenua through a joint committee.
Hastings Coastal		To establish a comprehensive Coastal
Environmental Strategy 2000		Environment Strategy that will enable the
0,		community to develop an integrated regime to
		protect, manage and develop the Coastal
		Environment
Reserves Strategy		Provide an overall framework for the acquisition
		and development of reserve land within the
Decemie Marraman 1 51		district.
Reserve Management Plans		Outline the Council's general intentions for the use, development and maintenance of its key
		reserves.
Hawke's Bay Bio-Diversity		The Hawke's Bay Regional Council supported the
Strategy 2015– 2050		development of the Biodiversity Strategy and
0 ,		1 1 2 2 2 3 7 2 3 3 6 7 2 3 3 6 7

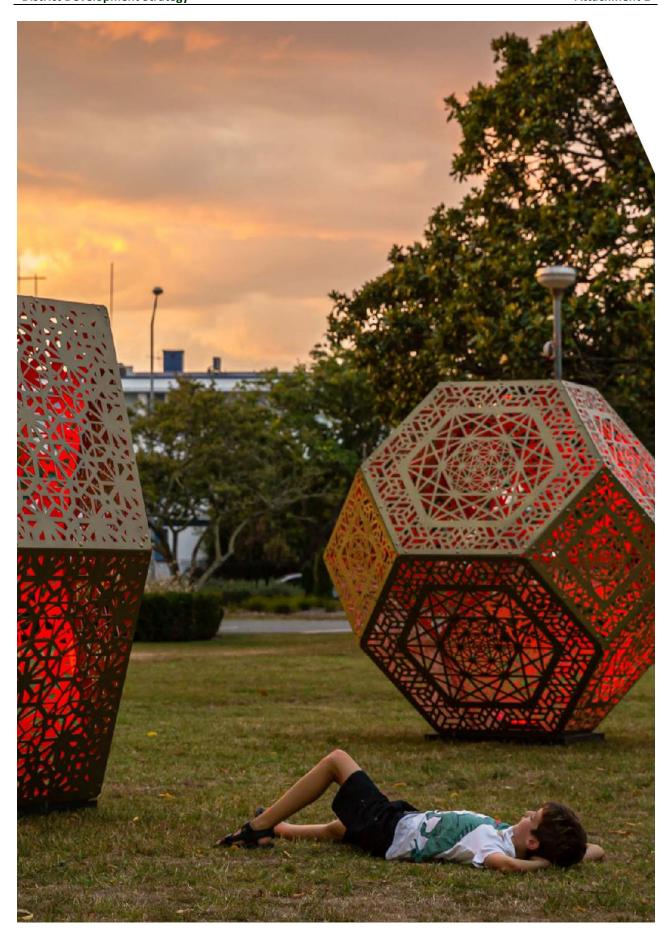
Waste Management and Minimisation Plan 2018 –		Action Plan for Hawke's Bay. It takes a regional approach to improve habitats and support native species. The strategy takes responsibility for improving native species habitats and populations in Hawke's Bay. The strategy was developed collaboratively with other organisations and interests including Hastings District Council. Sets out the regions waste challenges and intended response. This plan details how Council
2024	*	intends to reduce waste within its own operation and support waste minimisation in the wider community.
Litter Reduction Strategy 2008	**	To provide a long-term sustainable approach to litter reduction. The strategy acknowledges and aligns with the work of the Keep Hastings Beautiful Trust. The strategy will also endorse funding requests for litter initiatives.
Engineering Code of Practice 2020	**	Sets out the engineering standards and guidelines that apply for subdivision and land use projects.
Regional Economic Development Strategy 2016 and Matariki		The Matariki Action Plan (MAP) is our navigational map to Matariki Hawke's Bay Regional Development Strategy for economic, inclusive and sustainable growth.
Council's Financial Strategy		How Council will fund its activities and the impact this will have on services, debt and rates levels over time.
Hastings Retail Strategy 2003 &		Achieve the form and pattern of retail development in Hastings district – both spatially and over time.
Hastings City Centre Strategy 2013	-\ <u>\</u>	This Strategy represents a 20-year approach to move the Hastings City Centre forward. This strategy recognises our City Centre's key strengths and aligns these with future opportunities.
Havelock North Village Centre Framework		Guides planning and growth of the village centre in a way that is consistent with sustainable development.
Flaxmere Town Centre Urban Design Framework	E E	Provides a land use planning framework, guiding decision on urban form, land use and community projects in and around the Flaxmere Village Centre.

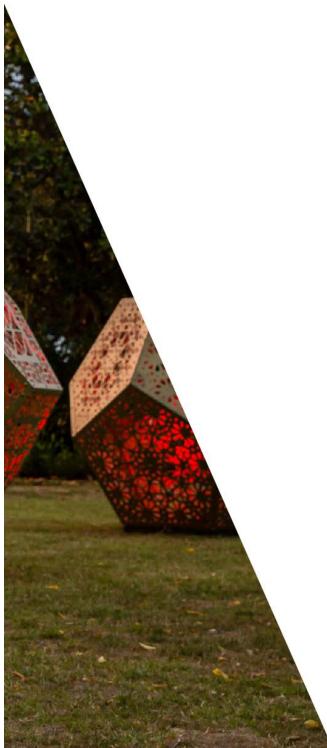
National Policy Statements and Strategies relating to Eco District Priority Areas

National Policy Statements & Frameworks	Priority Area	Brief Description of Strategy
Treaty of Waitangi		New Zealand's founding document. The Treaty is a broad statement of principles on which the

	PARTNERSHIPS	British and Māori made a political compact to found a nation state and build a government in New Zealand.
Te Mana o te Wai		
National Policy Statement for Freshwater Management 2020		Sets out the objectives and policies for freshwater management under the Resource Management Act 1991.
Wanagement 2020		https://environment.govt.nz/publications/national-policy-statement-for-freshwater-management-2020/
A low Emissions future for Aotearoa		https://ccc-production-media.s3.ap-southeast- 2.amazonaws.com/public/Inaia-tonu-nei-a-low- emissions-future-for-Aotearoa/Inaia-tonu-nei-a- low-emissions-future-for-Aotearoa.pdf
New guide to reducing carbon emissions in construction		https://www.procurement.govt.nz/about- us/news/new-guide-to-reducing-carbon- emissions-in-construction/
Ministry for the Environment – Climate Change		https://environment.govt.nz/what-government- is-doing/areas-of-work/climate-change/
MBIE –building for Climate Change	Ψ	https://www.mbie.govt.nz/building-and- energy/building/building-for-climate-change/







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The Hastings District is at the heart of the Hawke's Bay region. Our role as the economic powerhouse for the region is critical to our future prosperity. Whether that's as the leading food producing hub in New Zealand, with its related downstream manufacturing activity, through to the industrial and employment hub for the region.

The Hastings district also plays a key role in visitor attraction and cultural fulfilment being the home of the regions many outstanding natural areas, recreation and cultural experience opportunities.

Heretaunga, the home of Ngāti Kahungunu gives us our cultural identity and cultural narratives captured through the following whakataukī and which are embedded in our strategic approach:

- Heretaunga-ara-rau myriad of pathways and opportunities to be soized.
- Heretaunga-haukū-nui life enriching waters that sustain the region
- Heretaunga-hārō-o-te-kāhu the beauty of our landscape through the eyes of a hawk
- Heretaunga-raorao-haumako the fertile landscape which underpins our prosperity

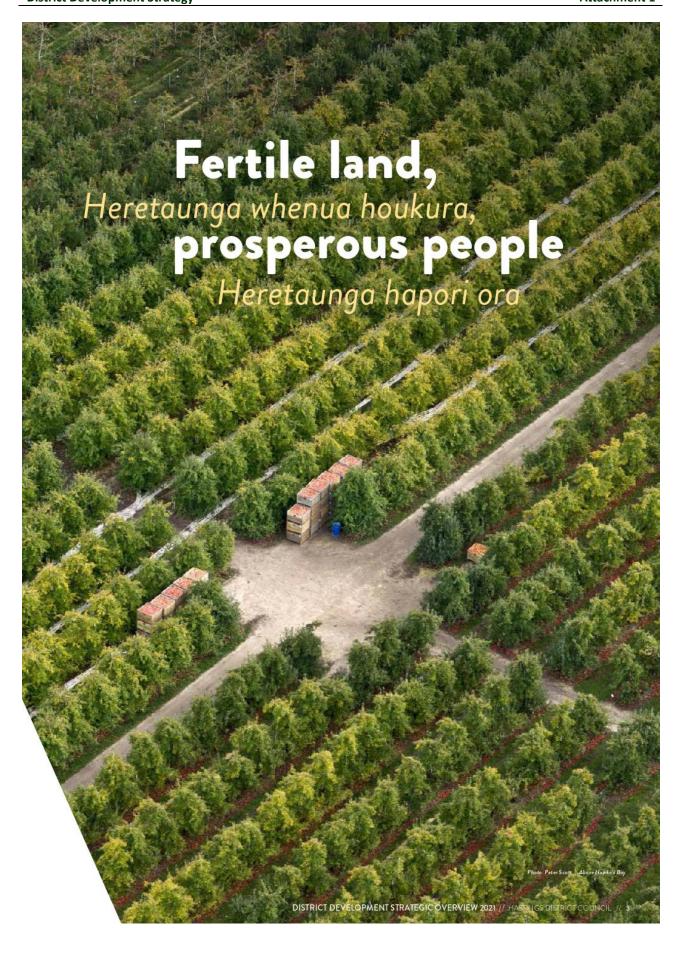
- Heretaunga-ringahora renowned for warm hospitality and open arms
- Heretaunga-takoto noa strong leadership over the challenges ahead

We enjoy and treasure our great quality of life. It's a great balance that gives us some of the bigger city experience without the hassle and cost.

There are however challenges. Hastings District is likely to be a highly desirable place to live for some time and managing how we grow effectively will be important; environmental quality cannot be traded for economic gain. Our economy needs to diversify to shift our reliance on land based production and we need to lead in innovation around the food and beverage sector. Not all our people are engaged with the economy, living prosperous lives and fulfilling their

potential and aspirations. The fruits of this place need to be shared more equitably. Climate change will impact on our community and we need to find the best path to mitigating and adapting to those impacts.

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Fertile land,

Heretaunga whenua houkura,

prosperous people

Heretaunga hapori ora

It represents our fundamentals, the fertile land and life giving waters which support it and the people of this place fulfilling their aspirations and prospering together.

To fulfil the vision the Council has developed three overriding community outcomes. This strategy has been developed to achieve:



This District Development Strategy is a means to an end – not the end itself. (It should be considered in tandem with both the Eco District and Great Communities Strategic Overview).

A strong economy is not a goal if it degrades the environment or grows disparities within our community. Good jobs and income from a strong economy is what provides for strong families, equitable and strong communities.

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Council Priorities

The Council has established the following priorities which need to be given effect through this strategy:

The economic powerhouse

- Leading in food and beverage innovation
- Diversifying to a knowledge based economy
- Growing meaningful work and higher and valued jobs
- Developing a Hastings Proud employers initiative
- Positioning as a centre for government relocations
- Enabling innovation in the primary sector

Homes for our people

- · Protecting our good soils
- More compact housing choices, using available land
- Working with government and other partners on housing projects
- Rethinking and looking at future opportunities for Council housing

Getting around

- Investing in our ageing roading
 assets
- Progressing the use of freight hubs and road/rail/port integration
- Linking transport with future planned urban growth areas
- Advocating for improvement on our regional transport networks
- Developing our sustainable transport alternatives

Rural living

- · Rural accessibility (roads, bridges)
- Adaptation to new land use and farming futures (including climate change, farm ownership, workforce challenges and water access)
- Enhancing rural connectivity (technology and communication)
- Planning for future settlement development

A better way to work

- Maturing lwi partnerships
- · Optimising local collaboration
- Adding to our "open for business" culture

Note: Particular references to these priorities are made through the strategy as appropriate.

DISTRICT DEVELOPMENT STRATEGIC OVERVIEW 2021 // HASTINGS DISTRICT COUNCIL // 5

District Development Strategic Overview

A Sufficient and Supportive Economy is one of three community outcomes for our District.

This strategic overview has been developed to achieve this strategic outcome.





Effective working relationships will be in place with key industry groups.

Our workforce will be trained to address areas of short term, long term and forecasted skill shortages.

The business and lifestyle potential of Hastings District is well marketed and exposed to the business world and prospective employees (talent).

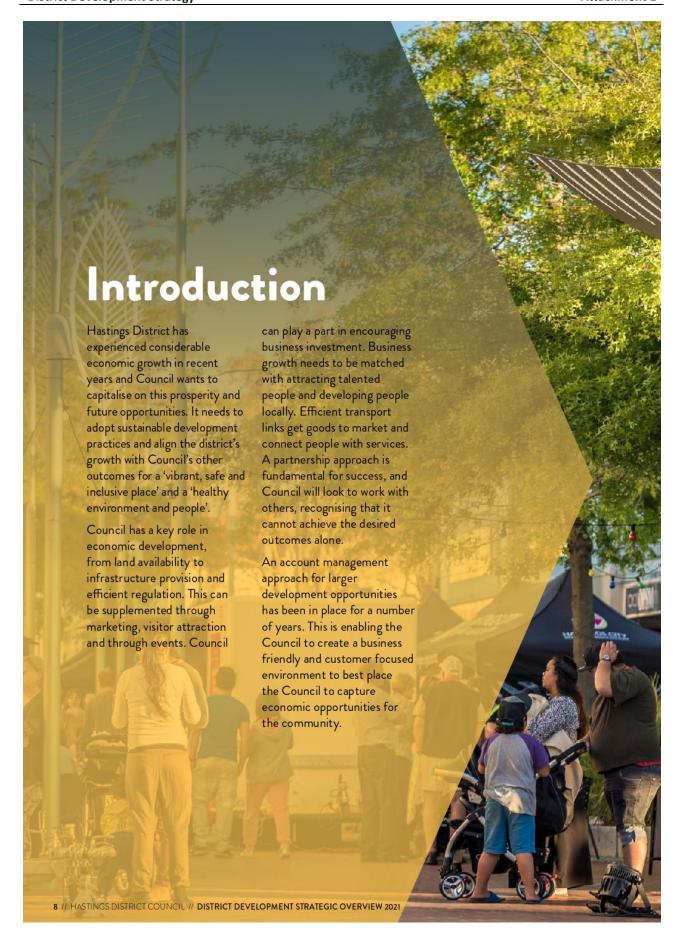
The challenges which arise through climate change and water scarcity are addressed regionally to ensure that we are resilient together as a Hawke's Bay community.

Commercial, industrial and residential growth development opportunities are clearly defined The type of housing available matches the diversity of our people and their needs. Alternative housing choices more aligned with aging population and changing household types along with lwi/Hapū aspirations are available for Marae based development.

A more compact community is created which is connected by a range of effective transport choices. Urban sprawl onto the productive Heretaunga Plains is controlled effectively.

Control over our urban footprint and environmental sustainability is at the forefront of our planning. A better focus on the quality and aesthetics of our built environment is also a key objective.

DISTRICT DEVELOPMENT STRATEGIC OVERVIEW 2021

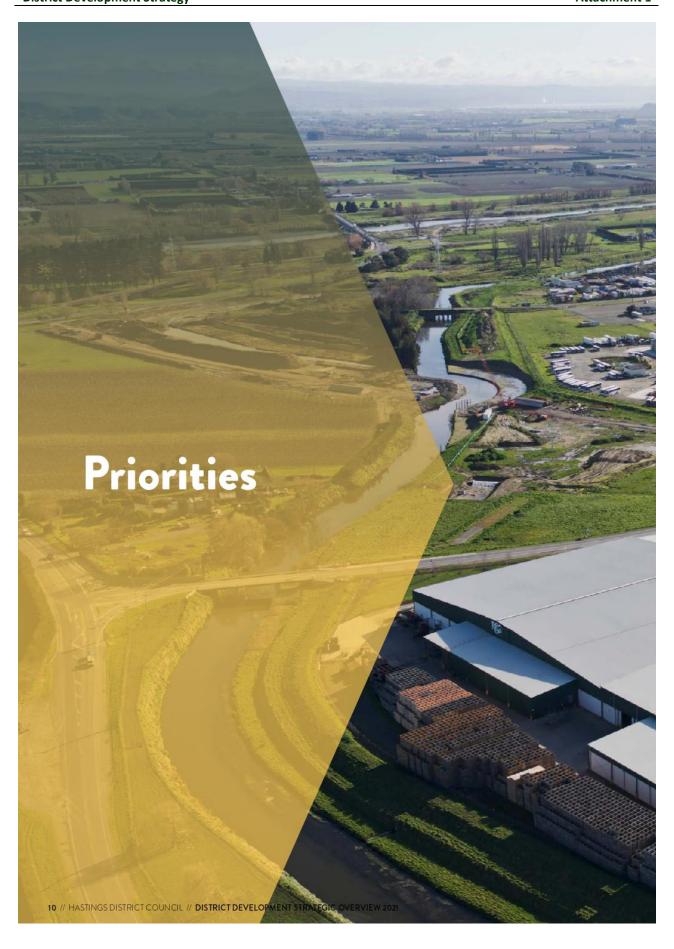


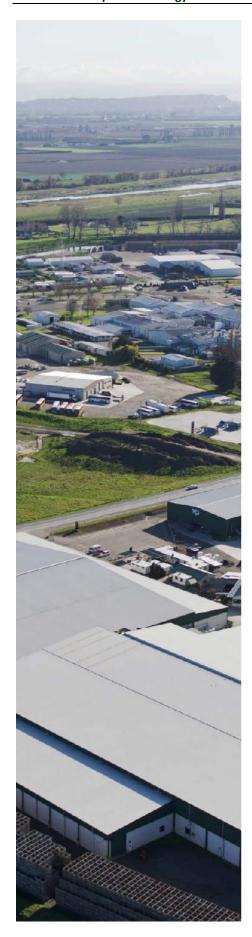




Note: The priority areas are in no particular priority order — they are all intrinsically linked.

DISTRICT DEVELOPMENT STRATEGIC OVERVIEW 2021 // HASTINGS DISTRICT COUNCIL // 9







Industrial

The Council's current industrial land strategy provides for light industrial growth (along the Ōmāhu strip), growth for dry industry at Irongate and for wet industry at Tomoana Food Hub and Whakatū. These areas are appropriately serviced and able to be developed.

Looking forward the Regional Industrial Strategy (currently being developed) has a 30 year horizon, with a focus on key actions over the next 10 years. It will set out which types of industry are best suited to each existing and future industrial area, having regard to economic and environmental drivers.

Our climate is getting drier, placing increasing pressure on our already substantial and growing demand for water. This combined with a greater understanding around the limited availability of water as well as needing to 'give

back' water to the environment due to over allocation, creates an enormous challenge for accommodating and supporting economic and community growth.

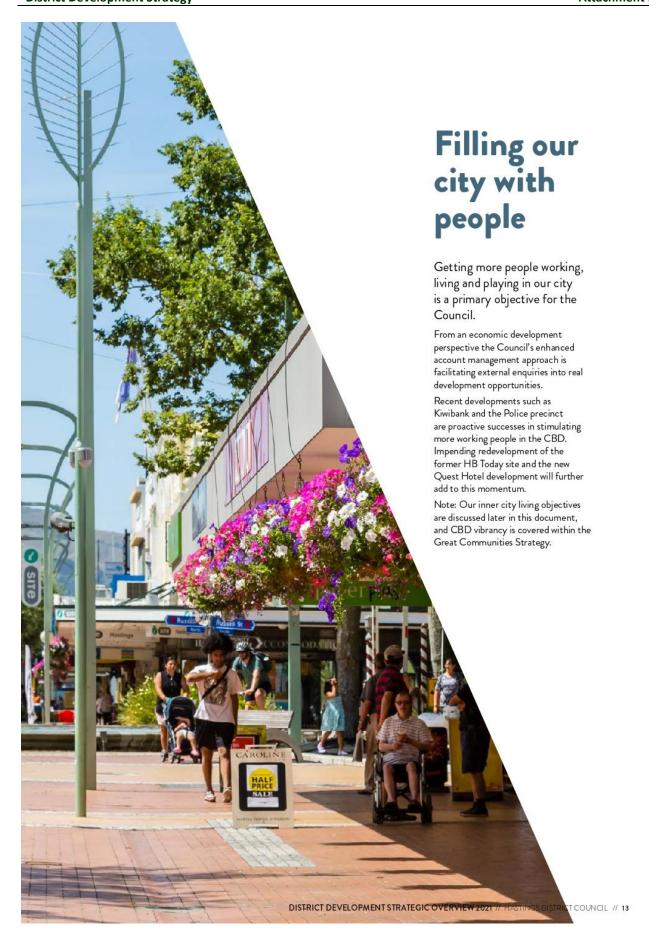
AVAILABLE CAPACITY OF

20%

FOR INDUSTRIAL GROWTH

DISTRICT DEVELOPMENT STRATEGIC OVERVIEW 2021 // HASTINGS DISTRICT COUNCIL // 11







The Council's Economic Development Strategy has 4 areas of focus:

INCREASE IN THE NUMBER OF QUALITY JOBS IN THE DISTRICT



A LARGER AND MORE SUSTAINABLE PRODUCTION BASE



GREATER BUSINESS
DIVERSITY



IMPROVED BUSINESS
PRODUCTIVITY



LEADING IN FOOD AND BEVERAGE INNOVATION

DIVERSIFYING TO A KNOWLEDGE BASED



DEVELOPING A
HASTINGS PROUD

POSITIONING AS A
CENTRE FOR GOVERNMENT

COVID-19 BRINGS NEW CHALLENGES — SKILLS ATTRACTION FOCUSED ON REPATRIATION AND REDEPLOYMENT

Increase inwards investment

Think Hawke's Bay, is the key business and local authority initiative to attract business, investment capital and migrants to the district and region.



THE NUMBER OF FILLED JOBS INCREASES BY

1.5%

Support Hastings businesses with 'Great Things Grow Here' brand platform

Key aspects of support relate to:

- Collateral, metrics and stories which showcase businesses success stories
- The use of businesses as brand champions to showcase the district
- The use of unique brand identifiers that are on products to the world.

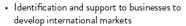


INCREASE IN BUSINESS USERS BY

10% ANNUALLY

Improved export opportunities for businesses

Key aspects of this work stream includes:





· Working with Export NZ and NZTE.



EXPORT TONNAGE AT NAPIER PORT INCREASES

2% ANNUALLY

Attract the skilled labour resources in demand by businesses

This involves:

- · Skill shortage identification with industry
- People attraction programme with required skills as an emphasis
- Support and development programmes for young people into skill shortage sectors
- · A focus on local people first.



FILLED JOBS

1.5%

Connect with education

Key areas of focus are:

- Supporting Learning Hawke's Bay to deliver an increased value of international students to the district and region
- Supporting the Young Enterprise Scheme to enable high school students to develop business.



10%

INCREASE IN VISA APPLICATIONS FOR HAWKE'S BAY

Increase business productivity

Through the Hastings District Productivity
Programme engaging with businesses in
co-funding projects to improve their productivity
and creating more employment.



FULL TIME EQUIVALENT STAFF

DISTRICT DEVELOPMENT STRATEGIC OVERVIEW 2021 // HASTINGS DISTRICT COUNCIL // 15



The Splash Planet facility is the only council driven marketing out of the region. The future strategic approach for Splash Planet is currently based around the Atomic Report that was completed in 2007, and a recently completed report by Visitor Solutions. This Report indicates a good performing facility that requires some investment being made to drive it forward for future benefit of the region. This investment is primarily targeted at having the facility open for a longer season and could involve an indoor facility. This is also hoped to increase visitors from outside the region which has

been increasing in recent years.

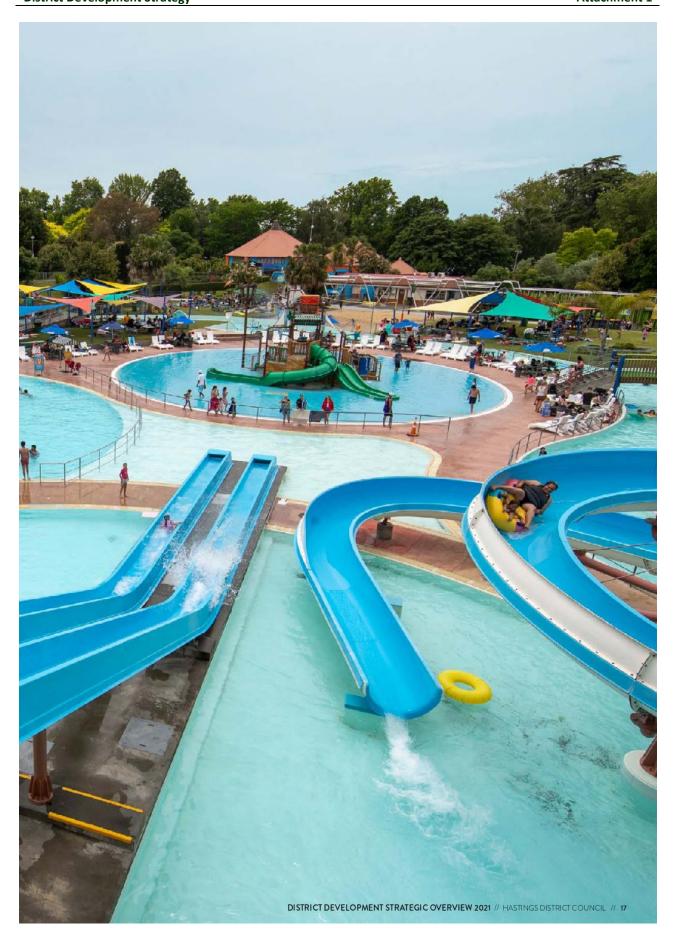
60,000

I-SITE VISITORS



VISITORS TO SPLASH PLANET PER ANNUM (OVER 45% FROM OUTSIDE REGION)

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ТЕМ 10 РАGE 67



The Heretaunga Plains Urban Development Strategy provides the blueprint for residential development. A period of transition is identified which provides for some new greenfield supply to round off the urban boundaries mixed with a move to a greater level of urban intensification over time, recognising that urban sprawl onto the productive Plains is not a desired outcome.

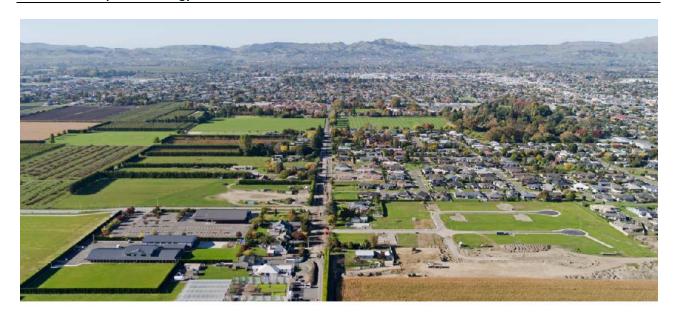
The District Plan has been reviewed and is more enabling of Papakäinga development, along with the more recent incorporation of a plan change to encourage inner city living. A recent plan change also makes it easier to enable the provision of Recognised Seasonal Employer (RSE) accomodation.

The impact of sea level rise and coastal inundation on communities is currently being considered via the Tangoio Coastal Hazard Strategy which sets out proposed pathways for the identified coastal cells within the 100 years of the strategy. This involves a mixed strategy of coastal nourishment, hard engineering structures and planned retreat in some cases in the long-term.





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Greenfield supply

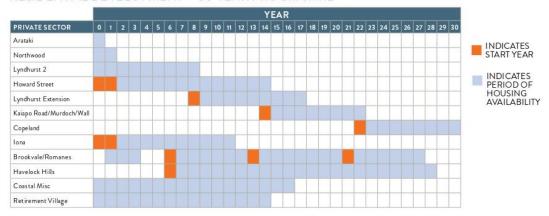
The current programme sees Lyndhurst Extension following on from the now committed Lyndhurst Stage 2 and Howard Street developments in Hastings. This is in addition to remaining capacity in Lyndhurst Stage 1 and Northwood. Kaiapo Road would then follow around Year 7, with Copeland Road being triggered around Year 14.



In Havelock North the remaining capacity in Arataki will be supplemented with the Iona/Middle Road area as the first priority. Further development in the Havelock North Hills would then follow along with the Brookvale area and Romanes Drive area.

Looking forward — we will need to reconcile the government policy statements on indigenous biodiversity, highly productive land and urban development as well as a range of local values, needs and aspirations. The impending Spatial Plan process intends to bring this all together.

RESIDENTIAL DEVELOPMENT - 30-YEAR PROGRAMME



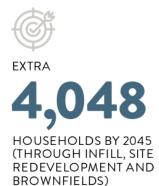
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Medium density

The aim of the Medium Density Housing strategy is to create the conditions that maximise the benefits and delivery of more compact housing development, while addressing the risks and in particular any negative perceptions of higher density living environments. A significant objective is to promote medium density housing within the housing market on both the demand and the supply side supporting the transition away from greenfield development on productive soils.

Areas of Hastings have been rezoned "City Living" to allow high quality medium density housing development or, as referred to in the District Plan - Comprehensive Residential Development. These areas are located in close proximity to amenities such as parks, shops and transport routes. Comprehensive Residential Development is also provided for on the fringe of Havelock North Village Centre and in the Mahora, Parkvale and Raureka suburban centres.

Good quality infill and density is our focus. Recently developed design guidelines are a tool to meet this outcome.



Inner city living

The District Plan was amended in 2019 to encourage inner city living in the Hastings Central Commercial zone.

The upper levels of commercial buildings can be converted to apartments, or new mixed use buildings built in the Hastings CBD and within the maincity blocks of Hastings residential developments will not be required to provide on-site parking or outdoor living space. There are no density limits on residential developments in the Central Commercial zone, though minimum apartment sizes are required to ensure they are liveable.



Recognised seasonal employer accommodation

With the horticulture sector booming in Hawke's Bay so too the need for workers has increased, and in the case of RSE workers in particular the need to provide accommodation for them. The industry predicts that the current 4,000 RSE workers in Hawke's Bay could double by 2022 adding to the pressure to house them comfortably.

Council's discussions with stakeholders identified that small self-catering clusters on the sites where RSE workers were working was preferable, as well as a larger camp model in a central location from where workers would be transported to the sites.

A variation to the district plan allows larger seasonal worker accommodation to be built in the plains production zone, and also enables accommodation to be built in the industrial zones of Ōmāhu and Irongate, and other light industrial zones.

In addition, the variation will legitimise seasonal workers' accommodation in residential zones and cap household numbers to eight people.

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Other place-based solutions

Hastings District Council is working collaboratively with government on a current initiative to look at place-based specific issues to a number of housing issues. The focus is on emergency and transitional housing, public and affordable housing, Māori housing aspirations, and the tourism accommodation sector.

Emergency and transitional housing

The short-term objective being to ensure all whānau living in motels and other temporary accommodation are receiving appropriate support services and are supported to move into more permanent accommodation as soon as possible.

The medium-term objective being to minimise the number of whānau (especially with tamariki) who are living in motels and other temporary accommodation, and the time they spend there.

Papakāinga and Māori housing

Supporting whānau to build and live on their whenua can be the catalyst to achieving many wellbeing outcomes for Māori including living in warm, affordable housing; improved health; increased education achievement and economic and employment benefits.

Council intends to continue working with the Māori Housing Network (MHN) who have been leading papakāinga development. Particular opportunities to accelerate Māori housing projects exist in the semi-rural Māori communities of Ōmāhu, Bridge Pā, Paki Paki, Kohupātiki and Waipatu.

Public and affordable housing

The public housing register in Hastings has circa 460 households on it, and it has been increasing consistently for several years (this compares to around 80, 3 years ago).

Work is underway to fine-tune the problem to understand what combination of activity would be the most effective way to reduce the public housing register. This could include more public housing, additional sub-market rentals or additional lower quartile rentals.



Next steps, timeframes and the mix of inter-agency involvement for the programme above is currently being developed and worked through to deliver on the identified interventions (immediate, medium and longer term) for the people of Hastings District.

Tourism accommodation

The rise of Airbnb/holiday homes/homestays (and other online accommodation sharing platforms) is attracting a lot of interest around the world, as it has implications for housing supply in cities facing a housing shortage. The rapid growth of Airbnb has seen increasing numbers of privately owned properties being used long-term to service the short-term rental market, with potentially negative implications for the supply and affordability of residential rentals. There are currently 718 active listing in Hastings.

In the short-term a more accurate understanding of the impact of this trend on Hastings housing supply is needed, to enable a considered analysis of the appropriate response tools.



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The vision is to connect people and places, products and markets. This is achieved by providing a safe road network that gets people and goods where they want to go, however they choose or need to get there. This needs to be achieved in a sustainable and resilient manner for an affordable whole of life cost.

Other strategies such as the Walking/Cycling Strategy are heavily integrated here. Please refer to Great Communities Strategic Overview.



Accessibility, efficiency and resilience

The key strategic issues for the district as they impact on district development are:

Freight Hubs

Progressing the use of freight hubs and road/rail/port integration with specific focus on Whakatū/Tomoana area. The outcomes of the Spacial Plan process (currently in progress) will help to further inform the long term approach and infrastructure needs to better connect this inland port area with our distribution hubs at HB Airport and the Port of Napier. The North Eastern connector route being one potential new transport intervention.

Rural Priorities

Strengthening connections to rural areas for freight and tourism with specific focus on the 7 year bridge strengthening programme which has prioritised routes to respond to the increase of high productivity motor vehicles and new rules in respect of vehicle dimensions and weight.

These targeted investments will also protect our lifeline routes and add resilience by providing alternative routes in case of significant events or hazards.

The routes of significance to achieve the above objectives being Taihape Road, Kererū Road, Puketītiri Road, Waipunga Road and Waimārama Road.

PLANNING TO AVOID



CONTINUED FOCUS ON

Transport and Land Use

Improving our strategic links and integrating transport investment with land subdivision and land use change is a particular focus in key future planned residential and industrial growth nodes.

The development of a regional network operating plan will provide the umbrella long-term planning framework for the region and feed into the Regional Transport Plan. At a local level, corridor management plans (in particular, Pakowhai Rd, Karamū Rd, Middle Rd, Havelock Rd and Te Mata Peak corridor provide the strategic direction for these routes).

Regional Networks

State Highway connections play a very important role in supporting our regional and interregional economy. The connections between Napier and Hastings, Taupō, Wairoa and Manawatū are of particular importance. The outcomes of regional transport models, studies and operating plans will inform the long term approach. Key matters requiring advocacy looking forward relate to:

- · Four laning of the HB Expressway
- · Mohaka Bridge on State Highway 5
- Passing lanes/opportunities on State Highway 2 to Wairoa
- · Traffic and pedestrian safety on State Highway 51 to Clive

Note: The above needs to be considered in the context of sustainable transportation and advances in technology as it applies to transportation.



% OF RURAL NETWORK THAT'S INACCESSIBLE

reduces to

0.4%FROM BASELINE OF 12.2%



% OF NETWORK THAT'S HPMV CAPABLE

increases to

21.5% (353KM)

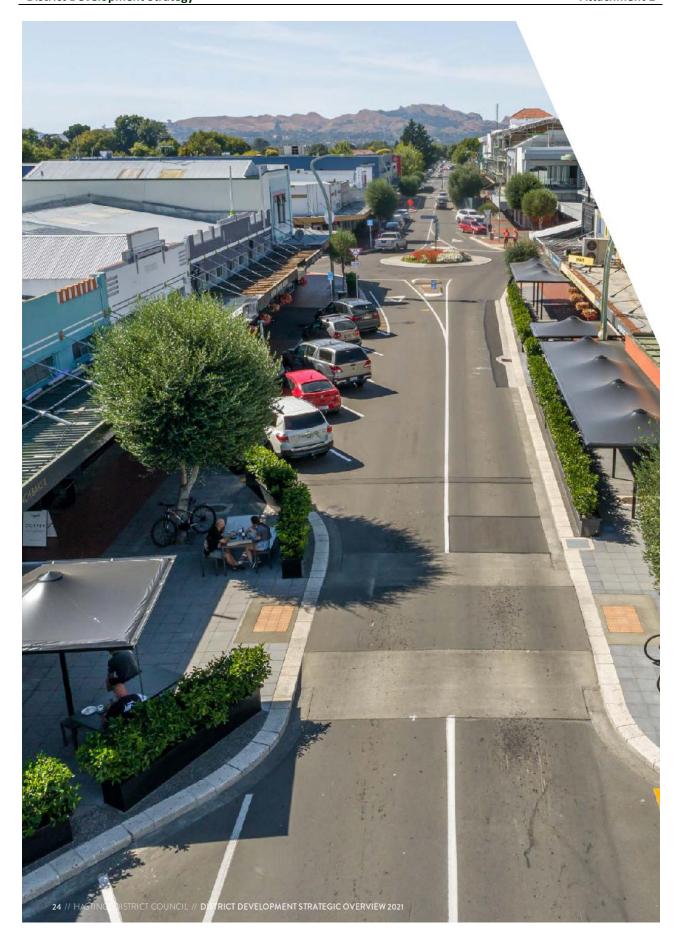
FROM BASELINE OF 11.1%



JOURNEYS AFFECTED DUE TO UNPLANNED ROAD CLOSURES NOT MORE THAN

400,000

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Strategic parking

Central city parking needs to support the aims for our city centres. The strategic approach to parking is to focus on providing parking solutions to meet the demand, making movement through the CBD efficient, with minimal use of vehicles and minimal carbon emissions.

Maintaining public safety, encouraging traffic turnover in areas of high occupancy and managing the parking solution to an occupancy level not exceeding 85% are key areas of focus. Continually monitoring and keeping up with parking solution technology (such as the recent pay by plate initiative) is critical to achieving our objectives.

Trends and challenges we need to adapt to moving forward include the new demands (i.e. electric stations) that come with an anticipated increase to 50% of vehicles being electric in the next decade; new form of movement such as the emergence of micro mobility (i.e. electric scooters); the potential shift away from street infrastructure for parking to mobile phone technology solutions.

Havelock North is critically land constrained from a parking acquisition perspective. The strategy is to fit in with other developments occurring in the village and to leverage parking opportunities from these.

Looking forward — The Council will be considering the broader future considerations in terms of movement and accessibility via the development of a Parking Management Plan, including community aspirations for getting around the city, ageing population and mobility, the role of public transport and sustainable choices amongst other things.



REMAINING AGILE TO NEW MODES AND TECHNOLOGY (SCOOTERS, ELECTRIC)

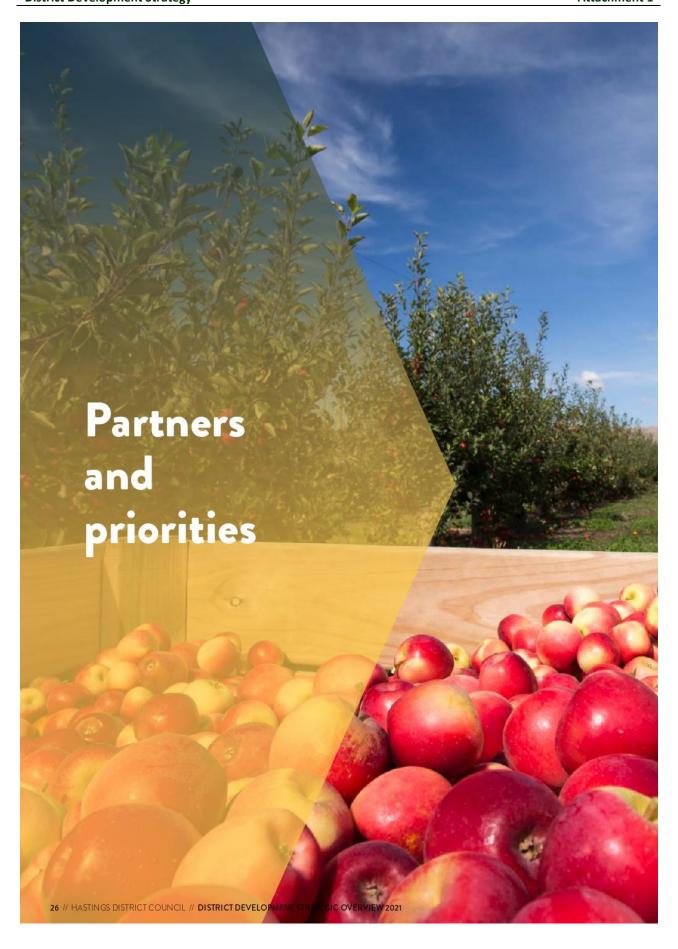
DEVELOPING OUR
SUSTAINABLE TRANSPORT
ALTERNATIVES



PARKING OCCUPANCY DOES NOT EXCEED

85%

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Our partners are important, and success depends on collaborative effort on focused priorities. Key strategic partnerships include:

Business Hawke's Bay

which is responsible for programme management of Matariki Hawke's Bay Regional Development Strategy (HBREDS) and action plan for economic and social growth. Other key result areas focus on:

- Greater business diversity and sector development, particularly around Agribusiness, Technology and Food & Beverage businesses
- Attraction of investment, people and skills, and business
- Leveraging the 'Great Things Grow Here' economic development brand platform.

Hawke's Bay Chamber of Commerce

a membership based organisation delivering activities for business members. A partnership with Hastings District Council and EIT delivers the Young Enterprise Scheme, an experiential business programme developed for schools targeted at years 12/13.

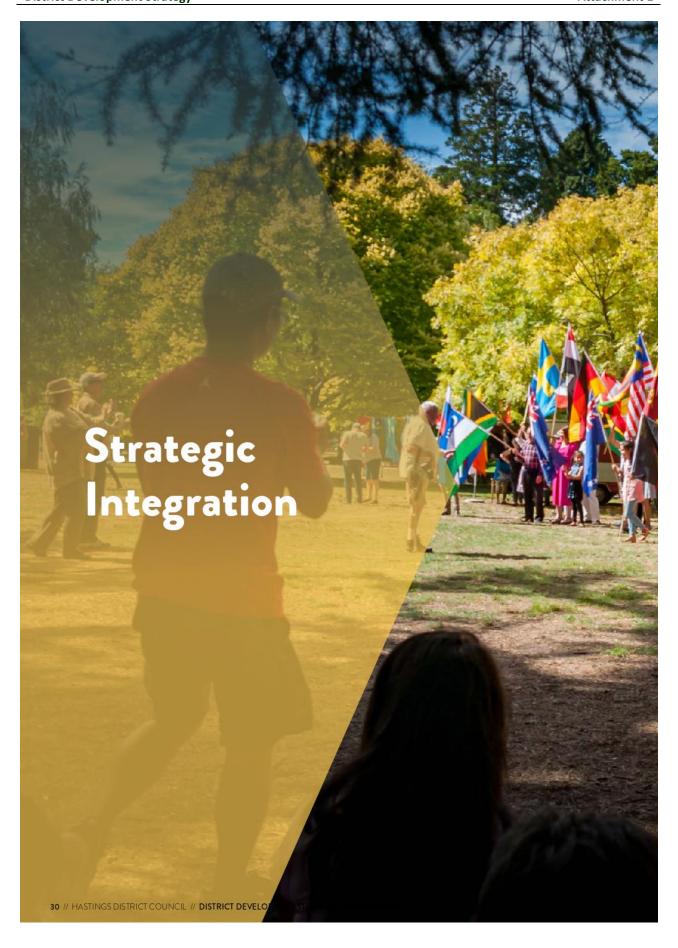
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Local Authorities supporting regional collaboration. Particular emphasis being placed on:

- · Hawke's Bay Regional Council leading work on the Regional Water Strategy, which will need to address the way forward beyond the TANK plan change to ensure there is enough quality water to sustain our people, prosperity and the environment. Progressing the Clifton to Tangoio Coastal Hazard Strategy and its flow on effects to the management of identified risks and future district development is another key focus area supporting HPUD's implementation. Overall responsibility for planning and coordinating regional transport through the Regional Transport Committee, including contributions from Port of Napier, Iwi, AA, DHB and Kiwi Rail. HBRC provide bus services, road safety education and regional cycling in Hawke's Bay.
- Napier City Council Key areas of collaboration continue in respect of the implementation of the Heretaunga Plains Urban Development Strategy (HPUD's) and more recently in respect of the findings of the Regional Industrial Strategy. Napier City Council is a key partner in the Regional Skills Attraction Strategy and 'Great Things Grow Here' initiatives. The 'Think Hawke's Bay Forum' provides for collaborative effort between the regions Council's and HB Airport and Napier Port.
- Wairoa District Council and Central Hawke's Bay District Council – Our neighbours are part of the total delivery of the "gate to market" solutions for our primary produce. Effective regional transport
- links and integration of the network are key collaborative linkages, along with support for the Regional Skills Attraction Strategy and 'Great Things Grow Here' initiatives. The 'Think Hawke's Bay Forum' provides for collaborative effort between the region's Councils and HB Airport and Napier Port.
- Iwi Entities Future success depends on strong partnership with our Treaty Partners as well as Ngāti Kahungunu, Te Taiwhenua o Heretaunga and others.
- Crown Agencies Working on emerging opportunities and areas of collaboration particulary: Käinga Ora, Ministry of Housing and MBIE.









Under a broader community wellbeing approach integration of the Sufficient and Supportive Economy outcome with the following outcomes will be important. This will be achieved by working together with the Great Communities and Eco District Subcommittees:

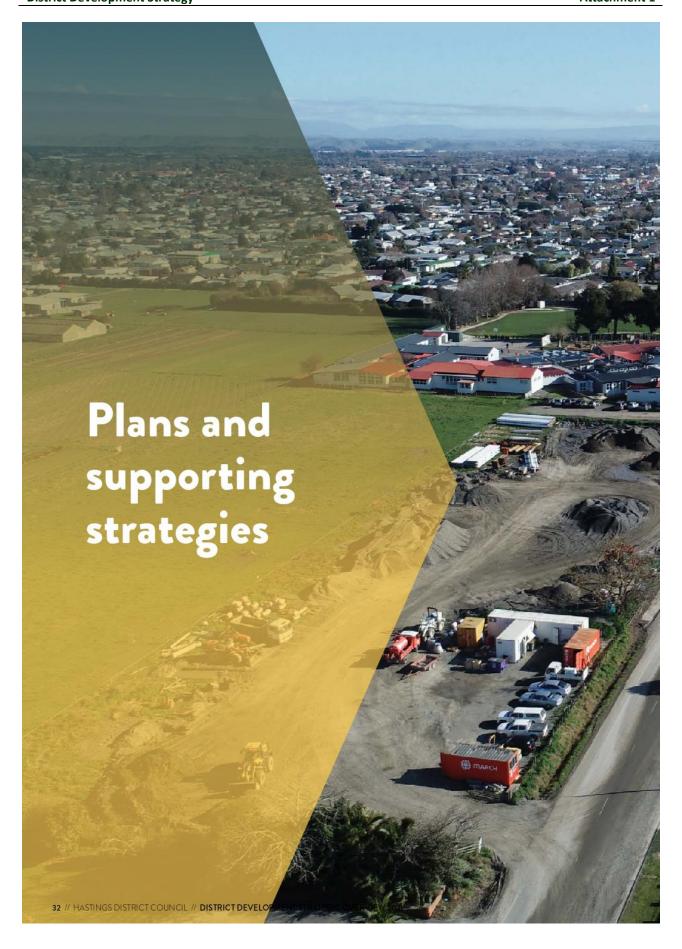
Healthy environment and people

- Innovation and new practices need to be encouraged to move toward a low carbon and low waste economy. The transport impacts can be managed through infrastructure improvements and demand management. The LED streetlight conversion programme, along with using recycling in road construction are two current initiatives. A focus for future improvement needs to be around managing stormwater and run-off.
- Clearly defined opportunities and standards for economic development and expansion will avoid sprawl onto productive land, avoid compromising waterway health and inform choices in regard to future water allocation.

Vibrant, safe, connected and inclusive place

- Investing in Hastings to make it a place where talent wants to live will assist in attracting the skilled labour force that will be required.
- Developing people locally, particularly our youth, will assist with meeting our labour market needs and enable people to have rewarding and productive lives. (See Great Communities Strategic Overview)
- Working with mana whenua to explore lwi investment relationships and whānau development opportunities will be beneficial for the community as a whole.
- Providing a range of walking, cycling and micro-mobility choices promotes accessibility to all parts of our community. Embracing innovation in roading infrastructure by exploring new technologies such as "Smart Cities" will assist with better connected and integrated urban areas. Safety and accessibility of popular motorcycle routes, footpaths and cycleways for vulnerable users along with active enforcement of education and road safety are other priorities.
- We need to continue working toward creating a community which is underpinned by a reputation as a safe place to live, work and play if we are to attract and retain the talent we need.

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Plans and supporting strategies to deliver on the District Development Strategy:

- Regional Economic Development Strategy (Matariki Reds) was created by iwi, local authorities, business and central government and its purposes are to support the creation of jobs, to raise incomes in Hawke's Bay and to improve the overall economic performance and competitiveness of the region.
- Heretaunga Plains Urban Development Strategy (HPUD's) sets out the approach to assist the local authorities to plan and manage growth on the Heretaunga Plains. The strategy quantifies the level of growth over a 30 year period from 2015 and how that growth is to be effectively managed through regulatory and infrastructure plans.
- Hastings Urban Issues and Urban Design Strategy sets out the framework to coordinate future streams of work as they respond to both current and future urban issues requiring place-based solutions.
- Medium Density Housing Strategy outlines the approach to achieving the residential density targets as detailed within the Heretaunga Plains Urban Development Strategy.

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- Regional Land Transport Plan sets out the transport priorities for the region and links with the Government Policy Statement on Land Transport and into the funding body (National Land Transport Fund administered by NZTA).
- Walking and Cycling Strategy sets out the iway philosophy and our sustainable transport objectives along with the remaining investments and enhancement projects required for the network.
- Bridges Strategy outlines the approach and priority bridges for strengthening to respond to both HPMV and VDAM requirements.
- 30 Year Infrastructure Strategy details the specific growth infrastructure needs, timing of investments and development locations within Hastings District.
- Flaxmere Town Centre Urban
 Design Framework provides a land
 use planning framework, guiding
 decisions on urban form, land use and
 community projects in and around the
 Flaxmere Village Centre.
- Havelock North Village Centre Framework guides planning and growth of the village centre in a way that is consistent with sustainable development.
- Corridor Management Plans (CMP's) – set out the strategic direction and potential investments on key routes.







Council will monitor a set of measures to gauge whether progress is being made against the strategy outcomes:



- Available capacity of 20% for industrial growth
- Number of filled jobs increases by 1.5% annually (Think HB)
- Increase in business users by 10% annually 'Great Things Grow Here'
- Export tonnage at Napier Port increases 2% annually
- · Filled jobs increases by 1.5% annually
- 10% increase in visa applications for Hawke's Bay
- Fully subscribed programme, with increasing number of FTE staff (Productivity Programme)
- 60,000 I-site visitors per annum
- 100,000 visitors to Splash Planet per annum (over 45% from outside region)



- A minimum of 20 hectares vacant greenfield land
- Extra 4,048 households by 2045 (infill, site redevelopment, and brownfields)
- Number of household units created by consent within the central commercial
 7006
- Decreasing number of households on public housing register
- Number of contents/plan changes granted outside of the Heretaunga Plains Urban Development Strategy framework



- Reduce percentage of rural network roads that are inaccessible to 0.4% (6km) from baseline of 12.2%
- Increase percentage of network that's HPMV capable increases to 21.5% (353km) from baseline of 11.1%
- Journeys affected due to unplanned road closures not more than 400,000 per annum
- Parking occupancy does not exceed 85%

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