

# Rautaki Hanganga o Aotearoa

New Zealand  
Infrastructure Strategy

2022 - 2052

Links to current government  
infrastructure reforms and work  
programmes



# Introduction

A number of the Infrastructure Strategy’s recommendations, or elements of recommendations, relate to work that’s already planned or underway by government. In this document we have summarised some of those government reforms and work programmes that are underway and the relationship to the Infrastructure Strategy recommendations. Further information on these recommendations can be found in Rautaki Hanganga o Aotearoa, the New Zealand Infrastructure Strategy.

## Air Navigation System Review

Te Manatū Waka Ministry of Transport is working with the aviation sector to undertake a broad, first principles review focusing on settings in three key areas of the air navigation system: policy & regulatory, institutional and funding.

The Infrastructure Strategy recommendation that relates (or partially relates) to this work programme:

Number	Recommendation
11	Prepare for zero-emissions commercial electric flights and unmanned aircraft

## Transport Asset Management Data Standard Project

The Asset Management Data Standard is a collaboration between Waka Kotahi, the Road Efficiency Group, and the transport sector to improve the management of land transport infrastructure asset information that supports best decisions about New Zealand’s land transport assets.

The Infrastructure Strategy recommendation that relates (or partially relates) to this work programme:

Number	Recommendation
62	Accelerate the adoption of open data and common standards for infrastructure

## The Congestion Question (Auckland congestion charging)

The Congestion Question was established by the Government and Auckland Council to investigate whether to introduce congestion pricing in Auckland. The Transport and Infrastructure Committee held an inquiry into whether congestion pricing should be introduced in Auckland. It recommended that the Government progress legislation to enable New Zealand cities to use congestion pricing as a tool in transport planning.

The Infrastructure Strategy recommendation that relates (or partially relates) to this work programme:

Number	Recommendation
21	Reduce congestion and improve urban mobility

## Construction Sector Accord: Transformation Plan

The Construction Sector Transformation Plan is a three-year plan of action from industry and government to lift the performance of the construction sector. Actions in the Transformation Plan focus on change in six areas: leadership, business performance, people development, health, safety and wellbeing, regulatory environment, and procurement and risk.

The Infrastructure Strategy recommendations that relate (or partially relate) to this work programme:

Number	Recommendation
38	Strengthen government as a sophisticated client of infrastructure
64	Provide certainty to industry to invest in skills and training development
65	Develop the talent required to deliver New Zealand’s future infrastructure
67	Strengthen government client-side capability to plan, design and deliver projects
68	Recognise major project leadership as a role with comparable complexity to organisational leadership.

## Construction Skills Strategy and Action Plan

The vision of the Construction Skills Strategy is that the government collaborates with industry to drive a rapid and sustainable shift that delivers the right people, at the right time, with the right skills, to meet New Zealand’s current and future construction needs. The Government has approved the Skills Action Plan which encompasses 6 priority initiatives to help ensure a fit-for-purpose construction workforce now and in the future.

The Infrastructure Strategy recommendation that relates (or partially relates) to this work programme:

Number	Recommendation
65	Develop the talent required to deliver New Zealand’s future infrastructure

Digital Strategy for Aotearoa

The New Zealand Government is developing a Digital Strategy for Aotearoa. The Strategy will set out the goals, priorities and activities for the next 2 to 5 years, along with longer term results (out to 2031 and beyond).

The Infrastructure Strategy recommendations that relate (or partially relate) to this work programme:

Number	Recommendation
9	Reduce barriers to and costs of providing infrastructure services
61	Increase the diffusion of existing technologies to increase productivity in the infrastructure sector
62	Accelerate the adoption of open data and common standards for the infrastructure sector
63	Accelerate the digitalisation of infrastructure

Emergency Management Reform and Critical Infrastructure Regulatory Setting Review

A broad, multi-year work programme of reform is underway to deliver extensive change to New Zealand's emergency management system. This includes a review of the existing legislation under the National Emergency Management Agency's Regulatory Framework Review Programme (also known as the 'Trifecta Programme'). Changes proposed include enhancing the roles and responsibilities of those agencies covered by emergency management legislation.

The Infrastructure Strategy recommendations that relate (or partially relate) to this work programme:

Number	Recommendation
25	Increase the resilience of critical infrastructure
26	Improve infrastructure risk management by making better information available

Future of the transport revenue system review

This is a first principles review of the current land transport revenue system to ensure it is fit for purpose and can meet future requirements.

The Infrastructure Strategy recommendation that relates (or partially relates) to this work programme:

Number	Recommendation
48	Reform the transport funding system

Health and disability system reforms

The health sector is currently undergoing a major structural reform, with the 20 district health boards being amalgamated into a new national entity, Health New Zealand, operating from four regional offices.

The Infrastructure Strategy recommendations that relate (or partially relate) to this work programme:

Number	Recommendation
38	Strengthen government as a sophisticated client of infrastructure
39	Increase the clarity of long-term investment intentions for public infrastructure agencies
41	Improve infrastructure performance reporting and insight
42	Optimise infrastructure investment by considering non-built solutions
45	Improve the infrastructure project knowledge base
50	Consolidate existing separate infrastructure capital funds
54	Increase infrastructure funding to meet our infrastructure challenges and boost productivity
56	Improve public understanding of how infrastructure is funded
67	Strengthen government client-side capability to plan, design and deliver projects

Housing and urban growth work programme

The housing and urban growth work programme places a spotlight on increasing affordable housing supply. The reform includes the National Policy Statement -Urban Development, Medium Density Residential Standards, Urban Growth Agenda and Urban Growth Partnerships.

The Infrastructure Strategy recommendations that relate (or partially relate) to this work programme:

Number	Recommendation
18	Improve the efficiency and consistency of urban planning by standardising planning rulebooks
23	Increase housing development opportunities in areas with good access to infrastructure
51	Improve funding of infrastructure services through targeted rate funding

Just Transition

The Ministry of Business, Innovation and Employment has established a Just Transitions Unit to help share and coordinate the work of transitioning New Zealand to a low emissions economy. A key focus of a Just Transition in New Zealand is to ensure that regions are activated and supported to plan and manage the social, economic, and environmental impacts of a transition. A successful transition is where regions can identify and then act upon new opportunities and manage the impacts in a way that is fair and just.

The Infrastructure Strategy recommendation that relates (or partially relates) to this work programme:

Number	Recommendation
7	Ensure a fair, inclusive and equitable transition to a low-emissions economy

Resource Management Reform

This major reform programme will change how infrastructure is planned, consented and delivered. It will for example, require regional spatial strategies, which will ensure a more integrated approach to land use and infrastructure planning. The Government plans to repeal the Resource Management Act 1991 and replace it with three new pieces of legislation.

The Infrastructure Strategy recommendations that relate (or partially relate) to this work programme:

Number	Recommendation
13	Reduce pressure on water infrastructure through better water management and conservation
16	Reduce costs by optimising infrastructure corridors
18	Improve the efficiency and consistency of urban planning by standardising planning rulebooks
20	Improve the efficiency and outcomes of infrastructure through spatial planning
23	Increase housing development opportunities in areas with good access to infrastructure
57	Strengthen the government’s mandate to deliver infrastructure
59	Improve the evidence-base for environmental consent applications
60	Develop greater certainty for infrastructure providers in the Natural and Built Environments legislation

The Emissions Reduction Plan and National Adaptation Plan

The Emissions Reduction Plan (ERP) and the National Adaptation Plan (NAP) are part of the Government’s response to climate change. The ERP will set out how New Zealand will meet its first emissions budget (2022-2025) and set the path towards meeting New Zealand's long-term climate targets. It is a key step in the country's transition to a low emissions future. The NAP sets out the direction for how we as a nation adapt to the unavoidable impacts of climate change as a nation over the next six years.

The Infrastructure Strategy recommendations that relate (or partially relate) to this work programme:

Number	Recommendation
4	Minimise lock-in of future emissions
5	Achieve net-zero carbon emissions at minimum cost
6	Speed the build of low-emissions energy infrastructure to leverage our abundant resources
7	Ensure a fair, inclusive and equitable transition to a low-emissions economy
15	Increase the supply and use of low-emissions transport modes
27	Prepare infrastructure for the impacts of climate change

The Minerals and Petroleum Resource Strategy for Aotearoa New Zealand: 2019-2029

This is a 10-year strategy that articulates the Government’s long term vision and objectives for the minerals and petroleum sector in New Zealand. It supports the transition to a low emissions future and a productive, sustainable and inclusive economy. It sets a vision of a world-leading environmentally and socially responsible minerals and petroleum sector that delivers affordable and secure resources, for the benefit of current and future New Zealanders.

The Infrastructure Strategy recommendation that relates (or partially relates) to this work programme:

Number	Recommendation
28	Support the security of supply of essential materials, goods and services to build, operate and maintain infrastructure

National Freight and Supply Chain Strategy

Te Manatū Waka Ministry of Transport is leading the development of the New Zealand Freight and Supply Chain Strategy, which seeks to identify what is needed to optimise the system in the coming decades. Workstreams are investigating new approaches to cooperation, regulation and investment to strengthen New Zealand’s supply chain. The main drivers for change are decarbonisation, resilience to threats and events, productivity and innovation, and wellbeing.

The Infrastructure Strategy recommendation that relates (or partially relates) to this work programme:

Number	Recommendation
8	Improve the efficiency and security of freight and the national supply chain

Review into the Future for Local Government

The local government review is an independent review looking at options for effective local governance, including functions and roles, taking into account the government’s broader reforms.

The Infrastructure Strategy recommendations that relate (or partially relate) to this work programme:

Number	Recommendation
14	Realign local government boundaries, where appropriate, to improve coordination of infrastructure and planning outcomes
47	Improve equitable funding of local infrastructure
49	Reform the transport funding system

Te Waihanga current and planned work programme

Te Waihanga has a number of current and planned programmes of work that will give effect to Strategy recommendations. Te Waihanga is also supporting the infrastructure components of a number of the reform and policy projects listed in this document.

The Infrastructure Strategy recommendations that relate (or partially relate) to this work programme:

Number	Recommendation
1	Strengthen partnerships with Māori across the infrastructure system of Aotearoa New Zealand
2	Develop capabilities and capacity across the infrastructure system for effective partnerships with Māori
3	Strengthen the Māori infrastructure evidence base
16	Reduce costs by optimising infrastructure corridors
24	Improve spatial planning through better information on infrastructure capacity and costs to service growth
27	Prepare infrastructure for the impacts of climate change
40	Strengthen independent advice for infrastructure prioritisation
41	Improve infrastructure performance reporting and insights
45	Improve the infrastructure project knowledge base
46	Improve infrastructure cost analysis
56	Improve public understanding of how infrastructure is funded
60	Develop greater certainty for infrastructure providers in the Natural and Built Environments legislation

64	Provide certainty to industry to invest in skills and training development
65	Develop the right talent required to deliver New Zealand’s future infrastructure
68	Recognise major project leadership as a role with comparable complexity to organisational leadership

Three Waters Reform

The Three Waters Reform programme proposes a major change to the ownership and governance arrangements for three waters and as a result, the way this core infrastructure is planned, delivered, maintained and operated. The Government has confirmed it will create four publicly owned water entities for the benefit of all New Zealanders.

The Infrastructure Strategy recommendations that relate (or partially relate) to this work programme:

Number	Recommendation
12	Improve water infrastructure pricing and provision in cities
13	Reduce pressure on water infrastructure through better water management and conservation

Waste sector legislation and strategy review

This review includes enabling a reduction of waste through a programme of expanded waste levies, product stewardship schemes, reducing organic waste sent to landfill, investment in recycling infrastructure, the phase-out of some types of plastics, reducing construction and demolition waste and improving compliance, monitoring and enforcement.

The Infrastructure Strategy recommendations that relate (or partially relate) to this work programme:

Number	Recommendation
29	Establish a clear national direction for circularity in waste management
30	Prioritise options that minimise waste entering the market to avoid unnecessary infrastructure costs
31	Improve recycling infrastructure for priority materials
32	Use behavioural interventions to address barriers to recycling, reduce waste and avoid contamination
33	Reduce landfill emissions resulting from organic waste
34	Develop uses for recycled materials in infrastructure



