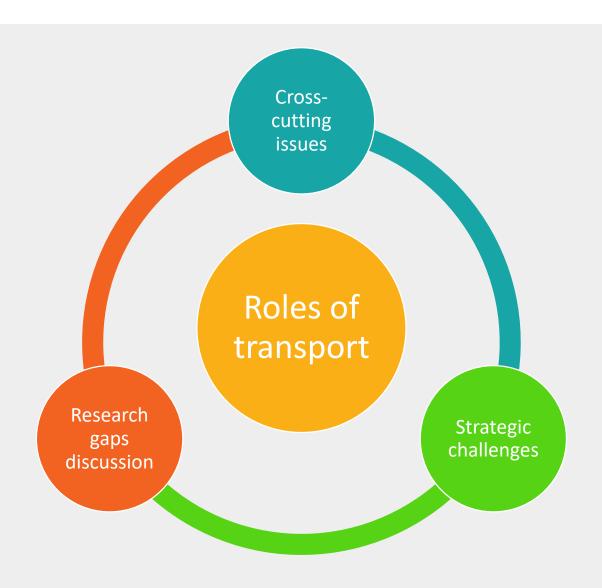
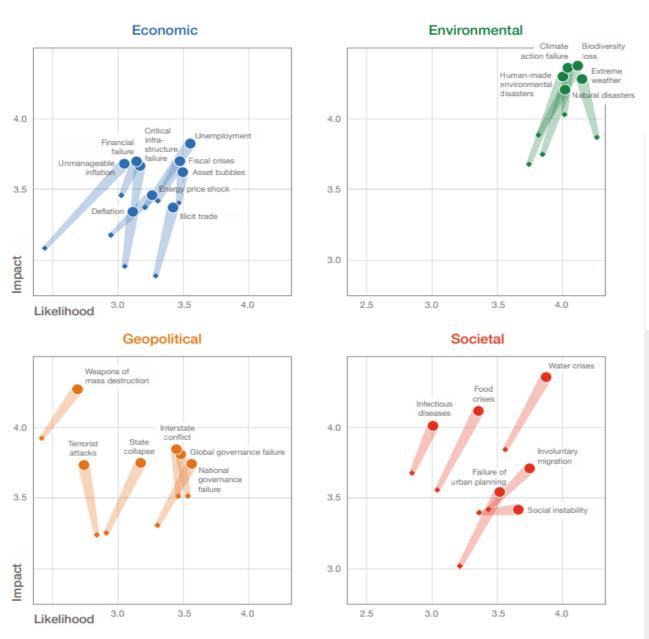
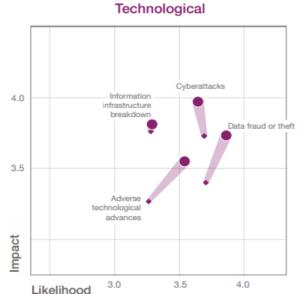


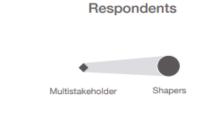


### Introduction









The Global Shapers Community is the World Economic Forum's network of young people driving dialogue, action and change.

### How to build back better?

Long standing cross-cutting issues

Economic – Jobs, productivity Environmental - More sustainable Social - Less inequality

Transport contributes to 5% of GDP and 4% of NZ workforce, it also supports the tourism industry - both the aviation and tourism industries are severely affected by Covid-19

### Before Covid-19



27<sub>m</sub>



36<sub>m</sub>

INTERNATIONAL

air passenger movements

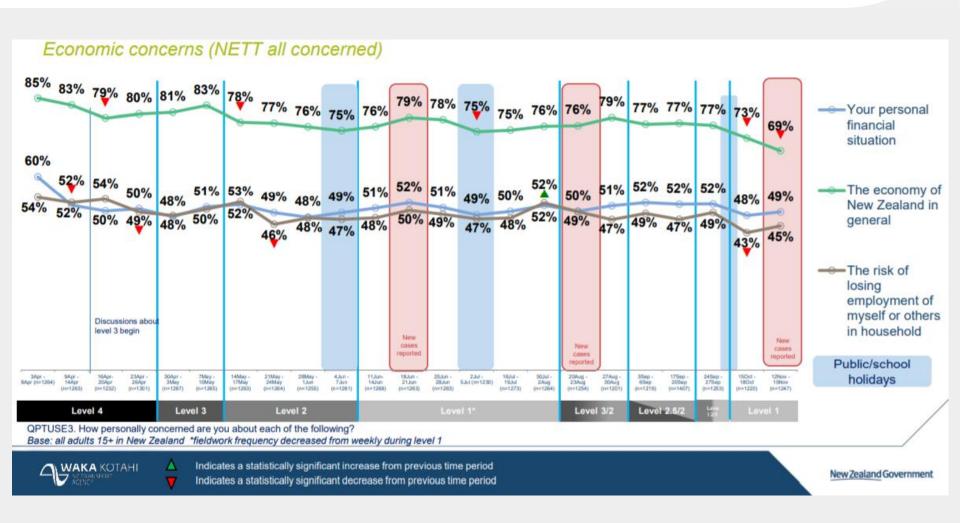
Being a small economy, we rely on international trade, the supply chain is currently facing a range of domestic and international issues and uncertainties





in 2018

# Nationally, concerns about the economy of New Zealand have decreased significantly recently, although personal finances are largely unchanged



We have a range of transport infrastructure assets to maintain and improve – infrastructure investment has traditionally been an area of great interest to the public







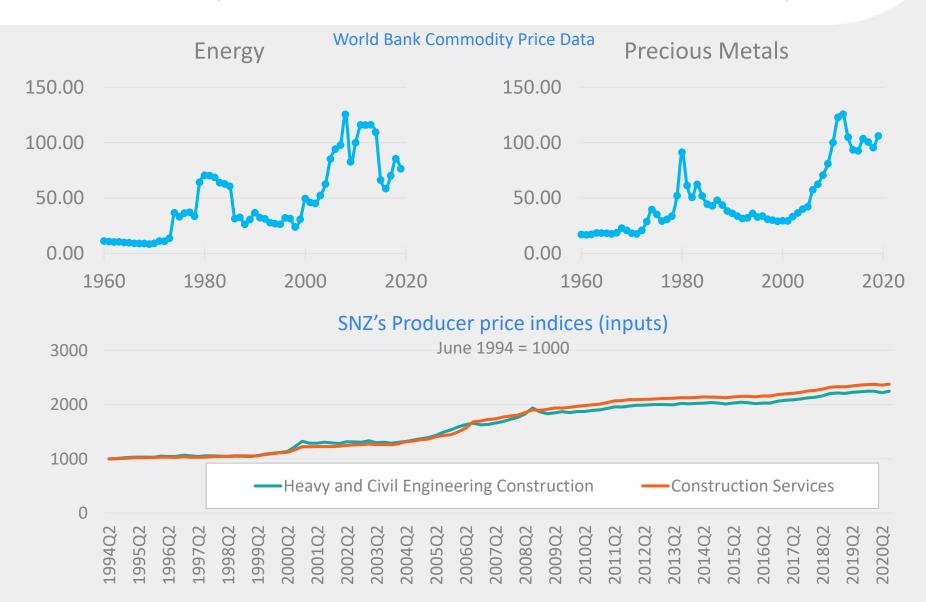


17 SEA PORTS

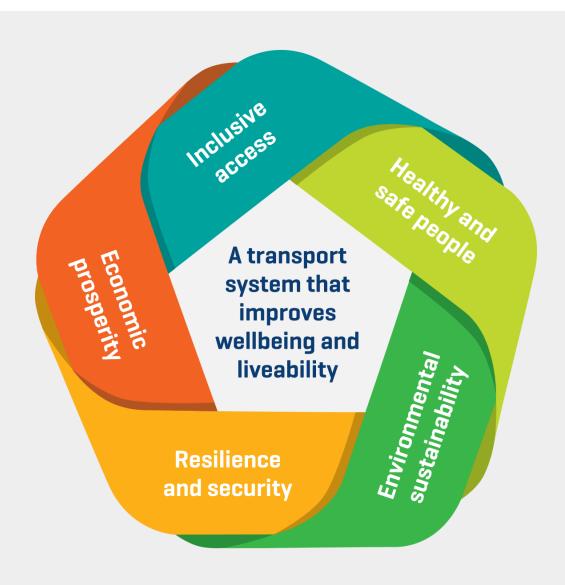


25
AIRPORTS

Costs are increasing – So, how do we plan and invest in transport infrastructure in a manner to better utilise limited natural resources and meeting the wider environmental, social and economic goals



Although infrastructure plays a key role in supporting the transport system, we have been placing more emphasis on delivering a transport system that improves wellbeing and liveability as outlined in the Transport Outcomes Framework

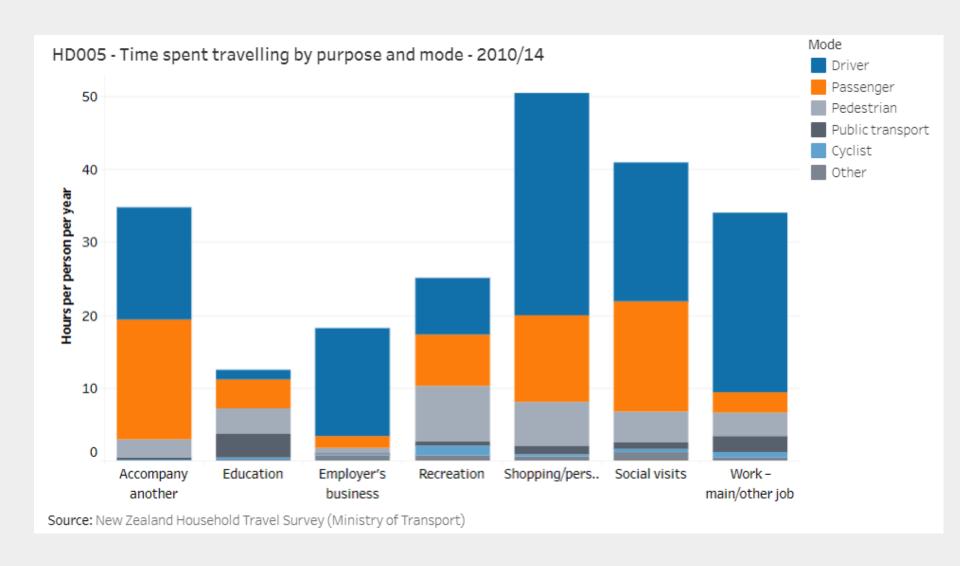






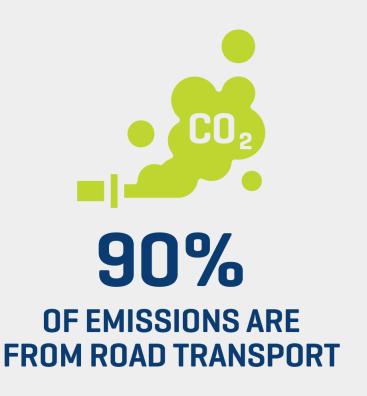


# Aside from commuting, travelling by car is also a key form of transport for shopping & employer's business

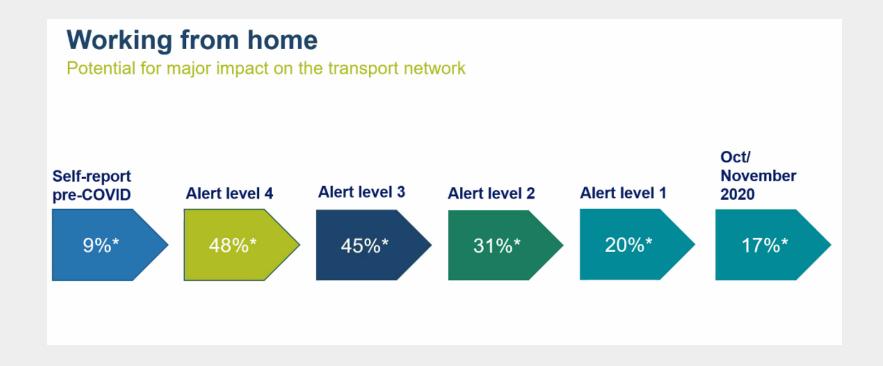






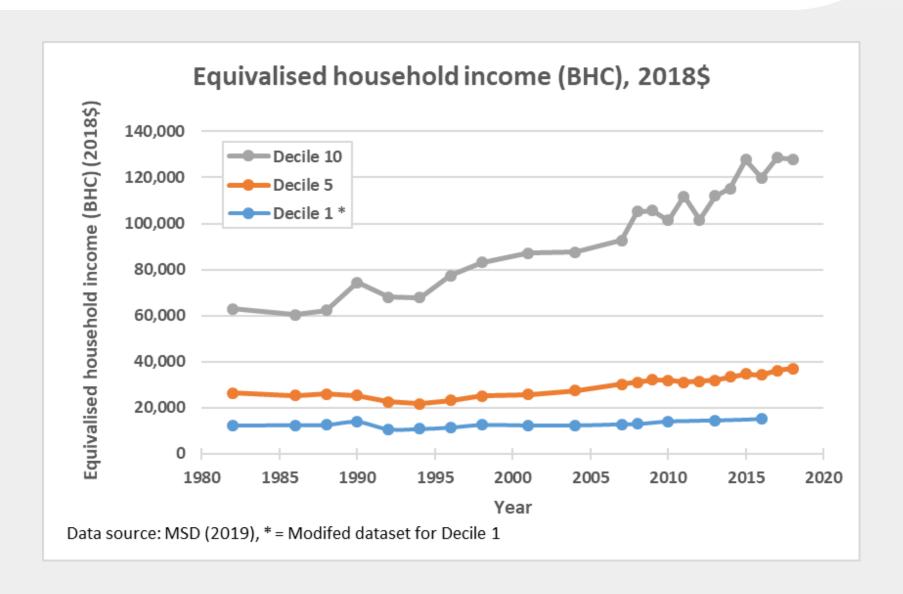


One way to reduce GHG emission is through reduction in the amount of travel we do. While working from home seemed to be viable for many jobs during the lockdown, data shows the trend might be reverting.



Source: Waka Kotahi NZTA

Covid-19 impacts different population groups differently with young workers, women and rural communities more vulnerable, especially those belong to the low income groups



### Risks from not managing changes effectively

#### Social risks

- Safety and security threats
- Public transport viability
- Digital and financial exclusion
- Effects on health and wellbeing

# Environmental risks

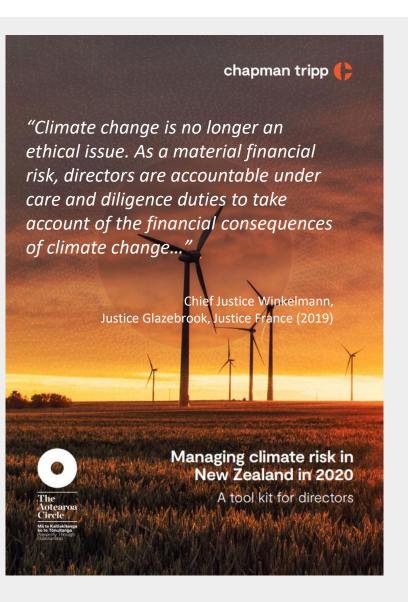
- Urban sprawl
- Local environment
- Congestion

#### **Economic risks**

- Abuse of monopoly power
- Job loss
- Skills mismatch

Source: UK DfT (2019), Future of Mobility: Urban Strategy

### Actions by the business sector



# Key recommended actions for business directors:

- Track the views of consumers to see if and how social values are changing
- Conduct future-focused scenario analysis to enable values-based approaches to strategy
- Take climate risk seriously and re-evaluate plans and strategy as information changes
- Create time, space and budget to tackle climate risk
- Recognise the increasingly measureable impact of climate-related financial risk on company and asset valuations



# Sustainable Finance Forum Roadmap for Action

Final report – November 2020

#### Changing mindsets

- Make environmental and social impacts compulsory in investment
- Develop capability thru education and training
- Improve public and private sector governance

# Transforming the financial system

- Improve data and information
- Improve reporting and disclosures
- Improve coordination
- Integrate environmental, social and cultural outcomes into decisions
- Create an inclusive financial system
- Develop whole-ofgovernment strategy

## Financing the transformation

- Improve prudential regulation
- Develop standards and pathways to encourage investments for environmental, social and economic outcomes



# NZ Sustainable Business Network (2020) The Circular Economy Opportunity for Auckland



### The roles of transport in a circular economy

#### Regenerate

Shifting to renewable energy and materials

#### **Virtualise**

Delivering goods and services virtually

#### **Exchange**

Replacing old materials with advanced renewable counterparts



#### **Optimise**

Improving product efficiency and reducing waste

#### Share

Sharing of products to utilise throughout product life spans

#### Recycle

Reusing or remanufacturing materials to minimise demand for new materials

Related reference: McKinsey (2016), The Circular Economy: Moving from theory to practice.

In this session, we would like to explore the research required to better understand and gear up what the transport sector could/should do in meeting a range of strategic challenges such as:

How do we plan around domestic and global economic uncertainties (e.g. pandemic and the broader geopolitical issues) to better cushion the impacts on trade and transport?

How do we understand what drives changing consumption behaviour so that we make the right transport policy and investment decisions to influence those behaviour?

How do we develop capability and capacity to utilise and understand the level of data that is available due to (accelerated) e-commerce and digitalisation?

How do we better understand what drive decisions on flexible ways of working to assist development of enabling urban and transport planning?

How do we navigate changes in the supply chains, e.g. the uptake of reproduction, reuse and recycle, and the demand for different logistics services (e.g. reverse logistics)?