

# Developing a monitoring and evaluation framework for the Transport Outcomes Framework

*Part of a larger project to align appraisal, assessment and evaluation across the transport sector*

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# Outline

- Current situation
- Our approach: the 4 work programmes
  - Developing the transport evidence base
  - Improving transport assessment and appraisal
  - Outcomes measurement and reporting
  - Supporting Crown entity alignment
- Timeframes and next steps

# Current situation

- Different stakeholders have different:
  - Datasets and definitions
  - Sets of indicators and measures
  - Ways of assessing proposals and evaluating performance
- Creates complexity, misalignment, and inefficiencies



# Our approach

- A strategic-level portfolio approach to align appraisal, assessment and evaluation across the transport system
- Based around the new Transport Outcomes Framework
- Includes:
  - Existing workstreams plus new work
  - Ministry-led work plus projects led by other agencies (that the Ministry is supporting e.g. the Living Standards Framework)

## Work Programme 1: Developing the Transport Evidence Base

**Workstream A – Research Strategy**  
Develops the transport evidence base

**Workstream B – Domain Plan**  
Prioritises the transport evidence base

**Workstream C – Evaluation Strategy**  
Assesses the transport evidence base

**Workstream D – Modelling Strategy**  
Models the transport evidence base



Government Strategy and Direction

Long Term Transport System Outcomes

Long Term Multi-Modal Strategy

Long Term Futures work

Medium Term Multi-Modal Strategies

System Levers – Values & Parameters

Appraisal and Assessment Methodologies

System Levers – Direction and Investment

Requirements and Delivery Programme

Treasury's Living Standards Framework

Transport Outcomes Framework

Portfolio View

Future strategy projects e.g. PT2045

In and Cross System Strategies / Mezzanine

System Values and Parameters

Social Impact Assessment

CBA

Environmental Impact Assessment

Prioritising investments e.g. GPS

Improving land use and local incentives

Using data and new technologies e.g. Dashboards

Changing behaviour using prices and charges e.g. Fees review

Regulation and standards e.g. Rules programme

Crown entity delivery and performance monitoring

Strategy and Direction to Operational Policy and Implementation

## Work Programme 2

Improving Transport Assessment and Appraisal

**Workstream A – System Level Values, Parameters and Approaches**

- Update Value of Statistical Life (VOSL), Value of Time (VoT) and Value of Reliability (VoR)
- Approach to resilience
- System level decision making framework

**Workstream B – Review and Update IAF and EEM (NZTA)**

- Support NZTA workstreams to update IAF and EEM

**Workstream C – Social Impact Analysis (SIA)**

- Develop SIA Framework and Methodology
- Utilise SIA framework on relevant policy proposals

**Workstream D – Environmental Impact Assessment**

- Value of carbon and emissions

## Work Programme 3

Outcomes Measurement and Reporting

**Workstream A – Living Standards Framework (LSF)**

- Review Living Standards Framework and ensure the Transport Outcomes Framework links through both this and the Wellbeing budget

**Workstream B – Transport Outcomes Framework**

- Develop outcome measures, metrics and reporting structures for the Outcomes Framework

**Workstream C – GPS measures and reporting**

- Develop outcome measures, metrics and reporting structures for the GPS

**Workstream D – In and cross system strategies**

- Ensure alignment of transport measures across work not otherwise captured (e.g. Resilience Framework, new road safety strategy, PGF)

**Work Programme 4: Supporting Crown entity alignment to the outcomes framework**

**Workstream A – Alignment of strategic direction**

- Amendment to entity strategy (Statement of Intent)

**Workstream B – Development of performance framework**

- Development of entity performance framework

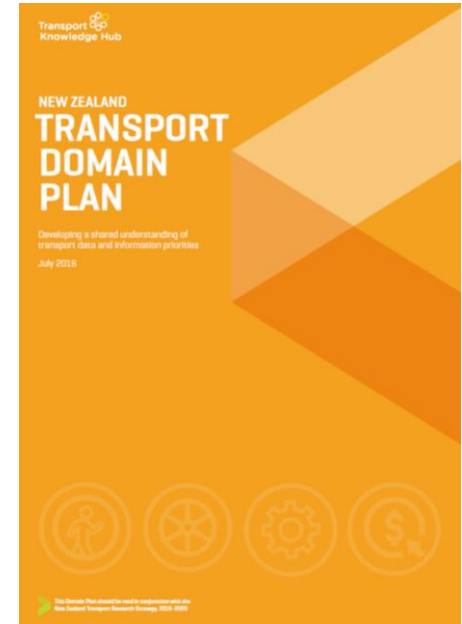
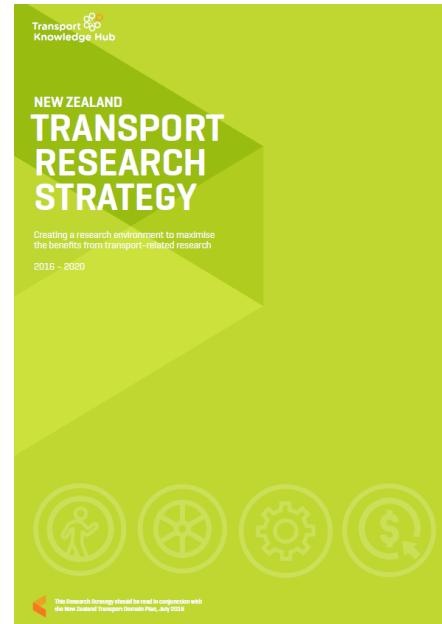
**Workstream C – "Performance story"**

- Articulate performance story against revised performance framework

## Work programme 1

# Developing the transport evidence base

- A. Refresh of the Research Strategy
- B. Refresh of the Domain Plan
- C. Evaluation Strategy
- D. Modelling Strategy (to be defined)



## Work programme 2

# Improving transport assessment & appraisal

- A. System level values, parameters and approaches (including updating the Value of Statistical Life, Value of Time, Value of Reliability etc.)
- B. Support NZTA to review and update the Investment Appraisal Framework and Economic Evaluation Manual
- C. Social Impact Analysis
- D. Environmental Impact Assessment (to be defined – part of transport's response to Net Zero Carbon)



## Work programme 3

# Outcomes measurement and reporting

- A. Living Standards Framework – support Treasury to ensure alignment between LSF transport measures and those used elsewhere
- B. Transport Outcomes Framework – develop indicators to support a strategic, long-term and integrated approach to transport
- C. Government Policy Statement on land transport – develop a reporting framework and a robust set of measures
- D. In and cross system strategies – ensure alignment between measures both internally (e.g. new road safety strategy) and externally (e.g. Provincial Growth Fund)



# Aligning reporting across the sector

- Develop a common understanding of the performance of the transport system
- Requires a cross-agency approach, including:
  - The Ministry
  - Crown entities
  - Regional and local government



# Treasury's Living Standards Framework

## The Four Capitals

Intergenerational wellbeing relies on the growth, distribution, and sustainability of the Four Capitals. The Capitals are interdependent and work together to support wellbeing.



### Natural Capital



This refers to all aspects of the natural environment needed to support life and human activity. It includes land, soil, water, plants and animals, as well as minerals and energy resources.



### Social Capital



This describes the norms and values that underpin society. It includes things like trust, the rule of law, the Crown-Māori relationship, cultural identity, and the connections between people and communities.



### Human Capital



This encompasses people's skills, knowledge and physical and mental health. These are the things which enable people to participate fully in work, study, recreation and in society more broadly.



### Financial & Physical Capital



This includes things like houses, roads, buildings, hospitals, factories, equipment and vehicles. These are the things which make up the country's physical and financial assets which have a direct role in supporting incomes and material living conditions.

# Transport Outcomes Framework

## Inclusive access

Enabling all people to participate in society through access to social and economic opportunities, such as work, education, and healthcare.

## Economic prosperity

Supporting economic activity via local, regional, and international connections, with efficient movements of people and products.

## Healthy and safe people

Protecting people from transport-related injuries and harmful pollution, and making active travel an attractive option.

## Environmental sustainability

Transitioning to net zero carbon emissions, and maintaining or improving biodiversity, water quality, and air quality.

## Resilience and security

Minimising and managing the risks from natural and human-made hazards, anticipating and adapting to emerging threats, and recovering effectively from disruptive events.

**A transport system that improves wellbeing and liveability**

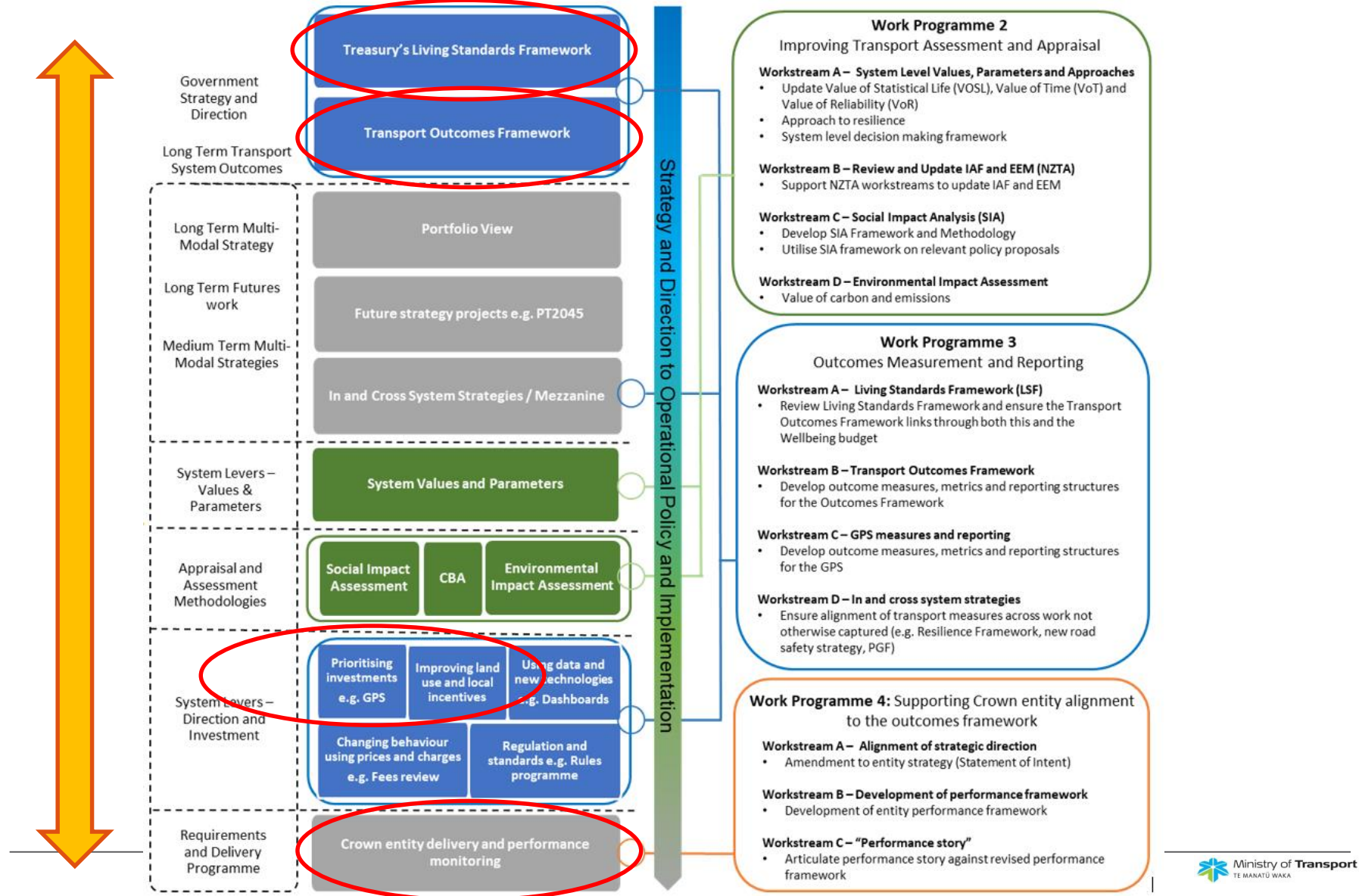
# GPS 2018

- Government Policy Statement (GPS) on land transport
- Outlines Government's strategy to guide land transport investment over the next 10 years



# Alignment across the capitals/outcomes/ priorities

Living Standards Framework	Transport Outcomes Framework	Government Policy Statement on Land Transport 2018
Social capital	Inclusive access	Access: Access Access: Choice
Human capital	Healthy and safe people	Safety
Natural capital	Environmental sustainability	Environment
Financial and physical capital	Resilience and security	Access: Resilience
	Economic prosperity	Value for money



# Progress to date

- Workshops completed for the 5 Transport Outcomes Framework outcomes and 6 GPS priorities
- Workshops attended by a variety of stakeholders including transport Crown entities, Police, KiwiRail, WorkSafe, councils, LINZ, MBIE
- Workshops are dual-purpose:
  1. Develop Outcomes Framework indicators and refine draft GPS measures
  2. Identify areas for future research and/or measure development

% of  
students  
cycling to  
school

Number of  
transport-  
related  
deaths per  
year



## Work programme 4

# Supporting Crown entity alignment

- A. Alignment of Crown entity strategic direction to the Transport Outcomes Framework
- B. Development of entity level indicators and measures to track progress against system outcomes
- C. Articulate performance story against revised performance framework



# Translating this into practice

- Greater direction on what success looks like for the transport system
- Strategy and performance measures will align with the Transport Outcomes Framework
- Transport Crown entities will be clear on their contribution to the outcomes, and can start to measure and track progress against these outcomes

# Timeframes and next steps

## November/December 2018

- Process notes from the first round of Outcomes Framework indicator workshops
- Desk research of international best practice
- Consult further with relevant stakeholders

## Early 2019

- Develop and socialise:
  - A robust set of measures that align across the system
  - A proposed reporting framework
  - Clear roles and responsibilities across the agencies

Thank you

