



ROAD INFRASTRUCTURE
MANAGEMENT FORUM

Our Carbon Equation

Consistent Condition Data Collection: Creating opportunities to reduce our carbon footprint

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RIMS

Roading Infrastructure Management Support

in association with

IDS 
Infrastructure
Decision Support

What will we cover today

1. Background
2. REG CCDC project
3. Expected benefits
4. Proposed condition data requirements
5. Proposed national approach to delivery
6. Next Steps



REG Kaitiaki Programme & sector journey

Beyond 2021 Kaitiaki Programme 2021/2026
BUSINESS CASE 'AT A GLANCE'

REG THE ROAD EFFICIENCY GROUP

The Road Efficiency Group (REG) enables collaboration and change for all road controlling authorities through genuine partnership between LGNZ, local government and Waka Kotahi NZ Transport Agency.

The Beyond 2021 Kaitiaki Programme 2021/2026 Business Case covers a funding request proposal for \$13.935M from the 2021/24 National Land Transport Fund (NLTF). An estimated \$3M (over a three-year period) of in-kind contribution is provided from RCAs above this direct contribution.

REG has supported the transport sector to succeed since 2012. The maturity of the programme has advanced as the REG partnership has developed - moving from an initial focus on delivery of specific project outputs to a focus on people.

The Kaitiaki Programme will build sector capability, provide leadership in improvement of transport outcomes, and shift the culture of transport investment to proactively address future challenges and improve decision making around wellbeing outcomes.

OUR TRANSFORMATIONAL RESPONSE

- 1. Building transformational leaders**
Will deliver a step change in customer focused investment through quality governance, leadership, and collaboration.
- 2. Activity management excellence**
Will deliver a step change in the sector's ability to deliver fit for purpose activity management.
- 3. Confident decision making**
Will enable the sector to understand and use the data needed to deliver transparent, evidence based investment.
- 4. Improved systems performance**
Will develop and enhance the use of tools, information, and systems across the sector that enable the future transport system.
- 5. Service delivery excellence**
Will incentivise change in delivery by the delivery and supply chain (governors, clients, consultants, contractors).
- 6. Building enduring capability**
Will enable the sector to build capability to delivery on community well-beings and GPS priorities.

+ IDENTIFIED BENEFITS

Improve public trust and confidence in transport investment
People understanding performance and using data required to plan and implement evidence based investment that has a clear line of sight by:

- Building transformational leaders
- Confident decision makers

KPI: Improved evidence-based decision making
People using the tools, information and systems that will enable a modern, multi-modal, future focused transport system by:

- Improved systems performance

KPI: Effective One Network Service Outcomes

Improve value for money from the transport investment
People learning and developing as a sector to improve delivery of community wellbeing and GPS Strategic Priorities by:

- Activity management excellence
- Building enduring capability

KPI: Improved activity management
Enabling strategic procurement and collaboration between stakeholders by:

- Service delivery excellence

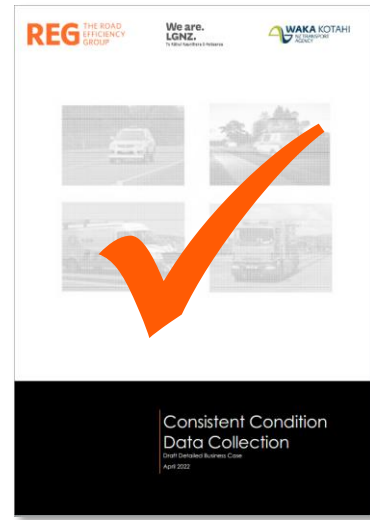
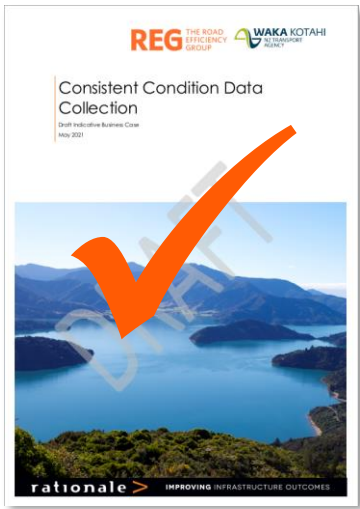
KPI: Increased Service Delivery Outcomes

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THANK YOU

for your input so far ...



Waka Kotahi endorsed indicative business case



Waka Kotahi endorsed detailed business case

Implementation planning underway

What are the drivers of change?

In 2021-24 approximately \$1.5 billion will be spent on local road sealed pavement maintenance, resurfacing, and rehabilitation.¹

- The current approaches used for assessing network condition are **outdated**, which is leading to **variable** and **inefficient** collection of pavement and surface condition data across New Zealand.
- There are **inconsistent** and **non-comparable** asset management system **outputs** impacting councils and national **decision making**.



¹ Source: Waka Kotahi 2021-24 NLTP Work Categories 111, 212, 214.



What has been achieved?

- **Engagement** with TLAs and the Sector through 2021/22 to make the **case for change** and identify the **preferred option**.
- **CCDC Detailed Business Case** endorsed by REG Leadership & Waka Kotahi in June 2022.
- Strong **sector support** and **social license** to deliver a **step change** for New Zealand.



Expected benefits



- Better **lifecycle management** and **performance**
- Enhanced **safety** and asset management **decision making**
- **Quality assured** condition data
- **Value for money** data collection
- Health and safety **risk elimination**
- **Freeing** up crucial sector **capacity**



Implementation intentions



- **New minimum requirements for automated data collection** (roughness, rutting, texture, geometry, and cracking).
- **National data standards and specifications** for consistent data collection, accuracy, processing, and management.
- **Discontinuation** of current manual condition rating requirements.
- Provide **guidance and support** to TLA RCAs for **skid resistance** and **pavement strength** data collection (no min. requirements).
- National delivery model via **regional (or similar) contracts** and a national '**Centre of Excellence**' approach to quality assurance and validation.



The challenge ahead



- Continuing to bring **TLAs and the sector** on the journey.
- Finalising the **technical solution** and embedding it in policy and practice.
- Incorporating and embedding changes in time for the **2024-27 NLTP**.
- Gearing up via investment in **modern survey systems**.
- Implementing a **commercial model** that supports a competitive supplier market.
- Preparing to deliver from **1 July 2024**.



Next steps



Project team & sector governance established

TLA RCA engagement & involvement in national delivery model

Supplier engagement & assessment of existing capability & capacity

Finalise technical requirements, standards & specifications

Funding arrangements & NLTP investment policy

2024-27 NLTP planning & programme bids

Procurement of data collection providers & survey systems

