The transport research sector is changing the way it identifies and fills knowledge gaps.

**Government’s overall goal**

- **Transport sector outcomes**
- **Data and information outcomes**

**Common framework & tools:**

- Knowledge themes
- Triple-4 knowledge development and prioritisation framework
- Transport Knowledge Hub
These are groups within the transport research community that exist to broaden research, evidence, analytical and modelling knowledge and capability.

The knowledge hubs provide a mechanism for members of the transport research community from public and private organisations, as well as academia, to connect with each other.

It is a channel for the sector to work together to identify and prioritise data and research needs considering the broader framework of the Transport Domain Plan and Research Strategy.
Strategic challenges and research focus area

**Transport Sector Strategic challenges**

**SC1:** What are the right mechanisms and technologies for managing transport demand?

**SC2:** How best to maximise the benefits of transport through best modal choice?

**SC3:** How best to minimise harm (safety and health)?

**SC4:** How best to improve the agility and resilience of the transport system?

**SC5:** How best to seize the opportunities arising from technological developments?

**SC6:** How best to lower transport-related environmental impacts?

**SC7:** How best to maintain international connectedness to facilitate economic development?

**Focus area for the next 1-3 years:**

While delivering the transport system to help New Zealand thrive, which interventions are best for lowering greenhouse gas emissions and protecting the environment that New Zealand people and businesses value?

**Note:** The full Strategic Challenges and related Actions Map document is available for download from the Ministry of Transport’s website.
The Triple-4 framework

Step 1: Identify knowledge gaps in achieving long-term sector outcomes

Step 2: Identify the nature of the knowledge gap

Step 3: Assess priority for closing the knowledge gap based on four key principles

Overall Benefit: Increasing our understanding of how the transport system helps New Zealand thrive