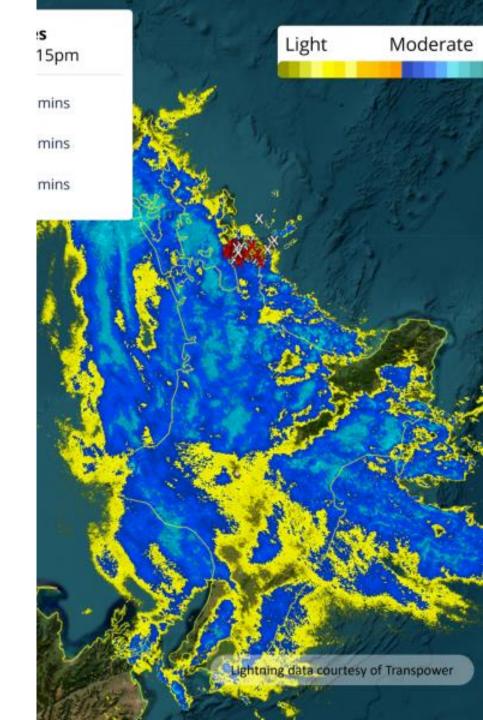


### Wild, wild weather...

When a National State of Emergency was declared on Tuesday 14 February due to Cyclone Gabrielle, more than 30 sections of state highway were completely closed to traffic, including a significant proportion of the state highways serving Northland, Auckland, Coromandel, Manawatu, the Central Plateau, Gisborne and Hawkes Bay.

The damage from Cyclone Gabrielle, the Auckland Anniversary floods and ex-Cyclone Hale across Auckland, Northland, Waikato, Coromandel, Bay of Plenty, Tairāwhiti, Hawke's Bay and the Tararua district, is extensive and means the rebuild phase will take time.



# Recovery and rebuild

# There are three phases to our response and recovery approach:

Phase	Description
Phase One: Emergency Response	Open and stabilise temporary emergency access and lifelines to affected and isolated communities. Some customer access likely to be restricted eg freight.
Phase Two: Recovery I Providing access for communities	Once lifeline connections are established, start to lift the level of service to support community access. Includes assessment, minor works and some maintenance.
Phase Three: Recovery II and betterment for the long term	Undertaking permanent rebuild alongside our partners.



# What do we mean by smarter, safer and more resilient?

The growing size and frequency of these weather events demand new ways of thinking and collaboration.

Building future resilience into the transport network, as well as taking action to adapt to the environment will be critical to delivering long-term permanent solutions.



# Region specific approach to recovery

While the immediate response and the assessment of all affected transport corridors has been our priority, we are now considering the long-term recovery solutions that will be needed for the impacted regions – Northland, Coromandel and the East Coast.



#### **Northland**

We have been using our Network Outcomes Contract (NOC) suppliers for the majority of the immediate requirements. Iwi/hapū and councils, as our partners, continue to be part of our approach. Specific contracts will be used for larger infrastructure projects, such as the longer-term repairs on SH1 at the Brynderwyns, as required.



#### Coromandel

The Waikato region uses the Network Outcomes Contract (NOC) suppliers for most of the immediate requirements. We'll use specific construction contracts for larger infrastructure projects as required.



#### **East Coast**

Hawke's Bay and Tairāwhiti

The situation in Hawke's Bay and Tairāwhiti is very different, and we need to tailor our solution to meet the needs of these regions.

Waka Kotahi is using a collaborative delivery model to manage the delivery of the recovery and rebuild works in the East Coast.

Collaborative models suit situations where there is a high level of uncertainty, a need to work at pace, and provide flexibility to scale up and down as required. In short, they are well suited to the situation on the East Coast.



## **East Coast (cont.)**

In this model, Waka Kotahi acts as a focal point to bring other parties to the table, allowing everyone to benefit.

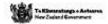
We have used collaborative models previously to successfully deliver the SCIRT (Christchurch) rebuild as well as the more recent NCTIR (Kaikōura) rebuild.

However, the scale and complexity of the damage from this event means there will be some differences. We're taking lessons learned from Christchurch and Kaikoura, making some changes and developing an enduring recovery alliance approach we can use again.



#### Weather events 2023 response and recovery





Updated May 2023 February March April May June July Phase 1: Most lifelines open + regional M&O urgent major work Regional M&O teams reopen community lifelines continues / NOC begin smaller recovery works / Emergency and rebuild urgent major network faults procurement and design larger Phase 2 recovery works All state highways response open + assessments complete State highway recovery Phase 2: Transition plans response to recovery / NOC continue recovery / Northland and scoped / assess for small or further network assessment for scale Coromandel large Phase 2 recovery underway / Current state big fixes / engage with local of recovery / engage consultants priority and high risk sites secured recovery Industry (Tiers 2+3) Priority, high risk sites secured Phase 3: Workshops to develop rebuild Rebuild strategic All strategic planning continues/ Strategic planning for strategic planning in four regions / planning continues / begin commercial, financial and Strategic planning/ all four regions completed align with resilience workstream economic case begins management plans resilience Strategic planning complete Interim alliance model designed and developed / Full all lance established and East Coast ready to go / East Coast larger engage with East Coast councils and Iwi / Procurement to confirm full alliance delivery model Phase 2 recovery underway procurement strategy developed Full alliance ready Design philosophy draft prepared / Design philosophy draft reviewed. Design philosophy aligns Design philosophy Independent technical experts engaged / Framework commenced, design feedback received & refined / standard designs developed and prioritised philosophy and standards standard designs continue and standards standard designs continue Priority standard for retaining walls & trialled for other disciplinal areas designs + overall design philosophy complete

# **Questions?**

