NZTA Geospatial Team Update

Great journeys to keep NZ moving

Geospatial Team Purpose

Providing insights that put our customers on the map

Some of our work

Self-service of tools through MapHub

Mapping and **analysis** to create insights

Managing the platform

Advising into business and **system projects**

Self–service tools – Investing

National Land Transport Programme 2018 - 21 *(Proof of Concept)*

Wellington

The Wellington region is made up of a number of cities, urban areas and supporting rural hinterland. The city is a key transport connection between the North and South Islands. The compact nature of Wellington city and constrained corridors to and from Kapiti and the Hutt Valley have shaped the transport network.

$1,439 MILLION — FORECAST TOTAL WELLINGTON INVESTMENT

$312 MILLION — FORECAST MAINTENANCE & OPERATIONS

$456 MILLION — FORECAST PUBLIC TRANSPORT

$49 MILLION — FORECAST CYCLING & WALKING

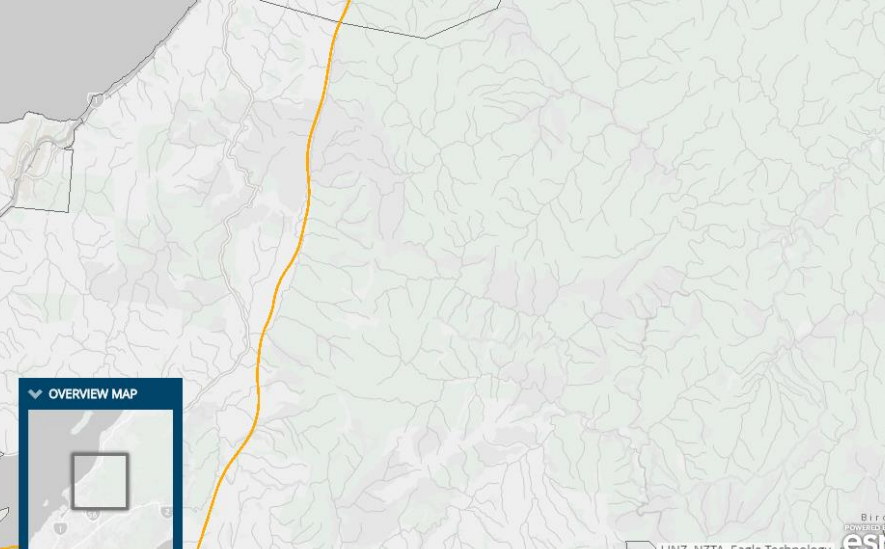**15%** — SPEND TARGETING SAFETY

Social Pinpoint test

test

Wellington

Investment highlights

- A total of $456m will be invested in public transport over the next three years to encourage continued patronage growth.
- It is expected that investment in cycling and walking in the Wellington region in the 2015-18 NLTP period will amount to $49m. This includes $22m from the Urban Cycleways Fund.
- New routes at Transmission Gully (flyover video), which is under construction, and potentially at Petone to Grenada (flyover video), which is under investigation, are expected to significantly improve the resilience of the overall network, by providing alternative routes and more capacity.
- Construction of the Wellington Northern Corridor on State Highway 1, which has been designated as a RONS by the Government, will continue over the next three years. Investment will increase capacity, resilience, reliability and safety for commuters and freight users. The investment is expected to reduce journey times by up to 40 minutes between Wellington CBD and Levin when completed.
- In the next three years, construction of the Mackays to Peka Peka section of the Wellington Northern Corridor will be completed. The $630m project will deliver approximately 18 kilometres of four-lane expressway through Paraparaumu and

Transmission Gully motorway fly-through

OVERVIEW MAP

LINZ, NZTA, Eagle Technology

Mapping and Analysis – Safety

Analysis of
1 & 2*
vehicle rating

Managing the Platform

Data
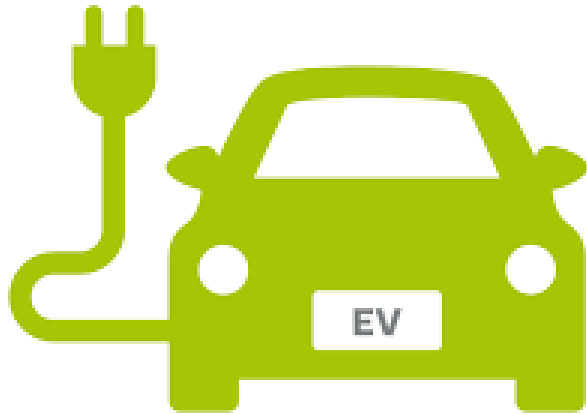- FME
- Updating our 350+ datasets

Access

Check-in
- User analytics
- MapHub survey
- Proactive insights
- Cleanup MapHub

Integration

Examples of project based work

1

2 Replacement Crash Analysis System

3 National Speed Limit Register

Thanks for listening

Any Questions?

Email spatial@nzta.govt.nz