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.

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 $48m. This includes $22m from the Urban Cycleway Fund.
- New routes at Transmission Gully (Video), which is under construction, and potentially at Petone to Grenada (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 ROI 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 Matamata to Peka Peka section of the Wellington Northern Corridor will be completed. The $60m project will deliver approximately 18 kilometres of four-lane expressway through Paraparaumu and...
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. Electric Vehicle (EV)
2. Replacement Crash Analysis System
3. National Speed Limit Register
Thanks for listening

Any Questions?

Email spatial@nzta.govt.nz