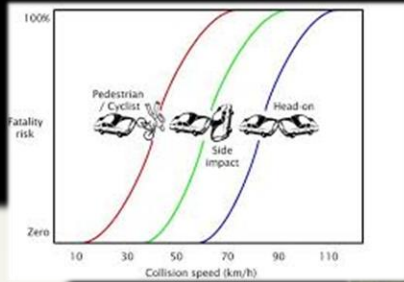




The Safe System

Introduction



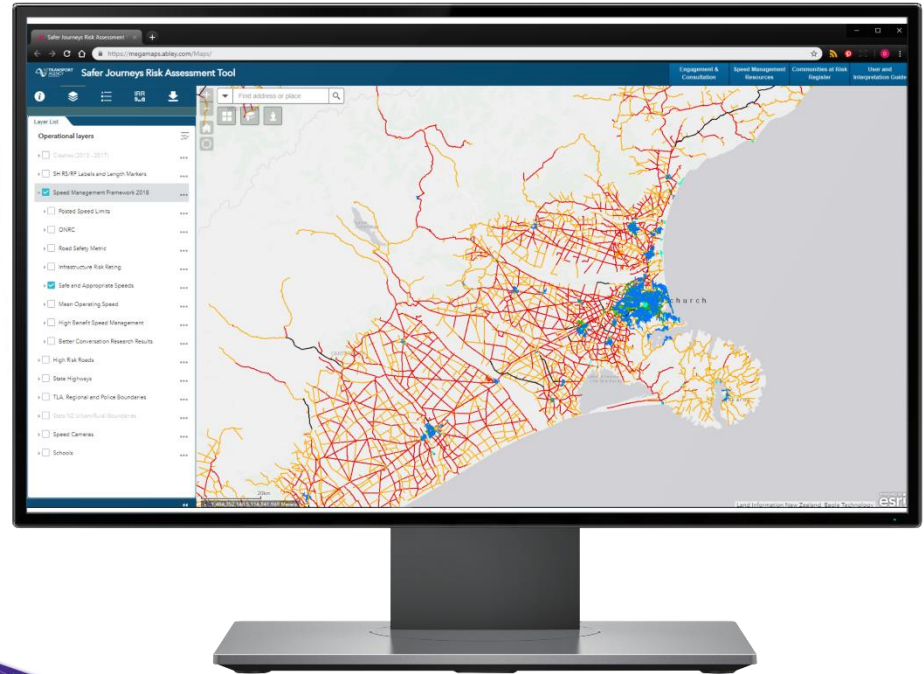
Rightcar.govt.nz

Mega Maps for Safer Journeys

Guiding speed management
and speed limit reviews across
New Zealand.

Steve Ford
11.30am Wednesday
Epsom 3

There will be chocolate fish!



National Speed Limit Register

Peter Willoughby & Sam McIntosh

Introduction

- NSLR overview
- Data migration stages
- Data migration progress
- NSLR application
- What's next
- Conclusion



NSLR overview

- The Land Transport Rule, Setting of Speed Limits 2017
- NSLR
 - modern
 - technology enabled
 - central repository
 - publicly available
- Database
- Application



Migrating the data

68 Road Controlling Authorities (RCAs)

-each responsible for managing their own data

Data migration progressed in three stages:

- 1) state highways
- 2) first 4 RCAs
- 3) remaining RCAs

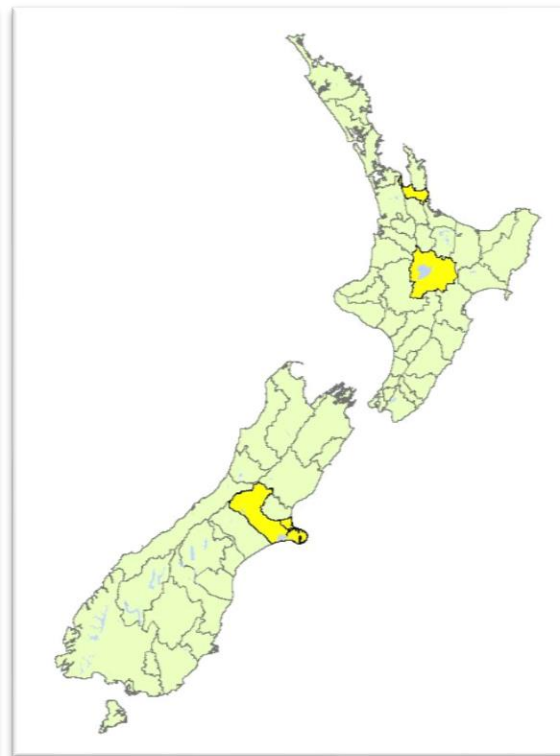
-to be migrated over the next 18 months

RCA data provided in a range of formats:

e.g. PDFs, exts descriptions, CAD, Shapefiles



NZ state highways



First 4 RCAs: Christchurch, Selwyn, Hauraki, Taupo

Data migration process

Original RCA data



“Single source of truth” excel sheet



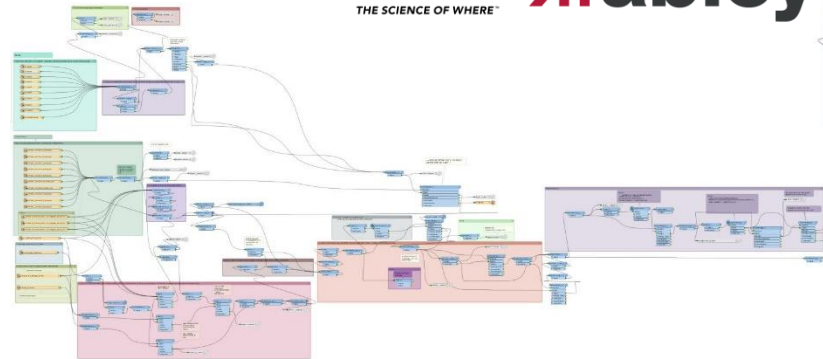
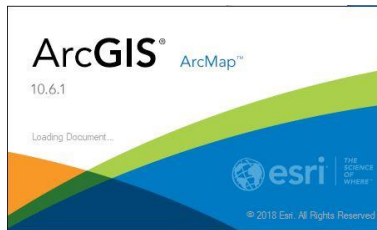
Extracting road geometries with ArcMap



Assigning attribution with FME Workbench



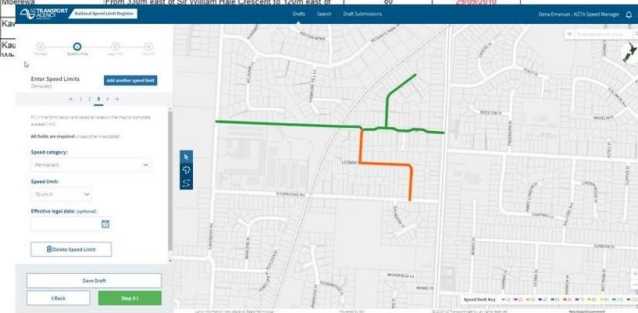
Loading migrated roads into application database



Migrating:

Line No.	Region	SH No	Locality	Description	Speed Limit (km/h)	Effective date
8	1	1N	Oikaihau	From 150m west of Settlers Way (Horeke Road) to 350m east, generally, of Settlers Way.	70	29/09/2010
9	1	1N	Ohaeawai	From 340m north-west of the junction with SH12 to 300m east of the junction with SH12	60	29/09/2010
9A	1	1	Pakaraka	From 150m north of State Highway 10 to 150m south of State Highway 10	See Schedule 2	17/10/2013
10	1	1N	Moerewa	From 60m west of Snowden Avenue to Leaty Street.	50	29/09/2010
11	1	1N	Moerewa	From Leaty Street to 330m east of Sir William Hale Crescent.	70	29/09/2010
12	1	1N	Moerewa	From 330m east of Sir William Hale Crescent to 120m east of	80	29/09/2010
13	1	1N	Kaitiaki			
13B	1	1	Kaitiaki			

Into:



- Package
- Speed Limits**
- Legal Info
- Submit

Enter Speed Limits

t21 - Hamilton City

[+ Add another speed limit](#)

Fill in the form below and select an area on the map to complete a speed limit.

All fields are required unless otherwise stated.

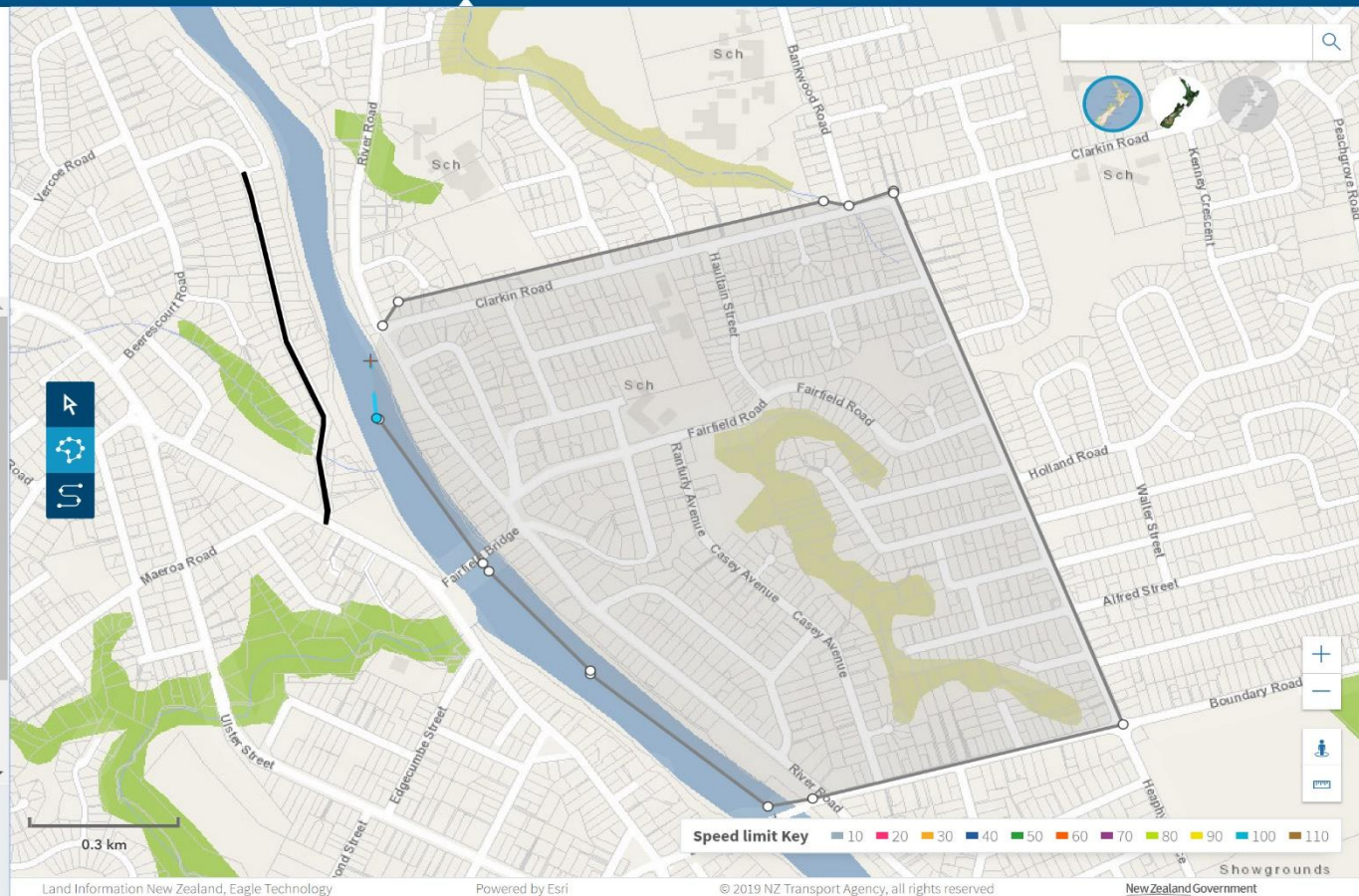
Speed category:

Speed limit:

Effective legal date: *(optional)*

[< Back](#)

[Step 3 >](#)



What's next ?

- Application development and deployment
- Data migration
- Future work



Thanks and questions

