

Lessons learned from one of New Zealand's most challenging civil engineering projects: rebuilding the earthquake damaged pipes, roads, bridges and retaining walls in the city of Christchurch 2011 - 2016.

LINZ National Forward Works Viewer Presentation

Story: Forward Works Viewer

Theme: Programme Management

A presentation created by LINZ, explaining the application and benefits of the National Forward Works Viewer.

This document has been provided as an example of a tool that might be useful for other organisations undertaking complex disaster recovery or infrastructure rebuild programmes.

For more information about this document, visit www.scirtlearninglegacy.org.nz



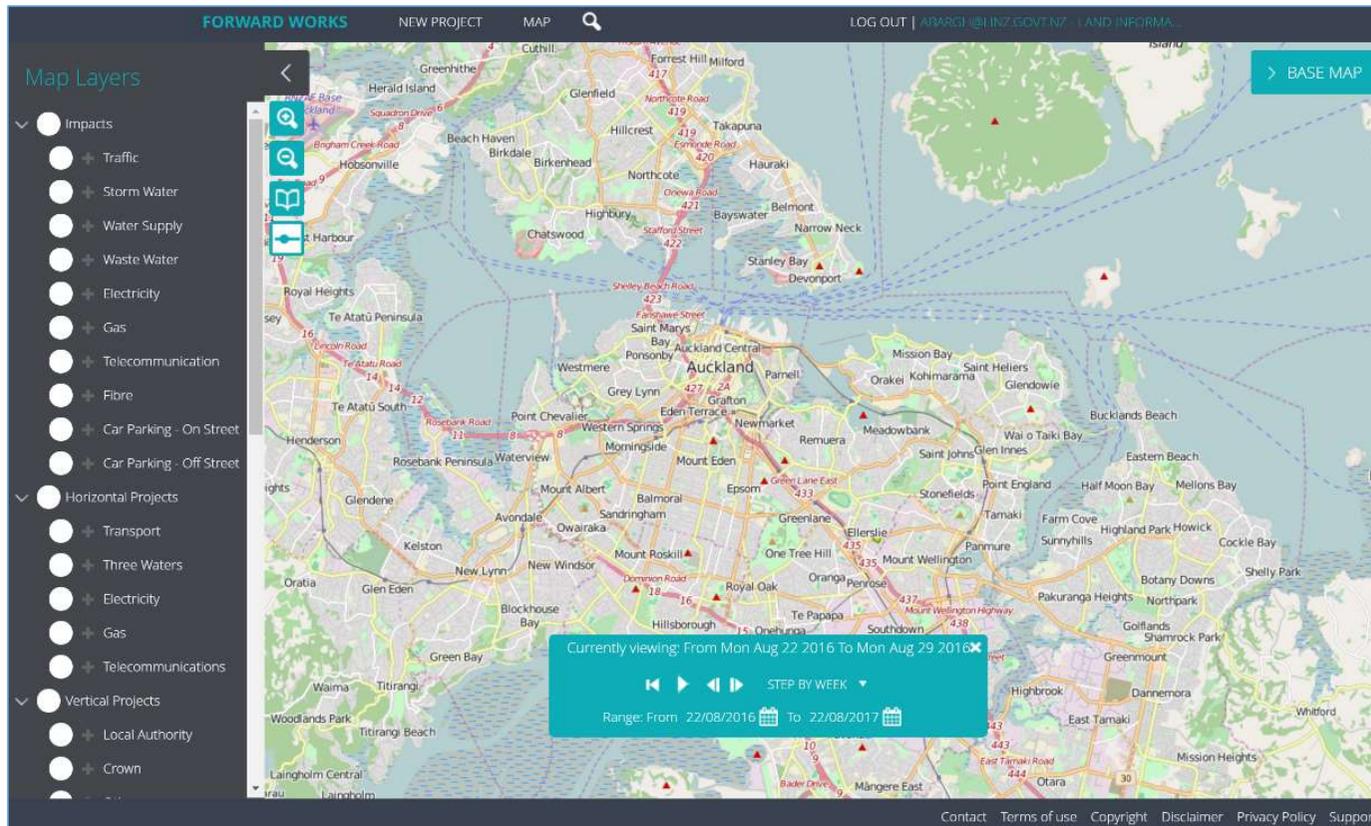
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LINZ National Forward Works Viewer

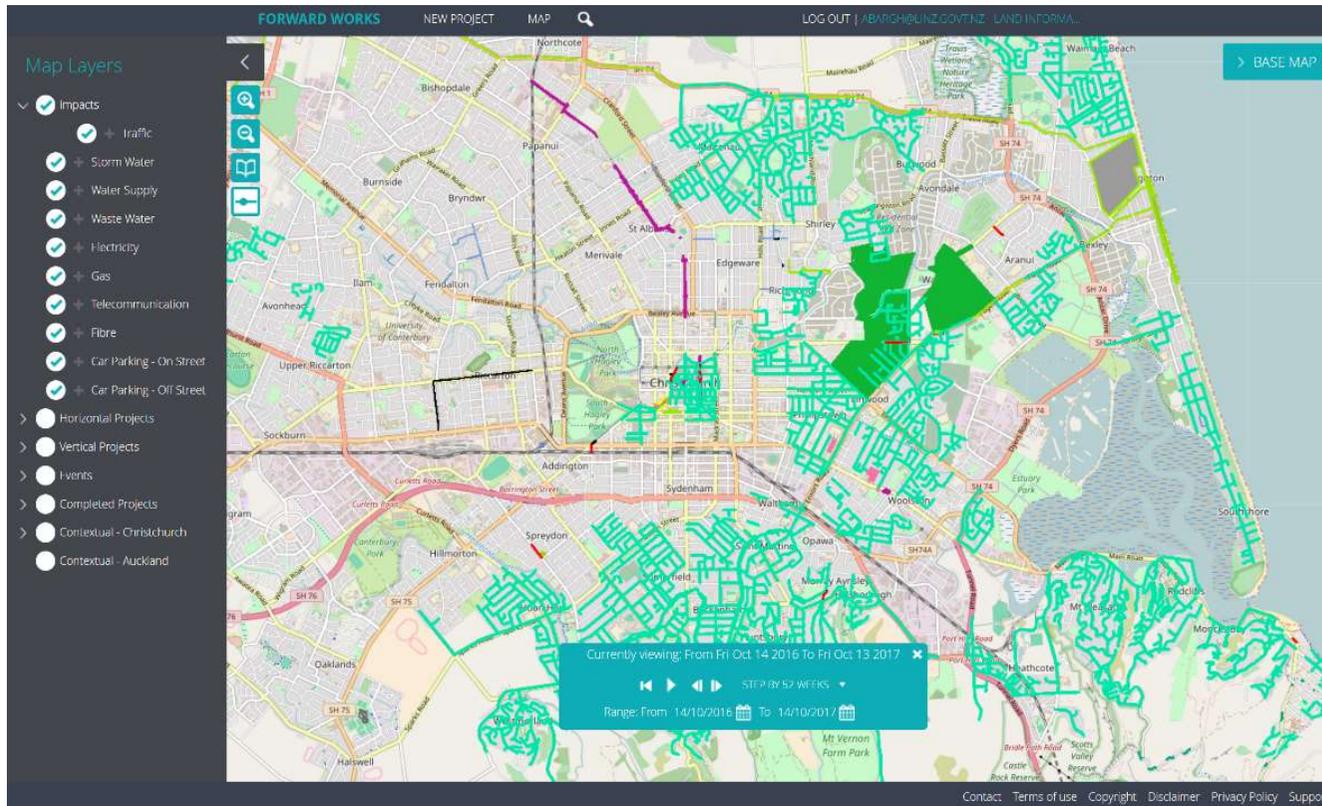


National Forward Works Viewer



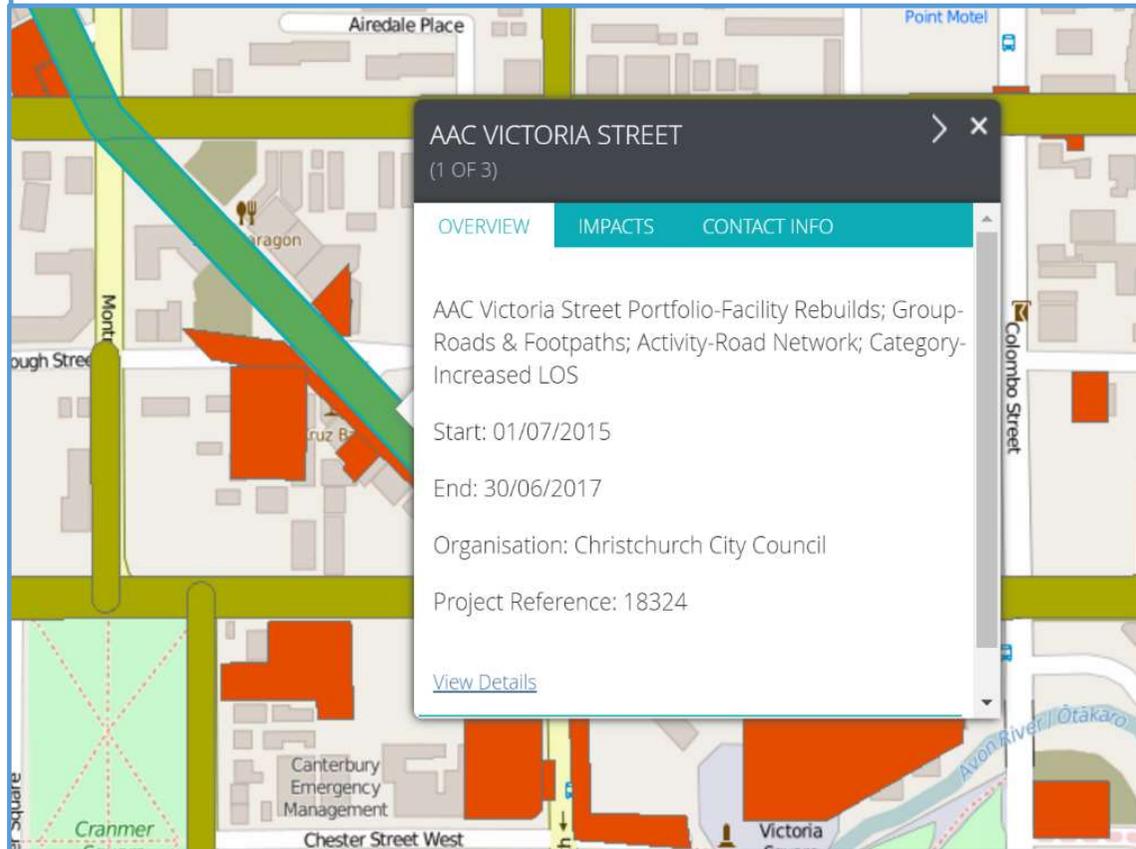
- A platform to coordinate physical work activities
- Supported by a National Governance Model (includes Auckland, LINZ, NZTA, Christchurch, Wellington & National Infrastructure Unit)
- Pooled Govt funding model
- Proven success in Christchurch post-earthquake

What are the benefits?



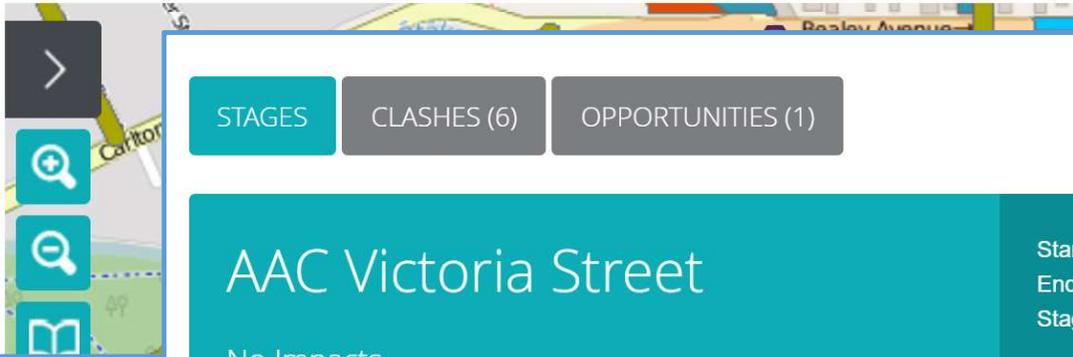
- Encourages collaboration
- Allows for project discovery
- Minimises redundancy (dig once, improved asset protection)
- Minimises disruption to public
- Improved performance of the transport network

Project: AAC Victoria Street #27516



Identify a project

Project: AAC Victoria Street #27516



STAGES

CLASHES (6)

OPPORTUNITIES (1)

AAC Victoria Street

No Impacts

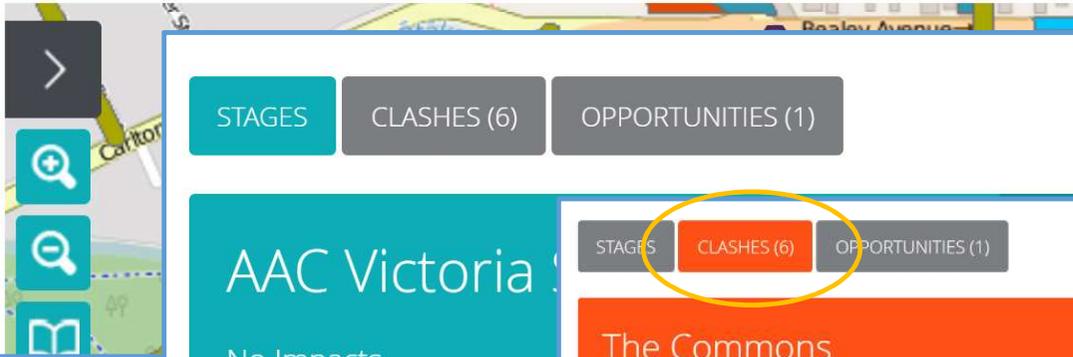
Start: 01/07/2015

End: 30/06/2017

Stage ID: 27603

Review detail

Project: AAC Victoria Street #27516



Map interface showing project location on Victoria Street. Navigation and search icons are visible on the left side.

- STAGES
- CLASHES (6)
- OPPORTUNITIES (1)

AAC Victoria Street
No Impacts

- STAGES
- CLASHES (6)
- OPPORTUNITIES (1)

<h3>The Commons</h3> <p>Gap Filler HQ, Makercrate Fab Lab, Food trucks, the Arcades http://www.gapfiller.org.nz/the-commons/ Life in Vacant Spaces (LIVS) manages land on a temporary basis while the landowner works through future plans. The Commons license has a 60 day termination period so that the landowner is able to regain control of the land when it is needed. The end date of these events/projects is TBD as it depends on the landowner's timframes for development. http://www.livs.org.nz/</p>	Start: 01/08/2012 End: 31/12/2016
<h3>Fendalton WW 11183</h3> <p>This project consists of the repair and rebuild of the publicly owned wastewater reticulation. The project is bounded by Fendalton Road, Hagley Park (inclusive), Blenheim Road and up to Creyke road There are 47 wastewater segment repairs to be replaced these repairs include the replacement of 34 junctions. This project includes CIPP patches, full length lining and another of lateral repairs</p>	Start: 29/06/2015 End: 27/11/2015
<h3>Defferred Work Central City</h3>	Start: 14/12/2015 End: 31/05/2016

Review clashes

Project: AAC Victoria Street #27516

Map interface showing project location on Victoria Street. Navigation icons include a right arrow, a magnifying glass with a plus sign, a magnifying glass with a minus sign, and a book icon.

STAGES CLASHES (6) OPPORTUNITIES (1)

AAC Victoria Street
No Impacts

STAGES CLASHES (6) OPPORTUNITIES (1)

The Commons Start: 01/08/2012 End: 31/12/2016

Gap Filler HQ, Makercrate Fab Lab, Food trucks, the Arcades
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STAGES CLASHES (6) OPPORTUNITIES (1)

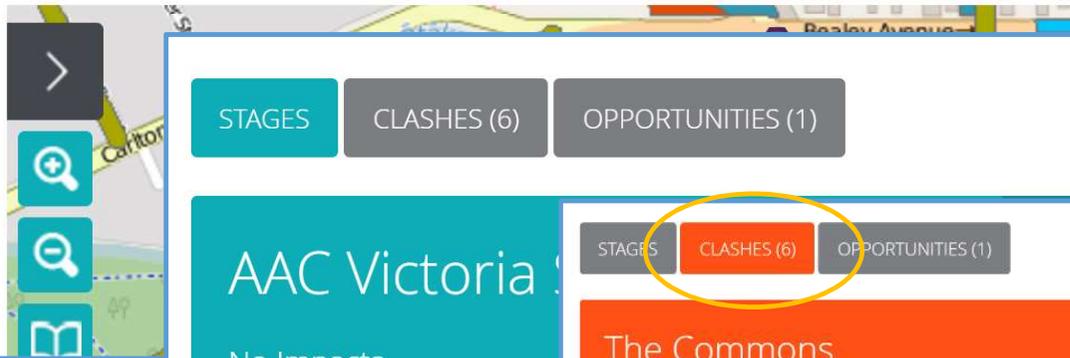
AAC Kilmore Street (Fitzgerald - Park) two way conversion Start: 01/07/2017 End: 30/06/2019

AAC Kilmore Street (Fitzgerald - Park) two way conversion Portfolio-Facility Rebuilds; Group-Roads & Footpaths; Activity-Road Network; Category-Increased LOS

Review opportunities

Project: AAC Victoria Street #27516

Project contact details for collaboration



STAGES CLASHES (6) OPPORTUNITIES (1)

AAC Victoria Street

No Impacts

STAGES CLASHES (6) OPPORTUNITIES (1)

The Commons

Start: 01/08/2012
End: 31/12/2016

Gap Filler HQ, Makercrate Fab Lab, Food trucks, the Arcades
<http://www.gapfiller.org.nz/the-commons/> Life in Vacant Spaces (LIVS) manages land on a temporary basis while the landowner works through future plans. The Commons license has a 60 day termination period so that the landowner is able to regain control of the land when it is needed. The end date of these events/projects is TBD as it depends on the landowner's timframes for development. <http://www.livs.org.nz/>

Fendalton

STAGES CLASHES (6) OPPORTUNITIES (1)

This project consists of wastewater reticulation in Hagley Park (including 47 wastewater pipes) and the replacement of length lining and...

AAC Kilmore Street (Fitzgerald - Park) two way conversion

Start: 01/07/2015
End: 30/06/2017

AAC Kilmore Street (Fitzgerald - Park) two way conversion Portfolio-Facility Rebuilds; Group-Roads & Footpaths; Activity-Road Network; Category-Increased LOS

Defferon

Project Summary

ID: 27516

Type: Horizontal Construction

Infrastructure: Transport

Status: Construction

State: Proposed

Organisation: Christchurch City Council

Reference: 18324

Reference: 18324

Start date: 01/07/2015

End date: 30/06/2017

AAC Victoria Street Portfolio-Facility Rebuilds;
Group-Roads & Footpaths; Activity-Road Network;
Category-Increased LOS

Contact Information

Steve McNeill

contact @ccc.govt.nz

03941 0000

Last updated: 02/12/2015 09:58

Everyone can see this project

How do I get access?

www.forwardworks.co.nz



Land Information
New Zealand
Toitū te whenua

Please login

Username:

Password:

[LOGIN](#) [Reset password](#)

This Forward Works Viewer is a secure service for authorised users only.
If authorised, you will need to login with a username and password that will have been provided to you.
By logging into this Forward Works Viewer, you are agreeing to be bound by our [Terms of use](#) (last updated: 30 May 2016).

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www.govt.nz

How do I load project data?

4 Step process through user interface

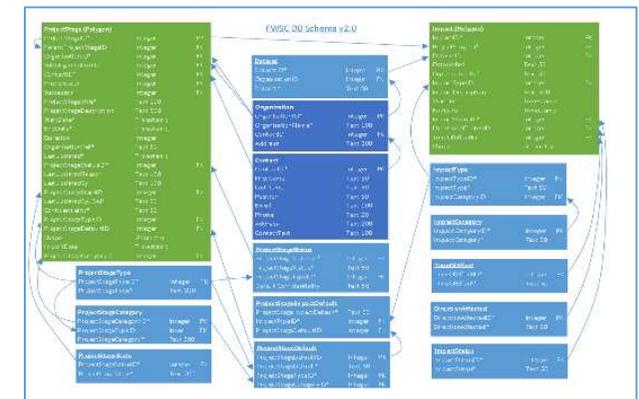
1st Screen

2nd Screen

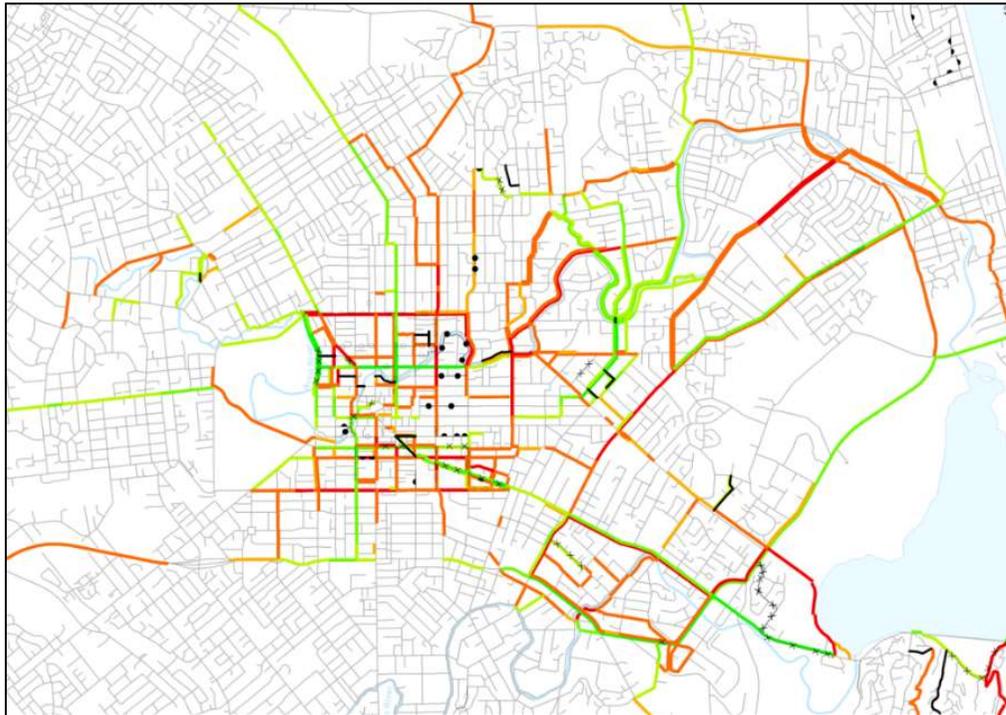
3rd Screen

4th Screen

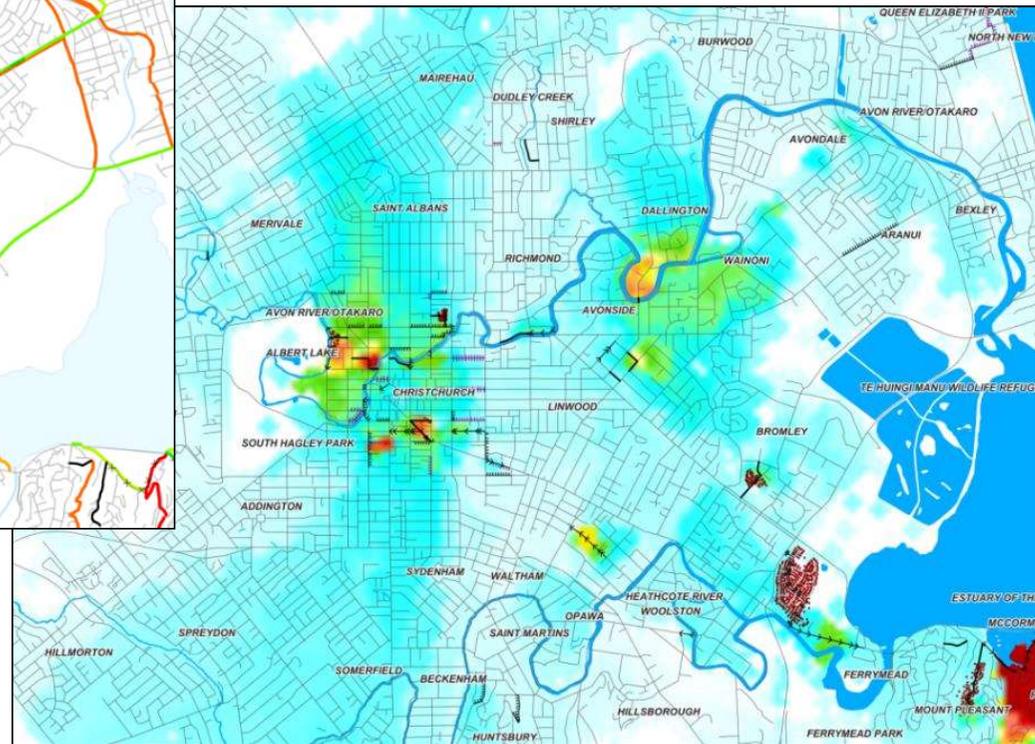
Or, bulk upload process...



Can my organisation extract data?



Data feature service provided to extract data and undertake offline analysis



For more information:

For access:

support@forwardworks.co.nz

Programme enquiries:

abargh@linz.govt.nz

rlang@linz.govt.nz

