

# Influencing Change

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Community Boards Conference, Waitangi

15 May 2015



# Introducing Chorus Team

- Jo Seddon                      [jo.seddon@chorus.co.nz](mailto:jo.seddon@chorus.co.nz)
  - Kathy Milne                    [kathy.milne@chorus.co.nz](mailto:kathy.milne@chorus.co.nz)
  - Gerard Linstrom              [gerard.linstrom@chorus.co.nz](mailto:gerard.linstrom@chorus.co.nz)
  - Duncan Hamilton
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# Quiz - Southland

Q: What percentage residents in Southland region don't have internet access because they cannot get it?

1%

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## Quiz - Waikato

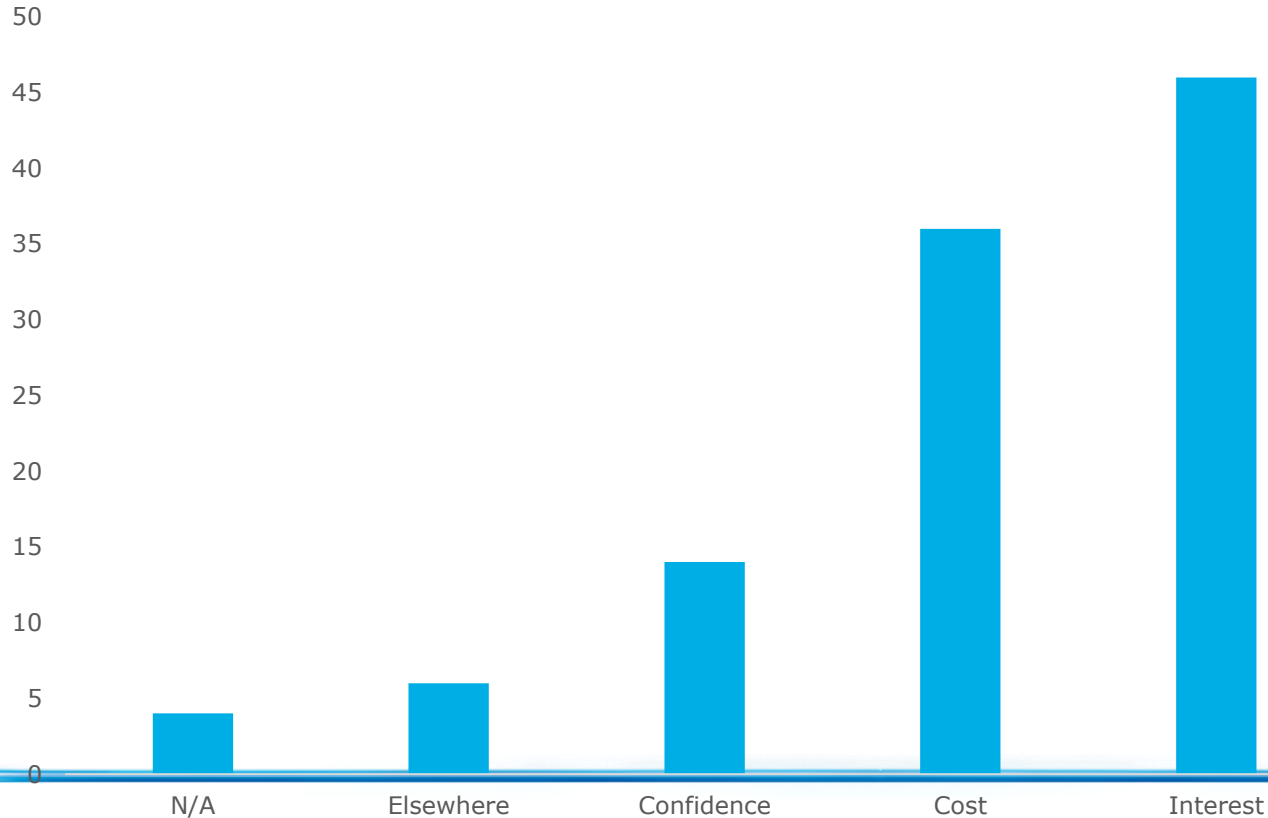
Q: What is the biggest reason why residents in Waikato region don't have internet access?

Not interested (47%)

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# Quiz – New Zealand

Q: What are the reasons quoted for not having internet access?



# Better Broadband

Ultrafast Broadband & Rural Broadband Programmes

# Rural Broadband Initiative (RBI)

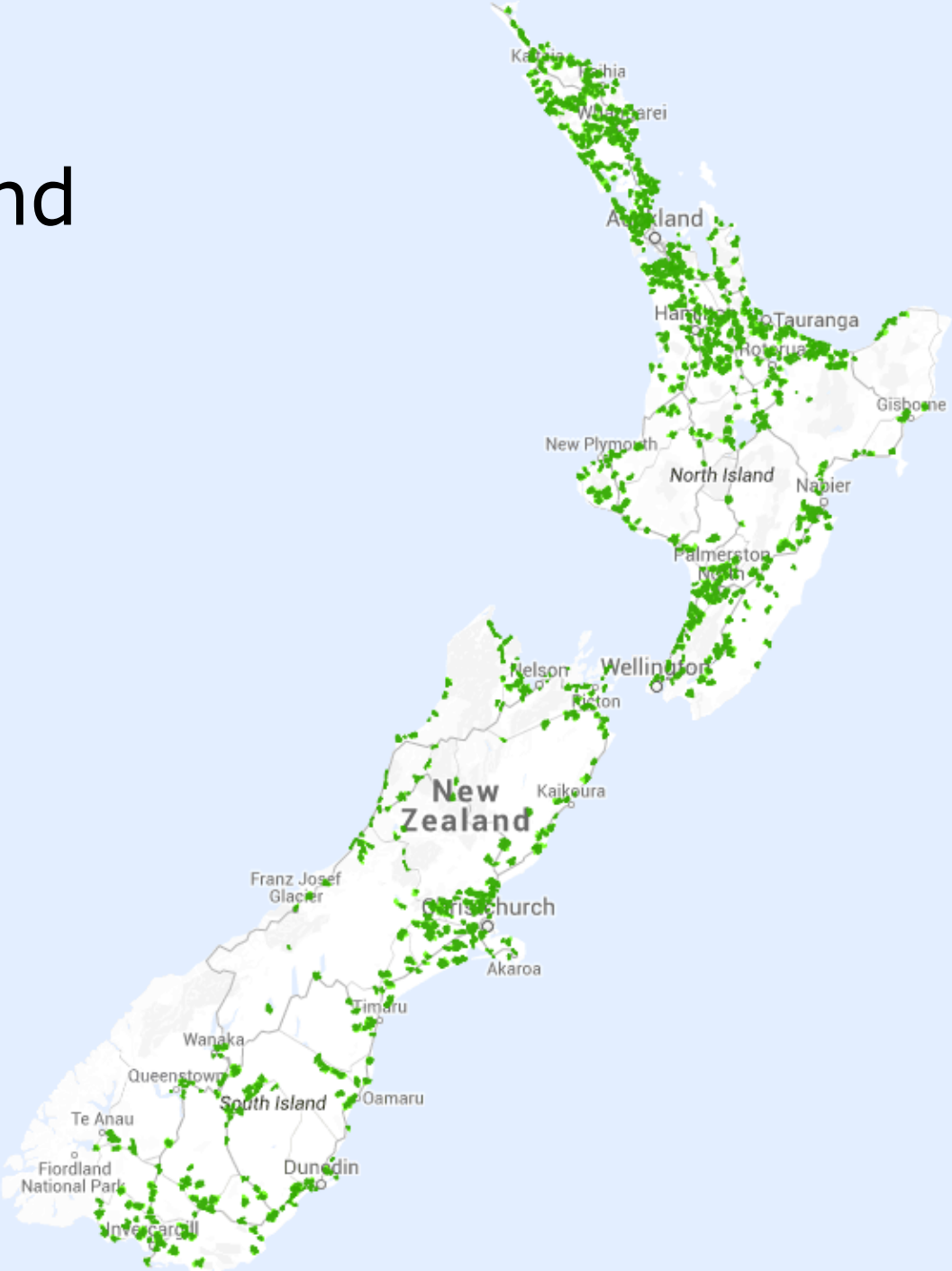
- > Fibre to rural schools
  - > Fibre to integrated health centres / hospitals
  - > Fibre to rural community libraries
  - > Fibre to Vodafone RBI wireless towers
-

# Schools





# Broadband



# RBI Progress nationally

As at 31 Mar 2015

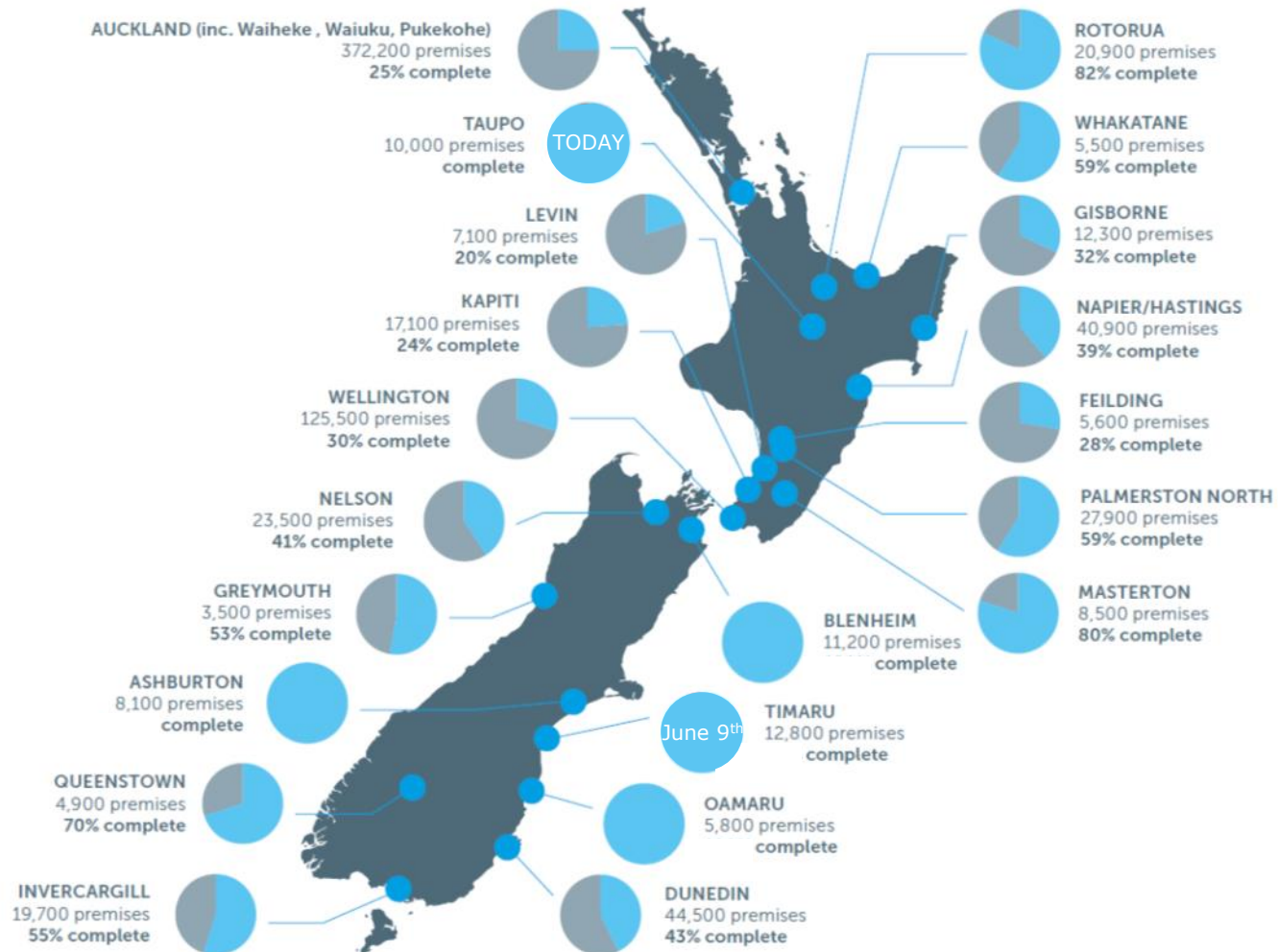
	Planned	Ready today
RBI Schools	1,022	974
Integrated Health Centres / Hospitals	39	-
DSL Cabinets	103,100 lines <i>1,217 Cabinets</i>	~85,000 lines
RBI Libraries	180	-

85,000 lines in reach of better broadband

# Ultra Fast Broadband (UFB)

- > Up to 100Mb/sec fibre broadband to 75% of New Zealanders
  - > Prioritize Schools, Businesses & Hospitals
-

# UFB progress



# UFB Progress

As at 31 Mar 2015

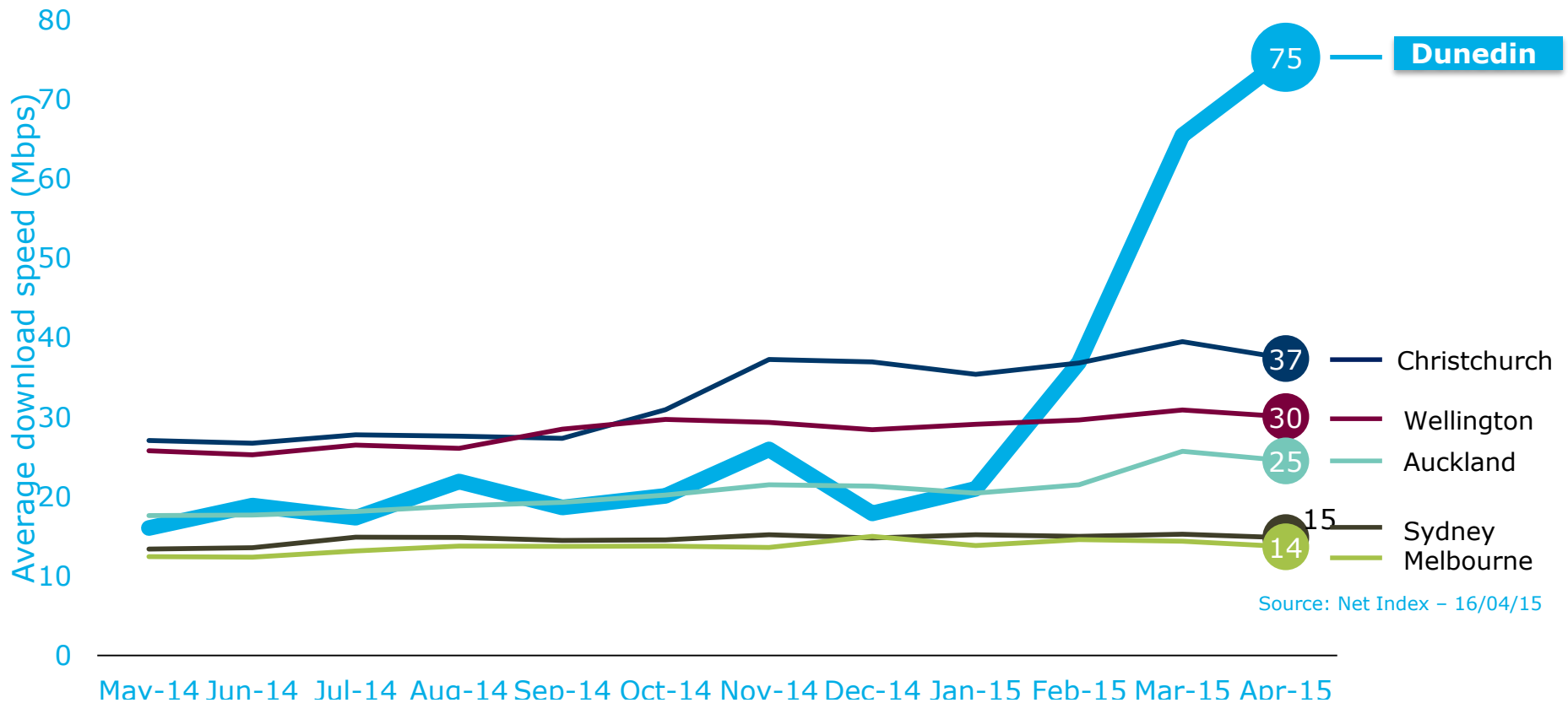
	Planned	Completed	Connected
UFB Schools	1,055	982	-
UFB Premises	830,900	333,000	56,000
LFC Candidate Areas	27	5	-

439,000 end-users able to connect to Chorus UFB

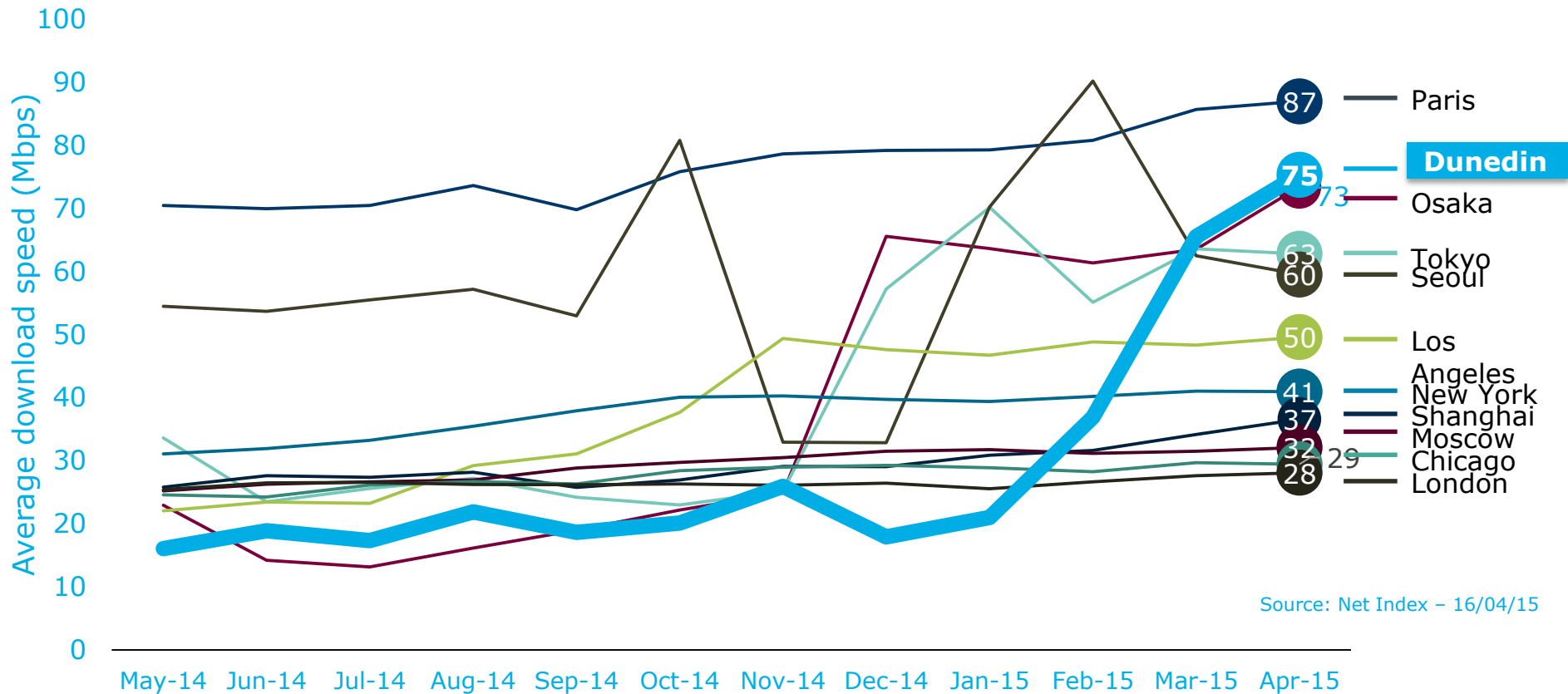
# Gigatown Dunedin

Impact since launch

# Fastest broadband in Australasia

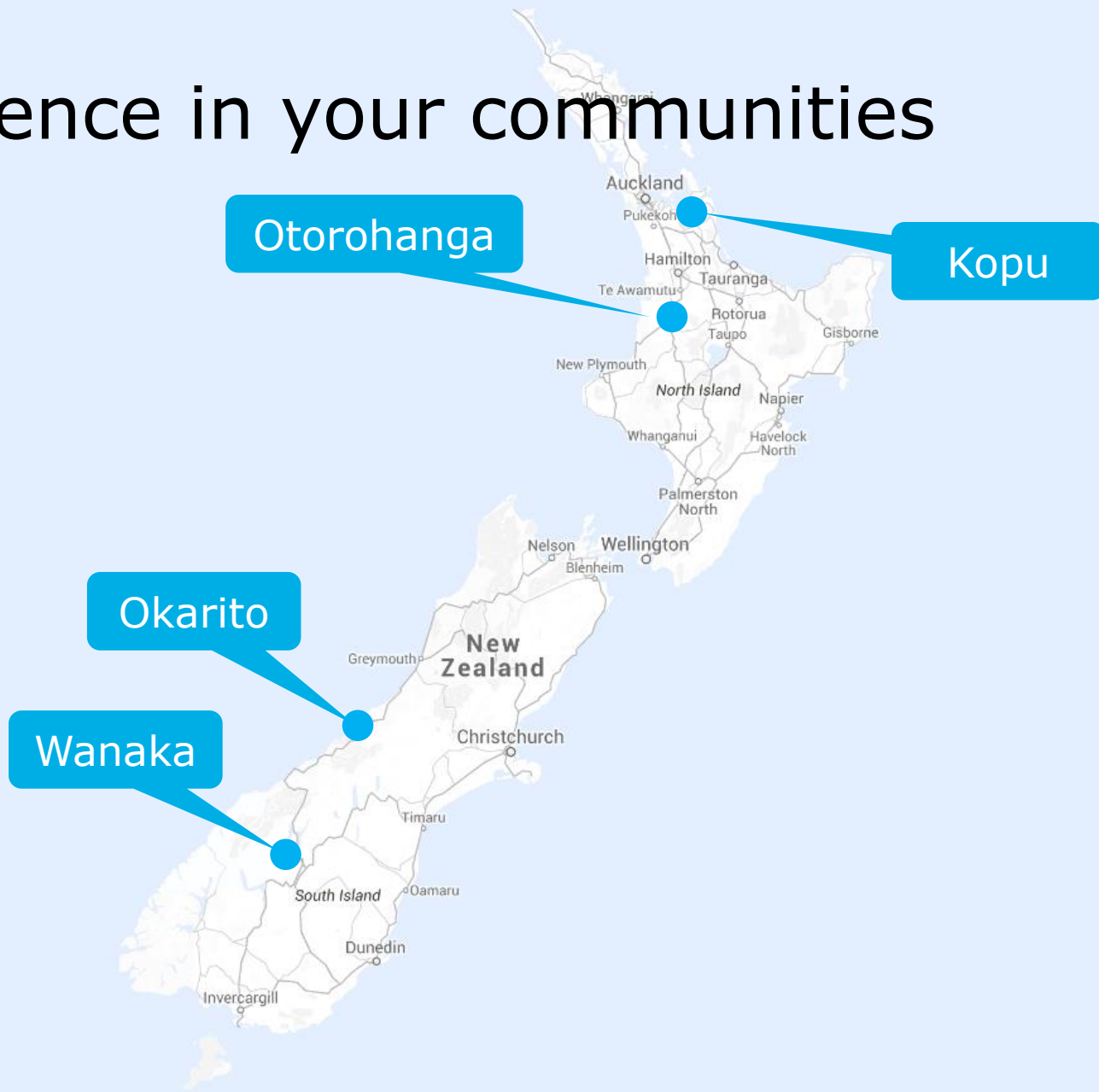


# Faster than 9 of the 10 wealthiest cities





# Influence in your communities



Otorohanga

Kopu

Okarito

Wanaka

# Otorohanga

An aerial photograph of the town of Otorohanga, New Zealand. The town is densely packed with residential and commercial buildings, interspersed with green spaces and trees. A prominent yellow outline highlights a specific area in the center-right of the town, which appears to be a commercial or industrial zone. The surrounding area includes more residential housing and open fields. A road or railway line runs through the town, and a large green field is visible in the lower right quadrant.

100 Mb/s fibre in Progress Drive development

# Wanaka

100 Mb/s fibre in CBD precinct



# Okarito

An aerial photograph of Okarito, a small town in New Zealand. The town is situated on a peninsula or a narrow strip of land, surrounded by a large, calm lake. The surrounding landscape is heavily forested with dark green trees. The town itself consists of several buildings, roads, and a small parking area. The water in the lake is a light, milky green color, characteristic of glacial meltwater. The overall scene is serene and somewhat isolated.

10 – 50 Mb/s  
Copper broadband

# Kopu

**Scoop Regional**  
INDEPENDENT NEWS  
WIRELESS SCOPES PARLIAMENT POLITICS REGIONAL BUSINESS SCITECH WORLD CULTURE  
MULTIMEDIA NZ POLITICS BIZ & SCITECH WORLD LIFE!  
ECTIONS: HOME COMMENT Parliament Headlines Politics Headlines Search  
Local Govt National News Video Print  
Scoop >> Regional  
in Share Like 0  
8-1 0 Tweet 0

## Kopu moves into the fast (broadband) lane

Tuesday, 7 April 2015, 3:41 pm  
Press Release: Thames Coromandel District Council

Kopu moves into the fast (broadband) lane

Much faster broadband speeds are available in much of Kopu now thanks to our Council working with Chorus to push forward their upgrade programme.

The broadband cabinet at the corner of Queen and Quay streets that serves most of the area contained by State Highway 25 and the Waikou River can now handle a much greater volume of traffic at much higher speeds.

Chorus had originally programmed the work to take place in June 2016.

Our Council worked proactively with Chorus and the Ministry of Business, Innovation and Employment (which pays for rural broadband upgrades) so that the work could be done this year.

All our Council had to pay for was the capital cost to Chorus of moving forward with the upgrade (which pays for rural broadband upgrades) so that the work could be done this year.

Another broadband cabinet, near the Kopu-Hikua turnoff, that serves business operators at a meeting room, will be upgraded by June.

The upgrade was announced to local business operators at a meeting at the Hotel.

Fast, steady broadband is as vital to the 21st Century economy as a good road network, says Ben Dunbar-Smith, our Economic Development Programme Manager.

Get the most from your broadband

Gerrard Linstrom, Chorus's Industry and Communications Manager, says businesspeople can make the most of their broadband by:

- Previously ADSL1 (asymmetric digital subscriber line) speeds of up to 8 Mb/s were available with data caps of 10 Mbytes per month.



# RBI-2 and UFB-2 funding

# Chorus can help

- > Dedicated web pages
- > Process links

<https://www.chorus.co.nz/extending-the-reach-of-ufb-rbi>

Extending the reach of UFB & RBI

Additional funding for the Government's broadband initiatives

The Ministry for Business, Innovation and Employment (MBIE) recently announced initiatives for further funding to extend UFB and RBI - Ultra-Fast Broadband 2 and Rural Broadband Initiative 2, as well as a mobile black spots fund.

WE CAN ASSIST

PAGES

SHAPE FILES

REGIONAL TECHNOLOGY INFO

Delivering better broadband to more New Zealanders

The Ministry for Business, Innovation and Employment (MBIE) recently announced initiatives for further funding to extend UFB and RBI - Ultra-Fast Broadband 2 and Rural Broadband Initiative 2, as well as a mobile black spots fund.

The requests are targeting two different stakeholder groups: local authorities in support of the projects and suppliers - like Chorus.

Submissions received by 3 July 2015

Government identify eligible areas for further investment. The projects will be further planned where you already have coverage and areas where you don't. Chorus is all about bringing New Zealand better broadband so we are absolutely supportive of the Government's vision to extend fibre as far as possible.

The Government wants local authorities to show how they can assist in the deployment of infrastructure by reducing costs associated with the consenting process, as well as having a plan in place to help with uptake of services, like a Digital Enablement Plan.

Knowing how your communities are already using technology and where your regions strengths are will benefit your application. We have region-specific information available which you are free to use as part of your research.

In the event that Chorus is chosen as a project partner, we would be delighted to work with you closer in more detail.

If you have any questions about these initiatives please contact Kathy Milne.

MINISTRY BUSINESS INDUSTRY AND EMPLOYMENT (MBIE) Information on new initiatives

CHECK BROADBAND SERVICES IN YOUR AREA Go to our map

HOW DO PEOPLE USE TECHNOLOGY IN YOUR REGION?

# Regional Information

- > General economic data
- > Internet tech trends

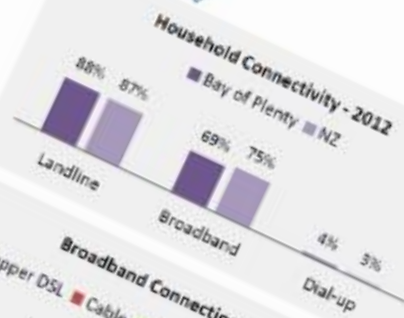


## Internet Technology Trends

Highlights: Above average use of cloud services.

- Bay of Plenty (BoP) has below average broadband uptake, at 69% of households that do not have Internet access, lack of interest is the primary barrier (45%), in trend. BoP households are less likely to use multiple devices to access the Internet.
- BoP businesses are reasonably tech savvy, with average rates of web presence below average. BoP households find UFB appealing (in line with the NZ average) but below average intention to take up UFB. Over 28,000 addresses in BoP will be with UFB by June 2016.

### Households Connectivity



### Broadband Connection Type



### Barriers to Broadband



### Businesses



### Ultra-fast Broadband (UFB) Familiarity with UFB

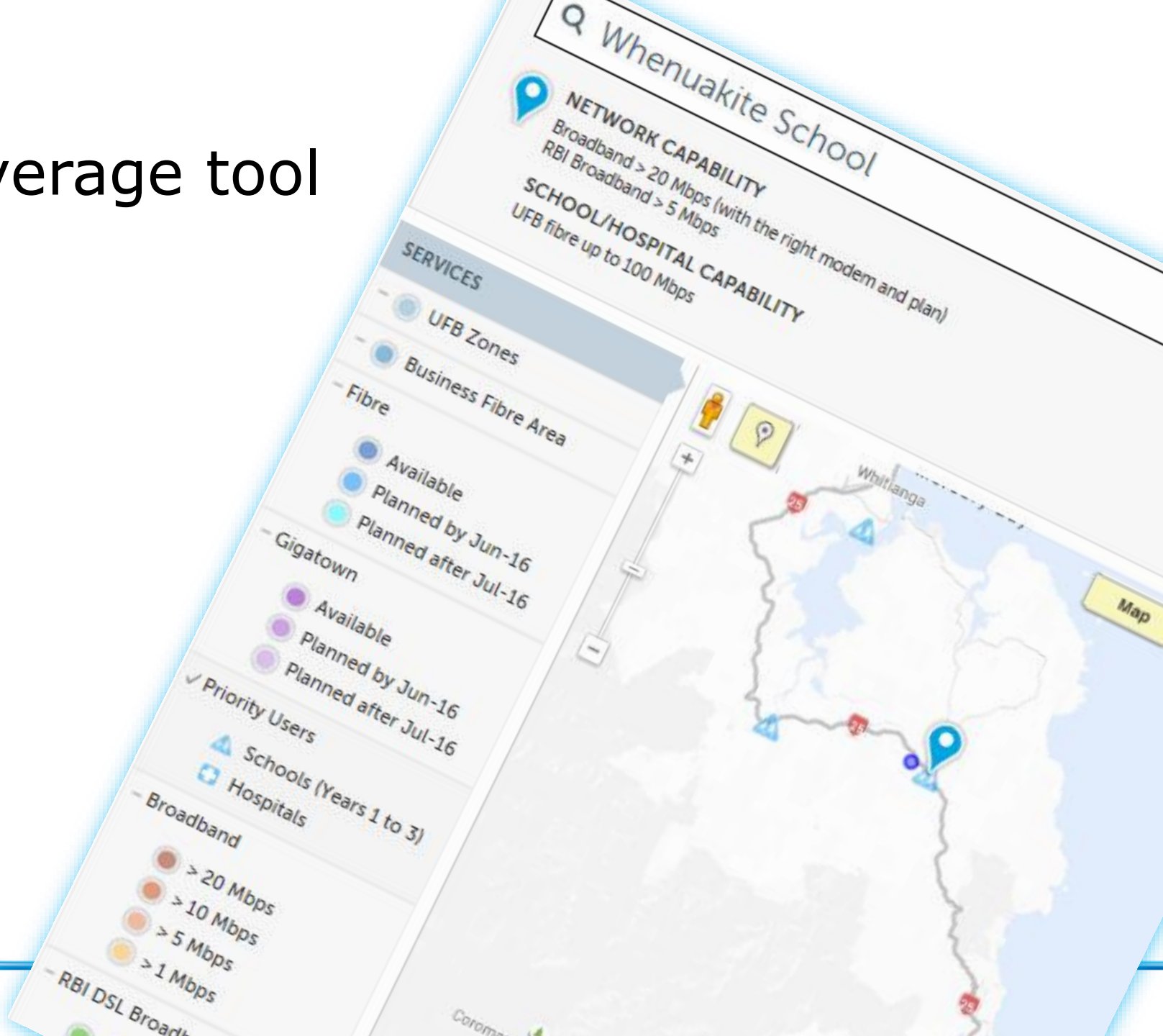


### Fibre Demand

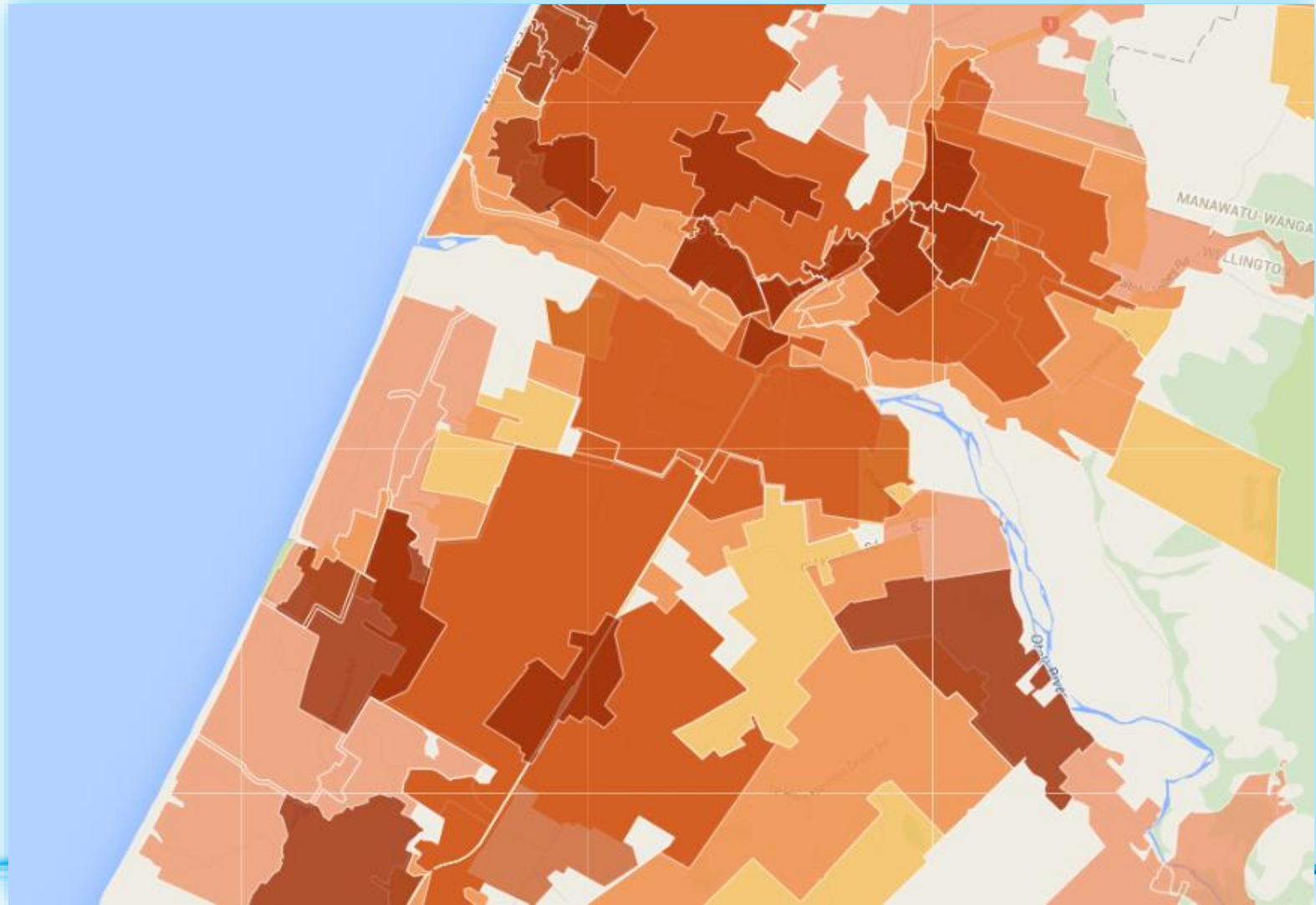




# Coverage tool



# GIS data sets



# Overlay your council data

