



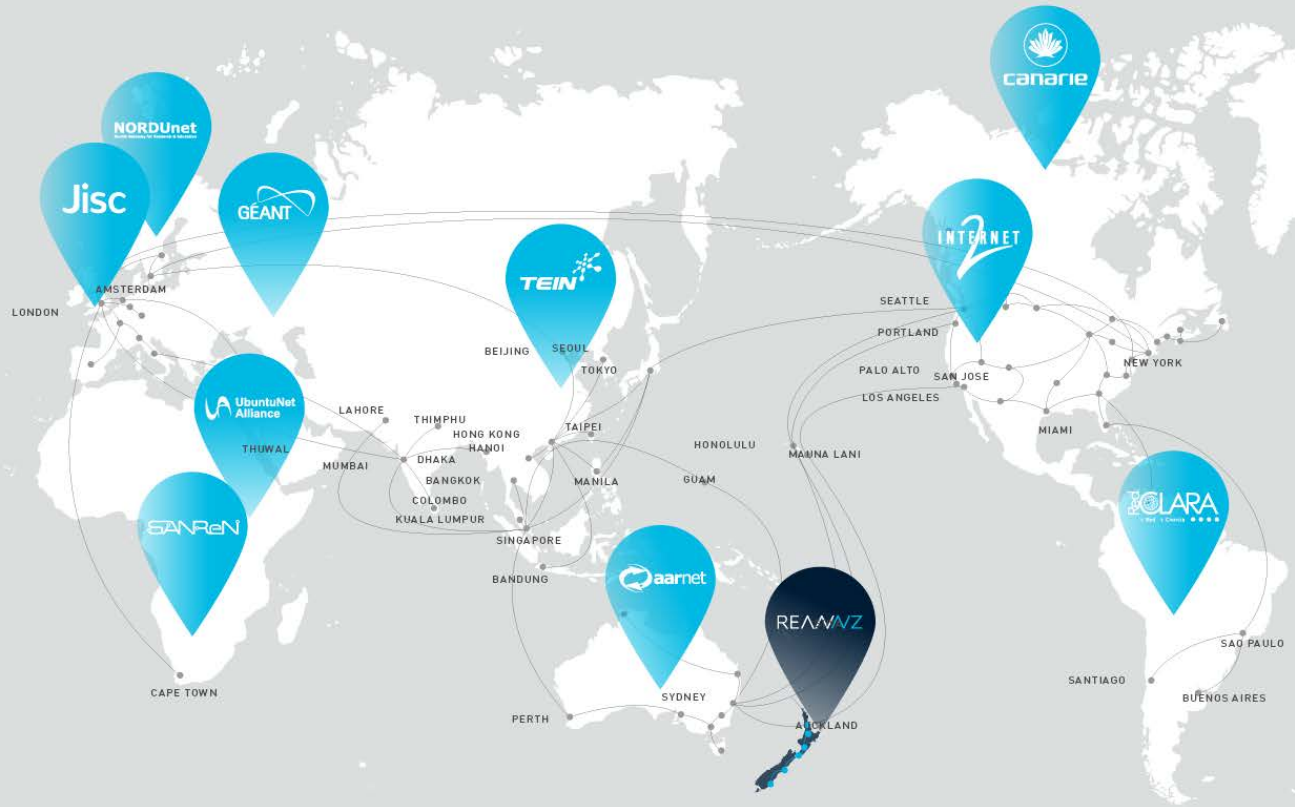
REANNZ

TEIN update – APAN45

Nicole Ferguson
Chief Executive Officer
Research & Education Advanced Network New Zealand

REANZ

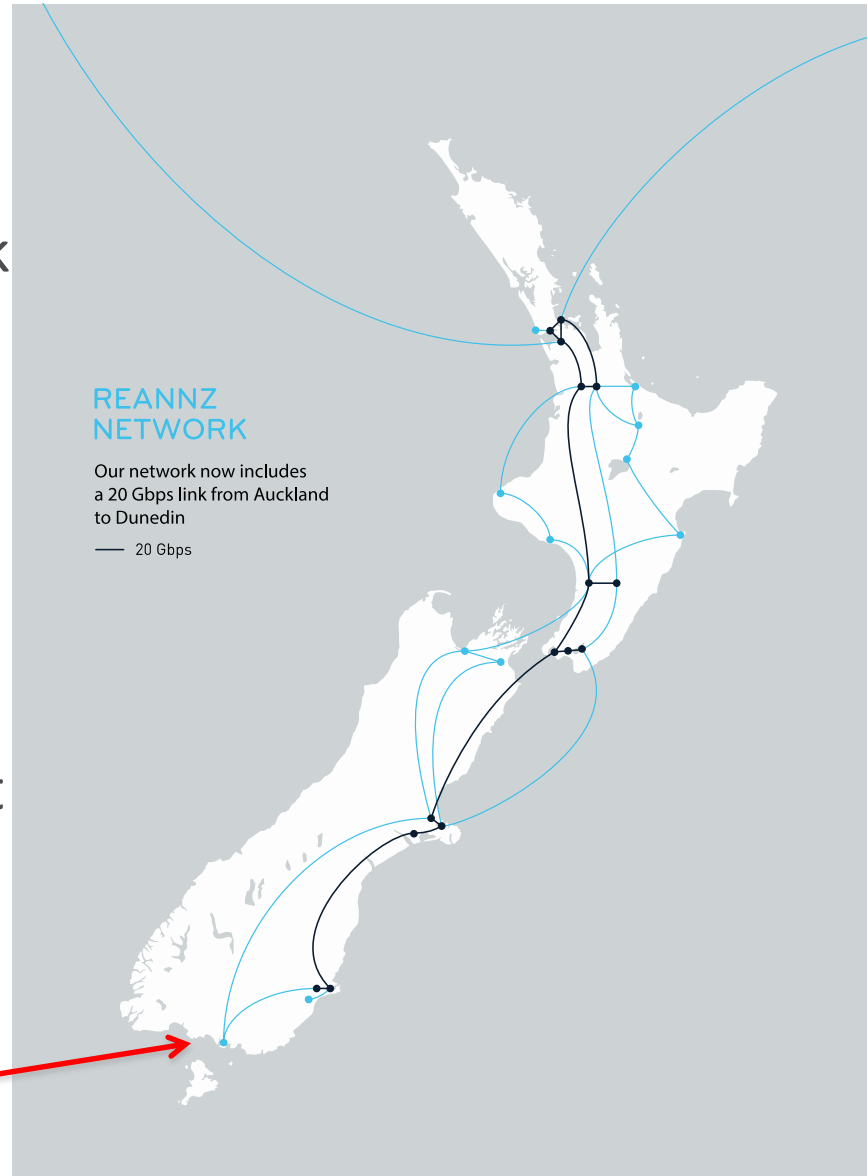




National Connectivity

- We light our own fibre network nationally
- 20Gb, moving to 100Gb backbone nationally
- 100Gbs connections to Australia and USA (and the rest of the world)

World's southernmost (permanent)
R&E connection



Research & Education Advanced Network NZ (REANNZ) #1

- REANNZ is a small govt-owned, non-profit company
- we connect 8 NZ universities, 8 Research Institutes and 12 Polytechnics plus museums and independent research facilities
- we have now connected 2 private sector companies with large R&E components
- 30 staff



US West Coast

Hawaii

Guam

French Polynesia

Samoa

American Samoa

Wallis

Fiji

Vanuatu

New Caledonia

Norfolk

Sydney

Whangarei

HAWAIIKI
submarine cable

Research & Education Advanced Network NZ (REANNZ) #1

- Govt renewed our funding in mid-2017
- \$21M over the next 7 years
- That’s about 30% of our required funding –
the balance comes from our members
(membership subscriptions and services)
- working with our members on new funding
mechanism



REANNZ X

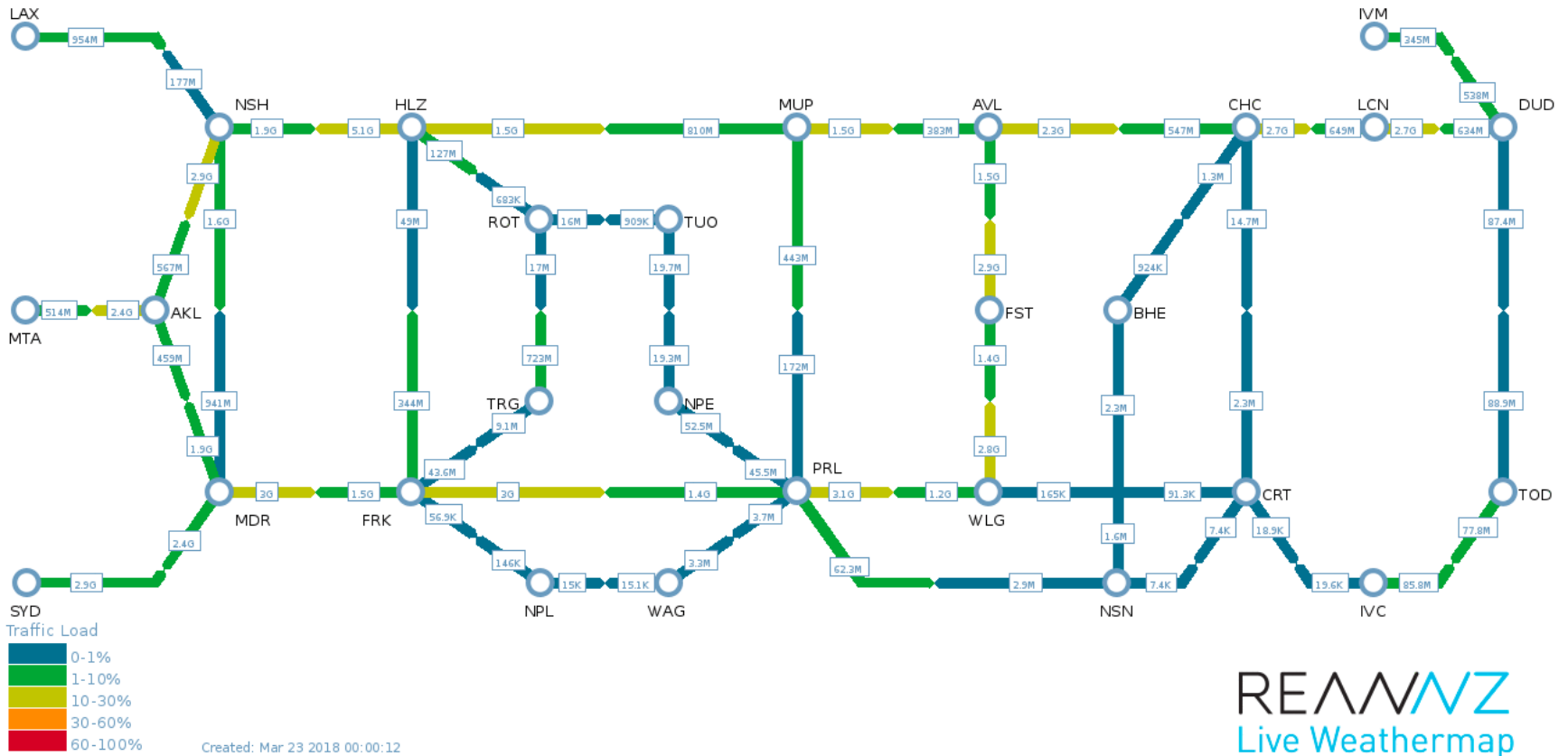
The Hub

EXIT

TOILETS

THE NETWORK

WEATHERMAP.REANNZ.CO.NZ



OTHER PRODUCTS AND SERVICES



Managed Connectivity

- Last Mile Circuits
- Managed Edge Services



Security

- Managed Firewall
- Security Tools, DDoS
- Science DMZ



Support

- 27/7/365 Services Support



Advisory Services

- Architecture and design
- Reviews



Identity & Access

- Tuakiri
- eduroam



Cloud Connect and *aaS

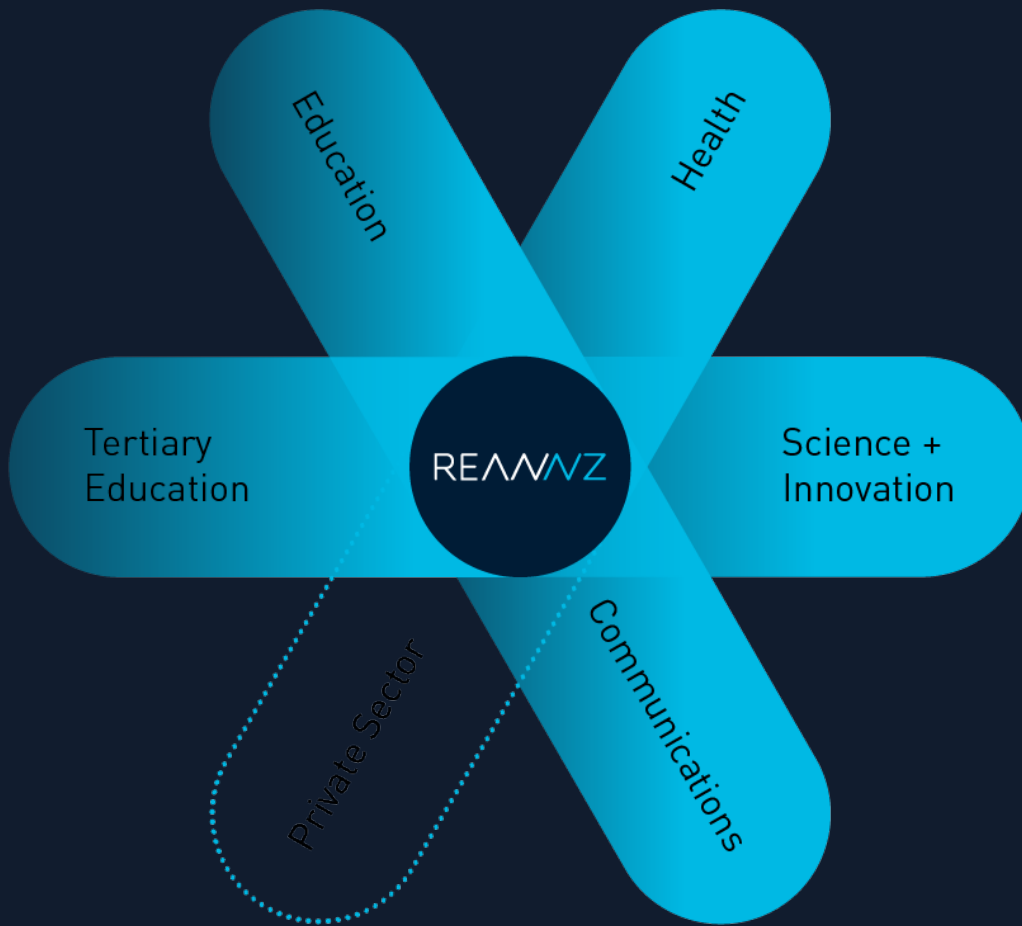


Education & Outreach

- eResearch education and capability building

Examples of collaboration

- Univ of Auckland and Hangzhou Innovation Centre (light materials/medical/etc_
- 3 new govt-funded NZ-China Research initiatives announced (water cleanliness, food security and disease control)
- Otago University and joint Chinese Universities – non-communicable diseases
- Massey University – China agriculture and food production research



Thank you

www.reannz.co.nz

[@reannz](https://www.instagram.com/reannz)