

# New Zealand's National CORS Network The PositioNZ Network

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XXV FIG Congress, Kuala Lumpur, 19 June 2014

newzealand.govt.nz

#### **The New Zealand Situation**



#### New Zealand Geodet

- established in 19
- semi dynamic da
- nominally refere
- includes a deforr
- aligned to ITRF9



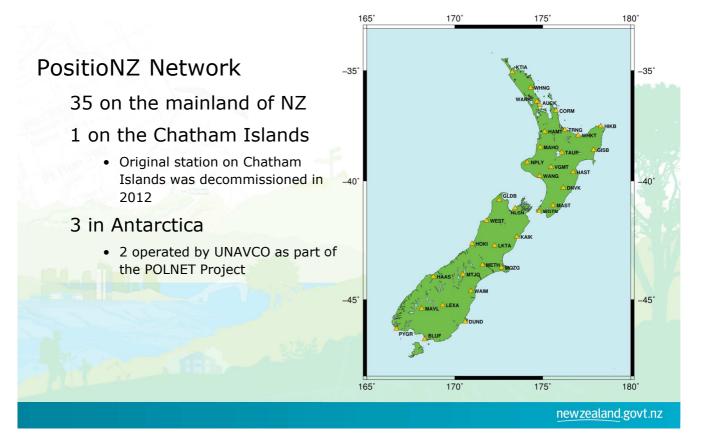




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# **New Zealand's CORS Network**



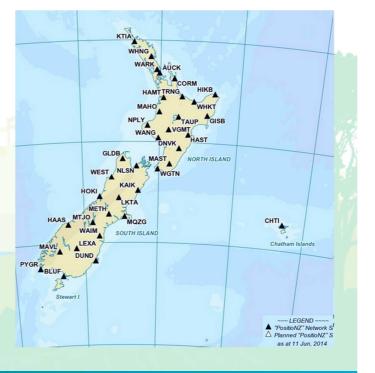


#### **The PositioNZ Partnership**



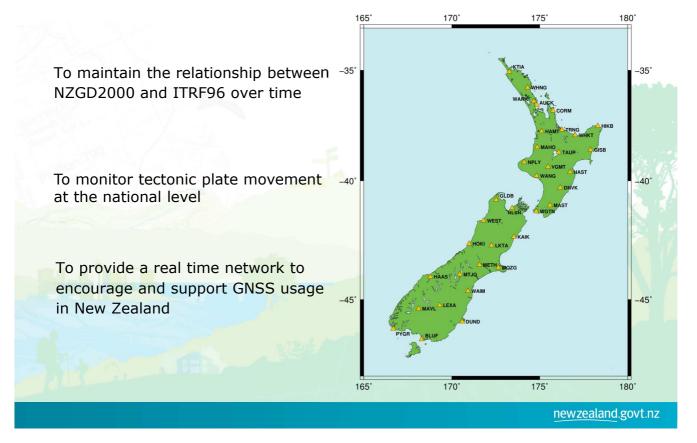


LINZ and GNS Science have a 12 year partnership to provide the National CORS Network -PositioNZ



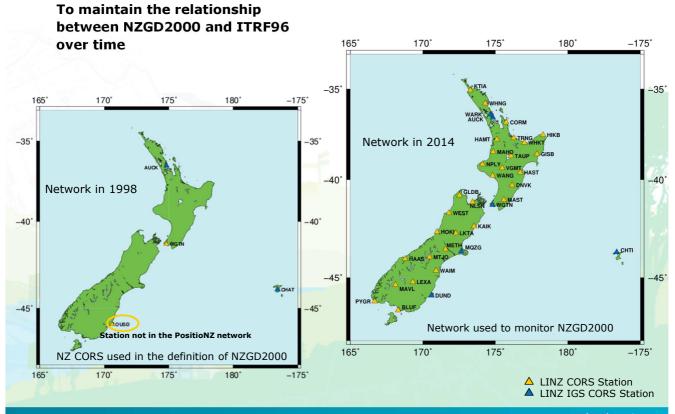
## The purpose of the network





# The purpose of the network



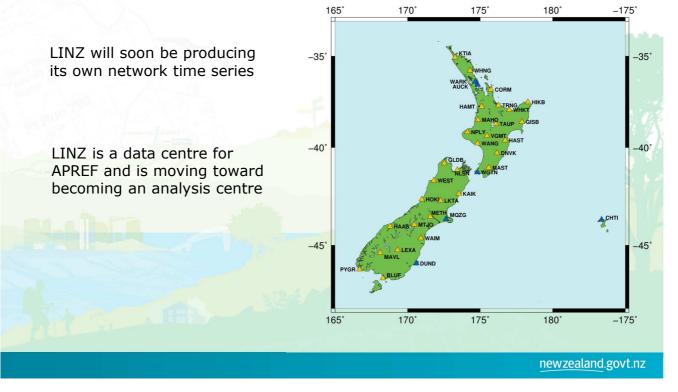


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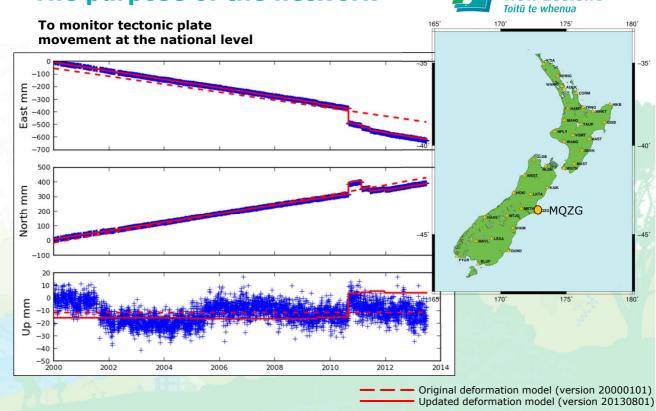
## The purpose of the network



To maintain the relationship between NZGD2000 and ITRF96 over time

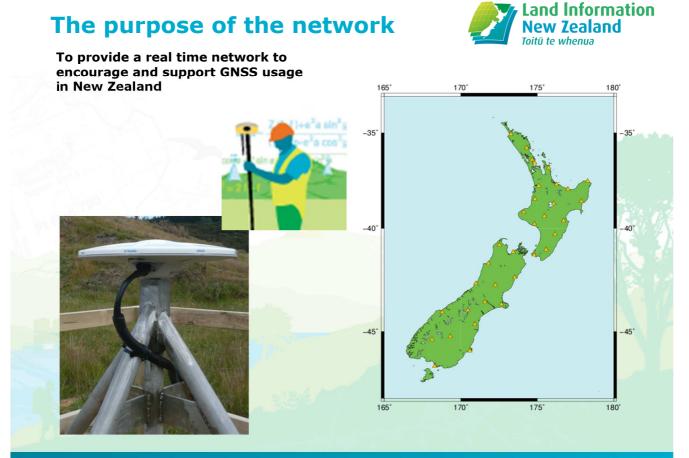


# The purpose of the network



Land Information

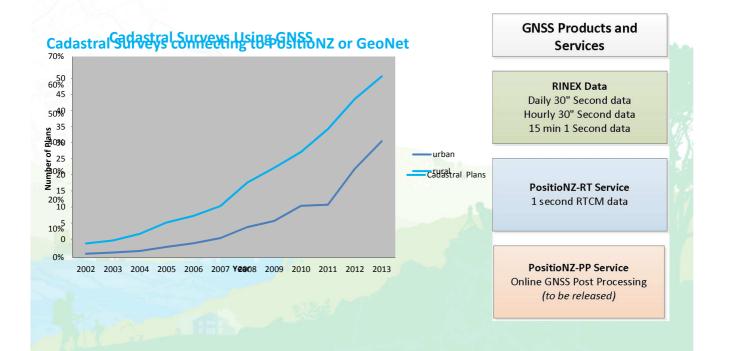
**New Zealand** 



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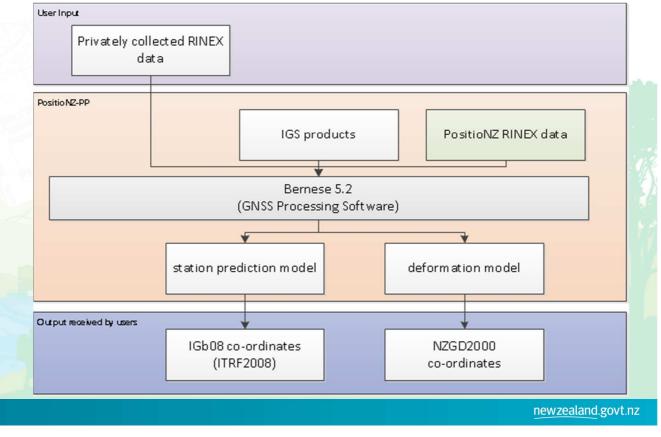
#### **CORS related products and services**





# PositioNZ-PP (post processing service)





# **CORS related products and services**



GNSS initiatives are supported in the LINZ 2013-16 Statement of Intent

•"recommendations to improve the current delivery of geodetic services to customers who are increasingly using global systems such as Global Navigation Satellite Systems (GNSS) and datums"

•"enhancing the delivery of our GNSS services which enable data to be submitted, automatically processed, and position results returned"



#### PositioNZ open data case study





LINZ GNSS Data is licensed under a Creative Commons Attribution 3.0 New Zealand License

LINZ releases data in alignment with the New Zealand Open Access and Licensing Framework (NZGOAL)



http://ictk.ch/content/bundesarchiv-lanciert-open-government-data-portal

#### Open Government Case Study: PositioNZ GNSS Data

http://ict.govt.nz/guidance-and-resources/case-studies/open-data/positionz/

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FIG Working Week Christchurch New Zealand 2–6 May 2016

Recovery from a natural disaster