

Western Corridor Luncheon

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Principal-Government Relations and External Affairs

11th June 2010

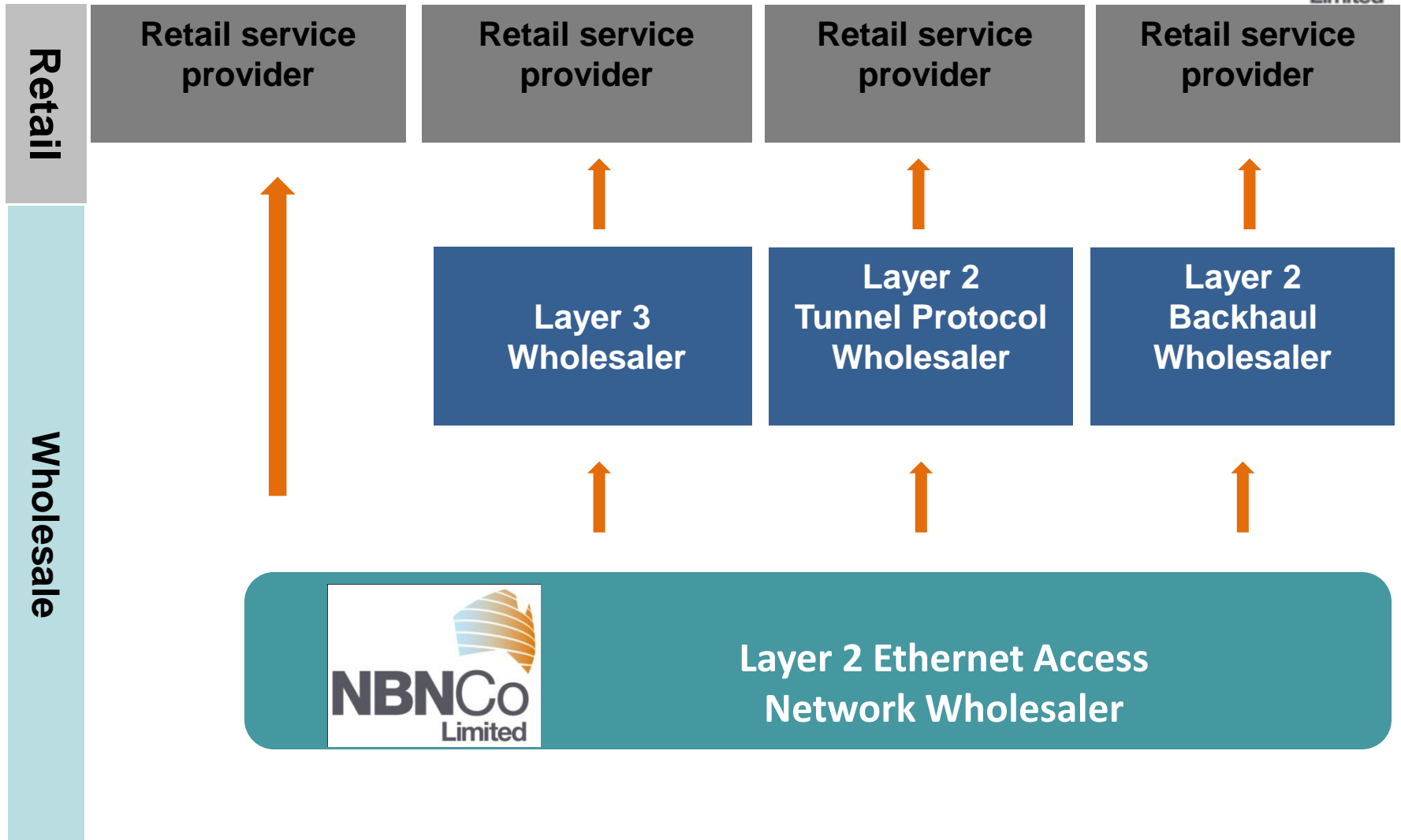
NBN Co Objectives

- Coverage
 - Ubiquitous
 - Fibre, wireless and satellite
- Competition
 - Wholesale only
 - Open Access
- Cost Effective
 - Financially viable



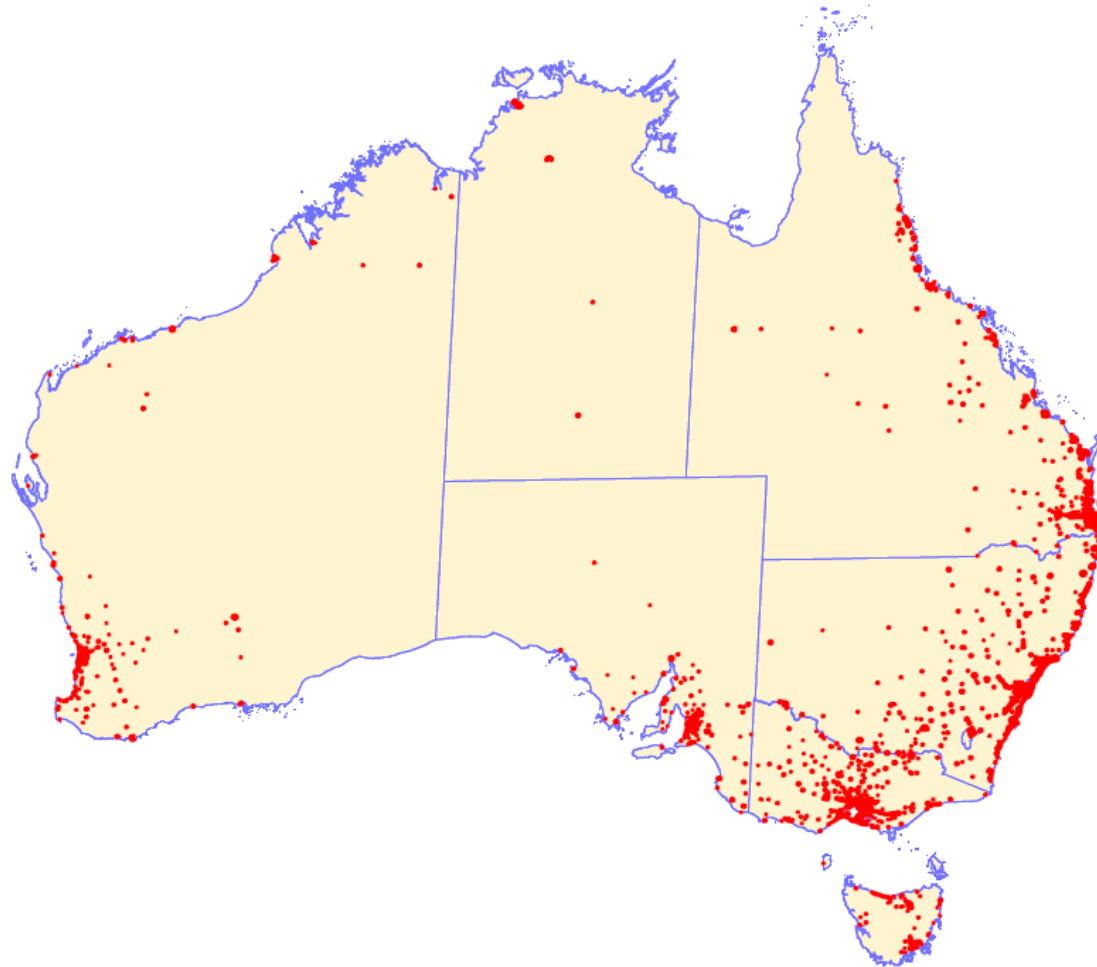
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A Diversity of Wholesale and Retail Business Models



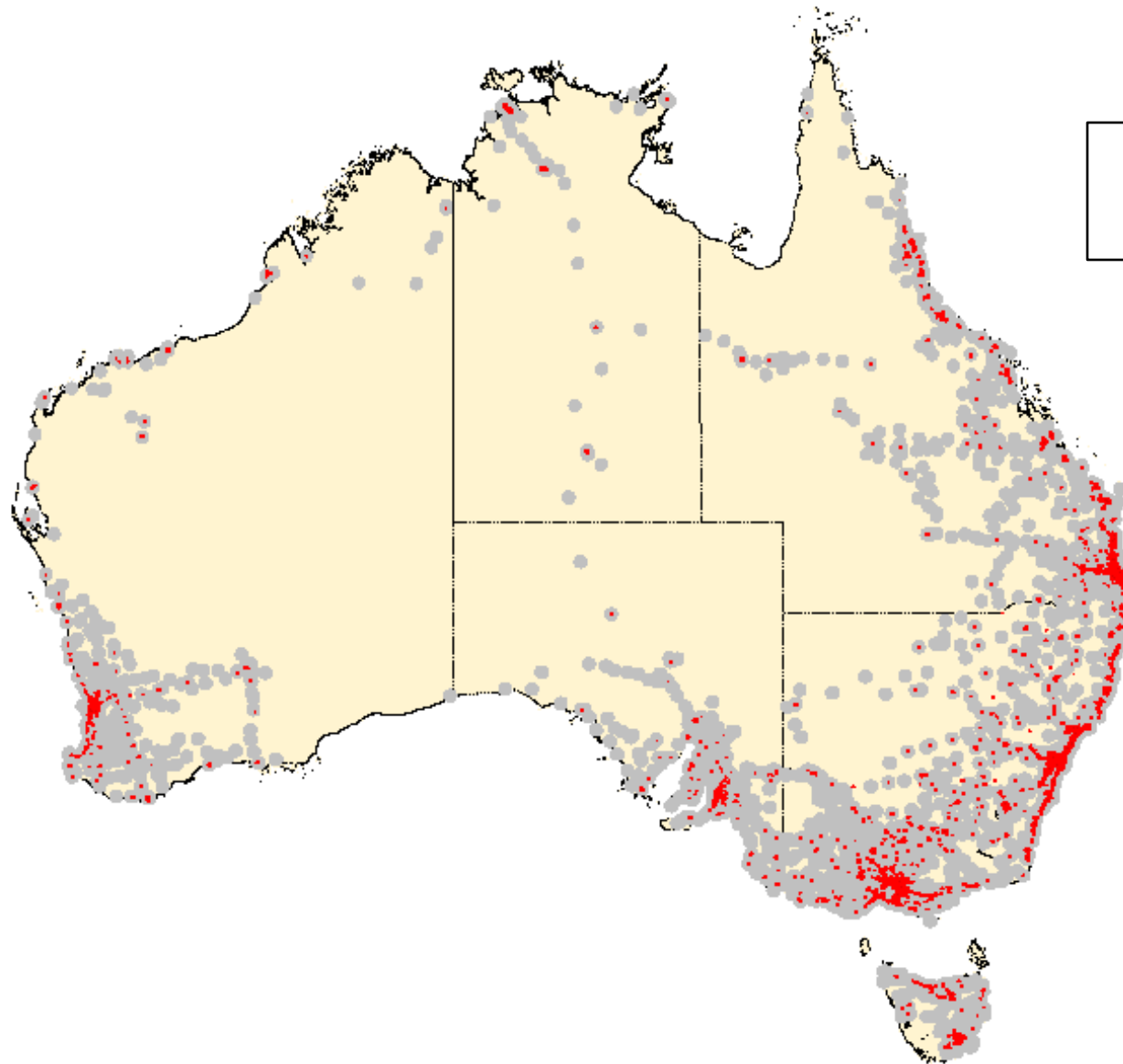
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Australia – At least 90% Fibre Coverage



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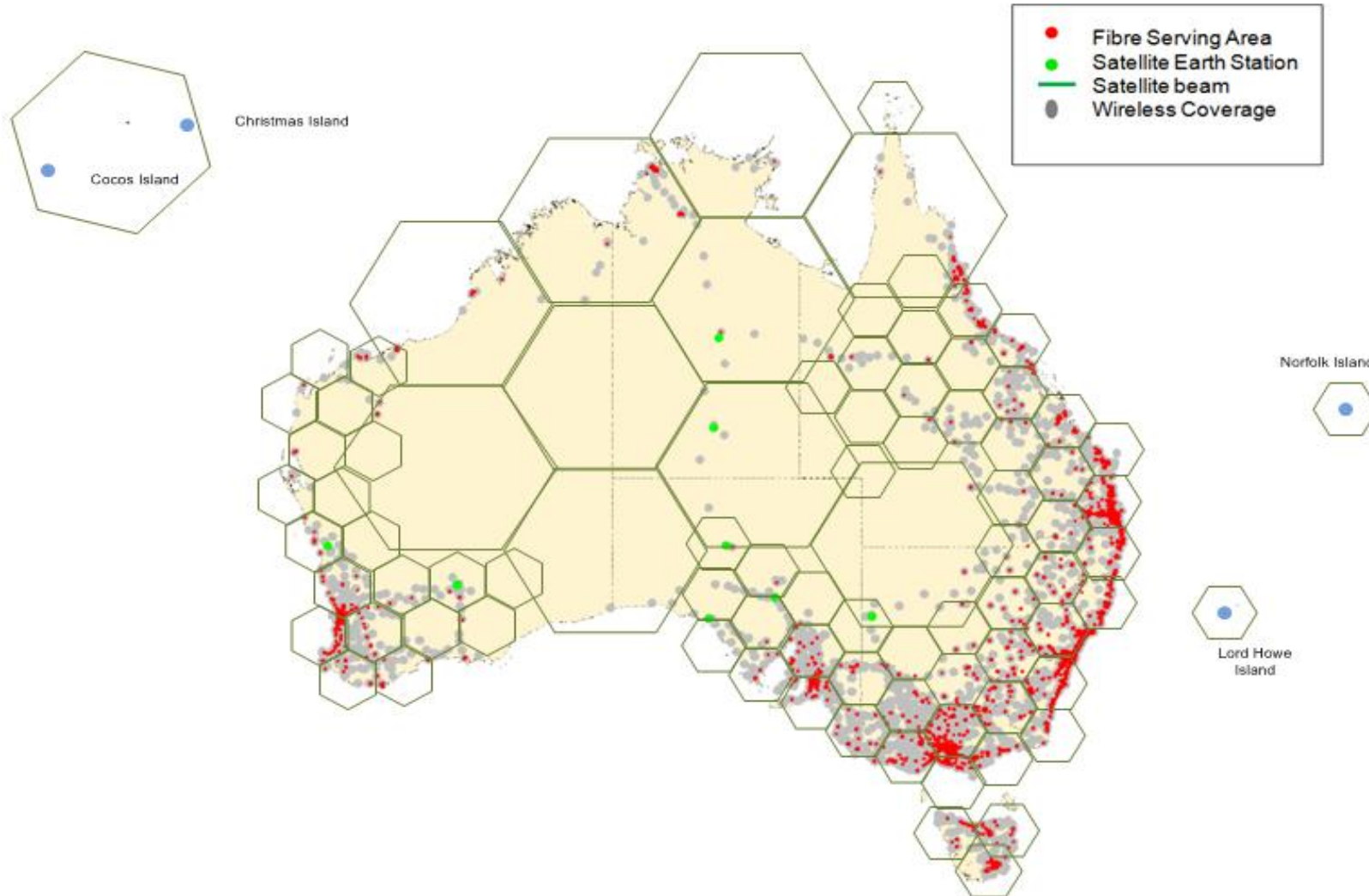
Australia – wireless coverage



| | |
|---|--------------------|
| ● | Fibre Serving Area |
| ● | Wireless coverage |

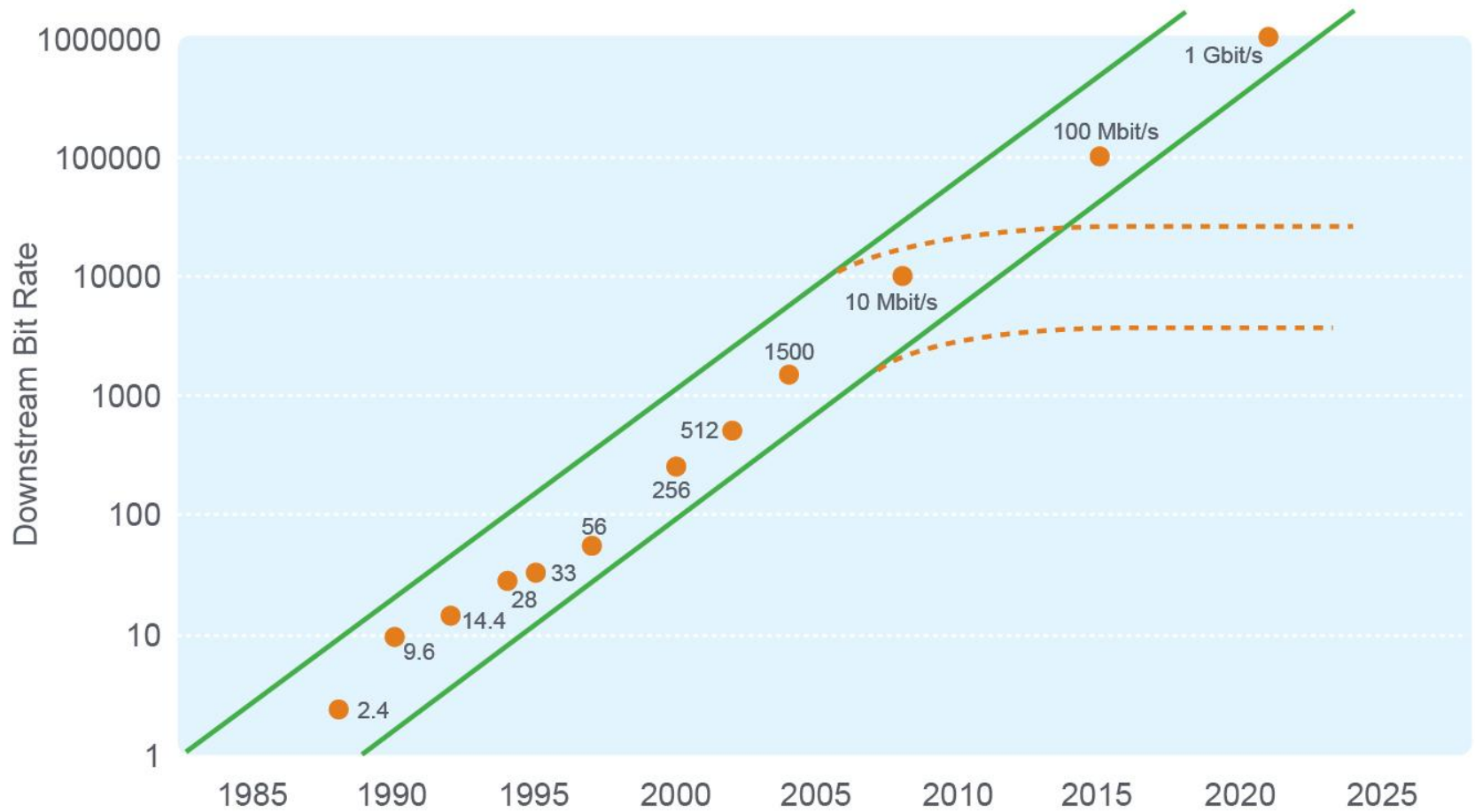
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Fibre network + wireless + satellite



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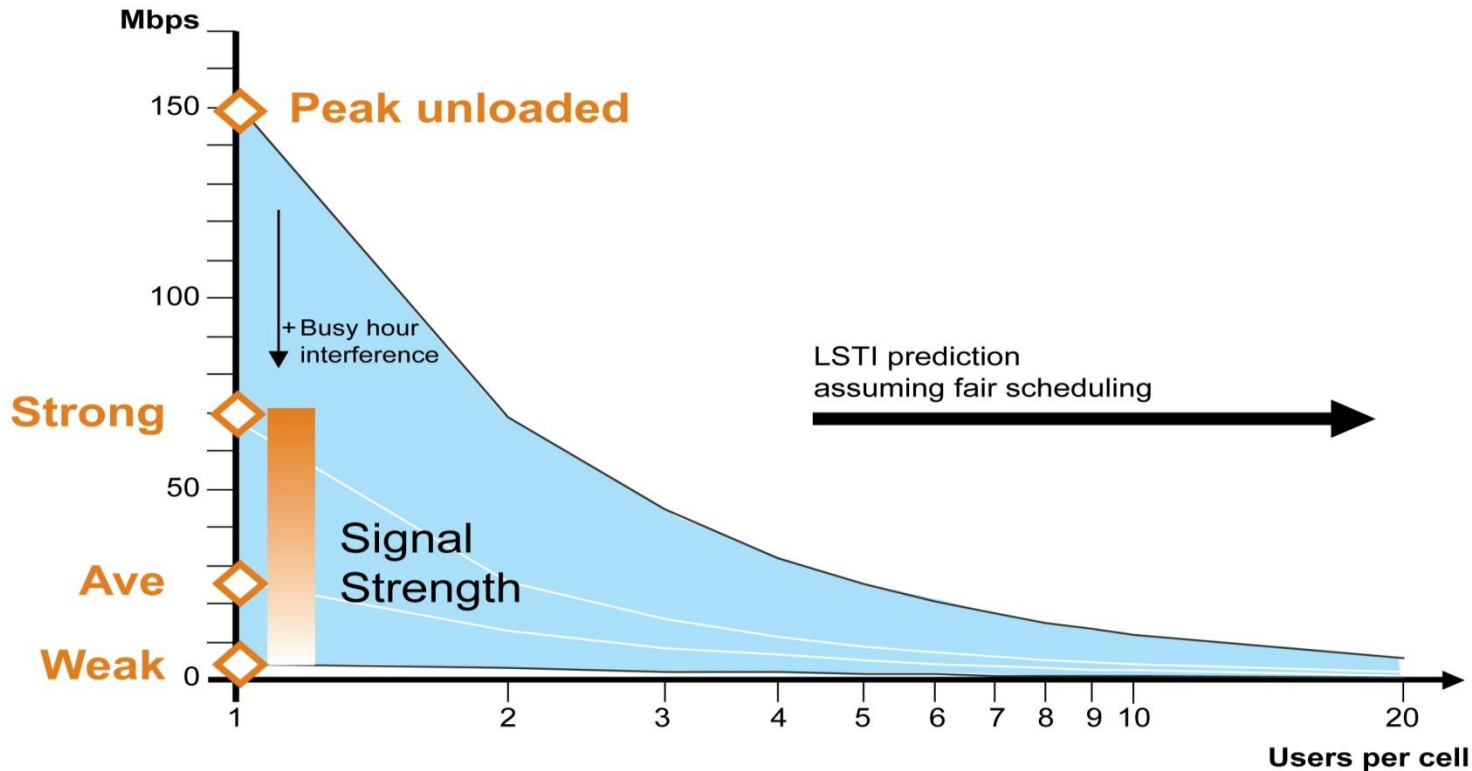
Fixed Bandwidth Demand



Latest LTE/SAE trials show significant differences between peak rates and end-user throughput



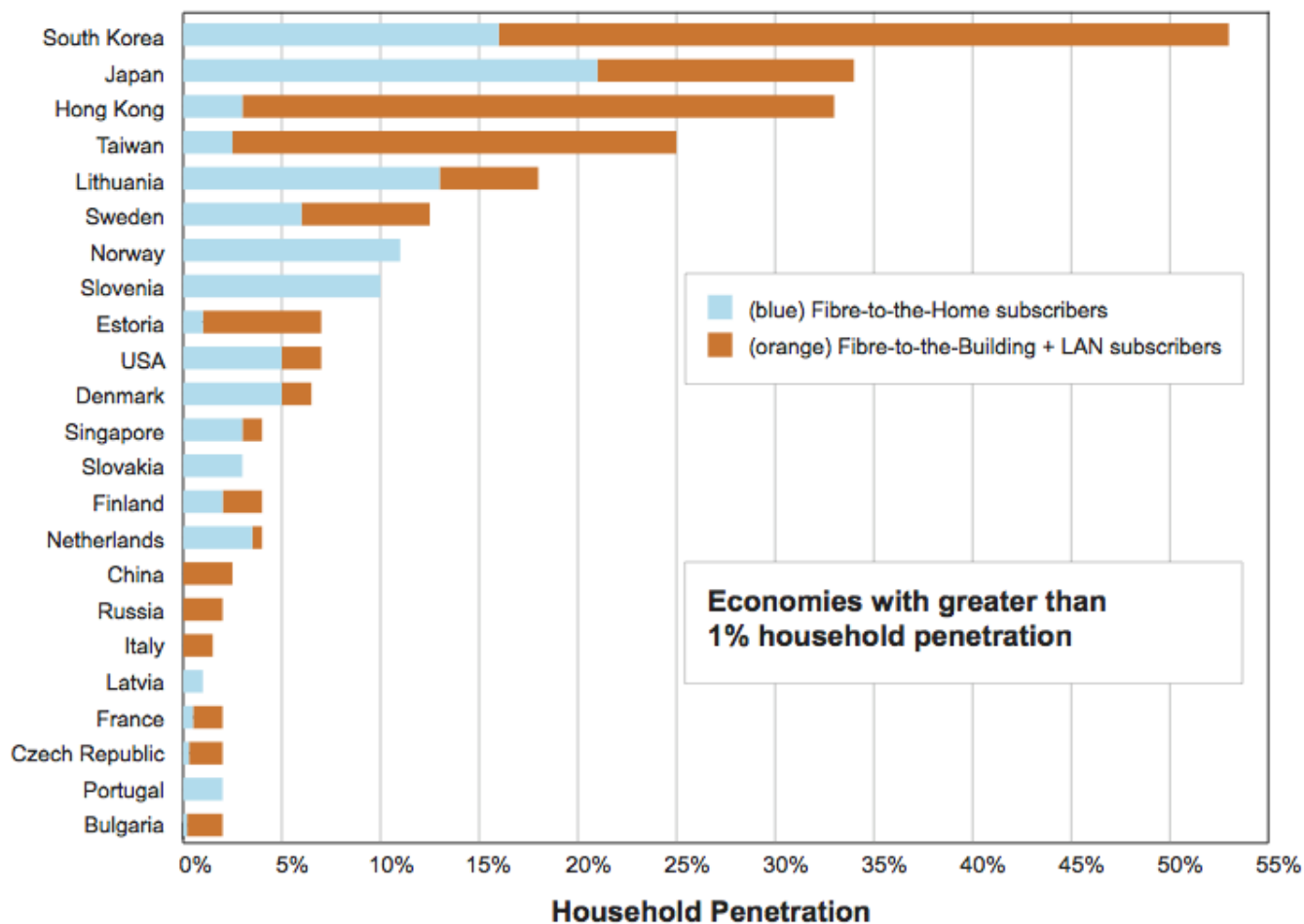
LTE proof of concept peak rates



Notes: 2x20MHz, 2x2 MIMO
Source: LTE/SAE Trial Initiative (Oct 2009)

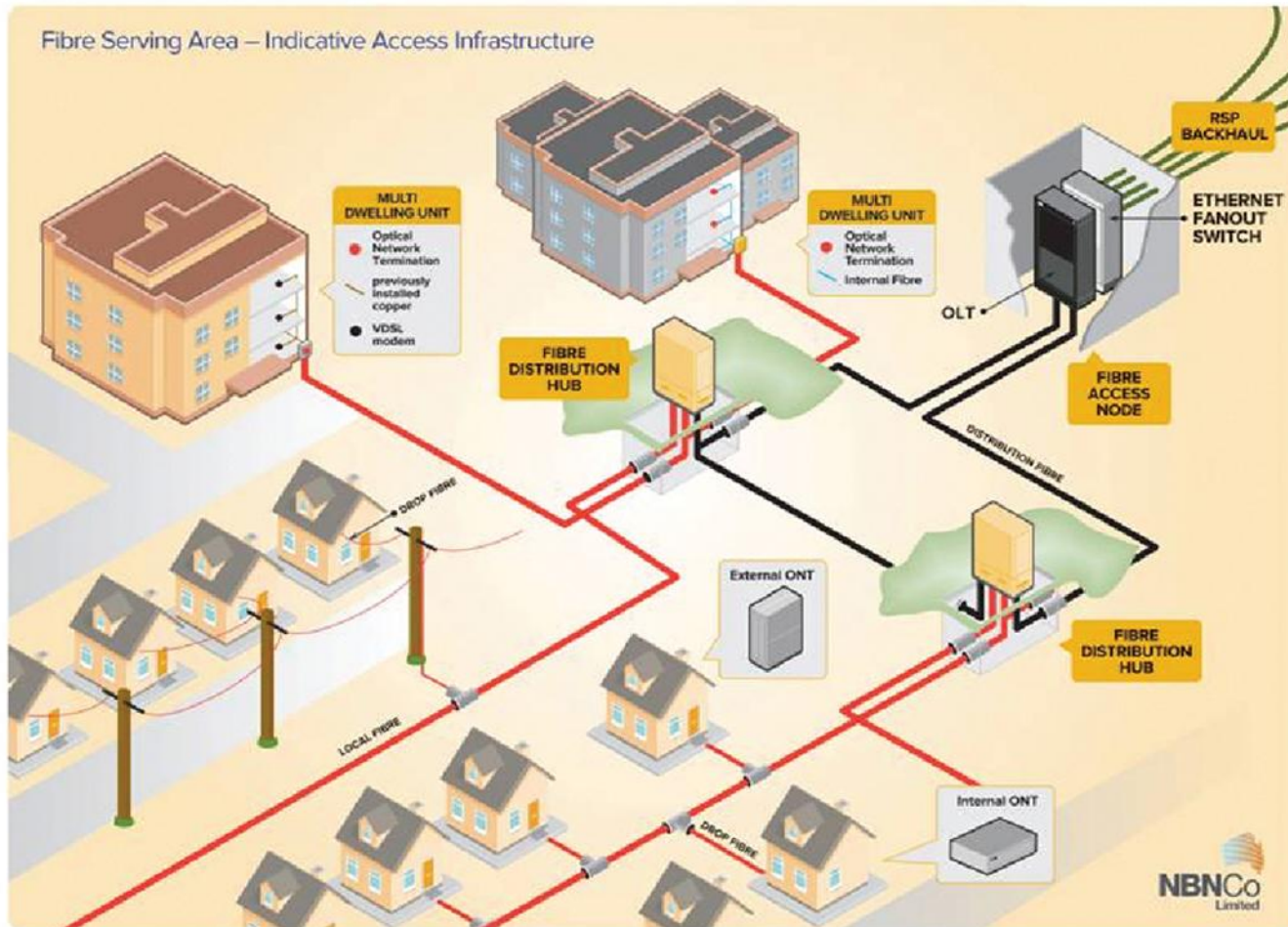
Fibre penetration in key economies

Economies with the Highest Penetration of Fibre-to-the-Home / Building + LAN



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Physical Infrastructure Representation



Supporting end user applications

Consumer



High-speed internet

- asymmetrical
- bursty



IPTV

- asymmetrical
- streaming
- constant
(committed rates)



VOIP

- constant
(committed rates)

Business Symmetrical



Backup of data



Software-as-a-Service



High-definition voice
and video conferencing



Online collaboration
with remote workers

Industry Eg. Health



Online consultations



Remote diagnosis of
electronic medical
images



In-home monitoring of
elderly and chronic
disease sufferers

Construction Statistics



When we go to full scale national construction some of the statistics are:

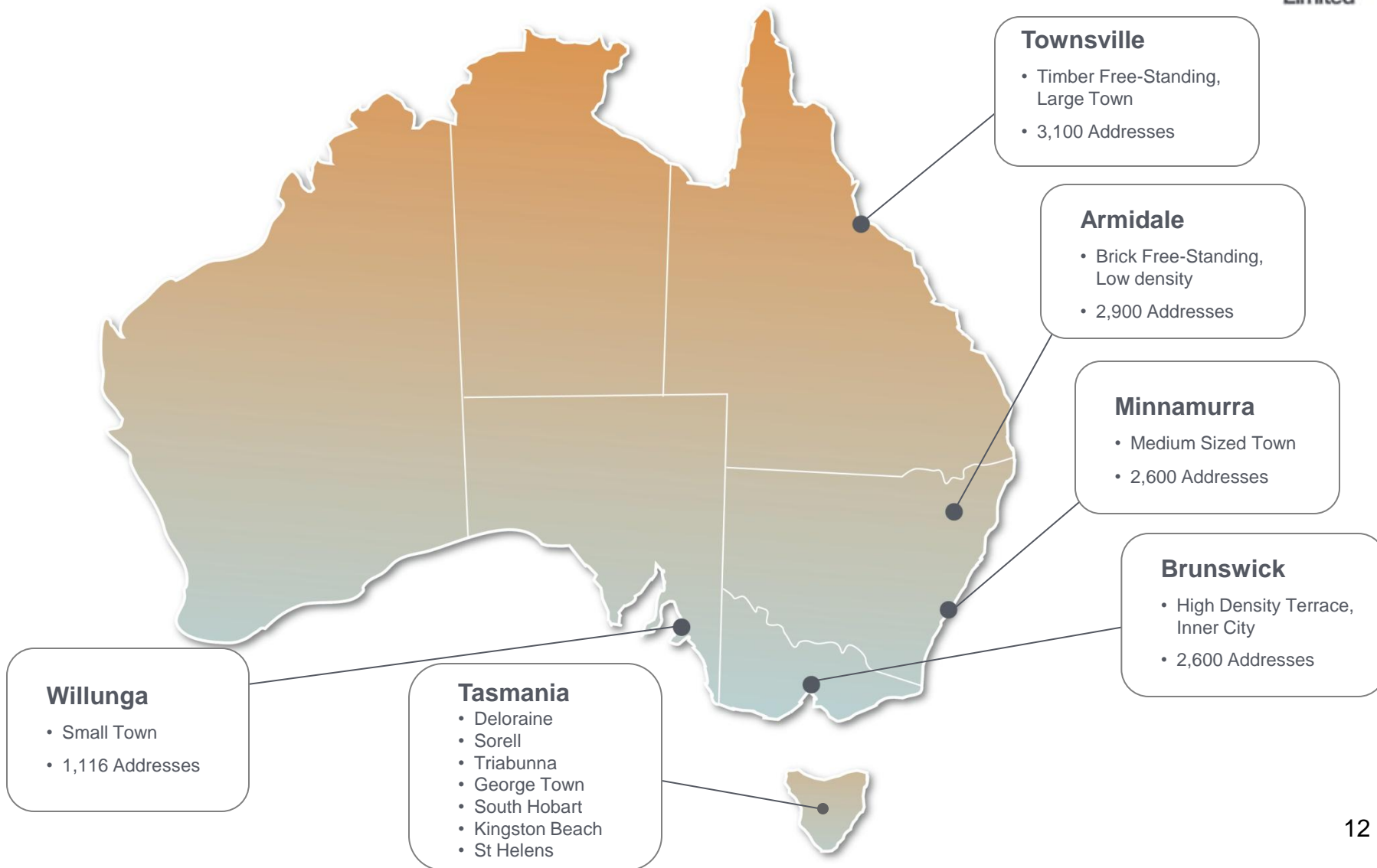
- Roll-out over approximately 8 years
- We will pass 10-11 million premises
- Some 4,000 premises passed per day during peak construction years
- We will put in place 250,000km of fibre cable
- Direct construction workforce of between 15k to 20k FTE's at the peak of construction



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First re

- Five in Mainland Australia
- Seven in Tasmania



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33 Ohio Street Armidale NSW 2350

Professionals Armidale

[More listings from this agency](#)

Professionals



Property ID: 12042418

SCOPE TO ENHANCE

Situated in a tree lined street this property offers 3 bedrooms plus study, lounge room with feature timber panelling, separate dining room and bathroom. The kitchen has an air of natural light which is enhanced by its crisp and compact white cupboards and cream benches, opening and opens onto its private terrace full of lush garden colours and peaceful outlook. Additionally this property offers double lock up garage plus workshop space, second toilet off terrace, block size approx 1470.6m² and comes with a great rental history with a long term tenant leasing at \$245 per week. **This home is included in the area for the National Broadband network first release fibre to the premises in Armidale.** With definite scope to enhance, why not explore and take the next step with this character home awaiting your arrival!

- **Greenfields**
 - 1 million new dwellings in next 10 years
 - Land, infill and MDU's
- **NBN Co considering:**
 - Consequences for design
 - Consequences for roll out
 - Consequences for mobilisation
 - Provide certainty for the Construction Industry



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