

***Focus on the Coast***  
***Connecting the Coast – Broadband***  
***Regional Development Australia Central Coast***

Duncan Bremner  
Stakeholder Relations NBN Co

19<sup>th</sup> August 2010

# NBN Co Objectives



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



# Ensuring Community and Stakeholder Engagement is key to our Operating Model

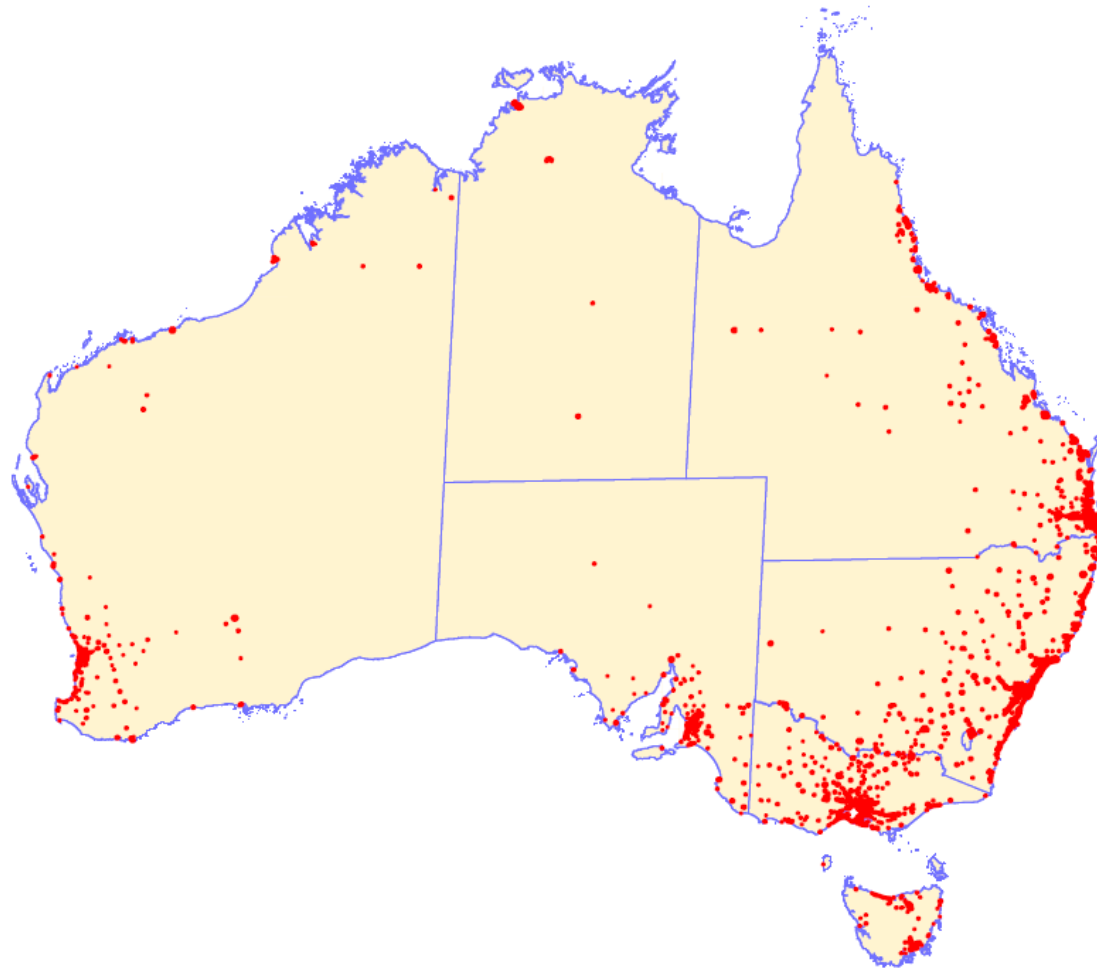


## Some of the things that we are doing...

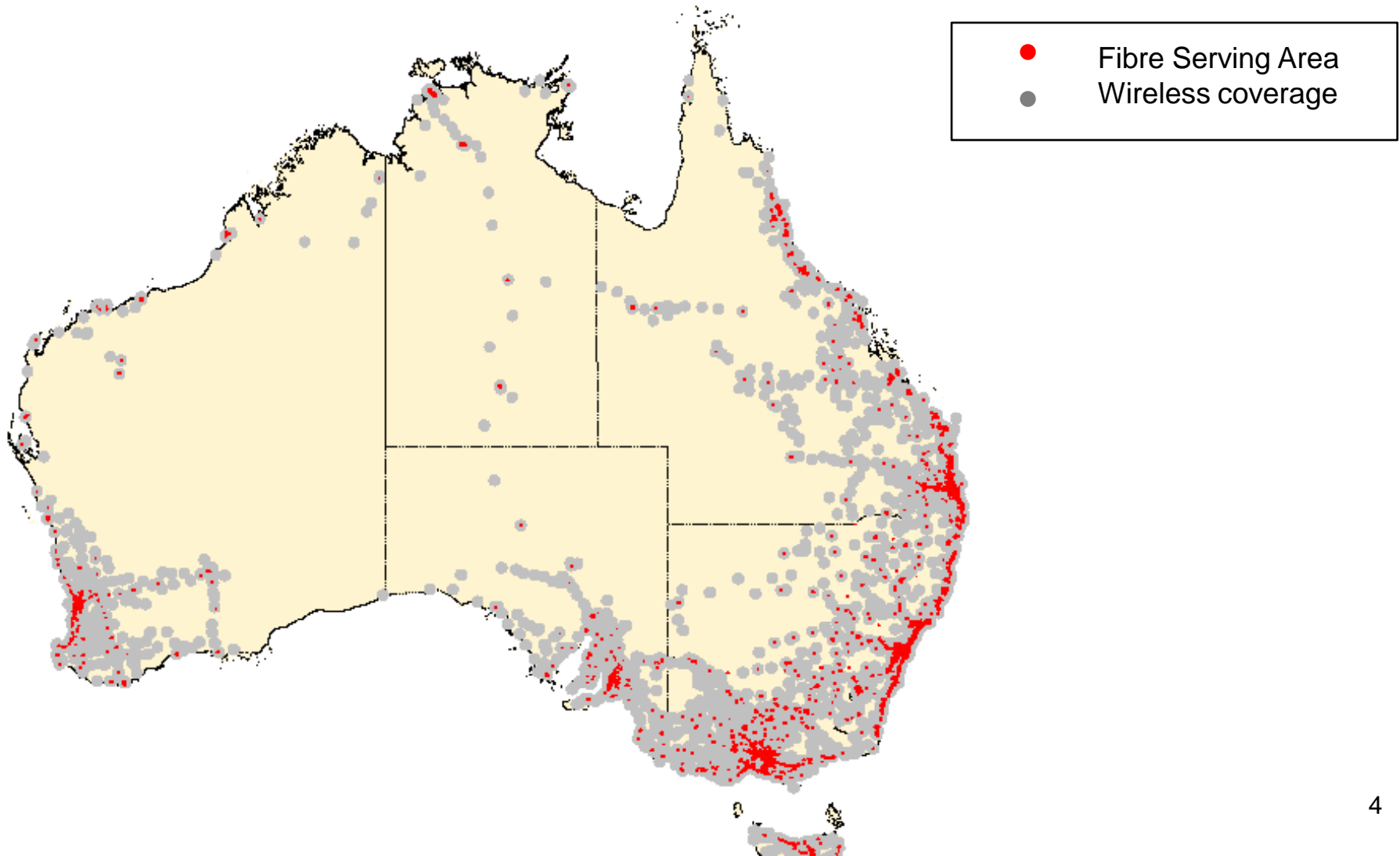
- Targeted and continuous community involvement throughout the construction of the new network
- Making sure that suppliers are engaged as partners and are a key component of our community engagement process
- Ensuring ongoing grass-roots representation through a dedicated community and construction executive role within NBN Co Construction group
- Achieving a fully transparent engagement model at all stakeholder levels

**Community satisfaction is a key success factor for construction roll-out**

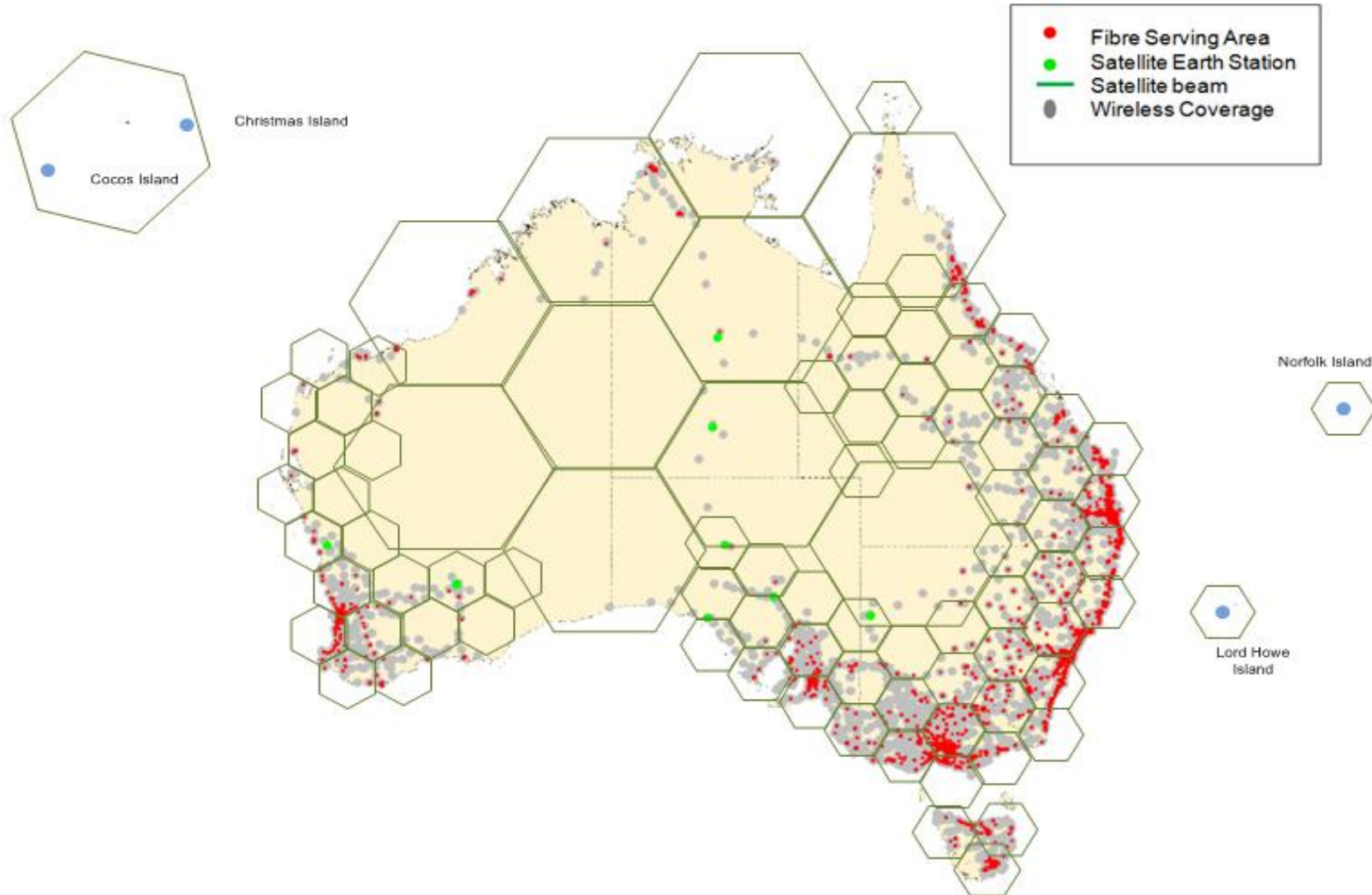
# Australia – At least 90% Fibre Coverage



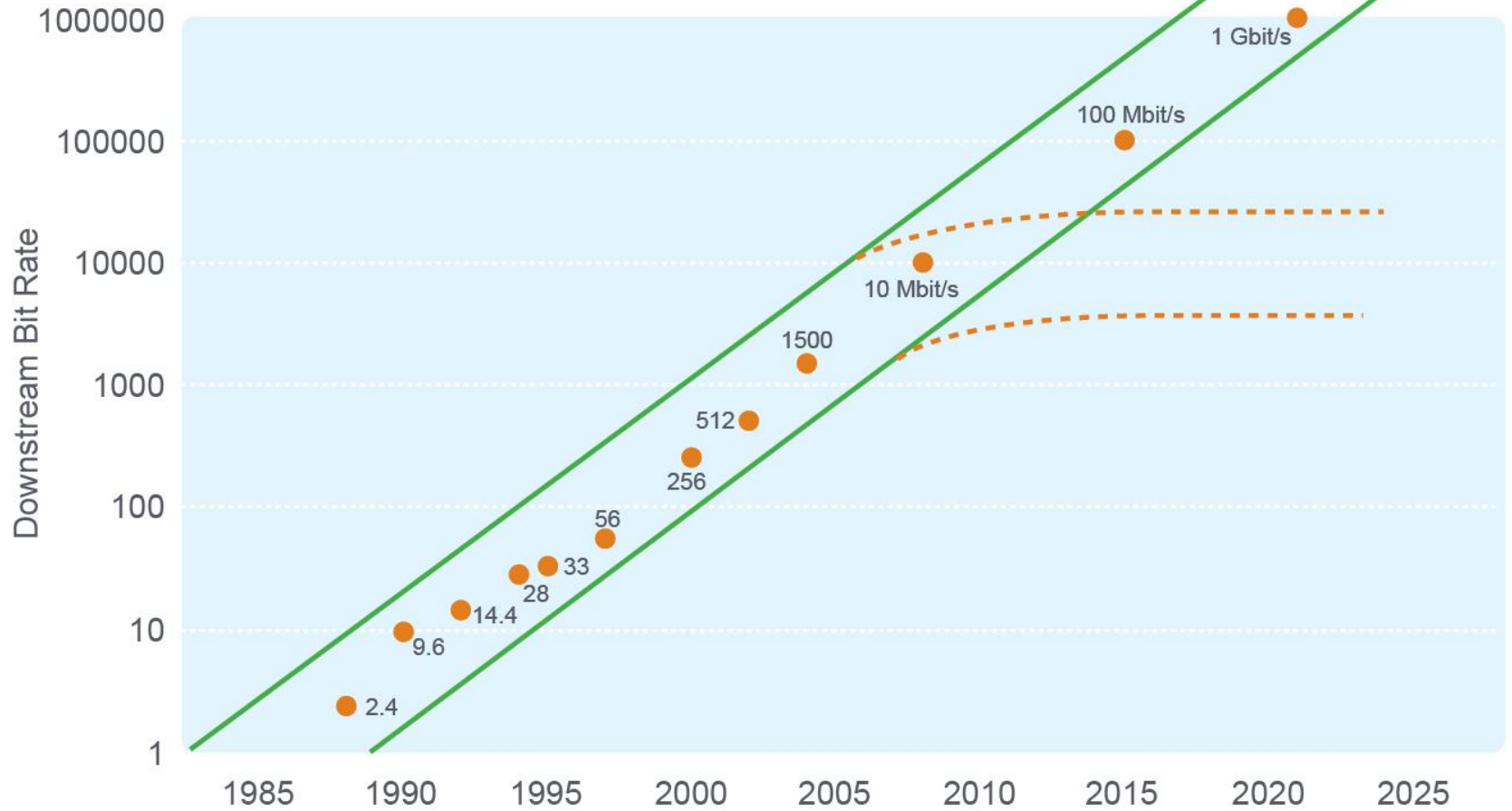
# Australia – wireless coverage



# Fibre network + wireless + satellite

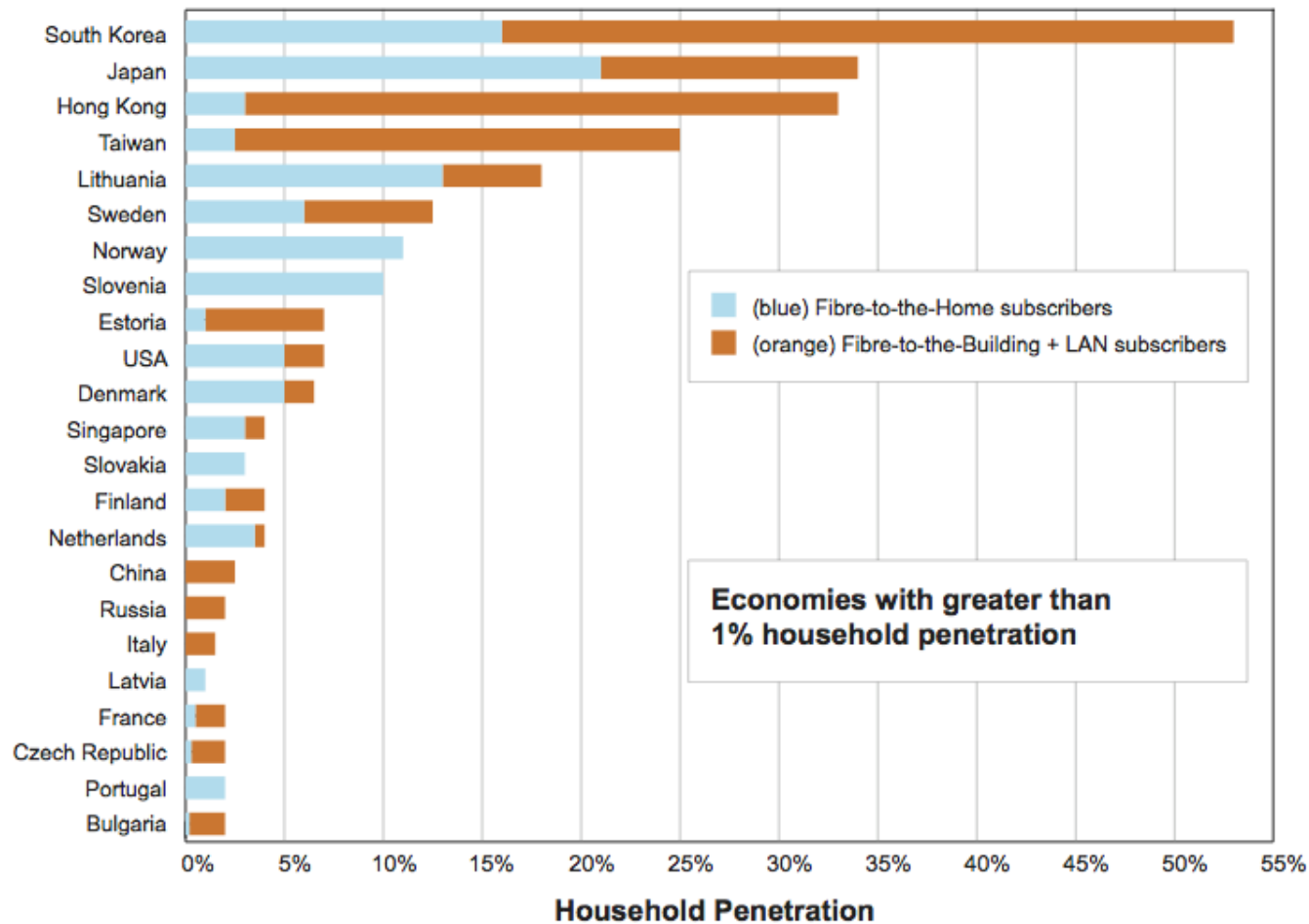


# Fixed Bandwidth Demand

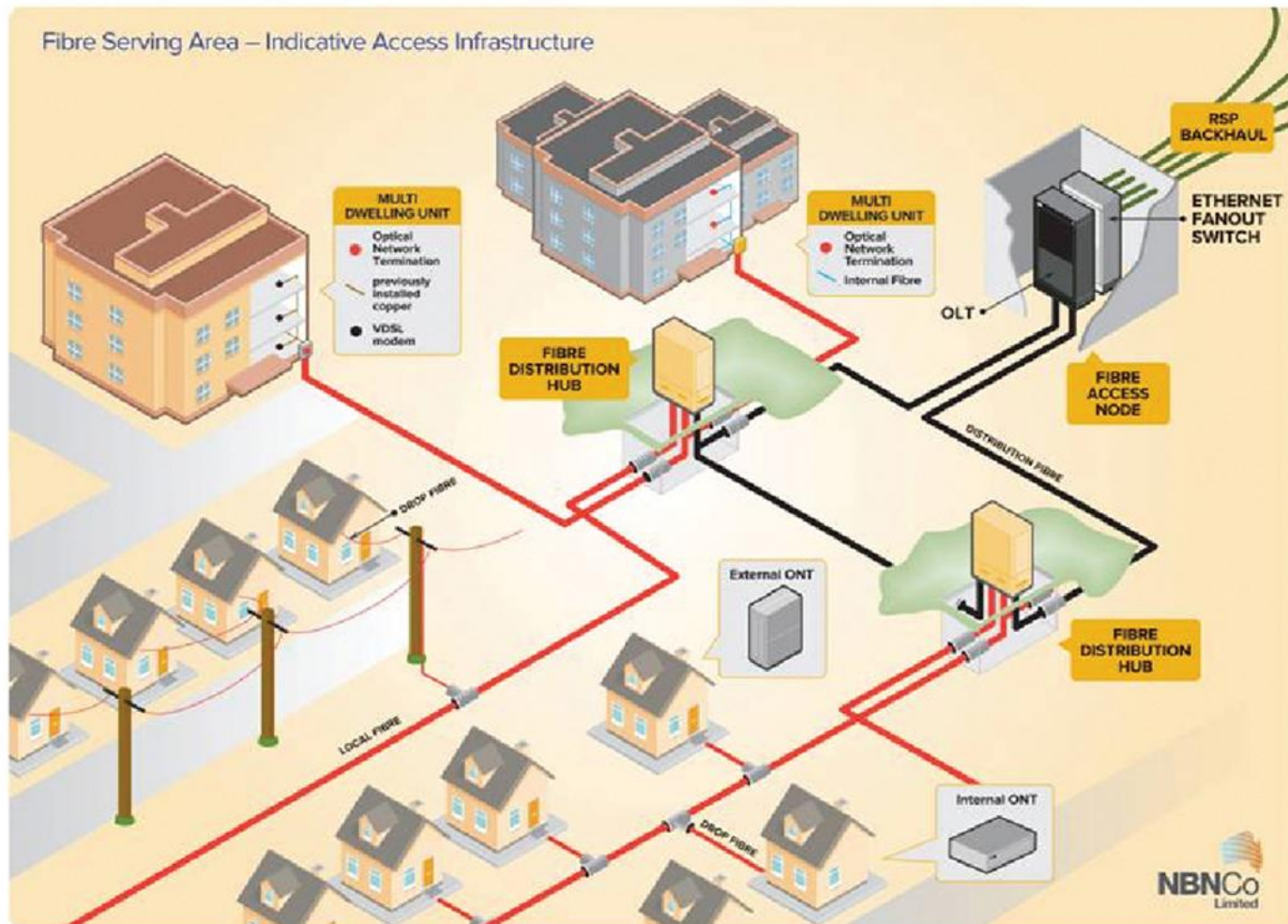


# Fibre penetration in key economies

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



# Physical Infrastructure Representation



# What the network looks like: Hobart – June 2010



# 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



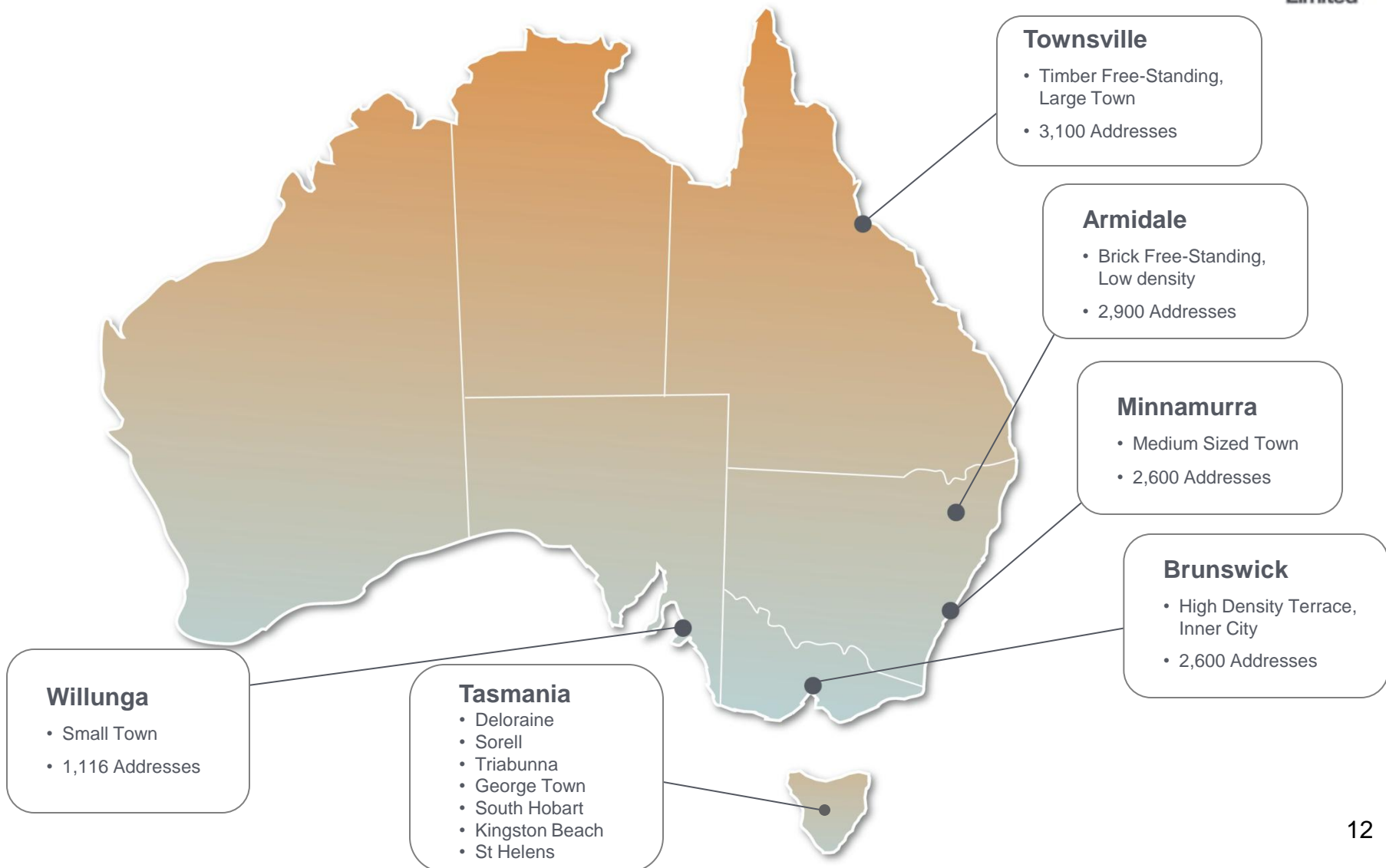
When we go to full scale national construction some of the statistics are:

- 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



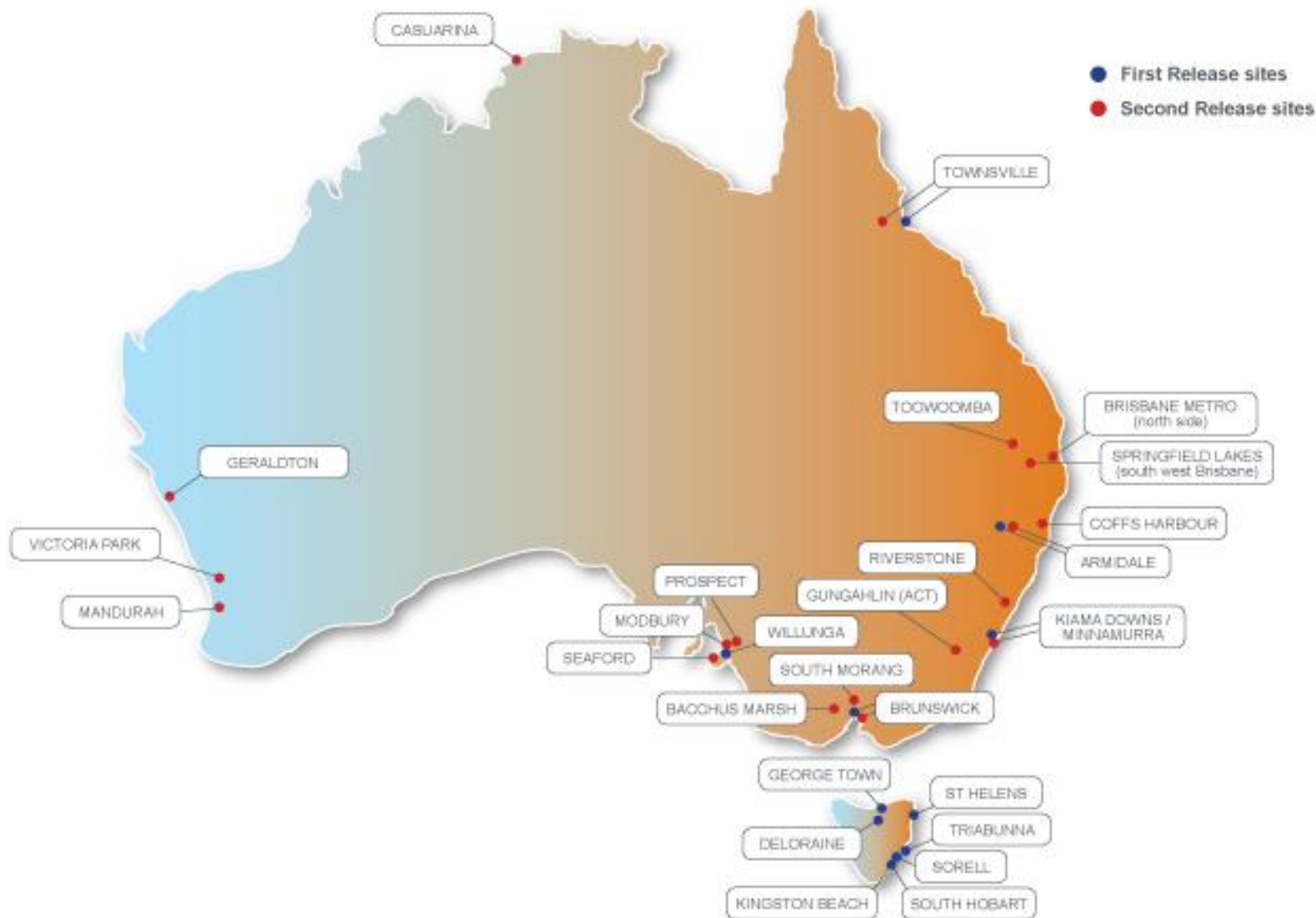
# First release sites

- Five in Mainland Australia
- Seven in Tasmania



# First and Second Release Sites

## National





# **NBNCo** **Limited**