

Overview of the National Broadband Network

The NBN is an Australian Government initiative and represents one of the largest infrastructure projects undertaken in this country.

The NBN will involve the laying of fibre optic cabling past approximately 93 per cent of Australian homes, schools and businesses, providing broadband services with initial speeds of up to 100 megabits per second (mbps), rising to 1 gigabit per second (gbps) in 2012, and with the capacity for further upgrades in the future.* The remaining premises will be connected via a combination of next-generation high speed wireless and satellite technologies delivering peak speeds of at least 12 mbps.**

However, the speeds actually experienced by end-users will depend on a number of factors including the retail broadband plan they choose, their equipment and their in-premises connection.

Construction of the rollout commenced in Tasmania in April 2010 and continued with five First Release Sites (FRS) on the mainland in August 2010. A further 19 Second Release Sites (SRS) on the mainland were announced in July 2010 along with the announcement of seven

additional sites in Tasmania. The full volume rollout is expected to take approximately nine years to complete.

Figure 1: 93% fibre + 7% wireless and satellite

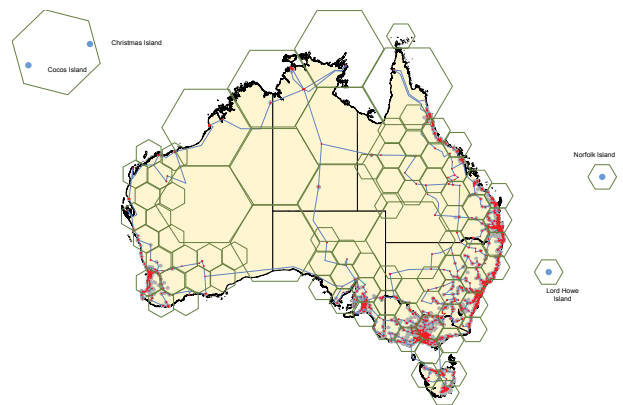
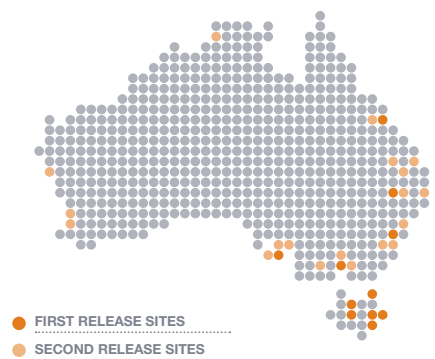


Figure 2: Rollout map - pilot sites



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At the height of the volume rollout, an estimated 6,000 premises will be passed per day.

The network will enable Service Providers to offer products to end-users (customers) using the high speed broadband network. When the network is 'live', it will be up to the Service Providers to market to and liaise directly with customers, with NBN Co's business focused on maintaining a high quality universal wholesale network.

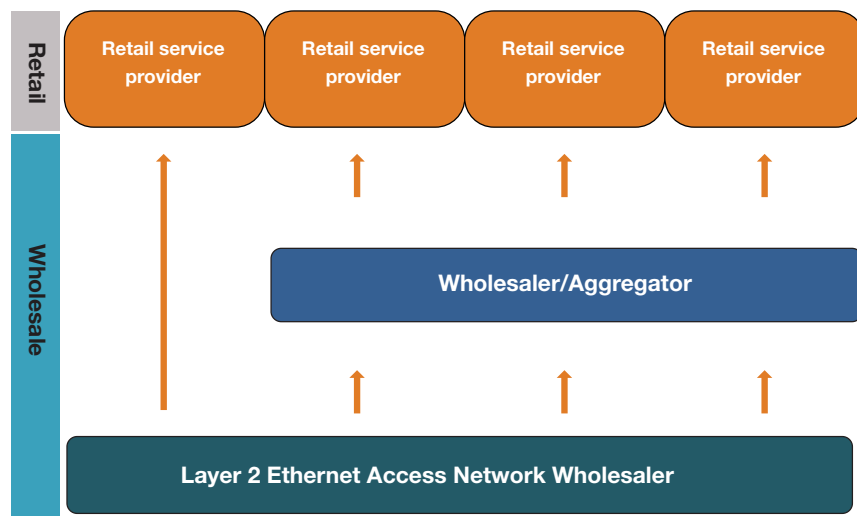
** Speeds actually experienced will depend on a number of factors including retail broadband plan, equipment and in-premises connections.*

*** Speeds actually experienced will depend on a number of factors including retail broadband plan, equipment, in-premises connections, the location of the end-user, local conditions and the number of concurrent users.*

QUICK FACTS

- Rollout over approximately 9.5 years
- Fibre expected to pass 12 million premises when the rollout is complete
- Almost 6,000 premises forecast to be passed per day during peak rollout
- Projected contracted construction workforce of 15,000 to 20,000 Full Time Equivalent (FTEs) at the peak of construction
- Construction will be rolled out simultaneously in metropolitan, regional, and rural areas
- The NBN will be Australia's first national wholesale-only, open access broadband network

Figure 3: NBN wholesale and retail business models



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