



# NBN UPDATE

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## The Internet Society (ISOC) principles

- Access
- Choice
- Transparency

## ISOC-AU Principles for the NBN

- High speed (symmetric) and quality bandwidth
- Accessible to all Australians
- Meet communications needs of people with disability
- Affordable
- Competitive environment giving users genuine choice of service and service provider

## What is Broadband

*Broadband is always a relative term, understood according to its context. The wider (or broader) the bandwidth of a channel, the greater the information-carrying capacity*

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## Why Broadband?



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## GOVERNMENT POLICY ON THE NBN

- 1994
- 1996
- 1999
- 2004
- 2005
- **2006**
- **2007**
- **2009**

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## GOVERNMENT POLICY ON THE NBN – 21/8-7/9



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## GOVERNMENT POLICY (Pre 21/8 – Post 7/9)

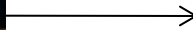
- FTTP delivering 100 Mb/s to 93% of the population
- Wireless/satellite delivering 12 Mb/s to 10% of the population
- Wholesale-only open access network
- Built by NBN Co - Government majority owned
- Costing \$43 billion with private investment

## Regional Broadband Backbone for NBN

- Backbone to six blackspot locations, providing over 100 access points
- Built by Nextgen
- Program costing \$250 million

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## Competition – The game will change





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## WHAT THE NBN IS- AND IS NOT

Is Not

the monopoly provider of infrastructure

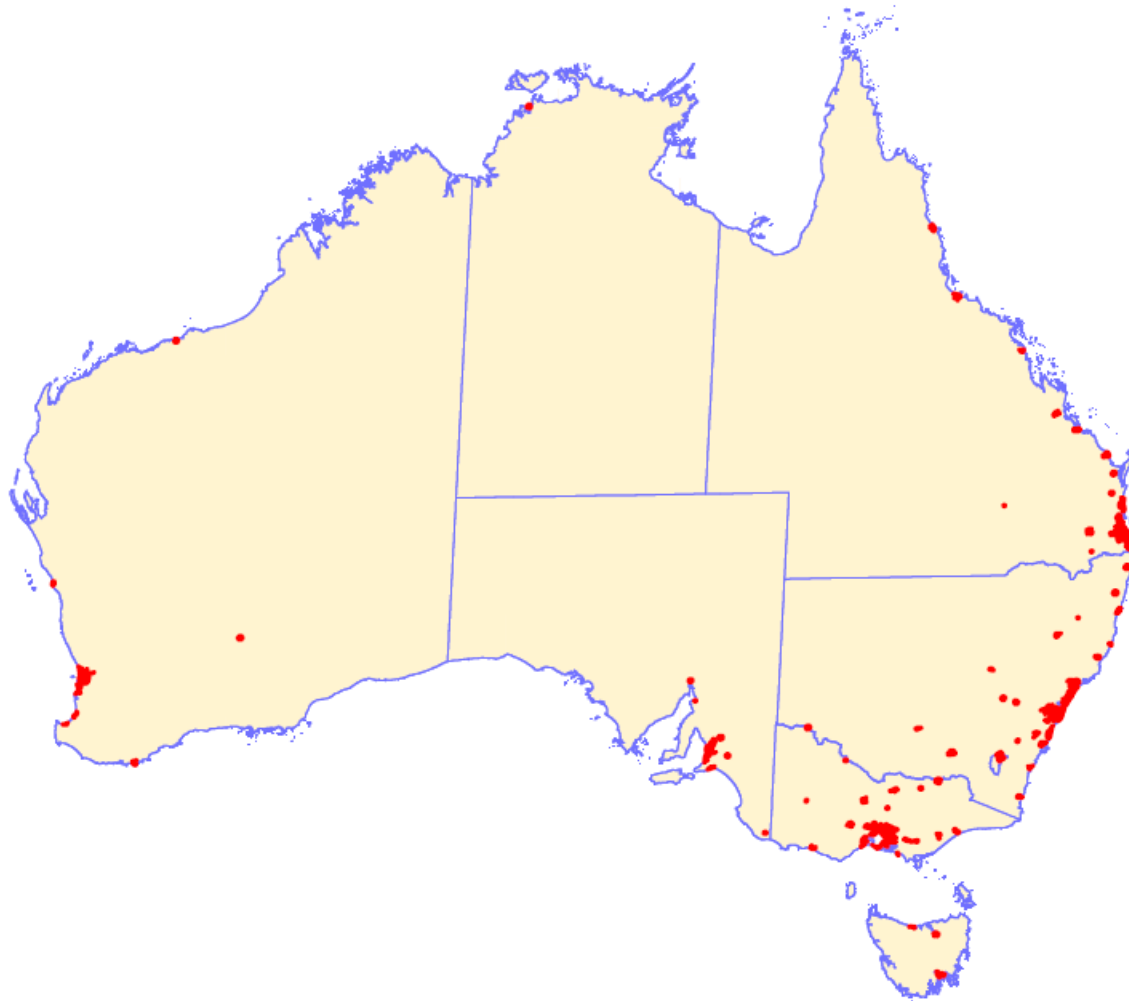
It will not duplicate existing fibre

It is:

Provider of fibre/wireless to premises

Provider of point of interconnect to backhaul

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## NBN - IMPLEMENTATION

- Formation of NBN Co
- Consultation Documents:
  - Communications Alliance (Reference Framework, wholesale services, early stage deployment, end user premises handbook, operational technical, end user migration)
  - NBN Co - Consultation Paper and reports
  - Implementation Study
- Construction
  - Tasmania as a pilot - up to building a test bed centre, with first retail service providers to begin (Primus, Internode, iiNet)
  - 5 mainland sites announced
  - NBN Co release a request for capability statements for NBN design and construction
  - Regional backbone program construction began

## NBN - IMPLEMENTATION (continued)

### Legislation:

- Telecommunication Legislation Amendment (Competition and Consumer Safeguards) Bill 2009 - in the Senate
- Exposure Drafts released:
  - National Broadband Network Companies Bill 2010
  - Telecommunications Legislation Amendment (National Broadband Network Measures - Access Arrangements) Bill 2010
  - Telecommunications Legislation Amendment (Fibre Deployment) Bill 2010

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## The issues – the questions

- Physical construction
- Connecting to the NBN
- Choosing a Service
- Service Quality
- Equipment
- Price
- Complaints
- Other Issues

*Thank you*