

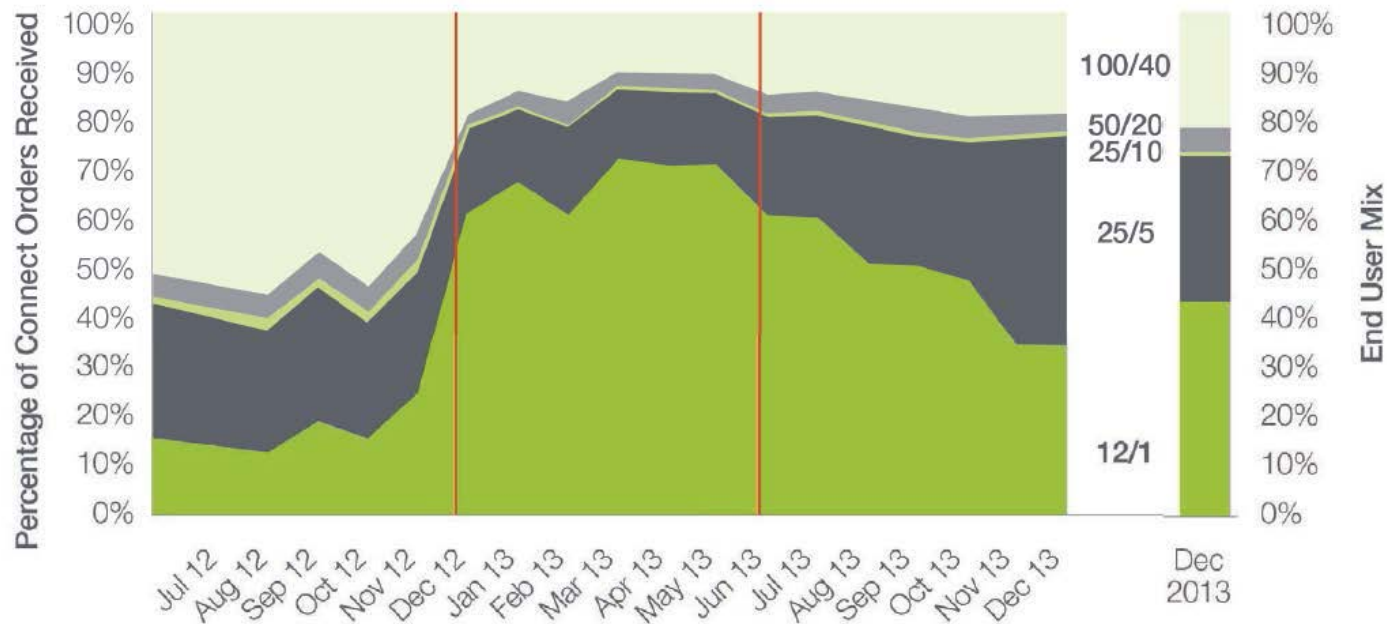
**Senate Select Committee  
on the  
National Broadband Network**

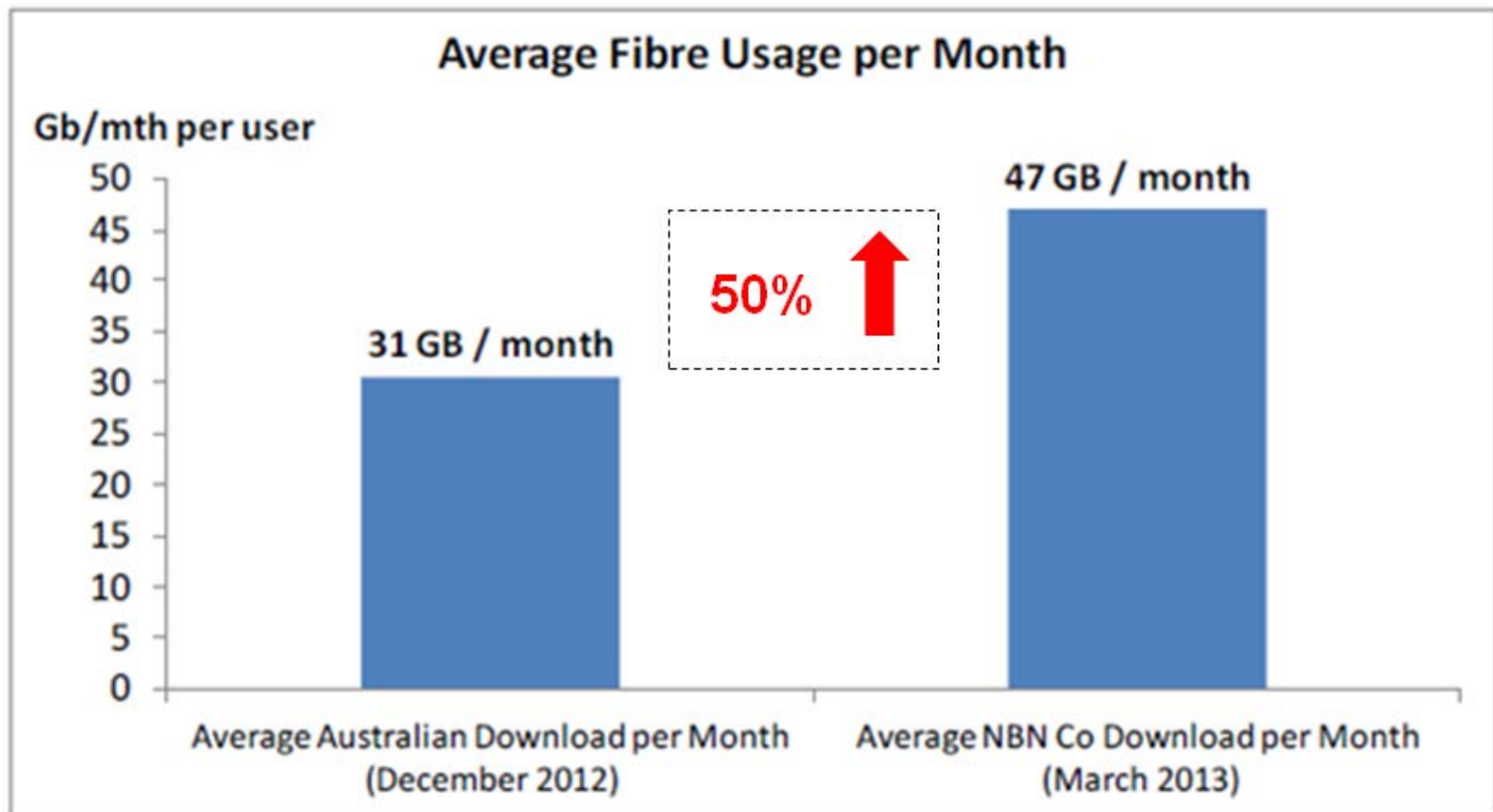
**Sydney  
5 May 2014**

# NBN Co – AVC Profile (Dec 2013)

## Incremental Fibre Connect Orders by Speed Tier

National  
Broadband  
Network

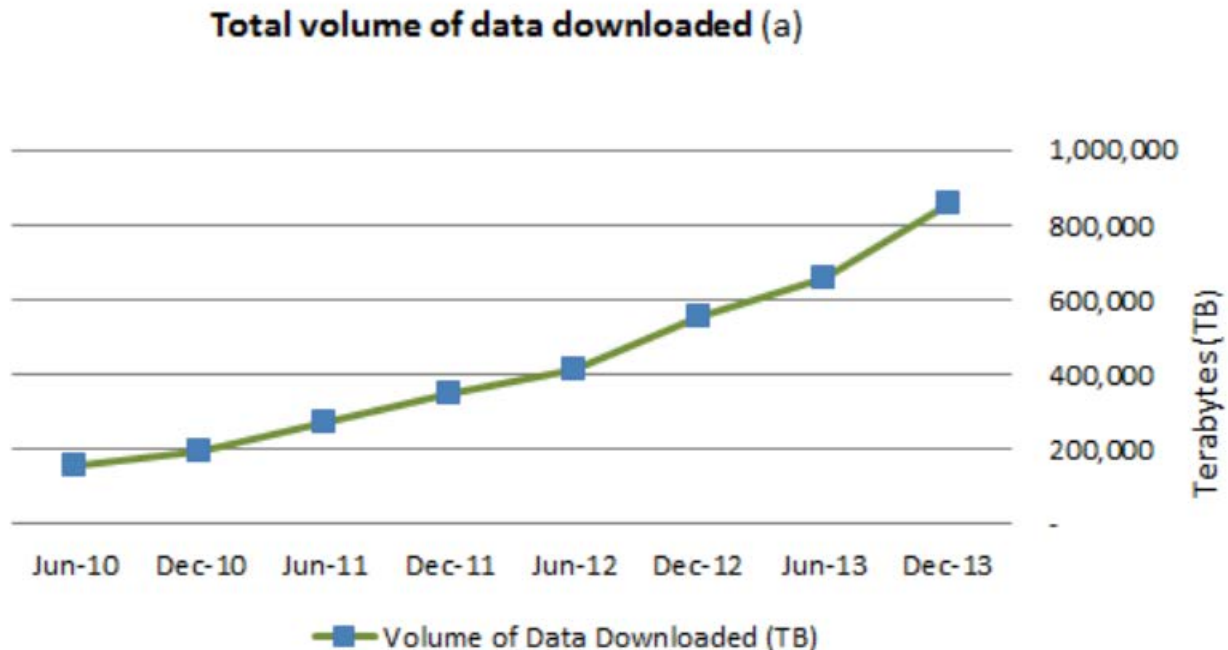




Source: ABS - 8153.0 - Internet Activity, Australia, December 2012. NBN Co Data 31 March 2013.

# ABS - Internet Activity, Australia

(December 2013, issued 8 April 2014)

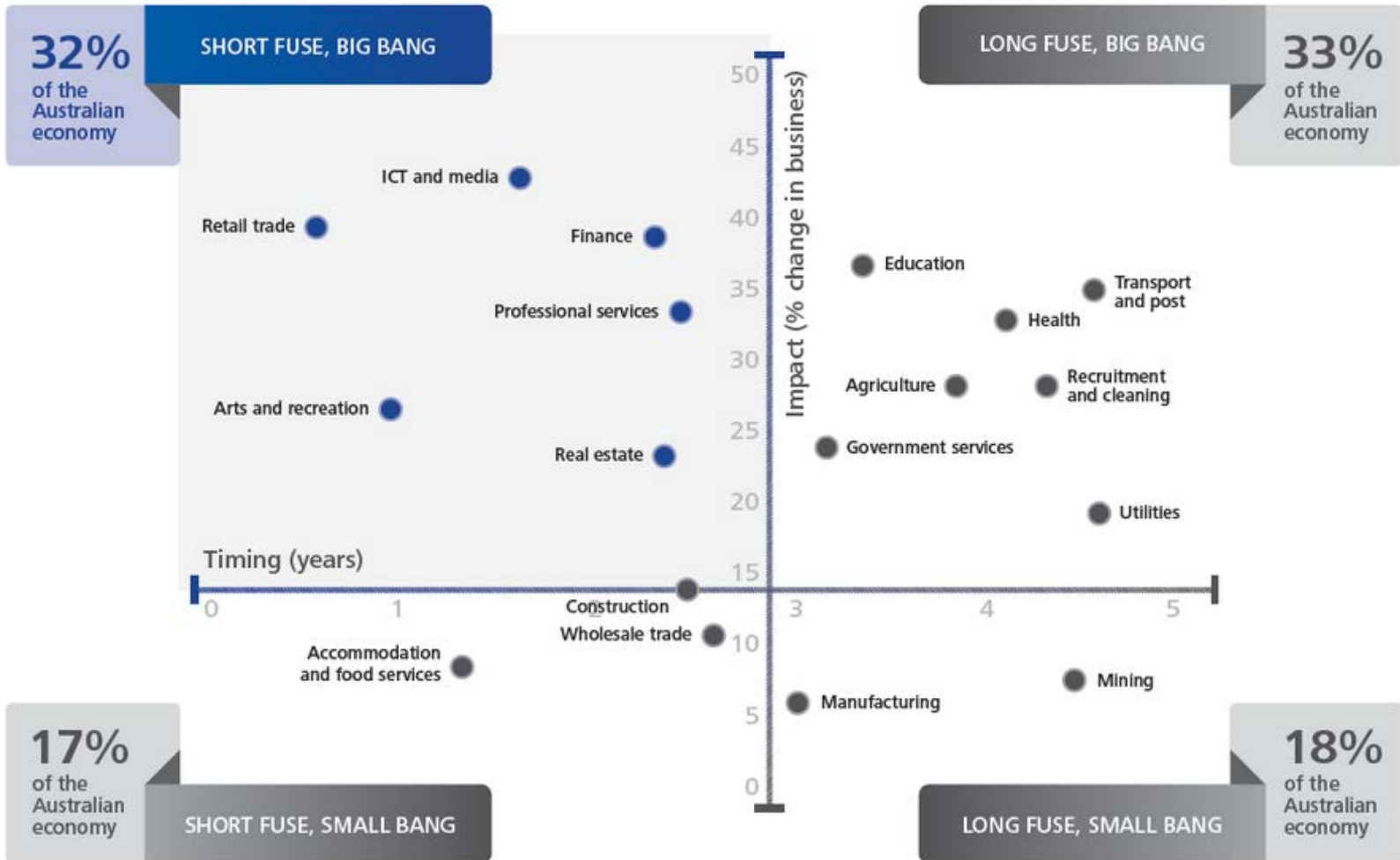


(a) Data reported for the three month period prior to the reference date.

Data downloaded by fixed-line broadband (823,421 Terabytes) accounted for 96% of all internet downloads in the three months ended 31 December 2013.

**An annual comparison of the volume of data downloaded by fixed line broadband shows a 56% increase.**

# Deloitte – Digital Disruption





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Topic: *NBN*

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# Alcatel tapped for Indonesia's Conrovian FttP rollout

**Summary:** *Telekom Indonesia will roll out fibre to the premises to at least million homes across 17,000 islands in Indonesia.*



Data Centre Software **Networks** Security Policy Business Hardware Science Bootnotes

NETWORKS > BROADBAND



## Indonesia plans 10 Gbps FTTP as part of 20-million-premises broadband project

**World's fourth-largest nation about to come online, bigtime**

<http://www.zdnet.com/au/alcatel-tapped-for-indonesias-conrovian-ftp-rollout-7000027179/>, viewed 4 May 2014

[http://www.theregister.co.uk/2014/03/11/indonesia\\_plans\\_10\\_gbps\\_broadband\\_sprint/](http://www.theregister.co.uk/2014/03/11/indonesia_plans_10_gbps_broadband_sprint/), viewed 4 May 2014

Topic: [NBN](#)

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# China's FttH an inconvenient NBN truth for Libs

**Summary:** *The Coalition has been berating journalists for not looking at overseas plans for nationwide broadband networks — but now that the world's most populous country has committed to FttH, what are we now to believe?*

## Delimiter

Just Australia. Just technology.



**NEWS, TELECOMMUNICATIONS** - Written by [Renai LeMay](#) on Friday, August 24, 2012 11:46 - [21 Comments](#)

## Fibre to the home the 'preferred' option, says NZ

Tags: [amy adams](#), [coalition](#), [fibre to the node](#), [fixed wireless](#), [national broadband network](#), [national party](#), [nbn](#), [nbn co](#), [new zealand](#), [nz](#), [satellite](#), [stephen conroy](#)

# Memo Malcolm Turnbull: Don't stuff up NBN

ALAN KOHLER | THE AUSTRALIAN | MARCH 18, 2014 12:00AM



SAVE

**I'VE spent a lot of time writing about the politics of the NBN over the past few years. This time I want to write about the reality of it, for the customers and the resellers.**

One of the 375 postcodes in Australia that now has the NBN connected is Brunswick, an inner Melbourne suburb.



**AUSTRALIAN COMPETITION TRIBUNAL**

**Qantas Airways Limited [\[2004\] ACompT 9](#)**

**SUMMARY**

**File No 5 of 2003**

**RE: APPLICATION FOR REVIEW OF THE DETERMINATION OF THE AUSTRALIAN COMPETITION AND CONSUMER COMMISSION MADE ON 9 SEPTEMBER 2003 DENYING AUTHORISATION IN RELATION TO APPLICATIONS A30220, A30221, A30222, A90862 AND A90863 (PROPOSED ACQUISITION BY QANTAS OF ORDINARY SHARES IN AIR NEW ZEALAND AND COOPERATIVE ARRANGEMENTS BETWEEN QANTAS, AIR NEW ZEALAND AND AIR PACIFIC)**

**BY: QANTAS AIRWAYS LIMITED (ABN 16 009 661 901) and AIR NEW ZEALAND LIMITED (ABN 70 000 312 685)**

Applicants

**GOLDBERG J (President), MR G F LATTA and PROFESSOR D K ROUND**

**16 MAY 2005**

Page No. 1 of 200

22. APPLICANTS AND RESPONDENTS OF THE DETERMINATION OF THE INTERNATIONAL COMPETITION AND CONSUMER COMMISSION UNDER THE SUPERSEDED AND REVOKED DETERMINATION IN RELATION TO APPLICANTS' APPEAL, APPEAL, APPEAL AND APPEAL (PROCESSED UNDER SECTION 87(1)(A) OF THE COMPETITION AND CONSUMER ACT 2014 AND APPEAL AND APPEAL (PROCESSED UNDER SECTION 87(1)(A) OF THE COMPETITION AND CONSUMER ACT 2014) BETWEEN QUALITY SERVICE LIMITED AND THE APPLICANTS.

BY QUALITY SERVICE LIMITED AND THE APPLICANTS AND THE APPLICANTS AND THE APPLICANTS TO THE APPEAL.

Appendix

INTERNATIONAL COMPETITION AND CONSUMER COMMISSION

10 JULY 2015



## Paragraph 222:

**Mr Ergas...** appeared reluctant to respond to questions whose answers **might have been adverse to the case** put by the party calling [him].

**[Mr Ergas] provided non-responsive answers and deviated to discussions of other issues** which supported the case of the applicants.

**Such an attitude and conduct of an expert witness leads to a conclusion of partiality and an inability to express an objective expert opinion upon which reliance can be placed.**



Page No. 7 of 2007

62. APPLICANTS AND SERVICE OF THE ANTITRUST COMPETITION AND CONSUMER COMMISSION UNDER THE SUPPLY OF QUALITY SERVICE CONTRACTS IN RELATION TO APPLICANTS' QSCS, QSCS, QSCS, QSCS AND QSCS PROVIDED UNDER THE SUPPLY OF QUALITY SERVICE CONTRACTS IN NEW ZEALAND AND COMPENSATION ARRANGEMENTS BETWEEN QSCS, NEW ZEALAND AND THE FCB.

63. QSCS ARRANGEMENTS LIMITED UNDER THE NEW ZEALAND LIMITED UNDER THE NEW ZEALAND

Appendix

ANTITRUST COMPETITION TRUST FUND

10/10/2007



**Paragraph 642:**

The cost savings calculated by **Mr Ergas** were based upon factual and counterfactual scenarios **which were not necessarily the only choices open to the applicants.**

**Paragraph 651:**

**Mr Ergas'** calculations appeared to be predicated **upon unstated assumptions and suppositions rather than on precisely spelled out inputs.**

Page No. 7 of 2007

64. APPLICANTS AND DEFENDERS OF THE DETERMINATION OF THE ANTITRUST COMPETITION AND CONSUMER COMMISSION TO USE OR SUPPLEMENT THE DEFENDING DETERMINATION IN RELATION TO APPLICANTS' UNCLE, UNCLE, UNCLE, UNCLE AND UNCLE PROCEEDED AS IF DEFENDERS BY QUANTIFYING BENEFITS OF THE NEW DEAL AND UNCOMPENSATED BENEFITS BETWEEN QUANTIFYING THE NEW DEAL AND UNCLE AND PAR 645.

67. QUANTIFYING BENEFITS LIMITED TO THE NEW DEAL AND UNCLE LIMITED TO THE NEW DEAL.

Appendix

ANTITRUST COMPETITION TRIBUNAL, 100 QUEEN'S SERVICE CENTRE, 100 QUEEN'S SERVICE CENTRE, 100 QUEEN'S SERVICE CENTRE

10/10/2016



**Paragraph 645:**

**We had little confidence in the methodology used by Mr Ergas to quantify the public benefits claimed by the applicants and accordingly we were not persuaded by the estimated figures he ultimately reached for each category of benefit.**

# Claims about NBN cost to consumers

## THE SOCIAL LOSSES FROM INEFFICIENT INFRASTRUCTURE PROJECTS: RECENT AUSTRALIAN EXPERIENCE

HENRY ERGAS AND ALEX ROBSON\*

PRODUCTIVITY COMMISSION ROUND TABLE

*STRENGTHENING EVIDENCE-BASED POLICY IN THE AUSTRALIAN  
FEDERATION*

17-18 AUGUST 2009

***Page 13: “Thus, for the most likely estimate of \$170 per month, unit costs in metropolitan areas are of \$133 per month, while those in non-metropolitan areas are just under \$380.”***

CONNECTING OVER 93% OF AUSTRALIANS

## NBN FIBRE

NBN is delivering reliable state of the art fibre optic technology broadband right now with speeds up to 100Mbps.

### A: SELECT YOUR INTERNET SPEED

<b>12/1 Mbps</b> <i>Only \$29.95</i>	<b>25/5 Mbps</b> <i>Only \$39.95</i>	<b>50/20 Mbps</b> <i>Only \$44.95</i>	<b>100/40 Mbps</b> <i>Only \$49.95</i>
---	---	--	---

### B: SELECT YOUR DATA USAGE

All plans include 5+10GB unshaped data, but if that isn't enough, select an upgrade below.

<b>5 + 10GB</b> <i>Included</i>	<b>10 + 10GB</b> <i>Add \$4.95</i>	<b>50 + 50GB</b> <i>Add \$19.95</i>	<b>100 + 100GB</b> <i>Add \$29.95</i>
<b>500 + 500GB</b> <i>Add \$49.95</i>			

1.8c per MB will be charged if the customer exceeds their usage.

**Your plan is \$29.95 per month**

# Here's a stack of reasons to choose an iiNet NBN plan.

Whoa - these boxes are surprisingly heavy.



Number 1 in customer service

Fast, hassle-free connection

Dedicated NBN experts

NBN plans from \$49.95 a month\*



Disconnected soon?  
[Check our interactive map](#)



**Your Plan:** NBN Residential 1 plan (20GB + 20GB) + 12/1 Mbps turbo pack (available on 24 month contract only)

Minimum total cost over a 24 month contract on the NBN Residential 1 plan (20GB + 20GB) + 12/1 Mbps turbo pack is \$1198.80. \* These are maximum NBN access port speeds. Data transfer speeds to individual premises may differ. For further information, visit [our article on NBN performance](#).

**\$49.95** per month

**Check Availability**





# MY HOME BROADBAND

**30 GB**

**\$55 / Month**

**MINIMUM TOTAL COST**

\$1410 on a 24 month plan

Including \$70 Connection &  
\$20 delivery fees

Price for 1MB of Data is \$0.0018

# Malcolm Turnbull to include Labor critic on NBN panel

November 20, 2013

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Jonathan Swan

National political reporter

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Economist Henry Ergas, one of the fiercest critics of the previous Labor government's policy on the national broadband network, will on Malcolm Turnbull's NBN analysis panel. *Photo: Nic Walker*

Professor Ergas has been one of the fiercest critics of the previous Labor government's plans to spend \$37.4 billion running fibre to the front doors of homes and businesses across Australia.

**Mr Ergas said he had handed out Liberal how-to-vote cards at the recent election, but said his Coalition connections would have no bearing on his ability to give independent advice if he were appointed to the NBN panel.**

Professor Ergas said it was a good thing that he participated in "community life" by supporting successful Liberal Senate candidate for the ACT Zed Seselja.

<http://www.smh.com.au/federal-politics/political-news/malcolm-turnbull-to-include-labor-critic-on-nbn-panel-20131120-2xuqu.html>,

viewed 2 May 2014

## Libs should dust off Ergas's review

GLENN MILNE | THE AUSTRALIAN | JUNE 01, 2009 12:00AM



SAVE

Not much has been known about that and the reasons have a lot to do with internal Liberal Party politics. It didn't have a propitious start. **What's not widely known is that Turnbull, ambitious for the leadership in April 2008** and already impatient with what he saw as the terminal leadership of Brendan Nelson, **launched the Ergas options review without even informing his leader.**

Nelson was very wary of what was in it. He presented the report to the shadow cabinet and they decided, in the words of one frontbencher, to "let it out on a day when all the focus was on Labor with an immediate disavowal of some of the more controversial elements".

**That day never came.** Nelson lost the leadership to Turnbull a matter of months later and the Ergas "theoretical issues paper", as Turnbull now refers to it in internal discussions, **remains locked in the shadow cabinet safe.**