

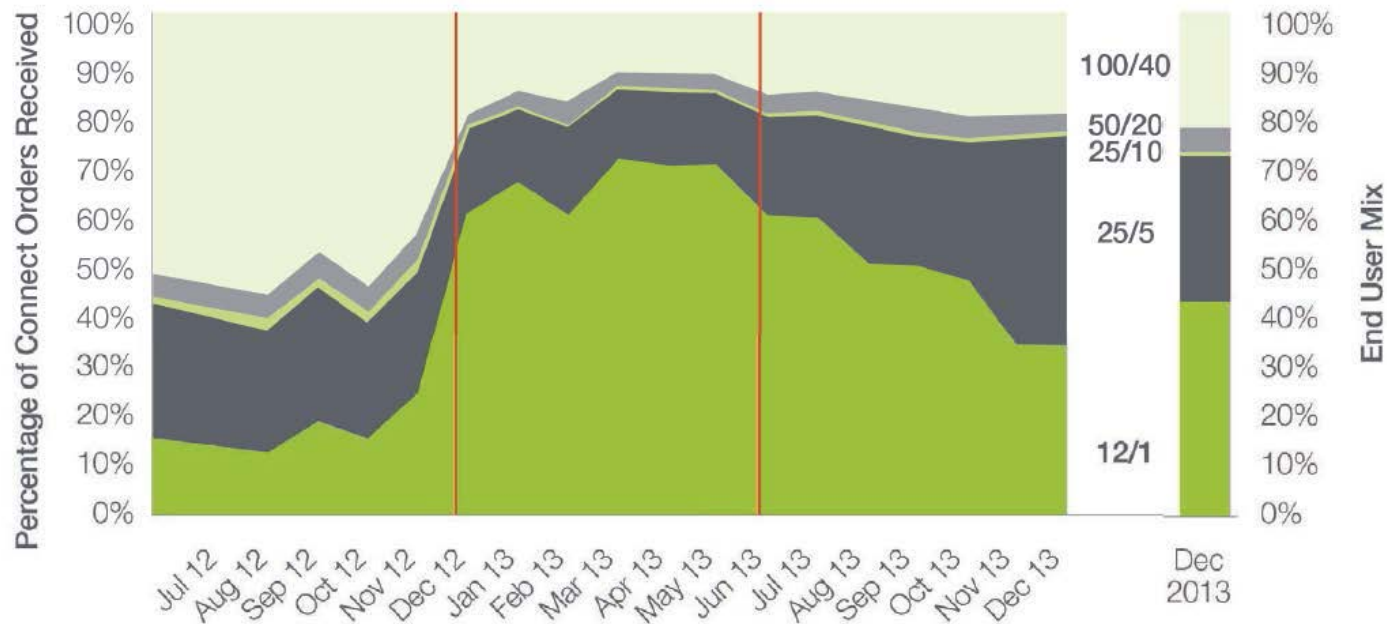
**Senate Select Committee
on the
National Broadband Network**

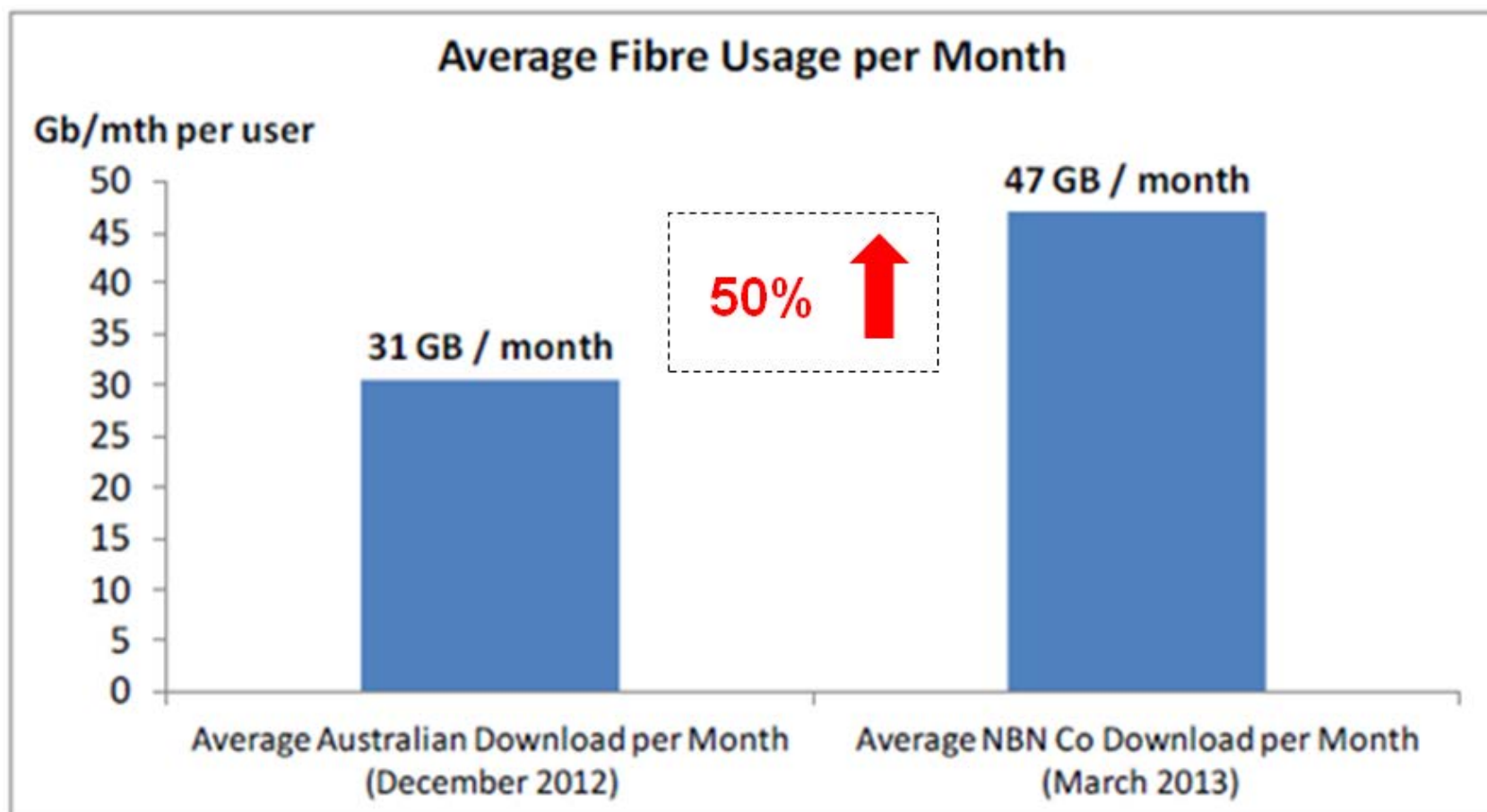
**Sydney
5 May 2014**

NBN Co – AVC Profile (Dec 2013)

Incremental Fibre Connect Orders by Speed Tier

National
Broadband
Network

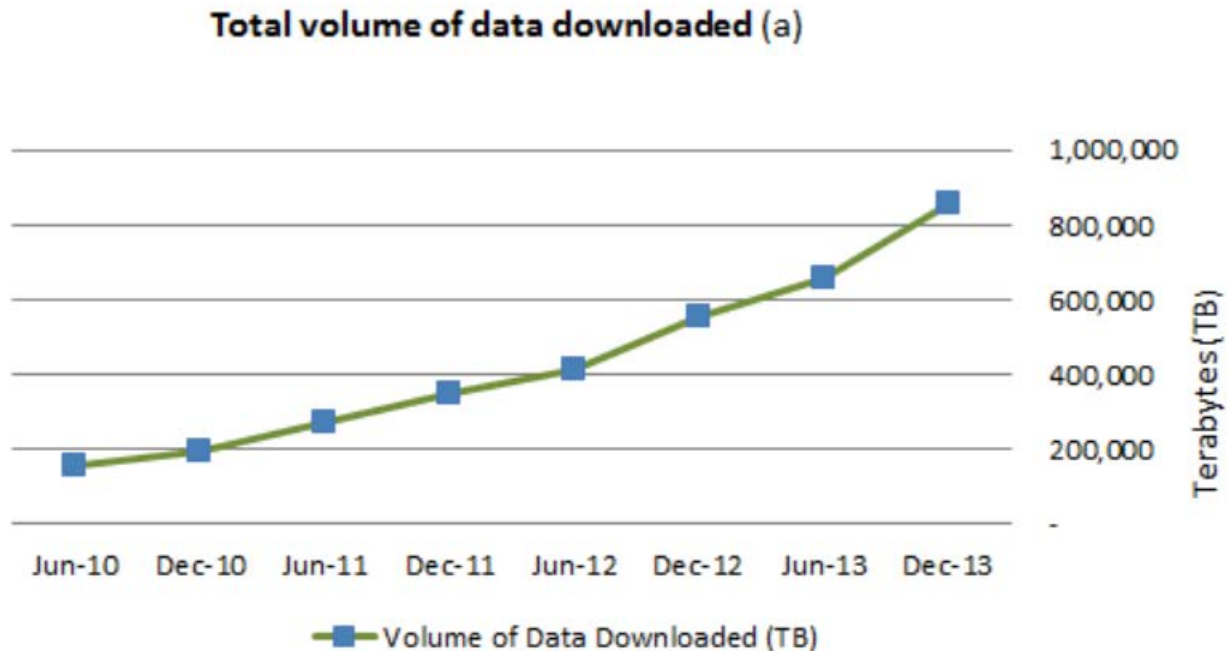




Source: ABS - 8153.0 - Internet Activity, Australia, December 2012. NBN Co Data 31 March 2013.

ABS - Internet Activity, Australia

(December 2013, issued 8 April 2014)

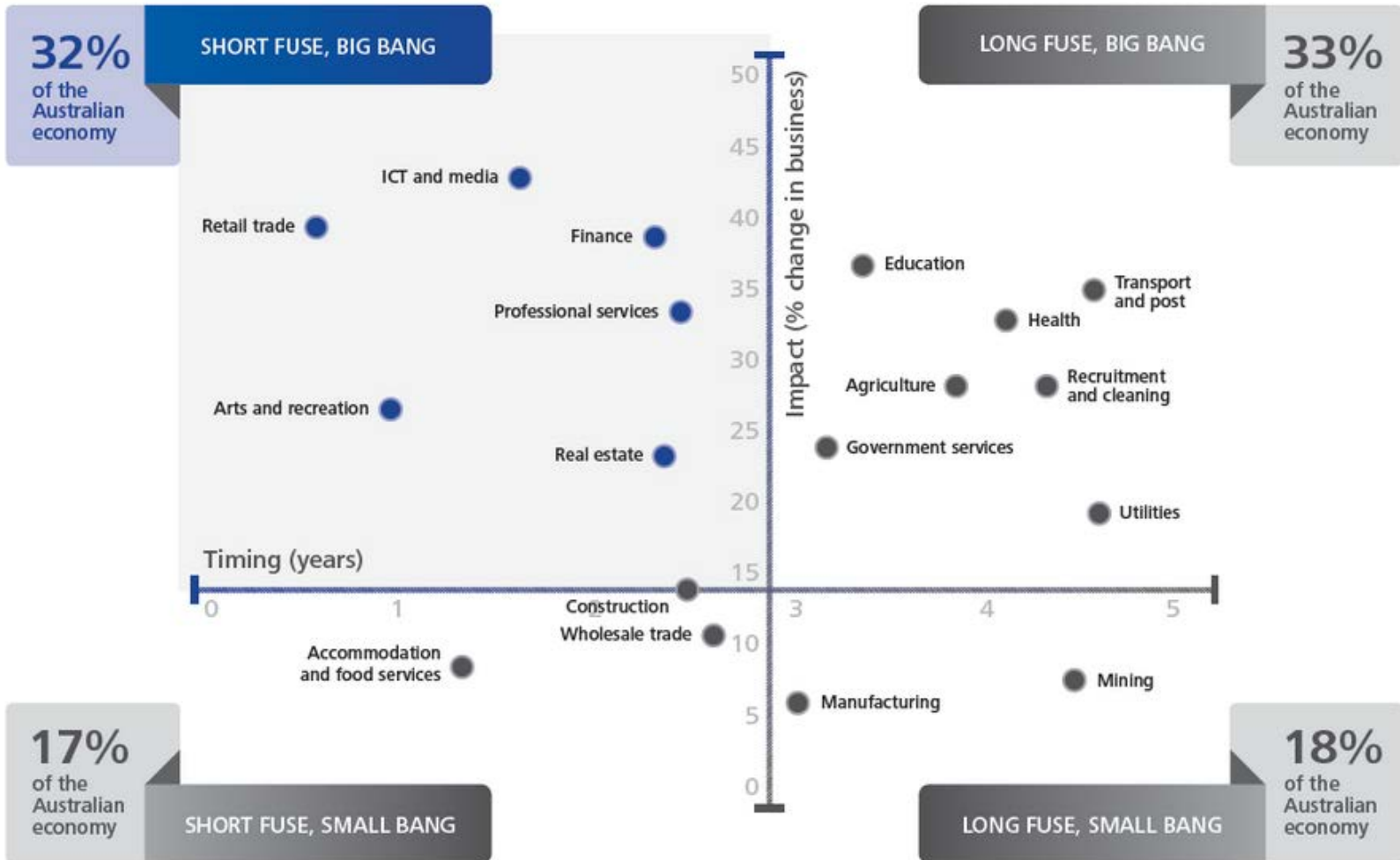


(a) Data reported for the three month period prior to the reference date.

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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Whitepapers

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/, viewed 4 May 2014

Topic: [NBN](#)

Follow via:  

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

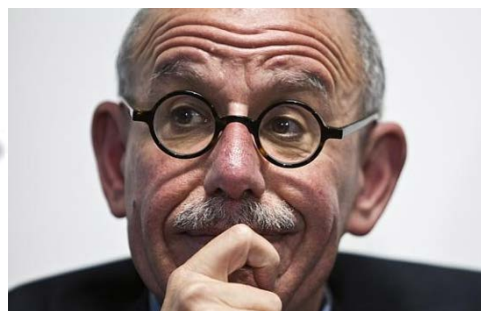
22. APPLICANTS AND RESPONDENT OF THE DETERMINATION OF THE INTERNATIONAL COMPETITION AND CONSUMER COMMISSION UNDER THE COMPETITION AND CONSUMER PROTECTION ACT 2004 IN RELATION TO APPLICANTS' APPEAL, APPLICANT, APPLICANT AND APPLICANT'S APPEAL UNDER THE QUALITY SERVICE LIMITED (QSL) APPEAL AND CONSUMER PROTECTION ACT 2004. APPLICANTS' APPEAL UNDER THE QUALITY SERVICE LIMITED (QSL) APPEAL AND CONSUMER PROTECTION ACT 2004.

23. APPLICANTS' APPEAL UNDER THE QUALITY SERVICE LIMITED (QSL) APPEAL AND CONSUMER PROTECTION ACT 2004.

24.

INTERNATIONAL COMPETITION TRIBUNAL

10/10/2010



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

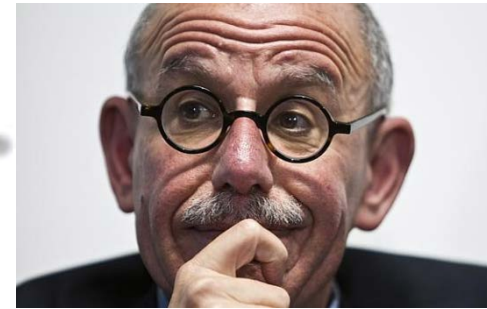
21. APPLICANTS AND RESPONDENTS OF THE DETERMINATION OF THE ANTITRUST COMPETITION AND CONSUMER PROTECTION BOARD ON 4 SEPTEMBER 2007 SETTING OUT THE DETERMINATION IN RELATION TO APPLICANTS' CLAIMS, WHICH, AMONG OTHER THINGS, INVOLVED AN ATTEMPT TO QUANTIFY THE BENEFITS OF THE NEW DEAL AND THE COMPETITIVE ADVANTAGES BETWEEN QUINCY AND THE NEW DEAL AND THE NEW DEAL.

22. QUINCY ADVANTAGE LIMITED AND THE NEW DEAL AND THE NEW DEAL LIMITED AND THE NEW DEAL.

23. 2007/09/04

2007/09/04 (Provisional), 2007/09/04 (Final) and 2007/09/04 (Final)

02045 41 4447



Paragraph 211:

His (**Mr Ergas'**) evidence provided **little real illumination** of the extent of the public benefits that were said to arise from the Alliance.

In his attempt to quantify these benefits, **his method and explanation left much to be desired and lacked clarity, detail and transparency.**

Accordingly, **we place little weight on the precise quantification of benefits presented by the applicants.**

Page No. 7 of 2007

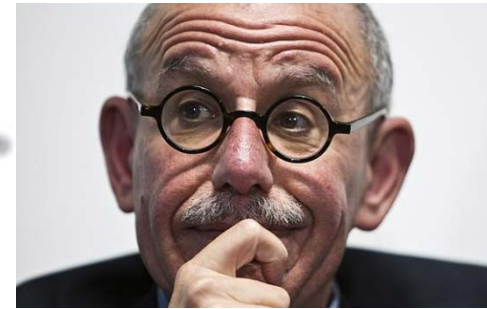
62. APPLICANTS AND DEFENDERS OF THE REORGANIZATION OF THE ANTITRUST COMPLIANCE AND CONSUMER COMPLIANCE GROUPS IN SEPTEMBER 2017 DEFENDING REORGANIZATION BY BELIEVING TO APPLICANTS' CHOICE, CHOICE, CHOICE, CHOICE AND CHOICE (PROPOSED AS A BASIS BY CHOICE OF CHOICE) CHOICE BY THE NEW DEAL AND CHOICE (PROPOSED AS A BASIS BY CHOICE OF CHOICE AND CHOICE CHOICE).

63. CHOICE (PROPOSED AS A BASIS BY CHOICE OF CHOICE) CHOICE BY THE NEW DEAL AND CHOICE (PROPOSED AS A BASIS BY CHOICE OF CHOICE AND CHOICE CHOICE).

Appendix

ANTITRUST COMPLIANCE TRAINING

10/10/17



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

65. APPLICANT'S SUBMISSIONS TO THE DETERMINATION OF THE INTERNATIONAL COMPETITION AND CONSUMER COMMISSION TO BE A SUPERSEDED AND DEFUNCT DETERMINATION IN RELATION TO APPLICANT'S QSC16, QSC17, QSC18, QSC19 AND QSC20 (PROPOSED) AND IN RELATION TO QSC16 TO QSC20 (PROPOSED) MADE BY THE NEW ZEALAND AND COMPETITIVE AUTHORITIES BETWEEN QSC16, QSC17, QSC18 AND QSC19 (2016).

67. QUALITY SERVICES LIMITED (QSL) IS AN ASSET BUYER AND NEW ZEALAND LIMITED (NZL) IS AN ASSET BUYER.

Appendix

INTERNATIONAL COMPETITION AND CONSUMER COMMISSION (ICCC) DETERMINATION IN RELATION TO APPLICANT'S QSC16, QSC17, QSC18 AND QSC19 (2016)

10/10/2018



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

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

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