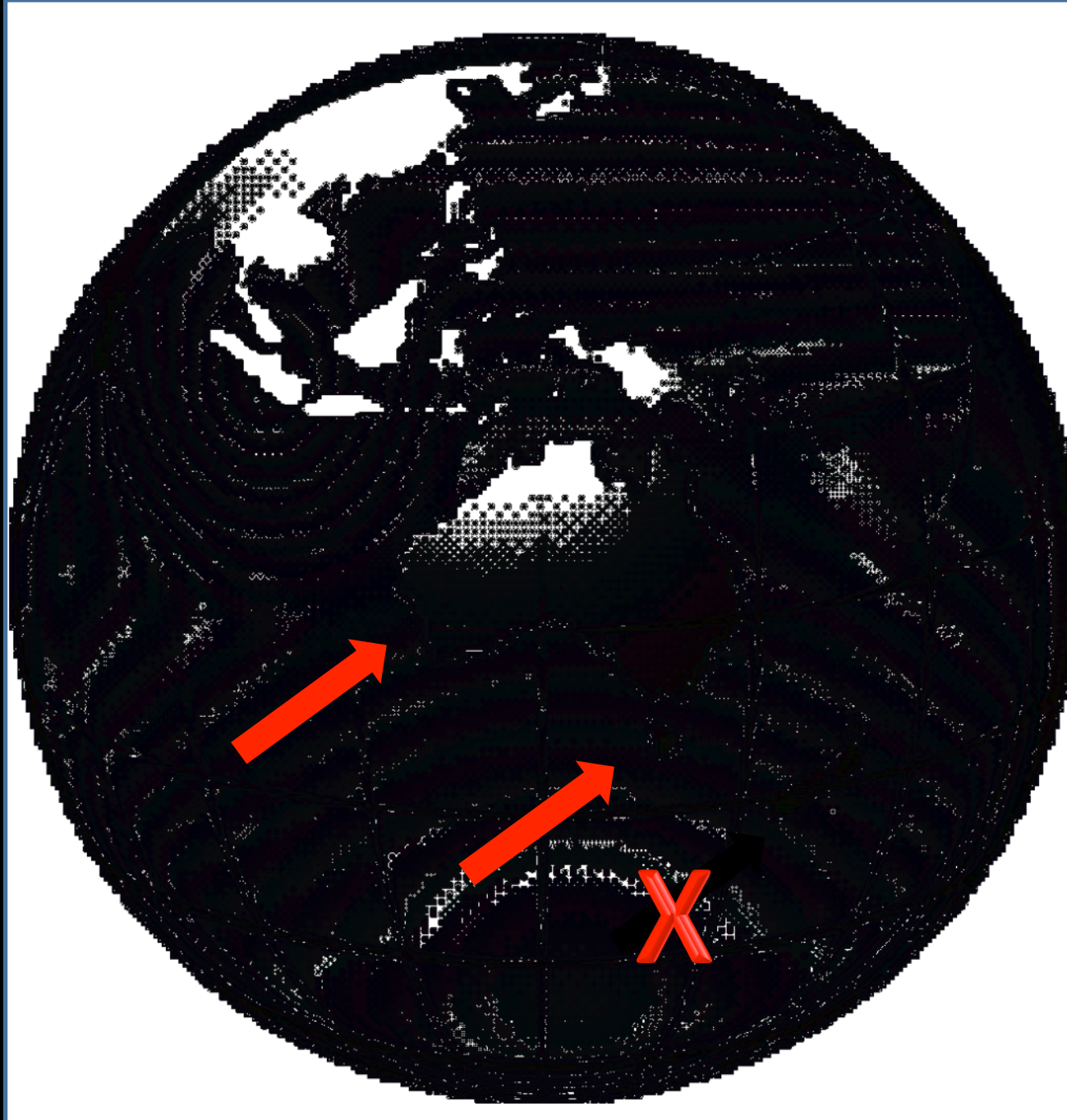


APIPv6TF Meeting

AU Economy Update

27/02/2013 in conjunction with
APRICOT2013/APNIC35 in Singapore

Mike Biber – President
IPv6 Forum Australia



IPv6 in AU – The Stats (@13/2/2013)

Since 1999 there have been 564 Australian IPv6 prefixes allocated. Of those:

- 9 have been returned to APNIC
- 201 are implemented, can be seen on IPv6 looking glasses
- 354 are allocated but not implemented, ie 63% (354) of all allocated Australian IPv6 prefixes have not been implemented (publicly). Of those organisations:
 - 215 are network/hosting/colo/cloud providers
 - 55 are Federal Govt departments
 - 40 are a mixed bag of businesses
 - 17 are financial businesses
 - 13 are education - Catholic and few universities
 - 9 are State Government
 - 5 are org.au

AU - IPv6 deployment status

- The Australian Government Information Management Office initiative to bring IPv6 to all federal Australian government departments:
 - All Departments reporting on their IPv6 readiness
 - 40% deployed in production networks/gateways
 - 16 complete (end 2012)
 - Remaining 32/110 >50%



Australian Government

Department of Finance and Deregulation

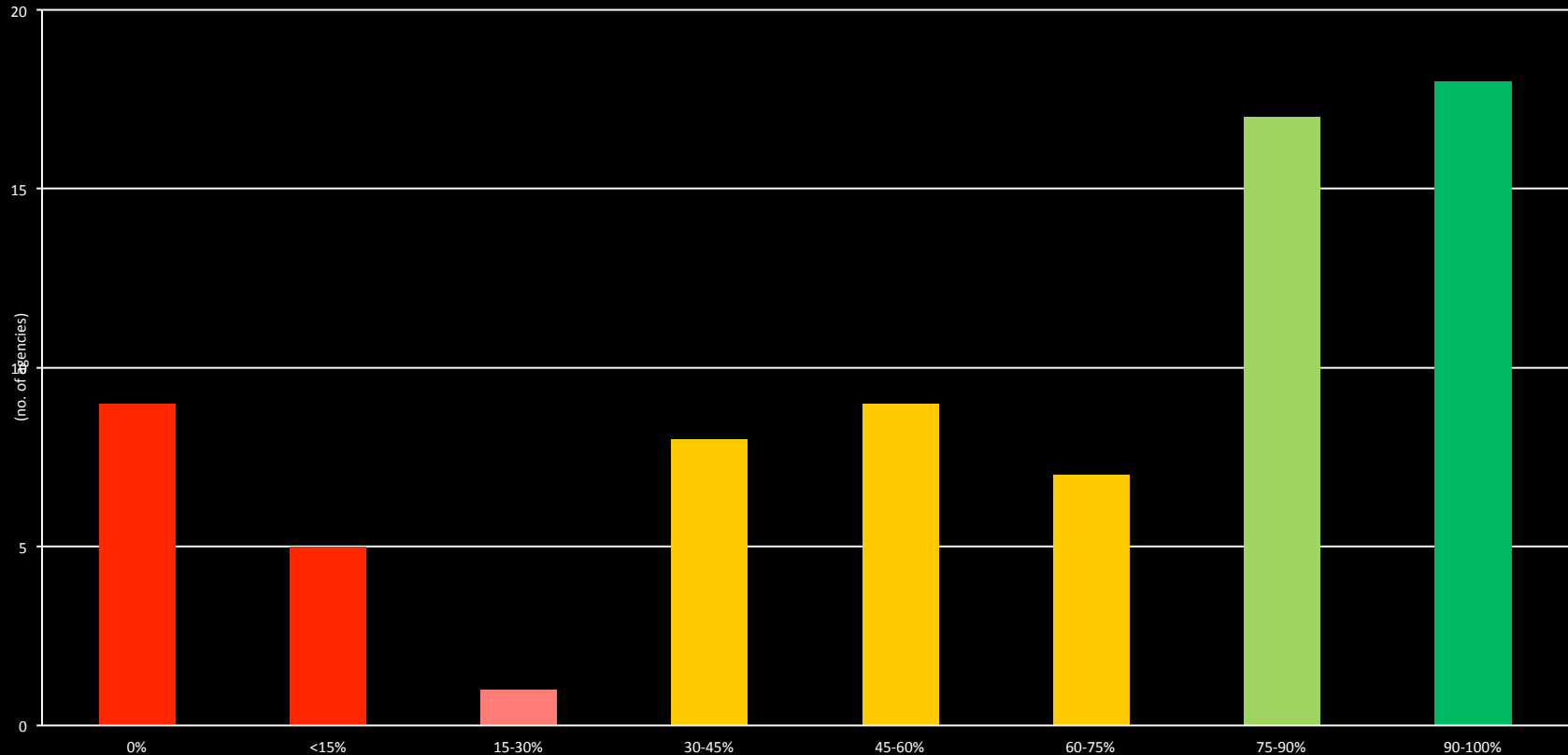
Australian Government Information Management Office



Asia Pacific IPv6 Task Force

Results of Stage 3: Implementation Due End 2012

Upgrade of ICT Gateways (Client agencies)



- AGIMO presentation to Australian IPv6 Summit 17-18 October 2012, Used with permission

AU -Developing Activities

- National Broadband Network (NBN)
 - IPv6 Multicast (May 2013)
 - Residential gateway projects – Home User IPv6
 - National Election September 14, 2013 impact
 - Communications Alliance embarking on examination of competing technologies and policies – becoming controversial!



AU -Developing Activities

- **Australian Internet [IPv6] Summit 2013**

Joint activity of ISOC-AU and Ai Group

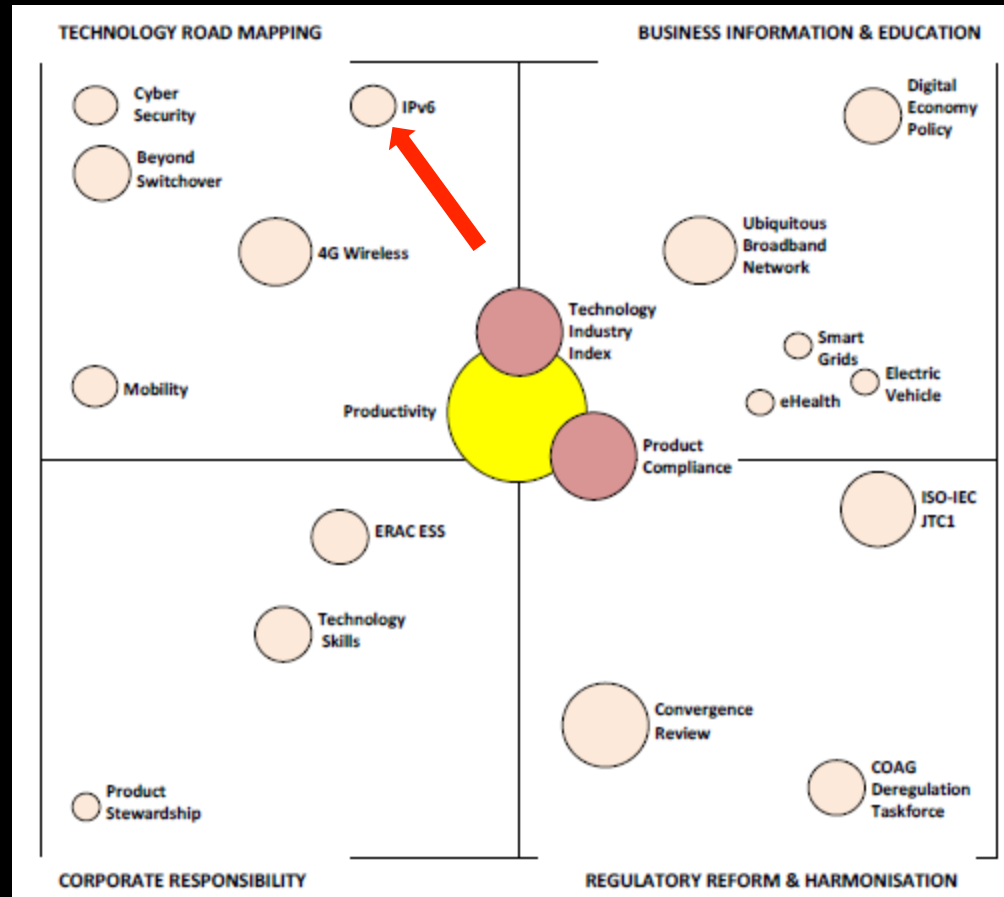
Supported by IPv6 Forum

Broaden themes beyond IPv6 to

include other topics including Green IT,
Security, Cloud, Big Data, Mobility,
Social Media, IoT, Sensors, ITS ...



IPv6 Enterprise Governance Issue!



Australian Industry Group (www.aigroup.asn.au)

IPv6 & AU?

- Computerworld CIO, 14 August, 2009. "Australia is one of the countries leading the way in IPv6 adoption, according to an Organisation for Economic Cooperation and Development (OECD) report which calls for more network operators to follow its lead as IPv4 is running out..."
- Our challenge:
 - AU is at risk of falling behind and this needs refocussed attention by governments, industry and the wider community

Thank you!

Mike Biber

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