

SKILLS
Tasmania

Leveraging our Investment

**Towards the Vocational Education
Broadband Network**

Skills Tasmania



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it's all about education

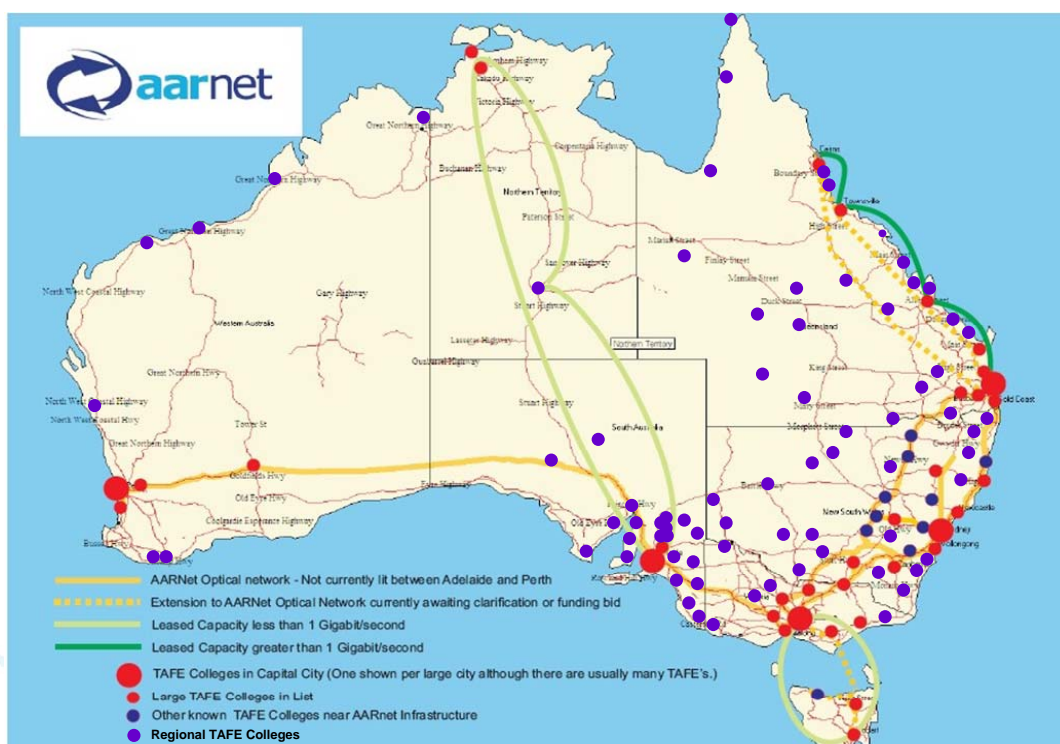
and people

VET Sector Quick Facts

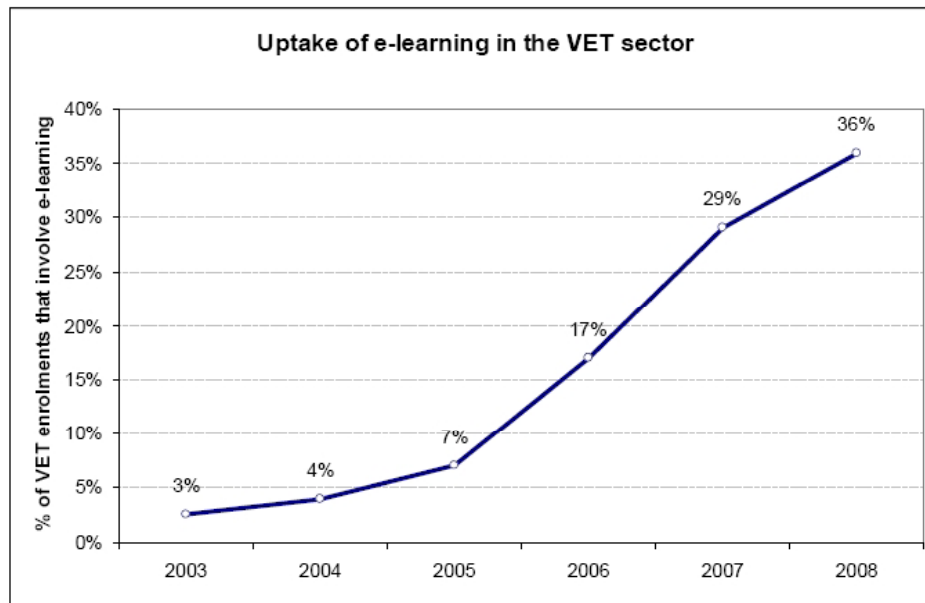
- 1.67 million students enrolled in the public VET system in 2007
- 405 500 apprentices and trainees were enrolled at 31 Dec 2007
- \$5,490,600 million was spent in 2006 in the public VET system
- 4400 registered training organisations including 3,100 private training providers in 2007

Source: National Council for Vocational Education Research

TAFE Locations

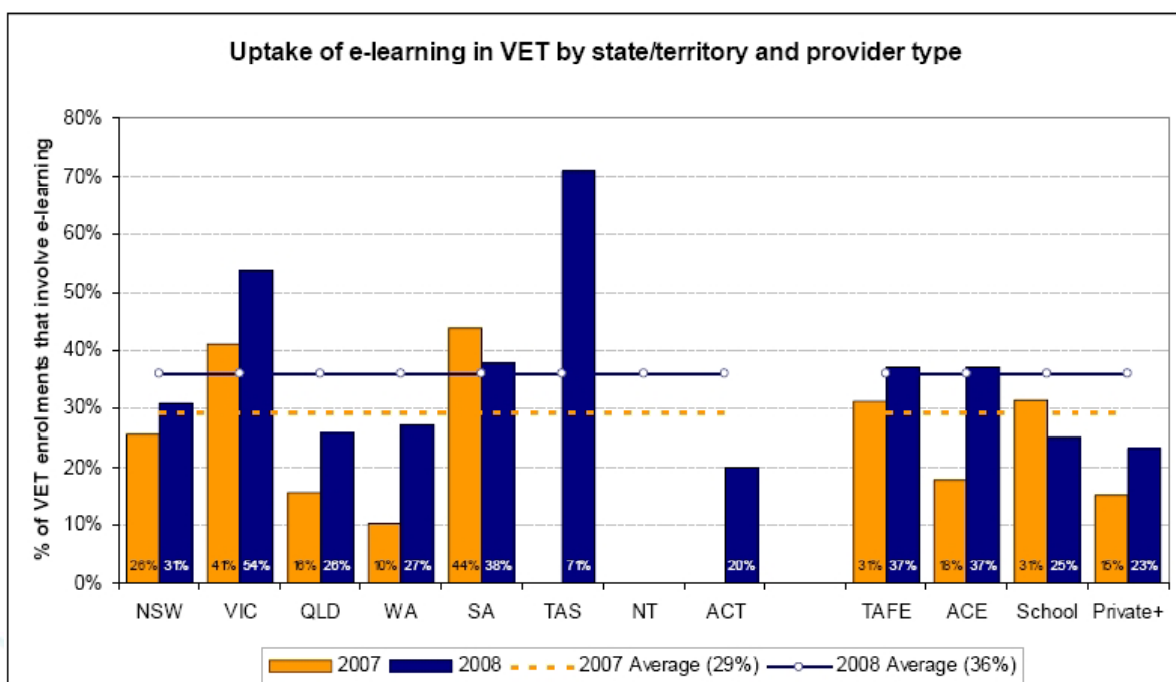


ICT Adoption in the VET Sector



Source: 2008 E-learning Benchmarking Survey

ICT Adoption in the VET Sector



Source: 2008 E-learning Benchmarking Survey

ICT Adoption in the VET Sector

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Australian Flexible Learning Framework
supporting e-learning opportunities



Australian Government

Department of Education, Employment and Workplace Relations

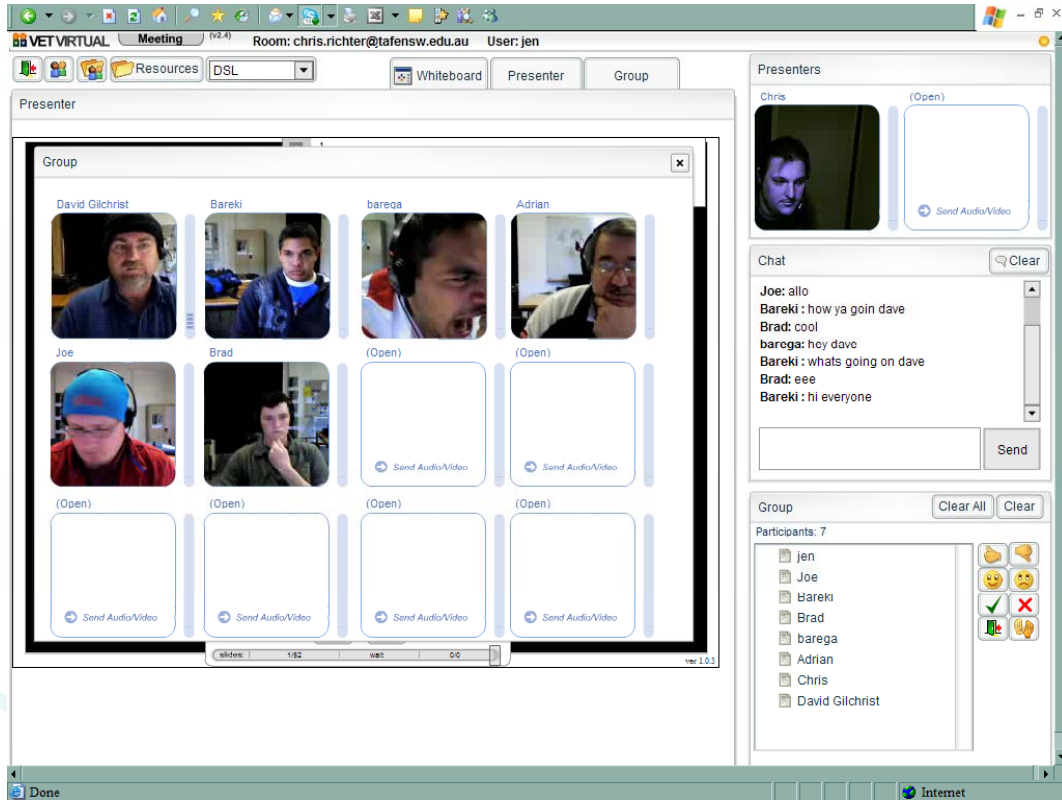
ICT Adoption in the VET Sector

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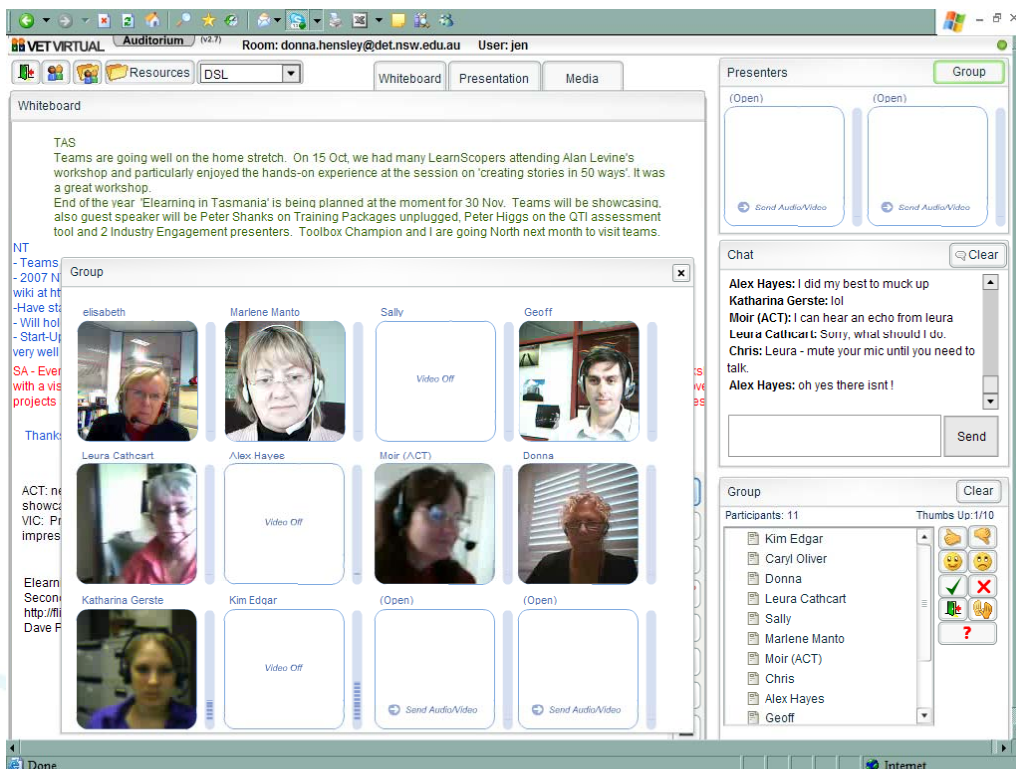
The screenshot shows the website's header with the title "Australian Flexible Learning Framework" and the tagline "supporting e-learning opportunities". It includes a search bar with a "Search" button and a "Search site content" link. Below the header is a navigation menu with buttons for "Getting started in e-learning", "People", "Resources centre", "News and events", "Groups and projects", and "Login". A central banner features a photo of three people and the text "Set up your own profile". The main content area is divided into several sections: "Quick Links" with a list of resources, "Discover e-learning!" with a description of the framework, "Welcome to your new e-learning hub" with a "WHAT'S NEW?" icon and a description of the flexiblelearning.net.au hub, and "Sitewide free tags" with a "SUBSCRIBE TODAY!" button and a list of tags including "2009 e-learning funding", "e-Gems e-learning e-portfolios education event", and "international online research".

flexiblelearning.net.au

The Access to Bandwidth Project



VETVirtual



Challenges



Political

Technical

Financial

Image: 'verde amarelo'
www.flickr.com/photos/51035823282@N01/411821495

Proof of Concept Network Project

“Is an end-to-end optic fibre network for the public sector VET providers feasible?”

DEEWR

AARNet

Australian Capital Territory

Canberra Institute of Technology

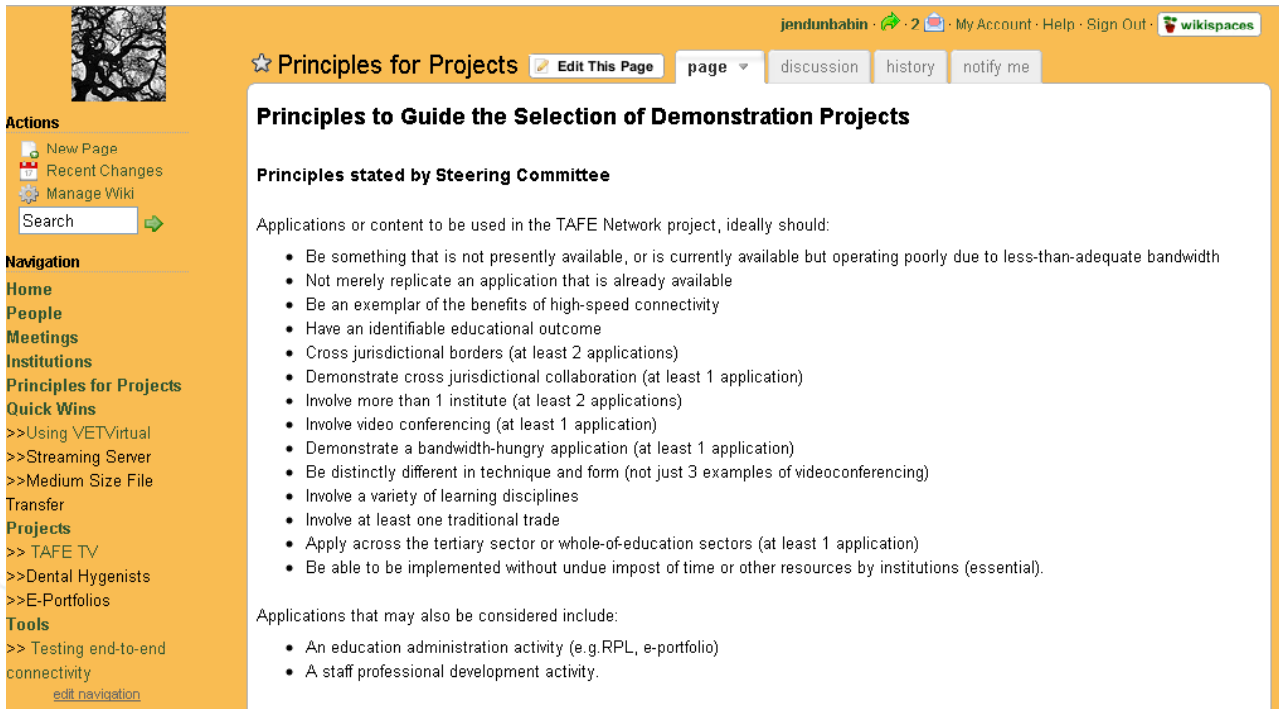
South Australia

Panorama, Urrbrae, Regency, Gilles Plains, Salisbury, Elizabeth, Gawler, Roseworthy, Tea Tree Gully (connected to SABRENet)

Victoria

Swinburne Institute of Technology, Victoria University, RMIT, University of Ballarat

Kangan Batman, Wodonga, Gordon, William Angliss, and Holmesglen

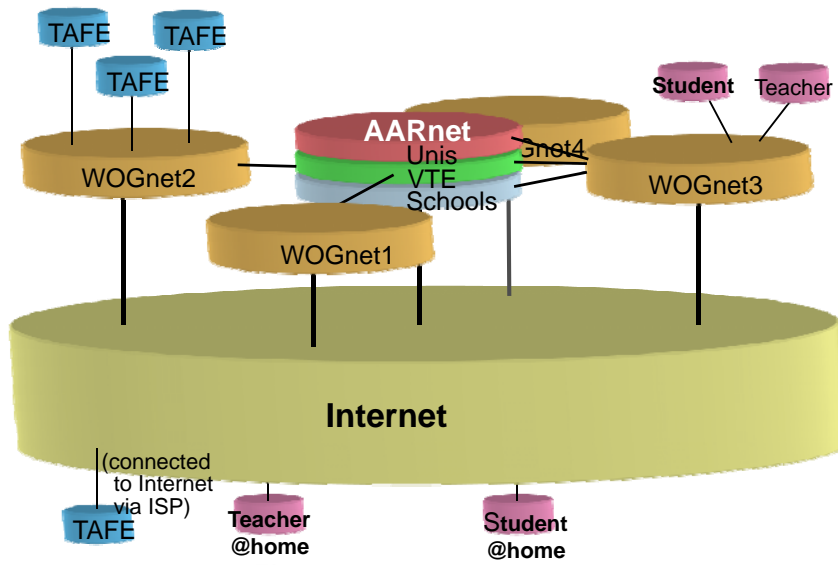


The screenshot shows a Wikispaces page with the following elements:

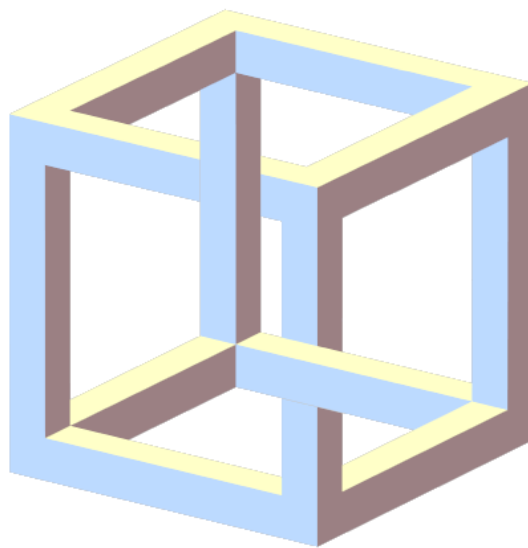
- Header:** Username 'jendunhabin', navigation links for 'My Account', 'Help', and 'Sign Out', and a 'wikispaces' logo.
- Page Title:** 'Principles for Projects' with an edit link and buttons for 'page', 'discussion', 'history', and 'notify me'.
- Left Sidebar:**
 - Actions:** 'New Page', 'Recent Changes', 'Manage Wiki', and a search box.
 - Navigation:** 'Home', 'People', 'Meetings', 'Institutions', 'Principles for Projects', 'Quick Wins', 'Transfer', 'Projects', and 'Tools'.
- Main Content:**
 - Section Header:** 'Principles to Guide the Selection of Demonstration Projects'
 - Section Header:** 'Principles stated by Steering Committee'
 - Text:** 'Applications or content to be used in the TAFE Network project, ideally should:'
 - List-Group:** A bulleted list of 13 criteria for demonstration projects, including requirements for bandwidth, replicability, educational outcomes, cross-jurisdictional collaboration, and involvement of multiple institutions and disciplines.
 - Text:** 'Applications that may also be considered include:'
 - List-Group:** A bulleted list of two additional application types: an education administration activity and a staff professional development activity.



Now

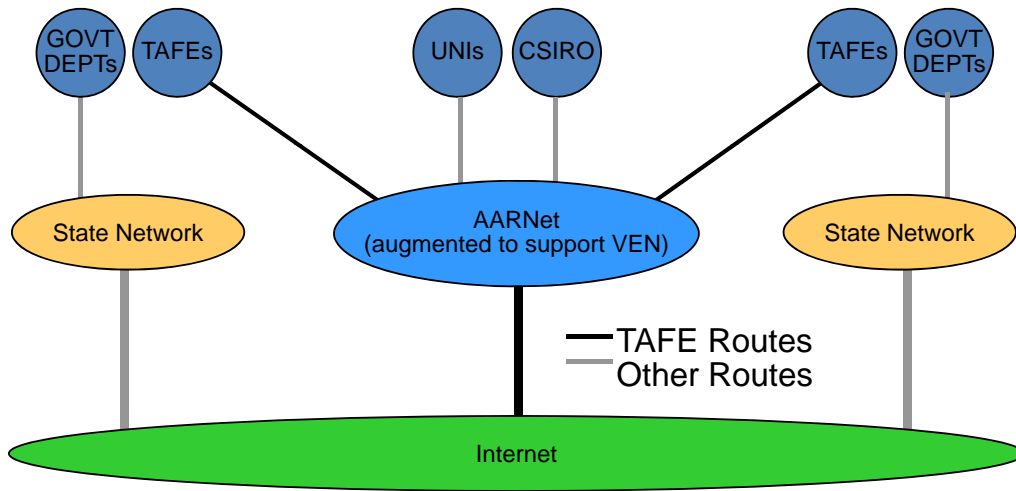


Vocational Education Broadband Network



VEN

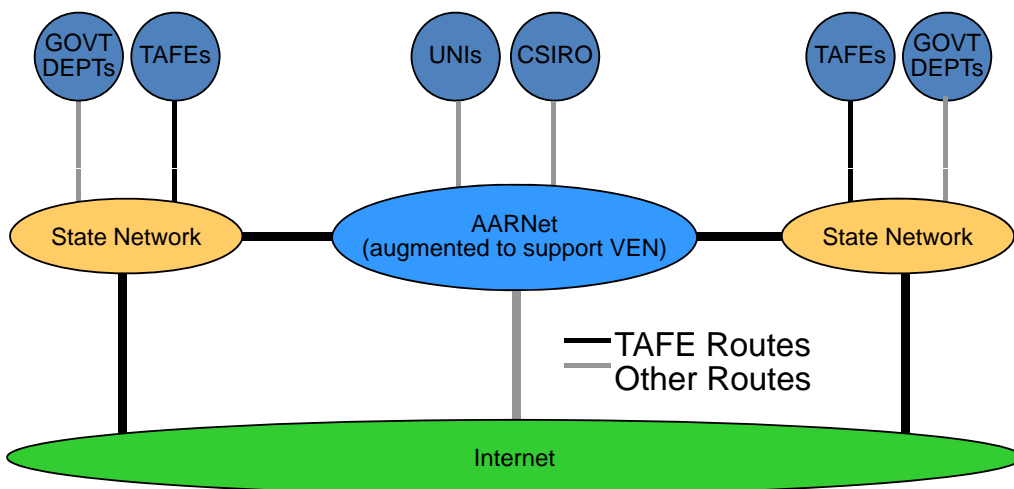
A Possible VEN



Original Proposal

TAFEs connect to VEN which handles both on-net and commodity Internet traffic

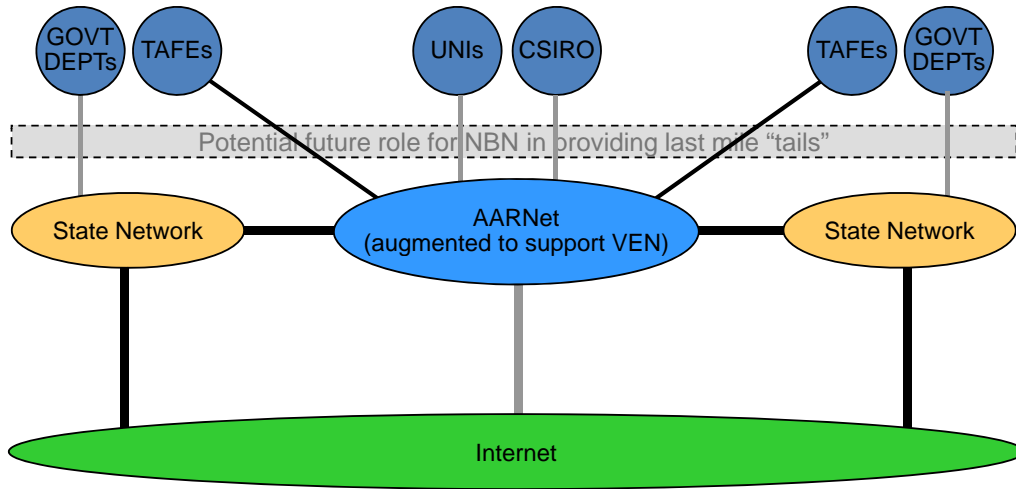
A Possible VEN



Network of Networks

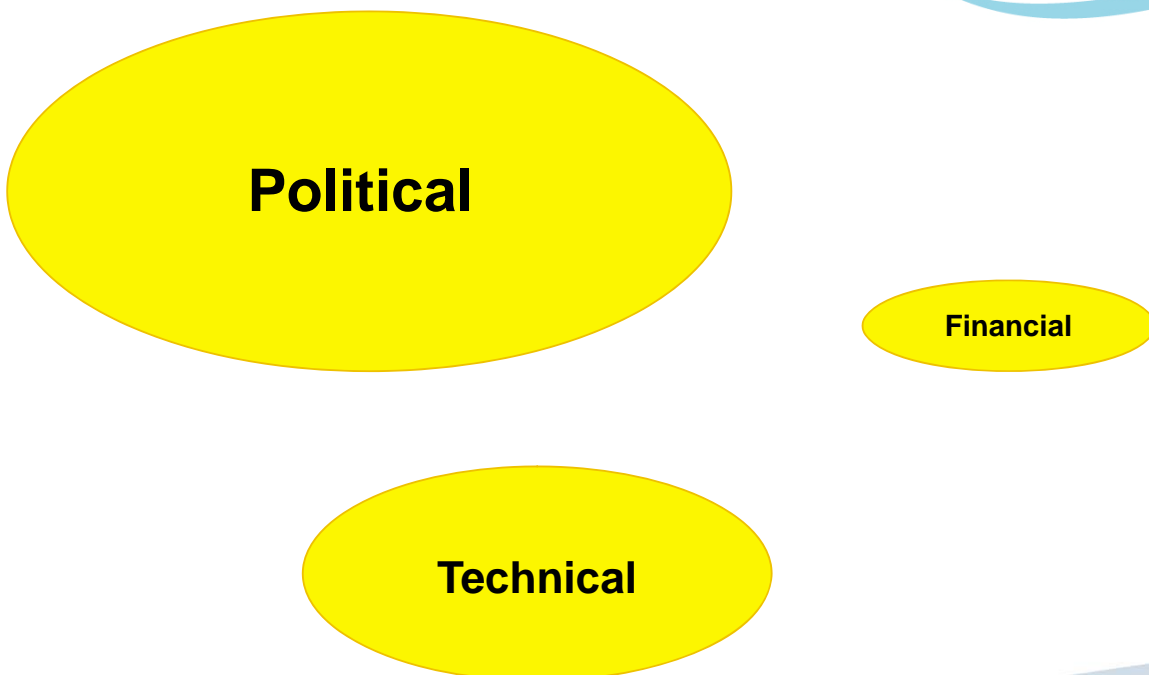
On-net traffic routed to VEN, but commodity traffic routed to Internet by relevant State Network

A Possible VEN



Hybrid Model

Challenges



The Future of the VEN



Image: ["Horizon"](#)

www.flickr.com/photos/61168414@N00/1125471764

<http://vm-bne-a-vv1.ms.aarnet.edu.au/vvirtual/hdVideoPlayer/default.html#>