International Open Government Data Conference

A World of Data—International Examples of Sharing Open Government Data

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Jeanne Holm, *Evangelist, Data.gov (Moderator)*

STATE SERVICES COMMISSION
Te Komihana O Ngā Tari Kāwanatanga

Open government data in New Zealand

International Open Government Data Conference, Washington DC
15-17 November 2010

Keitha Booth
New Zealand Open Government Data and Information Programme Leader

What I will cover

- 2010 NZ government ICT strategy
- Open and transparent government – a key focus
- First steps – policy and operational
- Open data success stories
- Next steps

Directions and Priorities for Government ICT

Direction 1 - Provide clear leadership and direction

Priorities
1.1 Enhance governance arrangements led by Chief Executives with stronger leadership of system level ICT investment and performance.
1.2 Align agency ICT management with the ICT Directions and Priorities.
1.3 Develop funding models that incentivise collaboration across government.

Direction 2 - Support open and transparent government

Priorities
2.1 Improve public access to government data and information.
2.2 Support the public, communities and business to contribute to policy development and performance improvement.
2.3 Create market opportunities and services through the re-use of government data and information.

Direction 3 - Improve integrated service delivery

Priorities
3.1 Prioritise investment in shared solutions for integrated, multi-channel, service delivery across government.
3.2 Improve the management and content of government's web presence.

Direction 4 - Strengthen cross-government business capability

Priorities
4.1 Rationalise investment, procurement and delivery of ICT infrastructure and software.
4.2 Reduce duplication by standardising and consolidating common business processes across government.
4.3 Establish authoritative data sources to improve efficiency of business processes.
4.4 Align training and recruitment of the State Services workforce with the ICT Directions and Priorities.

Direction 5 - Improve operational ICT management

Priorities
5.1 Improve the effectiveness of legacy system asset management.
5.2 Improve ICT cost structures by leveraging operational scale across government.
5.3 Engage with the ICT industry to improve innovation and reduce costs.

Direction 2

Support open and transparent government in NZ

- Improve public access to government data and information
- Support the public, communities and business to contribute to policy development and performance improvement
- Create market opportunities and services through the reuse of government data and information

Benefits

- Stimulate cultural, environmental, social and economic growth
- Allow greater transparency of government's performance
- Promote private sector innovation
- Allow greater external participation in government policy development
- Enable communities to build on existing data to gain knowledge and expertise and use it for new purposes

Early open data projects

Policy work

- Understand agency mandates and capability
- Identify barriers to opening up non-personal structured and unstructured data
- Release updated NZ government feed standard
- Develop a common licensing framework
- Identify priority datasets to be made open

Operational work

- Pilot data.govt.nz to expose data already released
- Engagement pilot – making supporting data available during policy consultation

Why develop a common licensing framework?

- Confusion around Crown copyright and licensing
- Outdated policy settings
- Agencies interested in Creative Commons licences
- Public and private initiatives opening up government data
- International developments in public sector information re-use
- NZ’s economic climate

NZGOAL

NZ Government Open Access and Licensing framework (NZGOAL)

- Guidance for State Services agencies
- covers both copyright and non-copyright material that is:
  - produced by or for these agencies and is appropriate for release to the public or sections of the public; and
  - which the agencies are entitled to release for re-use.

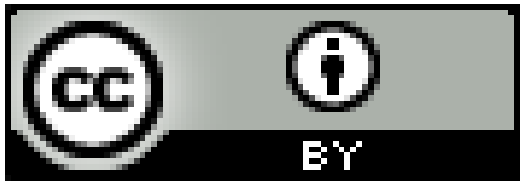
NZGOAL - scope

NZ Government Open Access and Licensing framework (NZGOAL)

- Policy principles
- Review and Release process
- Licences and tools
  - 6 Creative Commons licences
  - Restrictive licensing drafting issues
  - No known rights statement

NZGOAL – licensing

Creative Commons Attribution BY licence is the default licence preference for copyright (Crown or ‘regular’ works)



NZGOAL - open access

Use clear

“no-known rights” statements for non-copyright materials

Search this site:
Search

Get e-government u
What is a feed?

New Zealand Government Open Access and Licensing (NZGOAL) framework

The New Zealand Government Open Access and Licensing framework (NZGOAL) was approved by Cabinet on 5 July 2010 as government guidance for State Services agencies to follow when releasing copyright works and non-copyright material for re-use by third parties. It standardises the licensing of government copyright works for re-use using Creative Commons licences and recommends the use of 'no-known rights' statements for non-copyright material. It is widely recognised that re-use of this material by individuals and organisations may have significant creative and economic benefit for New Zealand.

NZGOAL does not apply to information or works containing personal or other sensitive information, except for its guidance on anonymising datasets which, once stripped of personal information, might be licensed or released.

State Services agencies should make their copyright works which are or may be of interest or use to people available online for re-use on the most open of licensing terms within NZGOAL – the Creative Commons Attribution (BY) licence – unless a restriction applies. Likewise they should provide public online access to non-copyright material that is or may be of interest to people, using a 'no-known rights' statement.

NZGOAL provides a series of open licensing and open access principles for copyright works and non-copyright material. These principles address, among other things, issues relating to open licensing, open access, creativity, authenticity, non-discrimination, open format and charging. It also guides agencies through the questions they need to consider before releasing material for re-use.

The release of NZGOAL was announced by the Minister of State Services on 6 August 2010.

NZGOAL (in multiple formats), the Cabinet Minute (CAB Min (10) 24/5A), the Cabinet Paper, the letter from the State Services Commissioner to Public Service department Chief Executives alerting them to the release of NZGOAL, and a series of Questions and Answers have all been released.

You can access NZGOAL in PDF and Word formats or go to the HTML version. Please note that the PDF format is the authoritative version.

NZGOAL - next steps

NZ Government Open Access and Licensing framework (NZGOAL)

- NZGOAL training
- Brief summary /overview for agencies
- Guidance for users
- Online tools
- Review of the Creative Commons Public Domain Mark

Data release to support policy development

Engagement Pilot

- Tests the hypothesis that publicly available data would be a useful ingredient in government policy consultations
- National Environmental Standard (NES) for Plantation Forestry

Data.govt.nz

Data.govt.nz

- Launched November 2008
- Pilot directory exposing existing datasets
- 401 pages list datasets from 58 agencies
- New automated feed functionality
- Developing dataset demand functionality
- To be evaluated July 2011

data.govt.nz

Kāwanatanga o Aotearoa
New Zealand Government

Data

Search New Zealand Government data

SEARCH »

Government datasets online

data.govt.nz is a directory of publicly-available, non-personal New Zealand government datasets. This site does not host data, instead it links to datasets held on other government websites. For more info, see About this site.

Take the data.govt.nz user survey.

Official Statistics are produced by government departments to provide information for government and government departments, local government, businesses and the general public. Find official statistics on Statistics New Zealand's site, Statisphere, data.govt.nz and on government departments' websites. More about official statistics.

Check out The Great NZ Remix and Mashup Competition where you get to show the world what you can make with New Zealand digital content and data.

Search, **browse**, or **add a dataset record.**

Recently added datasets

- **New Zealand Region Bathymetry** NIWA
- **Statement of Financial Performance - Financial Statements of the Government of New Zealand for the Year Ended 30 June 2010** The Treasury
- **Analysis of Expenses by Functional Classification - Financial Statements of the Government of New Zealand for the Year Ended 30 June 2010** The Treasury
- **Statement of Cash Flows - Financial Statements of the Government of New Zealand for the Year Ended 30 June 2010** The Treasury
- **Statement of Financial Position - Financial Statements of the Government**

- Agriculture, forestry and fisheries
- Arts, culture and heritage
- Building, construction and housing
- Commerce, trade and industry
- Education
- Employment
- Energy
- Environment and conservation
- Fiscal, tax and economics
- Health
- Infrastructure
- Justice
- Land
- Local and regional government
- Māori and Pasifika
- Migration
- Population and society
- Science and research
- State sector performance
- Tourism
- Transport

Join the open data discussion

Tell us about:

- **your priorities:** which unreleased government datasets you'd most like to see made available
- **this site:** suggest a feature or enhancement

Have your say Follow us on twitter

Other open data sources

- **Statisphere**
- **DigitalNZ**

Copyright

Copyright material on the data.govt.nz website is owned by the Department of Internal Affairs and its licensors and is licensed under a Creative Attribution 3.0 New Zealand licence. Note that this licence does not apply to the datasets themselves. For more information on what is and is not licence, see clauses 2-6 of data.govt.nz's Terms of use.

Data.govt.nz - next steps

Data.govt.nz

- Evangelise with agencies
- Increase number and range of datasets
- Increase usage
- Foster government data re-use
- Showcase data re-use initiatives

OCEAN SURVEY 20/20 PORTAL

This data portal offers direct access to information gathered by Ocean Survey 20/20 Survey Projects. The information available via this portal will aid any agency, group or individual with an interest in developing and managing the marine resources, and assessing environmental effects.

This web portal features

- a web-mapping application that can be queried for furth
- access to seabed and specir photographs
- a metadata catalogue allowir download of data and repor

Featured project

BAY OF ISLANDS COASTAL SURVEY PROJECT

As a marine environment, the Bay of Island coast is under increasing pressure from competing interests, including aquaculture, fisheries, tourism and recreation. Land-based human activities are also having an impact.

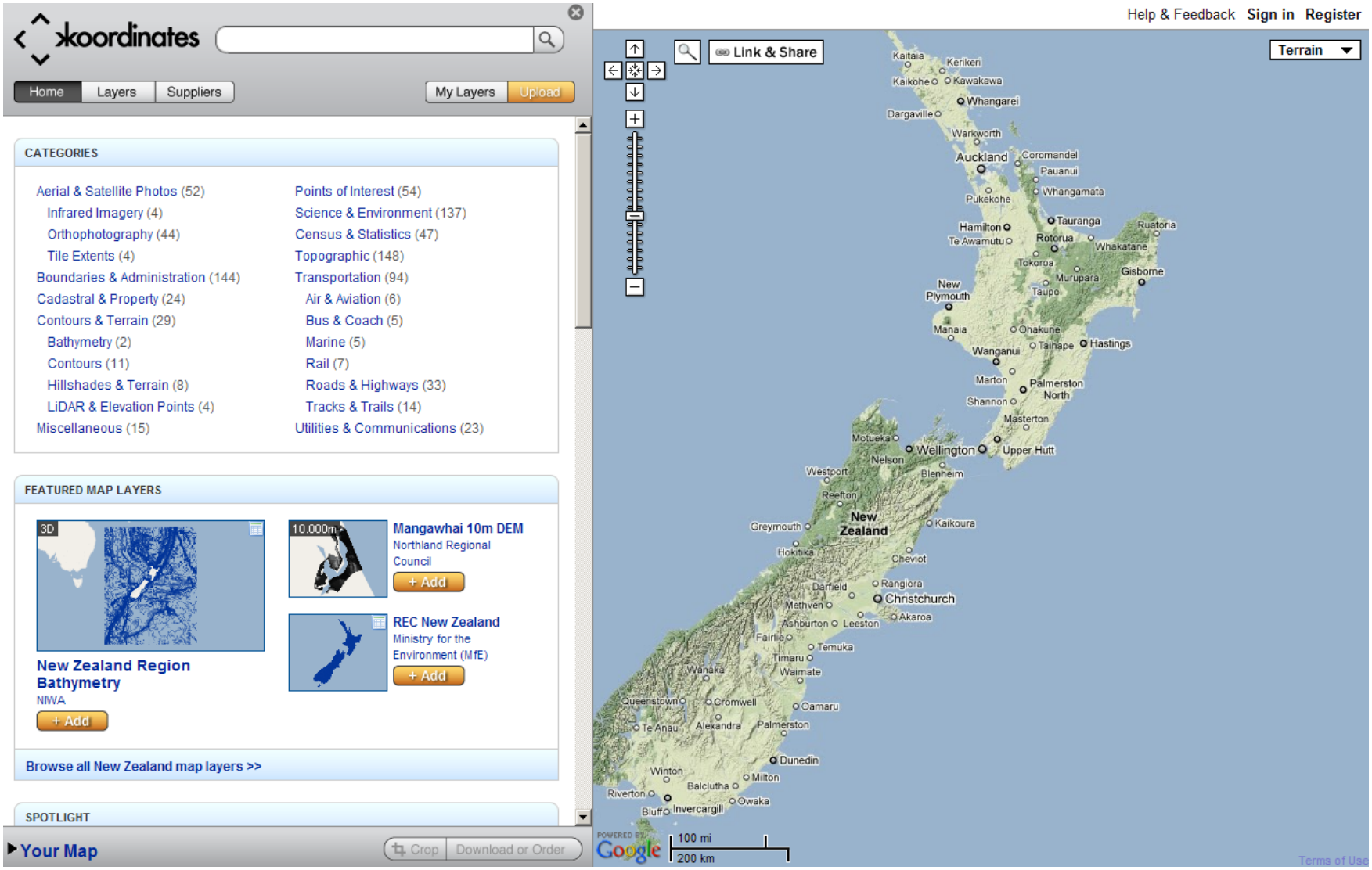
The Bay of Islands survey, carried out between 2008 and 2010 was the first OS

Project C

Project M

Contribu

Methods


koordinates
Home
Layers
Suppliers
My Layers
Upload
Help & Feedback
Sign in
Register
Link & Share
Terrain
CATEGORIES
Aerial & Satellite Photos (52)
Infrared Imagery (4)
Orthophotography (44)
Tile Extents (4)
Boundaries & Administration (144)
Cadastral & Property (24)
Contours & Terrain (29)
Bathymetry (2)
Contours (11)
Hillshades & Terrain (8)
LiDAR & Elevation Points (4)
Miscellaneous (15)
Points of Interest (54)
Science & Environment (137)
Census & Statistics (47)
Topographic (148)
Transportation (94)
Air & Aviation (6)
Bus & Coach (5)
Marine (5)
Rail (7)
Roads & Highways (33)
Tracks & Trails (14)
Utilities & Communications (23)
FEATURED MAP LAYERS
3D
New Zealand Region Bathymetry
NIWA
+ Add
10.000m
Mangawhai 10m DEM
Northland Regional Council
+ Add
REC New Zealand
Ministry for the Environment (MfE)
+ Add
Browse all New Zealand map layers >>
SPOTLIGHT
Your Map
Crop
Download or Order
Kaitaia
Kerikeri
Kaikohe
Kawakawa
Whangarei
Dargaville
Warkworth
Auckland
Coromandel
Pauanui
Whangamata
Pukekohe
Tauranga
Ruatoria
Hamilton
Te Awamutu
Rotorua
Whakatane
Tokoroa
Murupara
Gisborne
Taupo
New Plymouth
Manaia
Ohakune
Taihape
Hastings
Wanganui
Marton
Palmerston North
Shannon
Masterton
Motueka
Wellington
Upper Hutt
Nelson
Blenheim
Westport
Reefton
New Zealand
Greymouth
Kaikoura
Hokitika
Cheviot
Darfield
Rangiora
Christchurch
Methven
Akaroa
Ashburton
Leeston
Fairlie
Temuka
Timaru
Waimate
Wanaka
Queenstown
Cromwell
Oamaru
Te Anau
Alexandra
Palmerston
Dunedin
Winton
Milton
Balclutha
Riverton
Owaka
Bluff
Invercargill
POWERED BY Google
100 mi
200 km
Terms of Use

zoodle it's all about property

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Perfect for:

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- Professional tour producers wanting to expand their market
- Museums and galleries wanting to publish their audio guides on the iPhone or iPod Touch
- Local art, history and literary societies and other special interest groups

Get started!

Take the tour

Easy to use tour builder

Your own custom iPhone Applica

mix & mash

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Entries close Tuesday 30 November 2010

Enter now

Key links

http://www.dia.govt.nz/Directions-and-Priorities-for-Government-ICT

http://www.e.govt.nz/policy/nzgoal

http://nesdiscussion.mfe.govt.nz/

http://www.data.govt.nz/

Next steps

Update the Policy Framework for Government Held Information

- NZ policy on open government

- Keitha.booth@ssc.govt.nz

Can people help legislators to make better laws?
Brazilian “e-democracia”

Cristiano Ferri Faria

ferri.cristiano@gmail.com

twitter: cristianofaria

Legislative Intelligence Program
House of Representatives, Brazil
www.edemocracia.gov.br

open government

Two major approaches:

a. open government data

b. built-in participatory practices

Built-in participatory practice

policymaking

policy implementation

policy evaluation

brazilian legislative e-Democracia

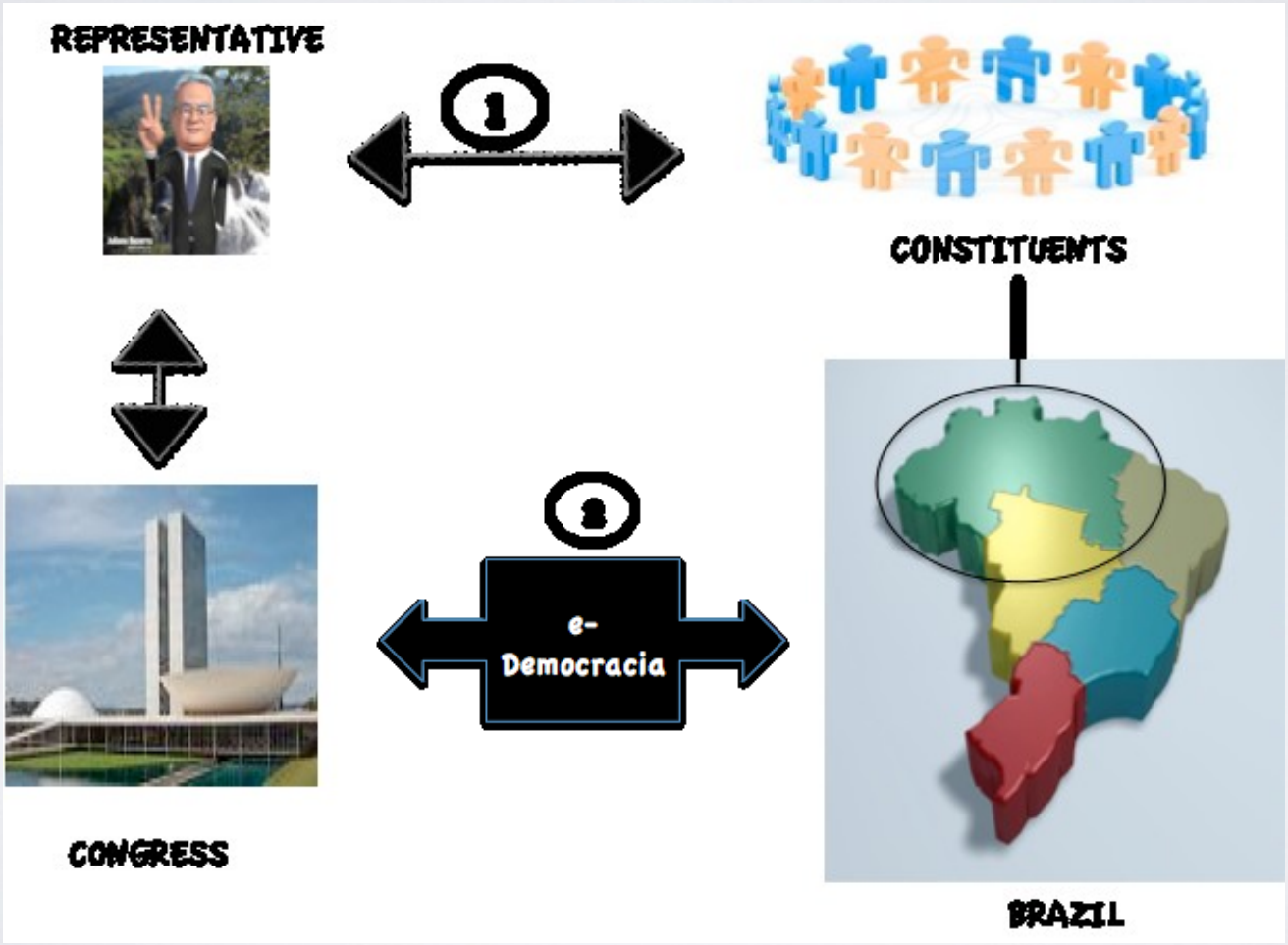
Developed by Brazilian House of Representatives

e-Lawmaking

Citizens are invited to offer opinions, ideas, arguments and information

Citizens suggest but lawmakers decide

Congress - society connection



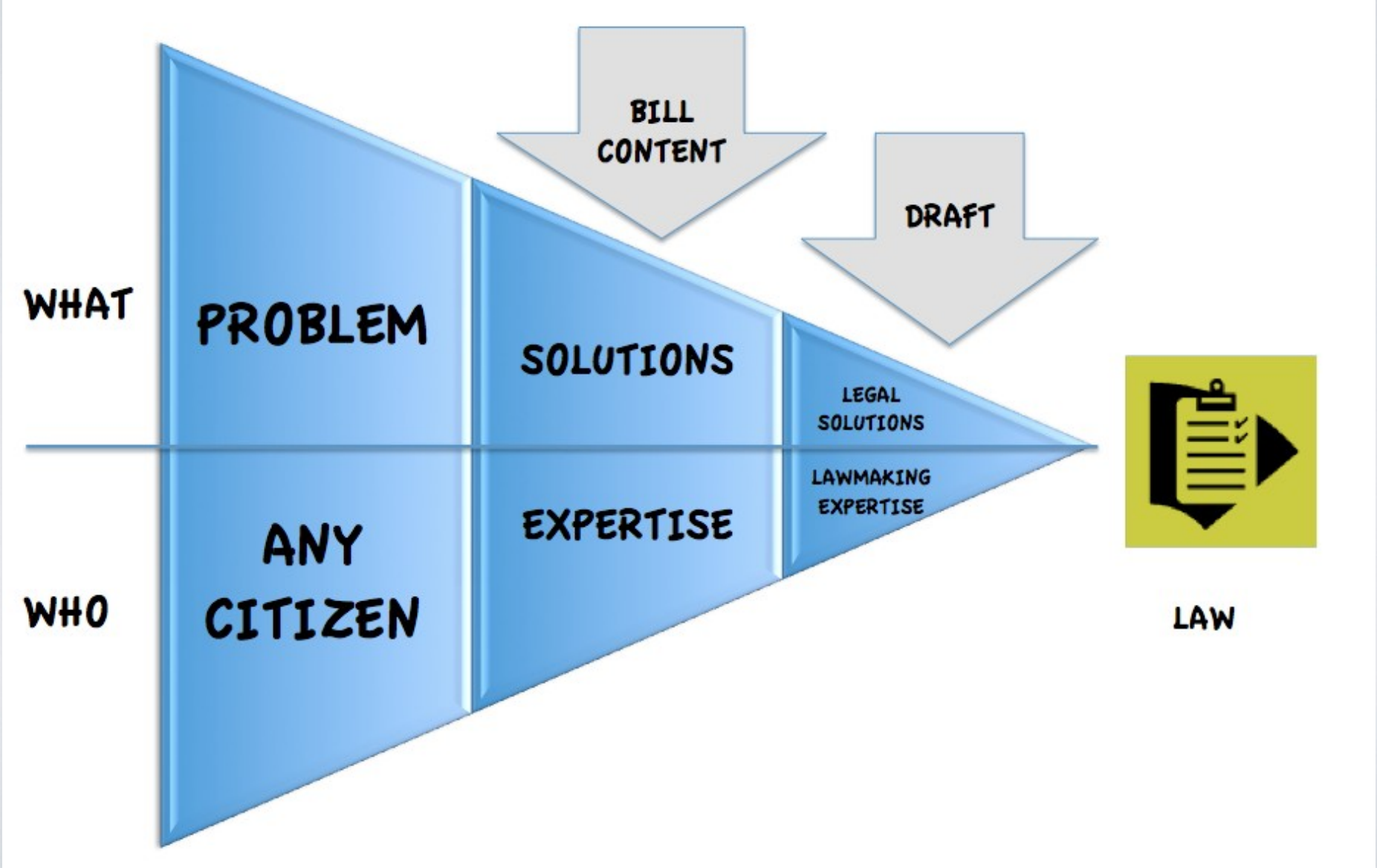
e-democracia’s goals

Greater legitimacy: more democracy

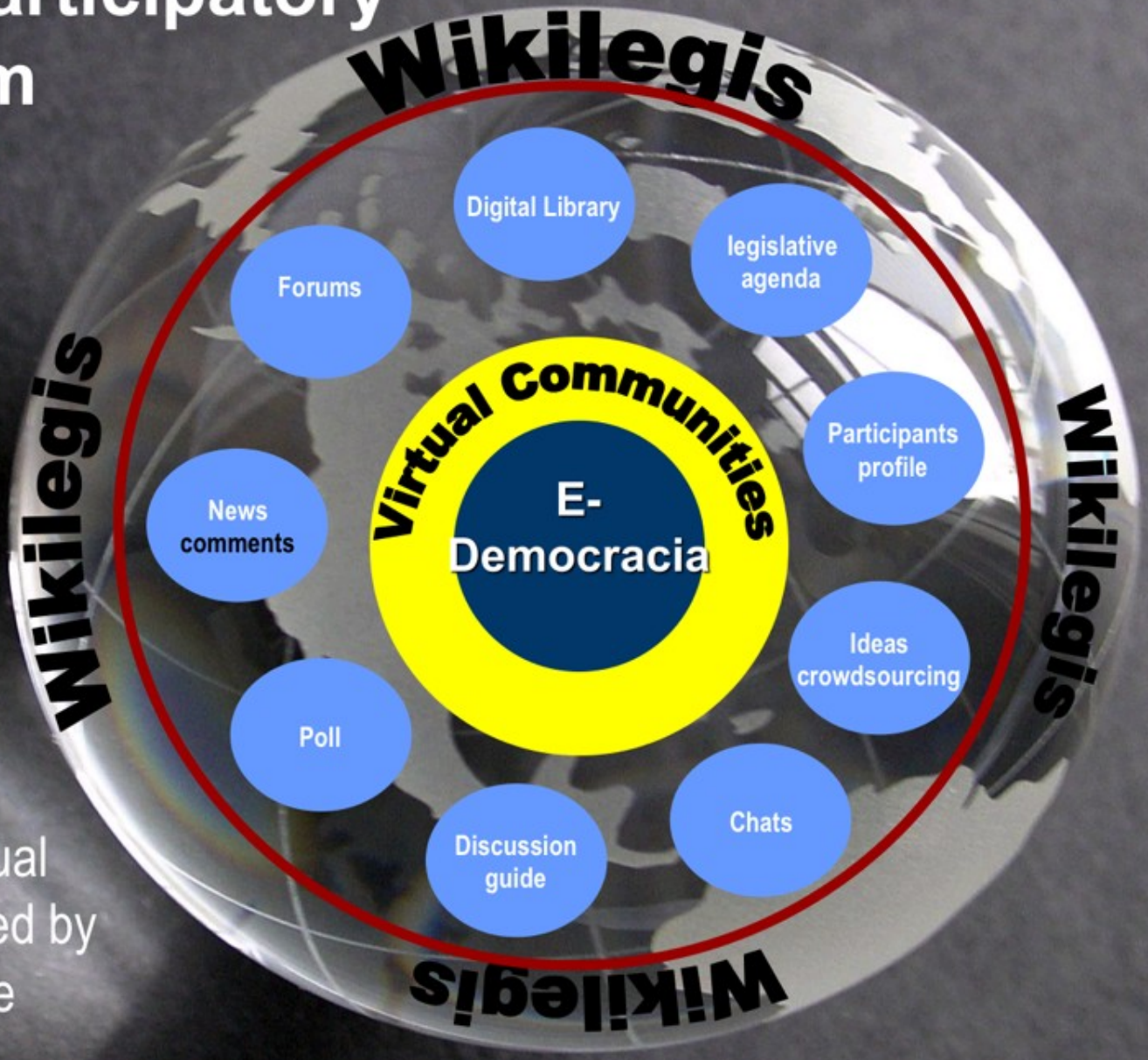
More efficiency: better laws

Legislative transparency

LAWMAKING TIMELINE



Multiple Participatory Mechanism



Collaborative virtual platform composed by several interactive tools.

CÂMARA DOS DEPUTADOS

e-democracia

Já se cadastrou?
Esqueceu sua senha?

Acessar

Inicio | Sobre o e-Democracia | Espaço Cidadão

Comunidades

Mudança do Clima

Estatuto da Juventude

Simposio da Amazônia

Política Espacial

+ Vídeos

Vídeo - Presidente Michel Temer fala sobre o projeto e-democracia

Destaques

Notícias | Eventos

+ Notícias

10 hours 9 minutes ago

Presidente Lula ressalta importância dos debates sobre as políticas públicas de juventude

Conheça o Processo Legislativo

Comissão de Legislação Participativa

most successful virtual communities

Youth Bill

Lan-Houses Bill

e-democracia
participação digital, cidadania real

Comunidade Lorem Ipsum

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Faça parte desta comunidade

Guia da Discussão

Fase encerrada	Fase atual	Fase futura
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Fórum Enquete Wiki

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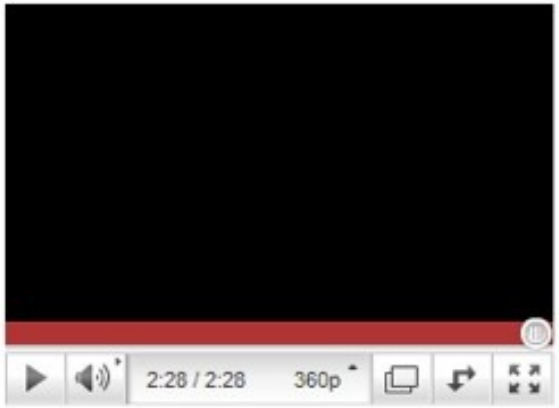
Vídeo

Lorem Ipsum dolor sit



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Destaques

YOuth virtual community's contribution

Participants wanted greater investment in internships and other professional programs for undergraduates, as well as greater flexibility in working conditions for students.

draft

“art. 19. The action of the State to make effective the rights of youngsters to professionalization, labor and income includes the following measures:

……

III – an offer of special conditions of labor by matching the professional and educational schedule;

……

VI – the application of instruments of legal accountability for relevant organizations;

VII - the creation of special credit for working students;

……

IX - the introduction of apprenticeships in public administration.”

major aspects

political

social

organizational

lawmakers:

supporters or obstacles?

Social

a. context

b. complexity of the subject

c. nature of the thematic social networking

more or less conflicting

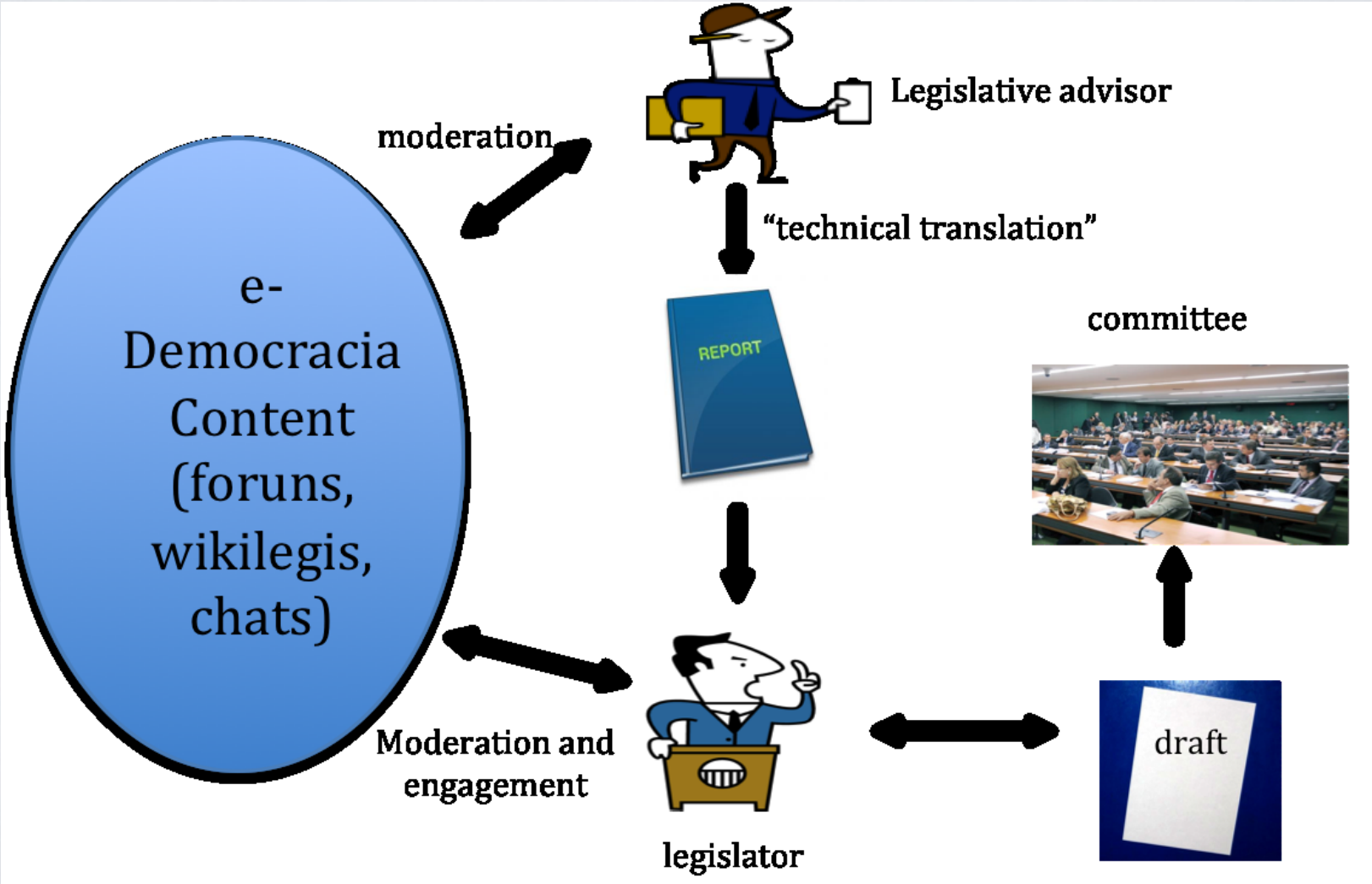
participants' profile

organizational

interface - built-in customized interface X other social media platforms

human resources - change management

e-Democracia's governance



conclusion

this kind of practice is too complex

it needs a long-term approach

Thanks

Obrigado

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twitter: cristianofaria

Legislative Intelligence Program
House of Representatives, Brazil
www.edemocracia.gov.br

A World of Data - Australia

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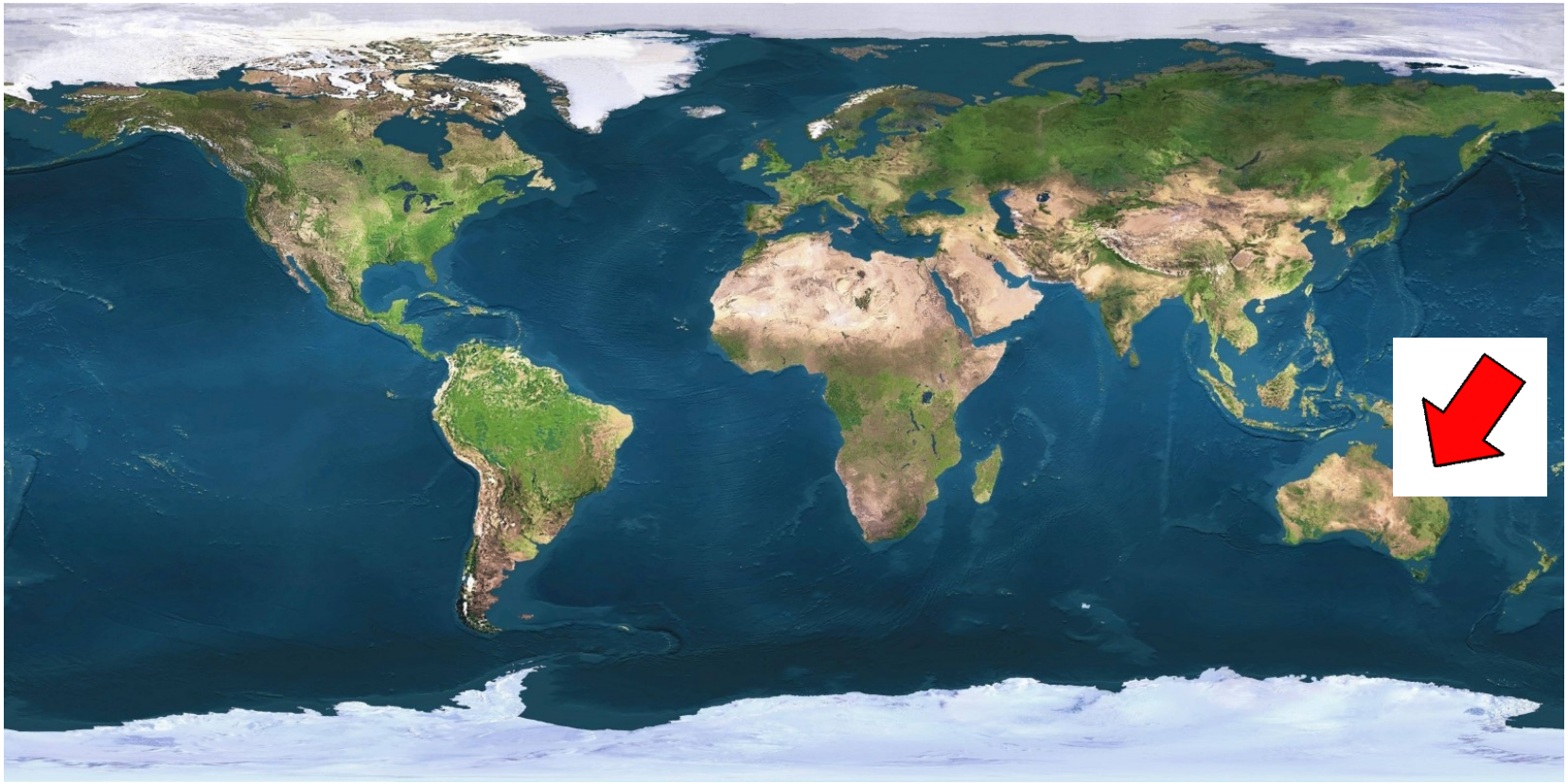
Department of Finance and Deregulation



DARWIN
CANADA
SEATTLE
COOKTOWN
CAIRNS
TOWNSVILLE
BOSTON
PT. HEDLAND
ALICE SPRINGS
NEW YORK
SALT LAKE CITY
CHICAGO
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TASMANIA
GULF OF MEXICO
HOBART
CUBA

Australian Government

Department of Finance and Deregulation

The Federal Government

Constitution

- **Legislative Power**
  - The Ministry
    - House of Representatives
    - Senate
  - Government Departments
- **Executive Power**
  - Governor-General
  - Government Departments
- **Judicial Power**
  - High Court
  - Other Federal Courts

Australian Statistics

Population:	22.5M
GDP:	$1.2T
Inflation:	2.8%
Interest Rate:	4.75%
National Debt:	20%
Unemployment:	5.2%

Examples of Australian Technology

Inventions . . .

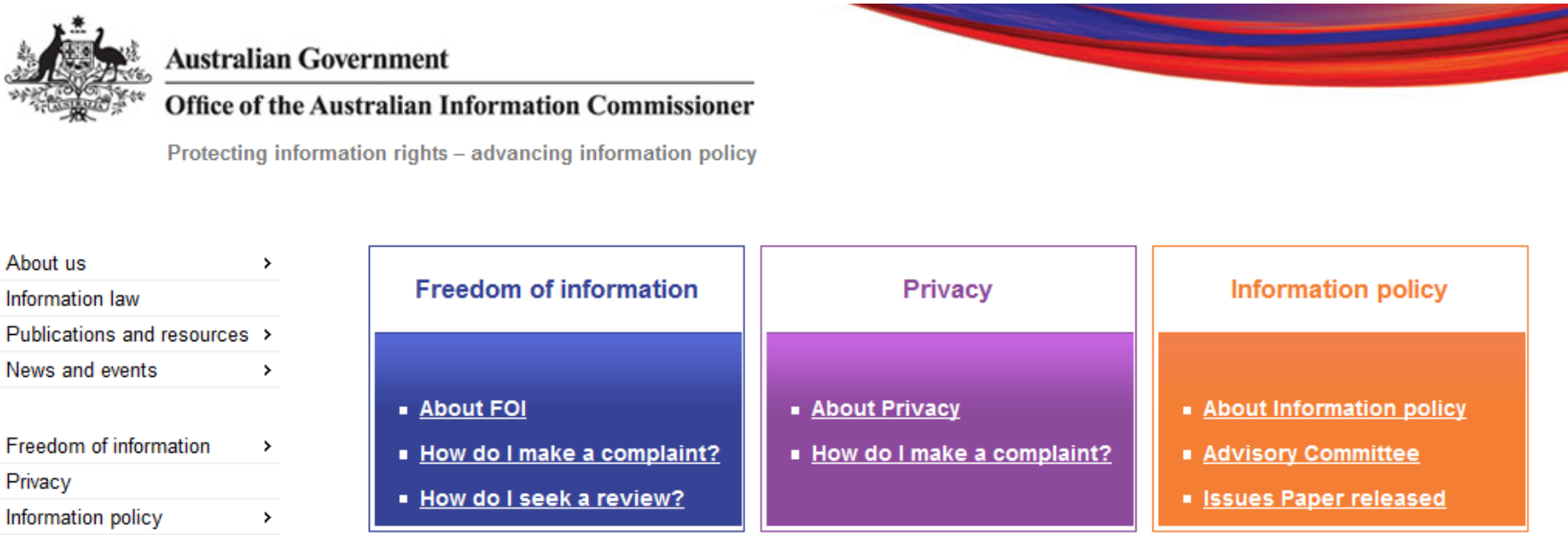
- Refrigeration
- Bionic Ear
- Aircraft Black Box
- Internet WiFi
- Mobile Verified Microkernal

Government Innovation . . .

- Expert Technology – Ruleburst
- SOA
- Role based Security
- Trim – records management
- National Broadband Network

Australian Government
Department of Finance and Deregulation

The Office of the Australian Information Commissioner



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Government 2.0 Taskforce

13 Recommendations
12 agreed

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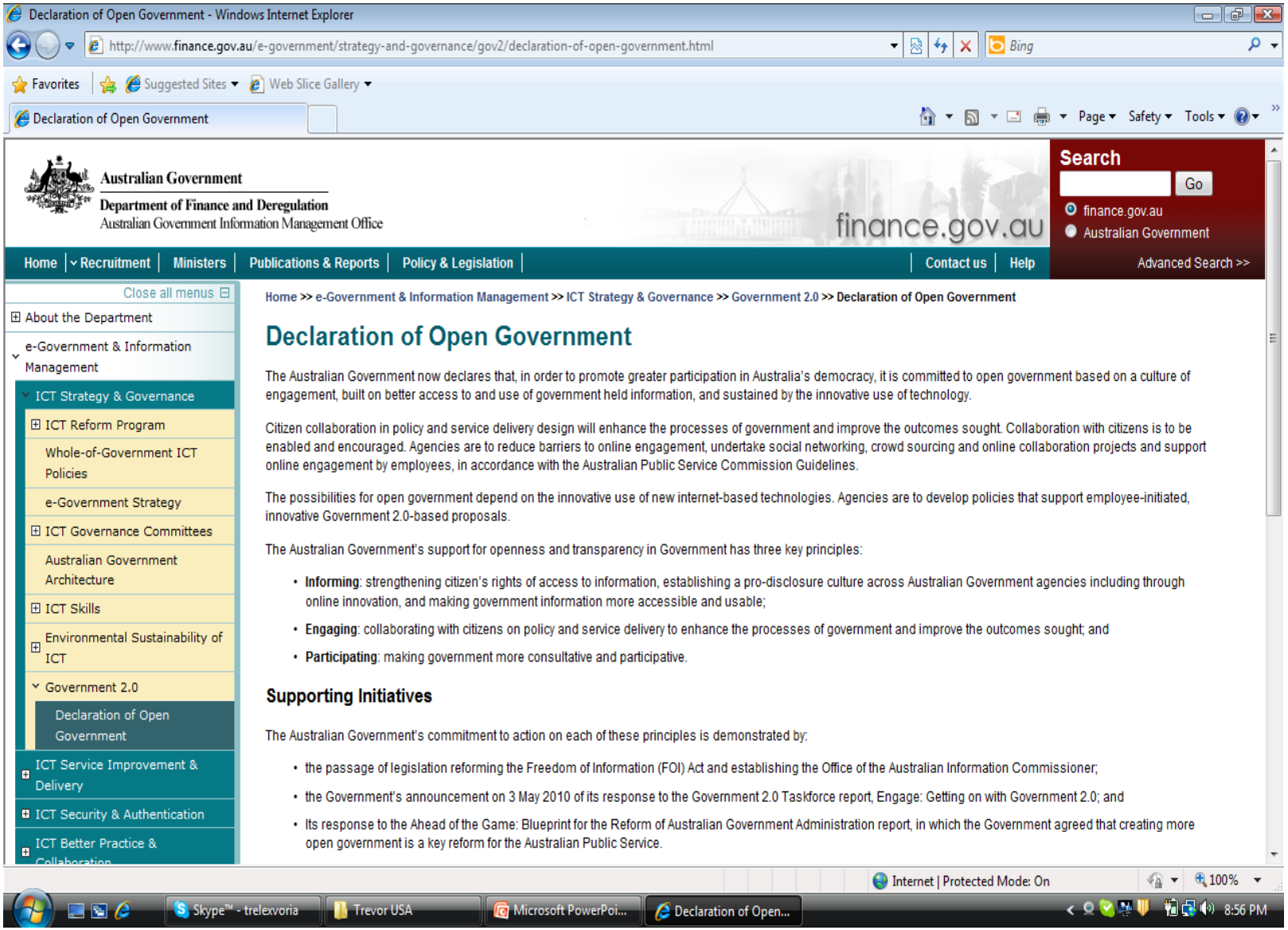
Department of Finance and Deregulation

Declaration of Open Government



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Budget Under Creative Commons

Budget Paper No. 1: Budget Strategy and Outlook 2009-10 - Preliminaries - Windows Internet Explorer

http://www.budget.gov.au/2010-11/content/bp1/html/bp1_prelims.htm

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Budget Paper No. 1: Budget Strategy and Outloo...

Page | Safety | Tools

THE HONOURABLE LINDSAY TANNER MP
MINISTER FOR FINANCE AND DEREGULATION
OF THE COMMONWEALTH OF AUSTRALIA

FOR THE INFORMATION OF HONOURABLE MEMBERS
ON THE OCCASION OF THE BUDGET 2010–11

11 MAY 2010

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Done

Trevor USA | Microsoft PowerPoi... | Budget Paper No. 1:...

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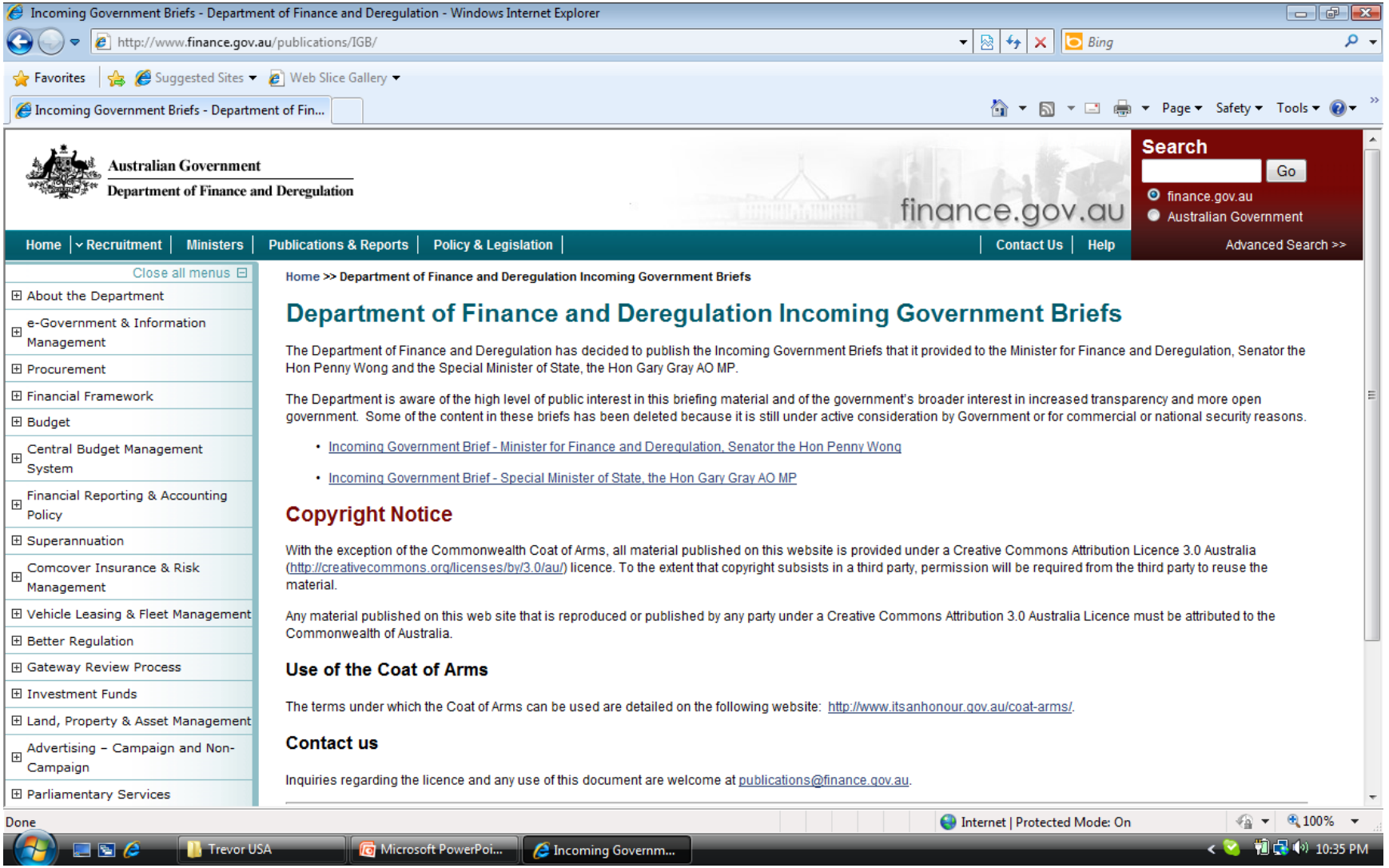
Incoming Government Briefs



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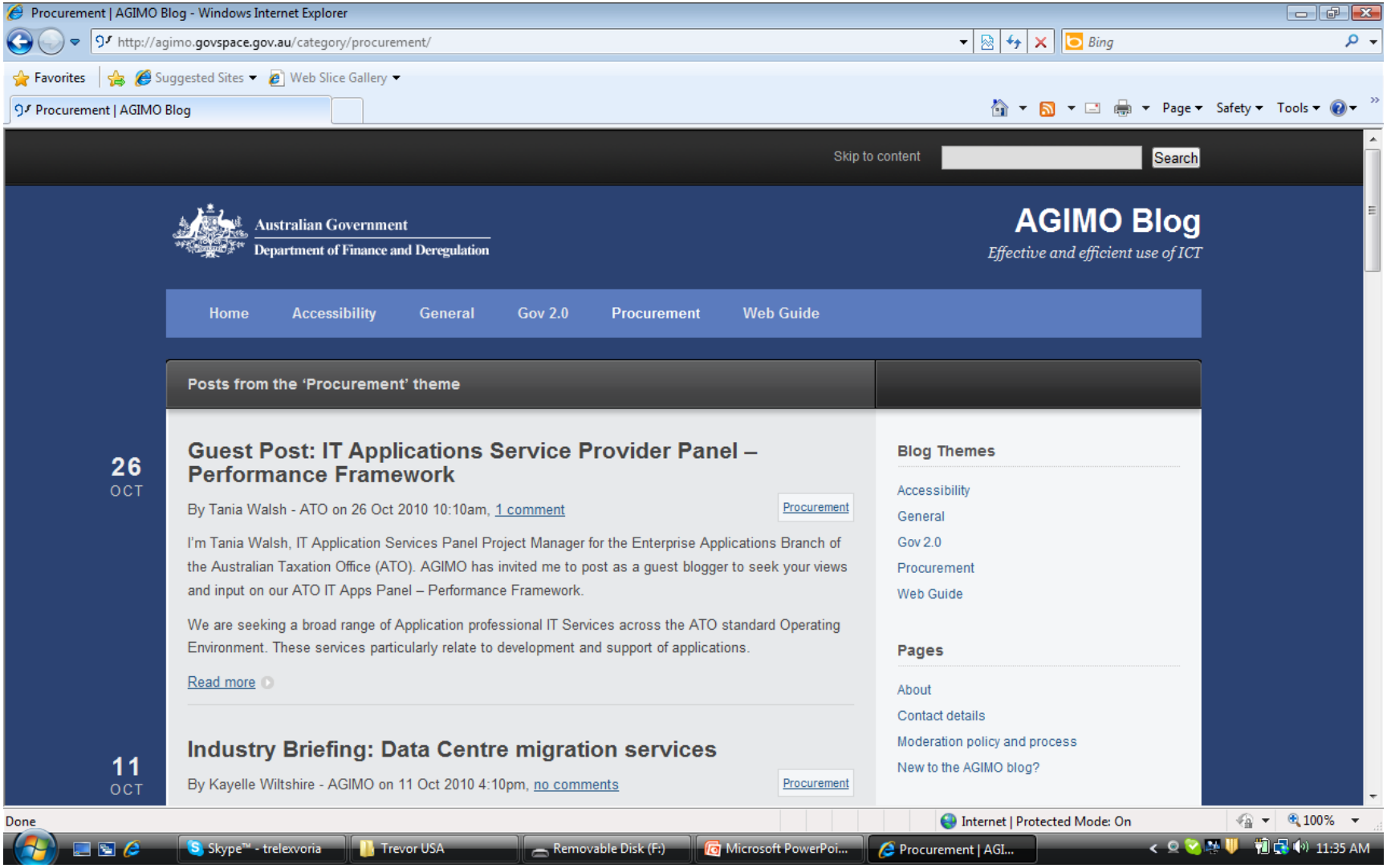
Blogging and Engagement



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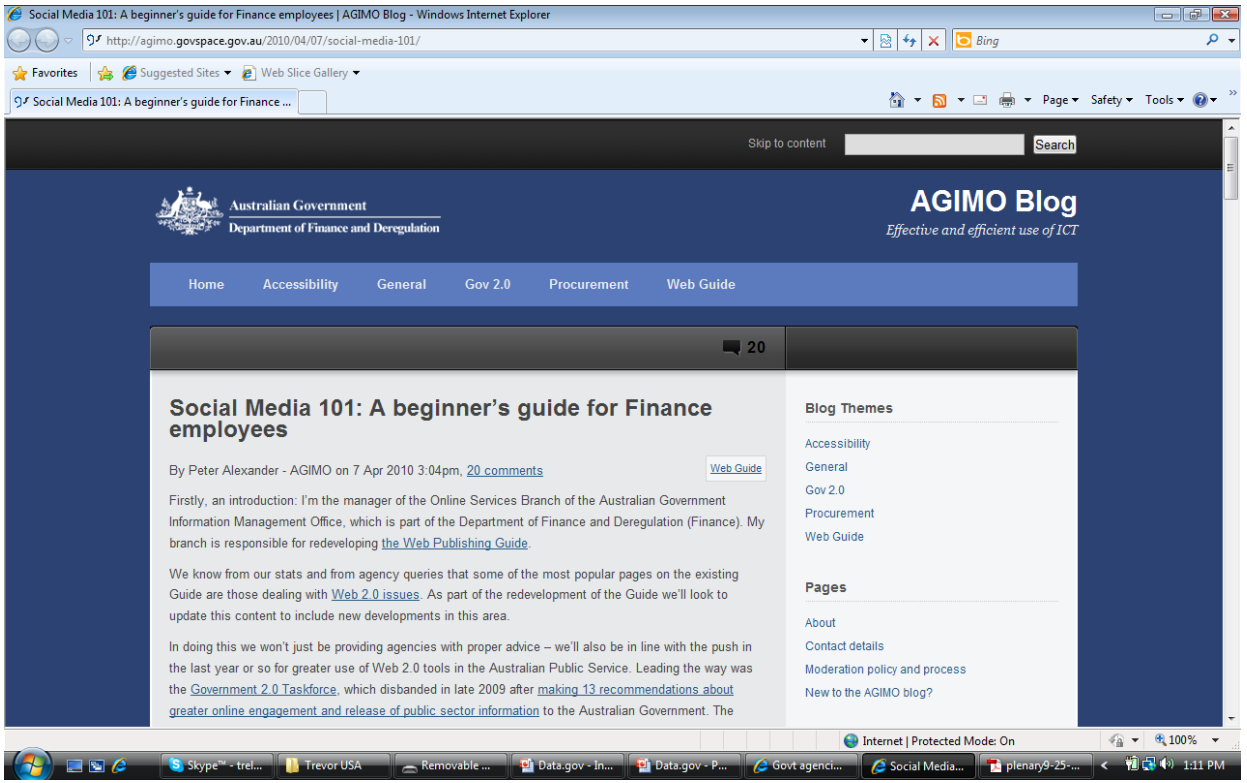
Social Media



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Learning As We Go

Australian Government

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