International Open Government Data Conference

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

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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 businesses 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.
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

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.

NZ Government Open Access and Licensing framework (NZGOAL)
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
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

• 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

- 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
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
- Analysis of Expenses by Functional Classification - Financial Statements of the Government of New Zealand for the Year Ended 30 June 2010 The Treasury

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
- DataCatalogue
- OpenDataNZ
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 Commons 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 licensed, see clauses 2-6 of data.govt.nz’s Terms of use.
Data.govt.nz - next steps

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

**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
Find out everything about New Zealand property
Find out a home's value, local house prices, neighbourhood stats and much more.

› Find information on over 1.5 million homes
› Get up-to-date property valuations
› Buy reports on local house sales
› Research local property sales statistics
› Find information on schools, communities and more

Buy a Property Report
My Tours

Turn your city walks, museum tours and audio guides into an iPhone application.

Perfect for:

- Local councils and tourist information centers wanting to publish tours online
- 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 Application
Competition now open!

A chance to show the world what you can do with New Zealand digital content and data.

Entries close Tuesday 30 November 2010

Enter now
Key links

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

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twitter: cristianofaria

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

WHAT

PROBLEM

SOLUTIONS

LEGAL SOLUTIONS

LAWMAKING EXPERTISE

WHO

ANY CITIZEN

EXPERTISE

BILL CONTENT

DRAFT

LAW
Multiple Participatory Mechanism

Collaborative virtual platform composed by several interactive tools.
e-democracia's goals

Comunidades

Mudança do Clima
Estatuto da Juventude
Simposio da Amazônia
Política Espacial

Notícias

10 hours 9 minutes ago
Presidente Lula ressalta importância dos debates sobre as políticas públicas de juventude
most successful virtual communities

Youth Bill

Lan-Houses Bill
Comunidade Lorem Ipsum

Nullam nec tristique nibh. Morbi sit amet euismod ipsum. Proin molestie, est eu consequat rutrum, tellus metus venenatis arcu, ut placerat mi tellus et metus. Nam aliquet tristique convallis. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac.

Faça parte desta comunidade

Guia da Discussão

Nullam nec tristique nibh. Morbi sit amet euismod ipsum. Proin molestie, est eu consequat rutrum, tellus metus venenatis arcu, ut placerat mi tellus et metus.

Fase encerrada

Fase atual

Fase futura

Nam aliquet tristique convallis. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac.
Participants wanted greater investment in internships and other professional programs for undergraduates, as well as greater flexibility in working conditions for students.
“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

- e-Democracia Content (forums, wikilegis, chats)
- Moderation and engagement
- Legislation advisor
- "technical translation"
- Committee
- Draft
conclusion

this kind of practice is too complex

it needs a long-term approach
Thanks

Obrigado

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Legislative Intelligence Program
House of Representatives, Brazil

www.edemocracia.gov.br
A World of Data - Australia

Trevor Smallwood
Assistant Secretary
Cyber-Security
Australian Government Information Management Office
Department of Finance and Deregulation
The Federal Government

Constitution

Legislative Power

Executive Power

Judicial Power

Governor-General

The Ministry

House of Representatives

Senate

High Court

Other Federal Courts

Government Departments

[Map of Australia with states labeled]
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
The Office of the Australian Information Commissioner

Freedom of information
- About FOI
- How do I make a complaint?
- How do I seek a review?

Privacy
- About Privacy
- How do I make a complaint?

Information policy
- About information policy
- Advisory Committee
- Issues Paper released
Government 2.0 Taskforce

13 Recommendations
12 agreed
Declaration of Open Government

The Australian Government now declares that, in order to promote greater participation in Australia’s democracy, it is committed to open government based on a culture of engagement, built on better access to and use of government-held information, and sustained by the innovative use of technology.

Citizen collaboration in policy and service delivery design will enhance the processes of government and improve the outcomes sought. Collaboration with citizens is to be enabled and encouraged. Agencies are to reduce barriers to online engagement, undertake social networking, crowd sourcing and online collaboration projects and support online engagement by employees, in accordance with the Australian Public Service Commission Guidelines.

The possibilities for open government depend on the innovative use of new internet-based technologies. Agencies are to develop policies that support employee-initiated, innovative Government 2.0-based proposals.

The Australian Government’s support for openness and transparency in Government has three key principles:

- **Informing**: strengthening citizen’s rights of access to information, establishing a pro-disclosure culture across Australian Government agencies including through online innovation, and making government information more accessible and usable;
- **Engaging**: collaborating with citizens on policy and service delivery to enhance the processes of government and improve the outcomes sought; and
- **Participating**: making government more consultative and participative.

**Supporting initiatives**

The Australian Government’s commitment to action on each of these principles is demonstrated by:

- the passage of legislation reforming the Freedom of Information (FOI) Act and establishing the Office of the Australian Information Commissioner;
- the Government’s announcement on 3 May 2010 of its response to the Government 2.0 Taskforce report, Engage: Getting on with Government 2.0; and
- its response to the Ahead of the Game: Blueprint for the Reform of Australian Government Administration report, in which the Government agreed that creating more open government is a key reform for the Australian Public Service.
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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Welcome

data.australia.gov.au is the home of Australian government public information datasets. We encourage you to make government information even more useful by mashupping the data to create something new and exciting! Make sure you pay attention to the licence attached to the datasets you are interested in using. Each licence should make clear what you can and can’t do with the data. If you’re unsure, please contact the contributing agency.

Start browsing the collection.

Browse Data by Category

- Business (2)
- Communication (3)
- Community (22)
- Culture (5)
- Education (67)
- Information & Communications Technologies (3)
- Law (10)
- Measurement (8)

Recently-Added

- Radio and Television (5)
- Broadcasting Licences (4)
- Commonwealth Electoral Data (3)
- Commonwealth Health (6)
- Licensed Broadcast (1)
- Other Categories (1)

Done
Department of Finance and Deregulation Incoming Government Briefs

The Department of Finance and Deregulation has decided to publish the Incoming Government Briefs that it provided to the Minister for Finance and Deregulation, Senator the Hon Penny Wong and the Special Minister of State, the Hon Gary Gray AO MP.

The Department is aware of the high level of public interest in this briefing material and of the government’s broader interest in increased transparency and more open government. Some of the content in these briefs has been deleted because it is still under active consideration by Government or for commercial or national security reasons.

- Incoming Government Brief - Minister for Finance and Deregulation, Senator the Hon Penny Wong
- Incoming Government Brief - Special Minister of State, the Hon Gary Gray AO MP

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Guest Post: IT Applications Service Provider Panel – Performance Framework

By Tania Walsh - ATO on 26 Oct 2010 10:10am, 1 comment

I'm Tania Walsh, IT Application Services Panel Project Manager for the Enterprise Applications Branch of the Australian Taxation Office (ATO). AGIMO has invited me to post as a guest blogger to seek your views and input on our ATO IT Apps Panel - Performance Framework.

We are seeking a broad range of Application professional IT Services across the ATO standard Operating Environment. These services particularly relate to development and support of applications.

Read more

Industry Briefing: Data Centre migration services

By Kayelle Wiltshire - AGIMO on 11 Oct 2010 4:10pm, no comments

Blog Themes
- Accessibility
- General
- Gov 2.0
- Procurement
- Web Guide

Pages
- About
- Contact details
- Moderation policy and process
- How to the AGIMO blog?
Social Media 101: A beginner’s guide for Finance employees

By Peter Alexander - AGIMO on 7 Apr 2010 3.04pm, 20 comments

Firstly, an introduction: I’m the manager of the Online Services Branch of the Australian Government Information Management Office, which is part of the Department of Finance and Deregulation (Finance). My branch is responsible for redeveloping the Web Publishing Guide.

We know from our stats and from agency queries that some of the most popular pages on the existing Guide are those dealing with Web 2.0 issues. As part of the redevelopment of the Guide we will look to update this content to include new developments in this area.

In doing this we won’t just be providing agencies with proper advice – we’ll also be in line with the push in the last year or so for greater use of Web 2.0 tools in the Australian Public Service. Leading the way was the Government 2.0 Taskforce, which disbanded in late 2009 after making 15 recommendations about greater online engagement and release of public sector information to the Australian Government. The
Gov 2.0 Twitter hiccups inevitable: AGIMO

By Josh Taylor, ZDNet.com.au on November 5th, 2010

Controversial, high profile incidents involving public servants blogging or using Twitter are just part of the learning process of open government, or Government 2.0, according to Australian Government Information Management Office's (AGIMO's) online services branch assistant secretary Peter Alexander.

Part of Alexander's role within the AGIMO branch is to develop and manage web policy that is often adapted and used by other government agencies. Alexander’s own tweets were criticised by Liberal Senator Cory Bernardi in Senate Estimates and The Australian recently quoted anonymous political blogger Grog's Gamut as Department of Environment, Heritage and the Arts public servant Greg Jericho. According to Alexander, such events were just part of the learning process.