

'The power of where'
DEVELOPING STABLE AND SUCCESSFUL




Land Information
New Zealand
Toitū te whenua



Geospatial open data – policy and practice in New Zealand

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New Zealand Case Study

- Strategy and policy settings
 - Geospatial Strategy
 - Open and transparent Government
- How we do open data
 - Tools to help
- Some issues
 - Privacy v's Impact
 - Feedback and response

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NZ Geospatial Strategy - 2007

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Four Strategic Goals

I. **Governance** – establish the governance structure required to optimise the benefits from government's geospatial resources.

II. **Data** – ensure the capture, preservation and maintenance of fundamental (priority) geospatial datasets, and set guidelines for non-fundamental geospatial data.



III. **Access** – ensure that government geospatial information and services can be readily discovered, appraised and accessed.

IV. **Interoperability** – ensure that geospatial datasets, services and systems owned by different government agencies can be combined and reused for multiple purposes.

NZ Declaration on Open and Transparent Government, 2011

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Government direction to government agencies to proactively release all:

- publicly funded data
- non-personal and unclassified
- high potential value for re-use

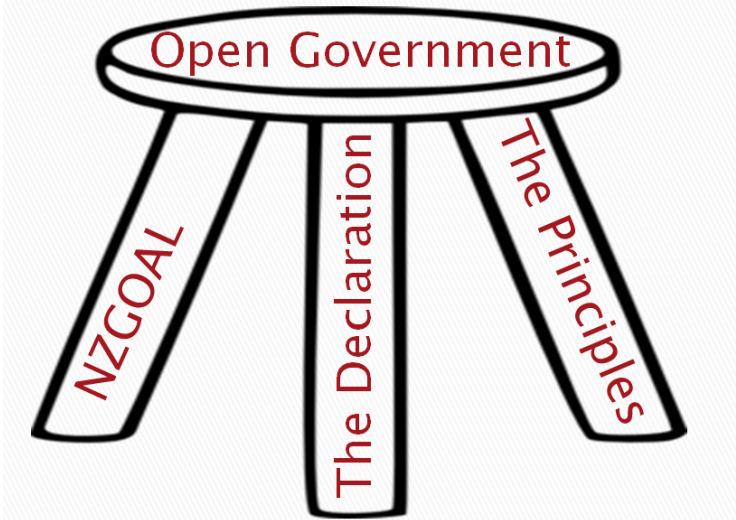

How do we do this?

- **apply the NZ Data & Information Management Principles**
- **licensed for re-use (NZGOAL)**
- **published on Data.govt.nz**


newzealand.govt.nz



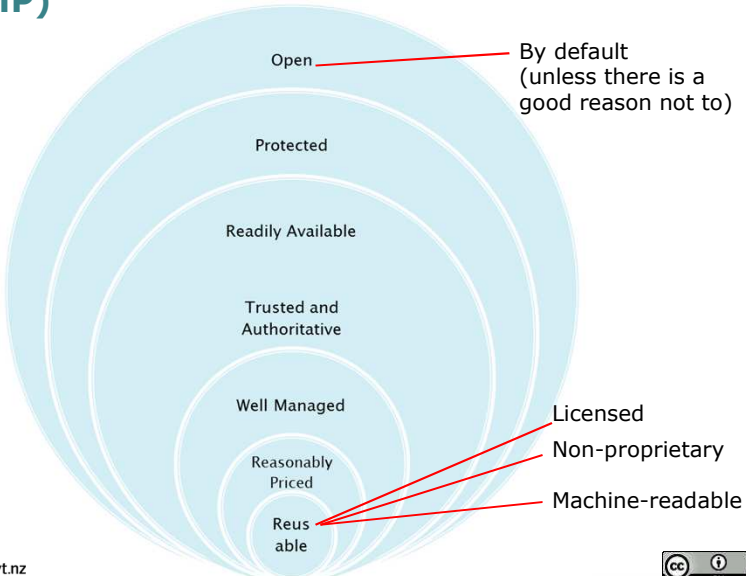

Foundations for Open Government Data and Information




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NZ Data and Information Management Principles, 2011 (NZDIMP)



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NZ Government Open Access and Licensing (NZGOAL) Framework



Guidance to publicly funded agencies on how to apply Creative Commons licences to information data and content, published digitally or in hardcopy.

- Copyright = ownership
- Licence = permissions to re-use (assigned by the copyright owner)

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How to do Open Data: online resources



The screenshot shows a web browser window displaying the NZGOAL framework page. The URL is <https://www.ict.govt.nz/guidance-and-resources/open-government/new-zealand-government-open-access-and-licensing-nzgoal-framework/nzgoal2/>. The page header includes 'ICT.govt.nz' and a search bar. A navigation menu lists: Governance and Leadership, Strategy and Action Plan, ICT System Assurance, Guidance and Resources, Products and Services, Programmes and Initiatives, and News and Updates. The main content area is titled 'Guidance and Resources' and features the heading 'New Zealand Government Open Access and Licensing framework (Version 2)'. Below this, there are links for 'Accelerate', 'Architecture', 'Case Studies', 'Government Online', 'Information Management', 'Open Government', and 'Open Data 101'. A Creative Commons Attribution 4.0 International license notice is visible at the bottom of the page content.

Data.govt.nz



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data.govt.nz

Kāwanatanga o Aotearoa
New Zealand Government

Search New Zealand Government data Data Requests: 174 Requests Actioned: 101 Total Datasets: 3808

search in All Categories
Q

[Advanced search](#)

Featured Datasets

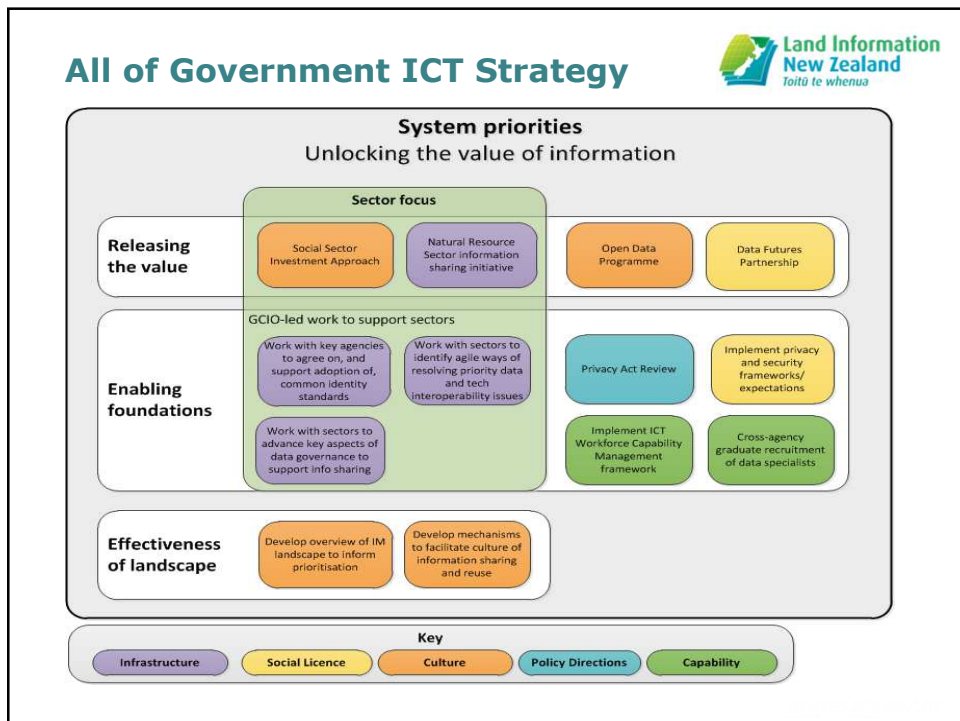
- Government Consultation Listing (XML, JSON)
- Injury Statistics - Work-related claims (CSV, Spreadsheet, HTML)
- Sport NZ Group investments 2013 - 2014 (CSV)
- New Zealand Gazette (XML, JSON)

Recently Added Data

- Mortality and Demographic Data 2012
- Tier 1 statistics 2014/15: New Zealand Health Survey
- Youth Suicide
- Writing/Tuhituhi: Primary Schooling

Categories

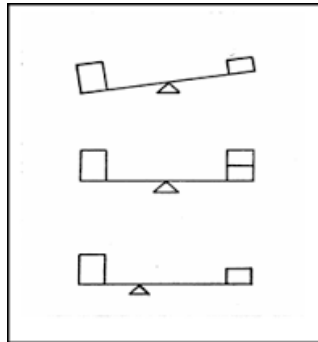
- Agriculture, forestry and fisheries
- Arts, culture and heritage
- Building, construction and housing
- Commerce, trade and industry
- Education



Privacy v's Openness



Getting the balance right



Privacy Act 1993 principles



1. Only collect personal information if you really need it
2. Get it directly from the people concerned where possible
3. Tell them what you're going to do with it
4. Be fair and not unreasonably intrusive when you're getting it
5. Keep the information safe
6. Give people access to their personal information if they want it

**Open by design /
Closed by design**

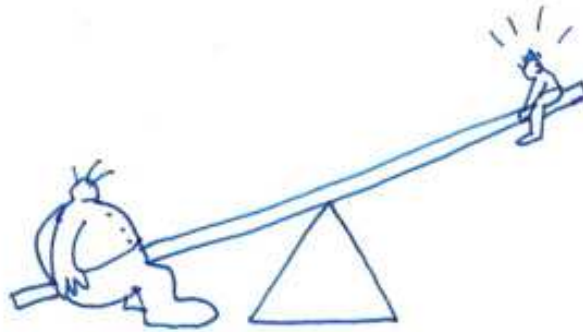
**Open =
Non-personal**

7. Let people correct information that's wrong
8. Make sure personal information is correct and not misleading before you use it
9. Get rid of it when you're done with it
10. Generally, only use the information for the purpose for which you got it
11. Only disclose it if you have a good reason
12. Only assign unique identifiers where permitted.

Privacy v's Openness



Getting the balance right



Privacy Impact Assessment



- <https://www.privacy.org.nz/news-and-publications/guidance-resources/privacy-impact-assessment/>



Privacy v's Impact



The Privacy Act is a principle-based system,
not enforceable in court.
An aggrieved individual must make a complaint

Title, name & address



The screenshot shows the LINZ Data Service interface for the 'NZ Property Titles' layer. The left sidebar contains metadata and technical details. The main map area shows an aerial view of a residential area with red property boundaries. A pop-up window displays detailed information for a selected property.

Attribute	Value
id	Wellington 0.1m Urban Aerial
id	1902687
title_no	WK79275
status	LVE
type	Freehold
land_district	Wellington
lease_date	1921-02-08 00:00:00
guarantee_status	Guarantee
estate_description	Fee Simple, 1/1, Lot 1 Deposited Plan 5014, 85 m2
number_owners	2
special_owners_shared	None

LINZ CCBY modifications:



<https://data.linz.govt.nz/license/linz-licence-personal-data-10/>

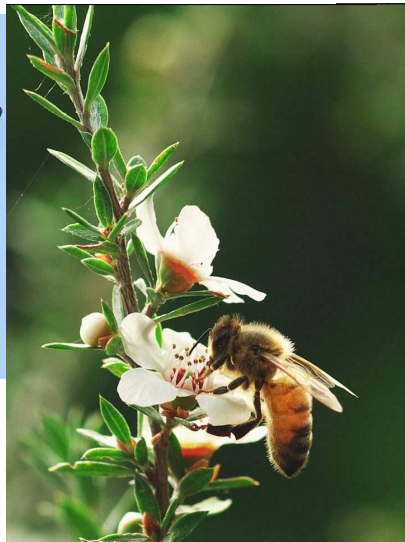
- You must comply with the provisions of the **Privacy Act 1993**, including the information privacy principles....
- You must take such security safeguards as are reasonable to **ensure the Data is not misused** and is **not provided to any individual or entity that has not agreed to this Licence**.
- You **must not allow the Data to be indexed by any public internet web search engine** and **must ensure that all third parties to whom You provide the Data** (whether or not supplied by You in a modified form or compilation) **do the same**.
- ...
- Within 5 business days of LINZ's request to do so, You must:
 - amend or delete the Data (or any part of the Data) as requested by LINZ;
 - ensure that all third parties to whom You provided the Data ... do the same; and
- You must not use the Data for any unlawful purpose and must comply with all laws.
- You **must not assign Your rights** under this Licence....



Opportunity v's Privacy



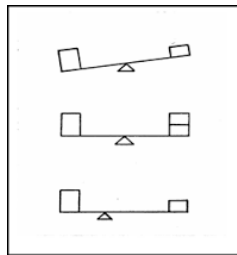
Manuka sites



Summary



- Open data is a big driver to help our work on national SDI
- We have policy, principles tools in place to help
- We are leaning as we go
- Feedback is essential to get the balance right



Contact



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LINZ
www.linz.govt.nz
<https://data.linz.govt.nz/>

Open Government Data Programme:
<http://www.ict.govt.nz/programmes-and-initiatives/open-and-transparent-government>

Open Data Case Studies:
<http://www.ict.govt.nz/guidance-and-resources/case-studies/open-data>

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