

# The Future is Open

*Auckland IPANZ New Professionals*

*Paul Stone*

*NZ Open Government Data Programme*



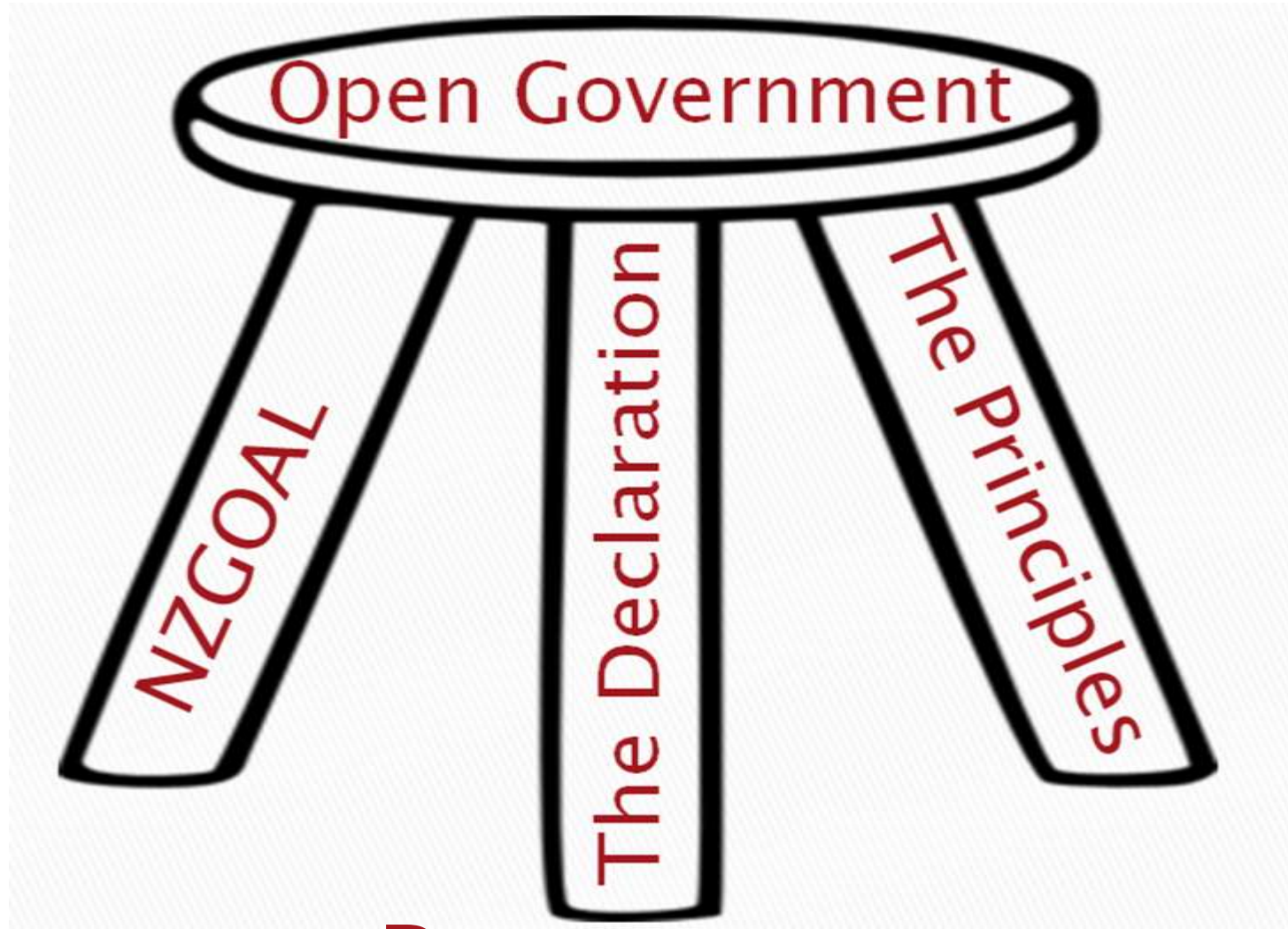
A close-up photograph of a green seed packet with a white tear, spilling numerous small, orange, oval-shaped seeds onto dark, rich soil. The seeds are scattered across the foreground, with a dense pile still inside the packet's opening. The background is a soft-focus view of more soil and seeds.

Open  
Data

**“Data that anyone  
can access, use and  
share”**

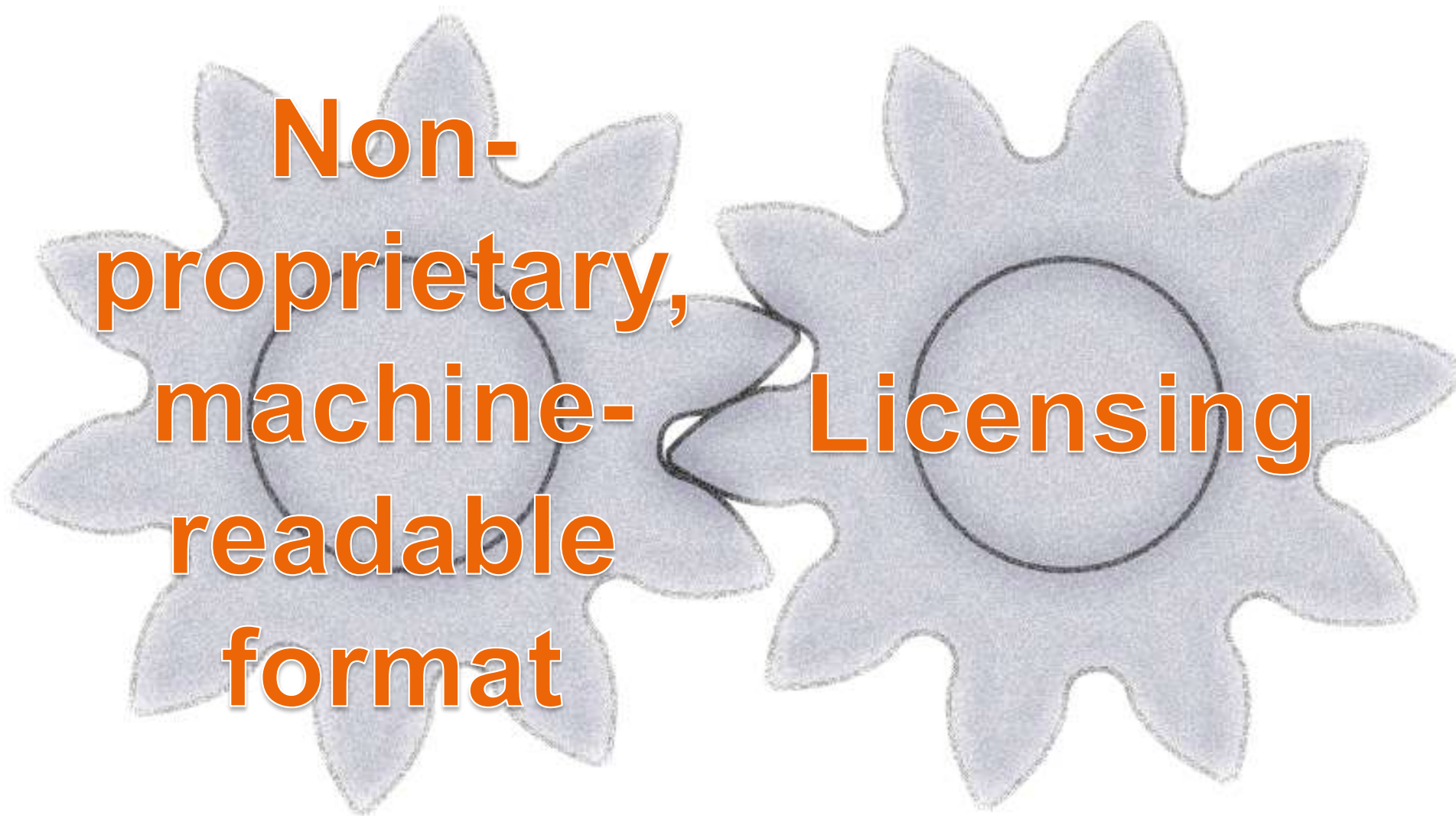


# Foundations for Open Government Data and Information



[Data.govt.nz](https://data.govt.nz)

# Two key components of open data



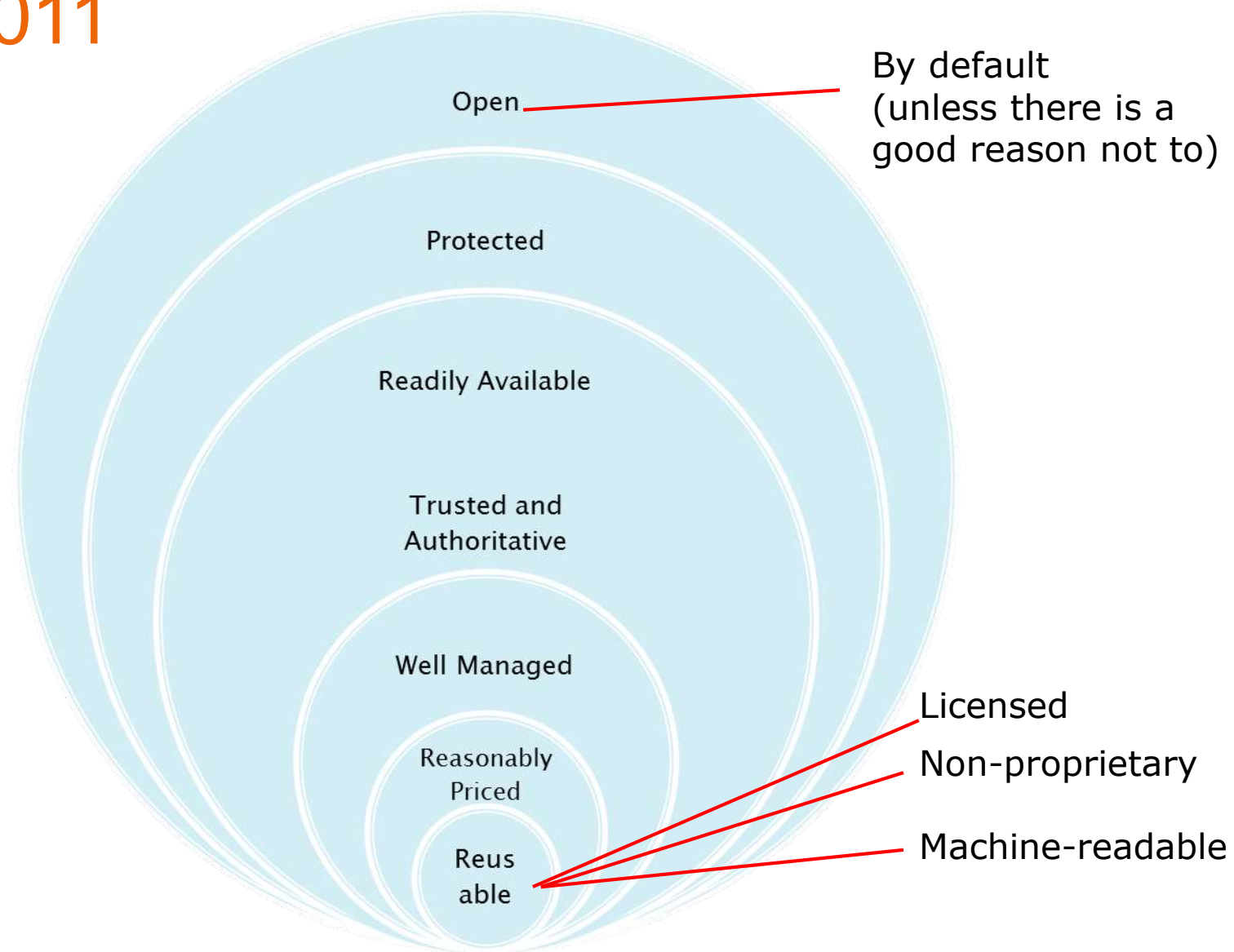
**Copyright** – is about ownership

**Licensing** – is the owner giving permission to reuse

**Creative Commons** – internationally standard licence

**NZGOAL** – guidance in applying CC licences

# NZ Data and Information Management Principles, 2011



## Search datasets

Search datasets...



Order by: Relevance



Filter by location

[Clear](#)



©OpenStreetMap, ©CARTO

### Organisations

Land Information Ne... (2045)

Ministry for the En... (853)

Environment Canterbury (421)

Manaaki Whenua – La... (390)

Greater Wellington ... (311)

Stats NZ (244)

## 6,294 datasets found

### Family Services Directory

Ministry of Social Development

The Family Services Directory is an online database that holds information on several thousand organisations (providers) that deliver services to support individuals and...

[CSV](#) [DB](#) [XLSX](#)

### Directory of Educational Institutions

Ministry of Education

Includes Early Childhood Directory, School Directory, and Tertiary Directory in CSV.

[CSV](#) [XLSX](#) [XLS](#)

### Proposed Airside Overlay

Waikato District Council

*This dataset has no description*

[SHP](#) [MapInfo File](#) [CSV](#) [GPKG](#) [FileGDB](#) [KML](#) [DWG](#) [PDF](#)



# NZ Declaration on Open and Transparent Government, 2011

Government direction to government agencies to proactively release all publicly funded data that is:

- non-personal and unclassified
- high potential value for re-use
- **managed according to the Principles**
- **licensed for re-use (NZGOAL)**
- **published on [Data.govt.nz](https://data.govt.nz)**



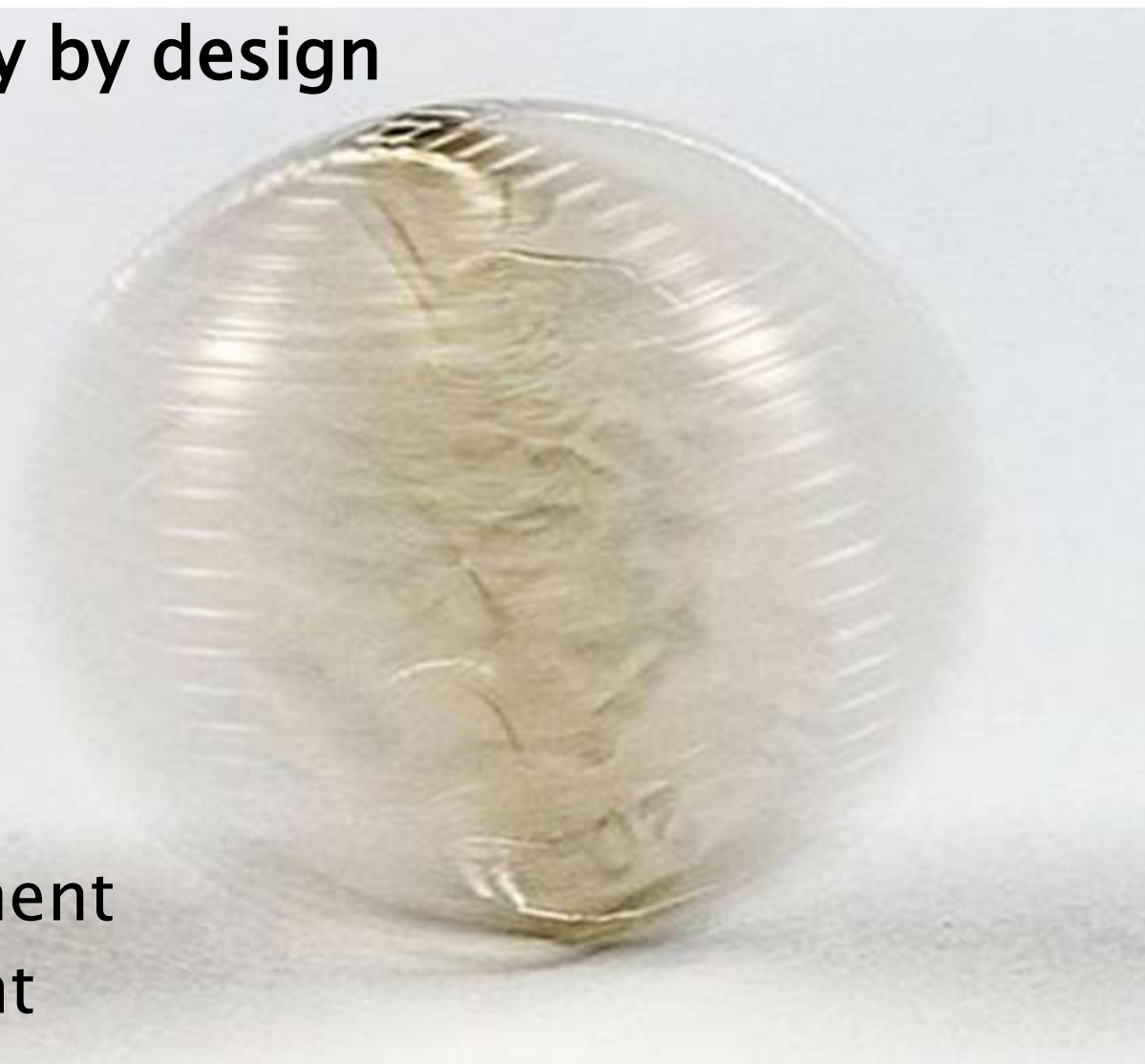
# NZ Declaration on Open and Transparent Government, 2011

**Open by design = privacy by design**

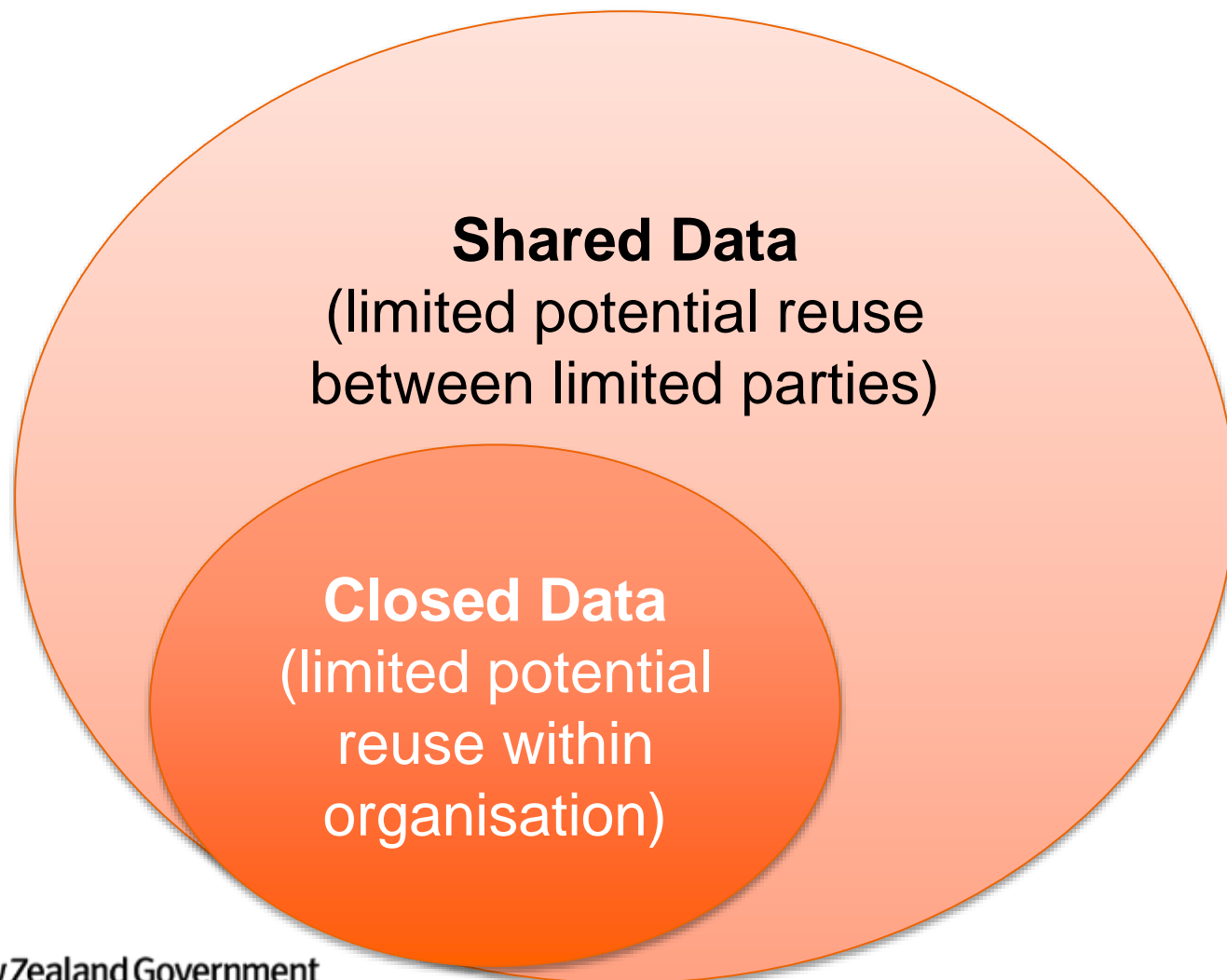
(Different mind sets,  
but really just 2 sides  
of the same coin)

**Pre-release:**

- Privacy impact assessment
- General risk assessment



# Why? - Every time data is reused, more value is realised



**Open Data**  
(unlimited potential reuse)

# Value creation

- New products and services into the economy
- Enhancing existing services
- Evidence for policy, advocacy and better decisions
- Efficiency in data sharing through ease of access, reduced duplication
- Improved resilience
- Increased engagement and participation



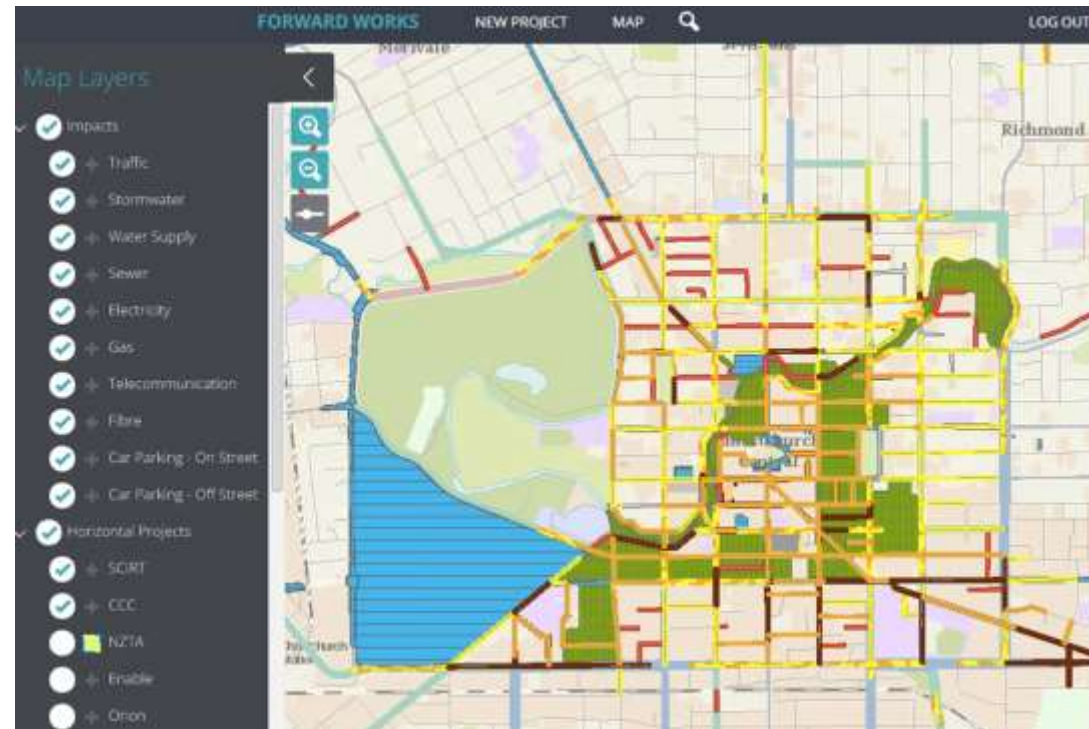
# New products and services



## Interactive - How NCEA has evolved

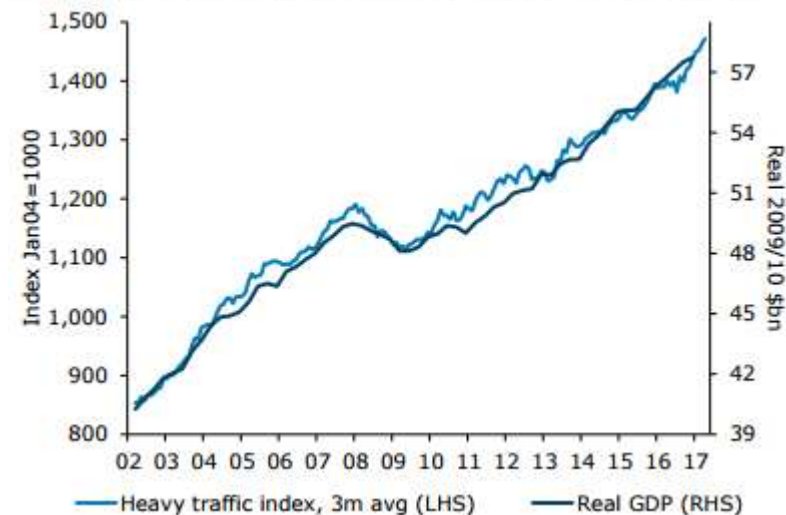
Interactive Map

Achievement rate since 2008 in 20 subjects for all deciles and NCEA levels.



## ANZ TRUCKOMETER

GDP AND THE ANZ HEAVY TRAFFIC INDEX 3-MONTH AVERAGE



# Health & Safety (ThunderMaps)

Intelligent location alerts, designed to keep your team safe.





# Supporting communities

TE HUNGA HAUĀ MAURI MO NGĀ TĀNGATA KATOĀ

# Mobility Parking

## Access Aware

[APPLICATIONS & RENEWAL](#)[FIND PARKING](#)[RULES & REGULATIONS](#)[HOW TO COMPLAIN](#)[ACCESS AWARE](#)

HOME > MOBILITY PARKING > ACCESS AWARE

## The FREE Access Aware app is now live in Christchurch and Wellington!

The Access Aware app was developed in partnership with [ThunderMaps](#) and is a world first initiative set to revolutionise the reporting and enforcement of mobility parking abuse.

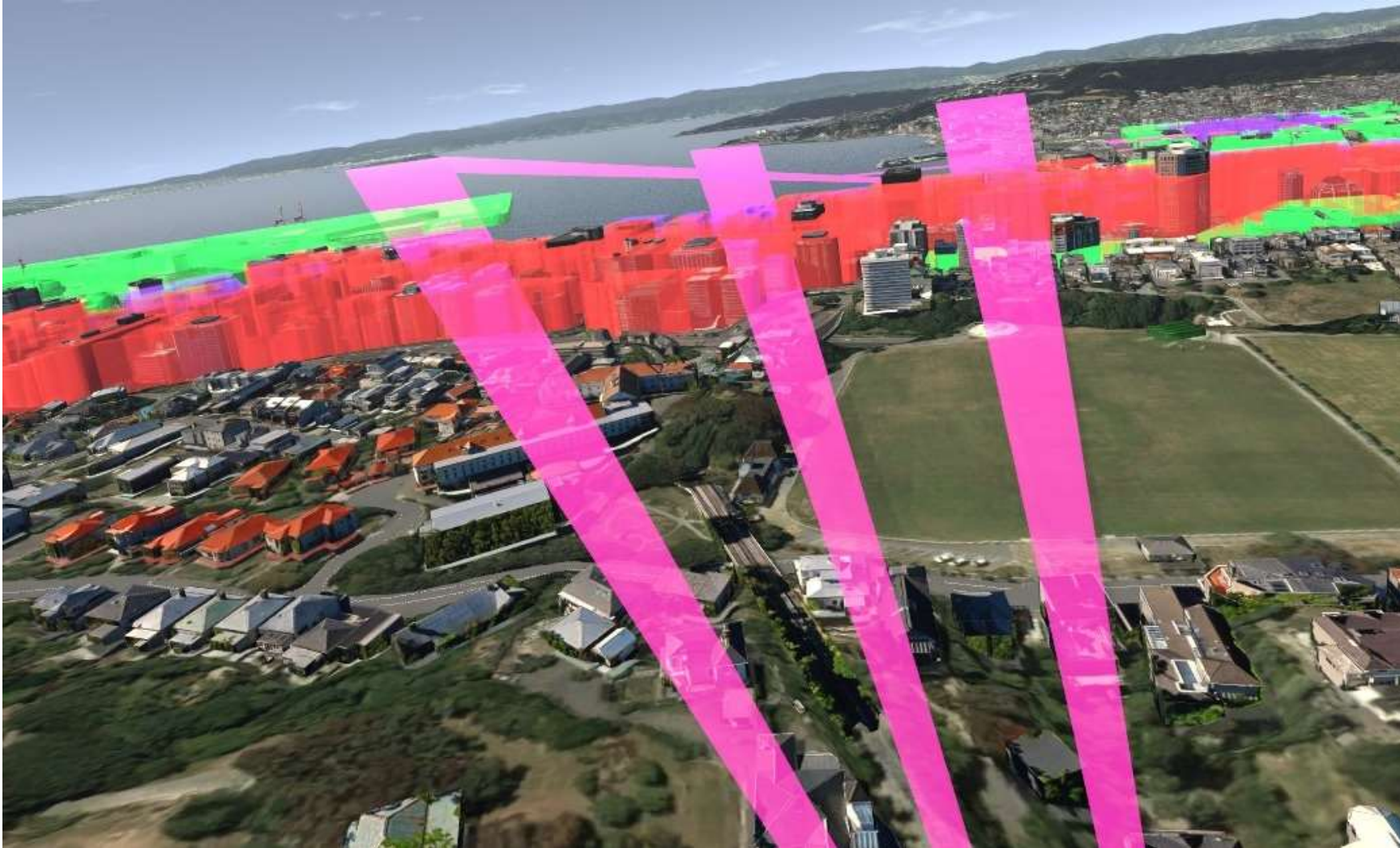


Help build a more accessible Aotearoa

Start by reporting mobility parking misuse  
**Download Access Aware today**



# 3D Virtual reality data (Wellington City Council)



Wellington's District Plan controls for the central area seen from the top of the Kelburn Cable Car

# 3D Virtual reality data (Wellington City Council)



Visualise the impact of sea level rise (using the land elevation)





open data charter





## The Charter Principles:

1. Open by Default
2. Timely and Comprehensive
3. Accessible and Usable
4. Comparable and interoperable
5. For Improved Governance and Citizen Engagement
6. For Inclusive Development and Innovation

# The Global scene

# The Future is Open

**BUENOS AIRES** September 27-28, 2018

# Embedding open data

Open Data can is longer a siloed activity, it is becoming integral to effective governance and management of data.

**Government Chief Data Steward** role established to lift capability and value generation across the system from government's data assets.



# Embedding open data

Open data practices are key to interoperability

- Open formats and content standards
- Metadata
- Context and user documentation
- Feedback loops for quality improvement
- Customer focus

# Indigenous Data Sovereignty

Some key messages:

- Don't analyse in silos
- Consider and involve the communities impacted by the data or whom the data is about – before release
- Tell the good stories too, not just about what appears to be broken
- Think carefully about the data we collect, and what questions we really want to answer. An individual has many facets, not just standard demographics

# Contact

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