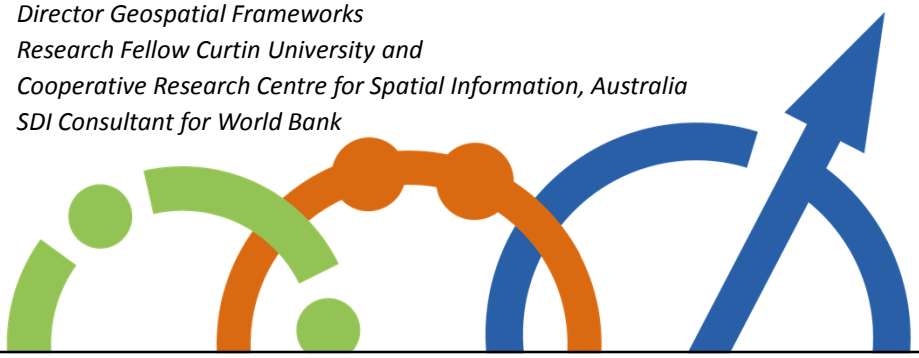
Why Policy Fails

What You Can Do About It

Dr Lesley Arnold
Director Geospatial Frameworks
Research Fellow Curtin University and
Cooperative Research Centre for Spatial Information, Australia
SDI Consultant for World Bank

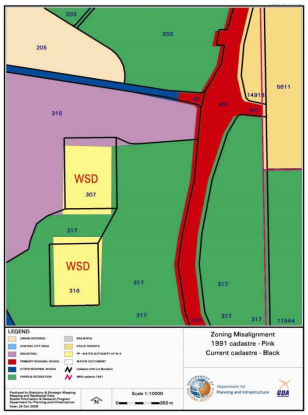


Presentation Outline

- Barriers to policy implementation
- 4 ways to overcome these barriers

Cultural Barriers

- Bilateral agreements exist
- Less status/lose jobs
- Loss of revenue
- Intellectual Property
- Data Sensitivity
- Errors/mismatching
- Expose duplication



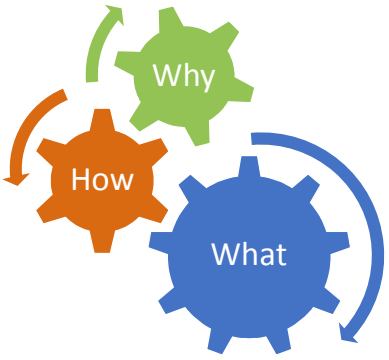
Financial Barriers

- No sharing technology capability
- Out-dated technologies
- Data is paper-based
- Investment a hard sell

Overcoming Barriers

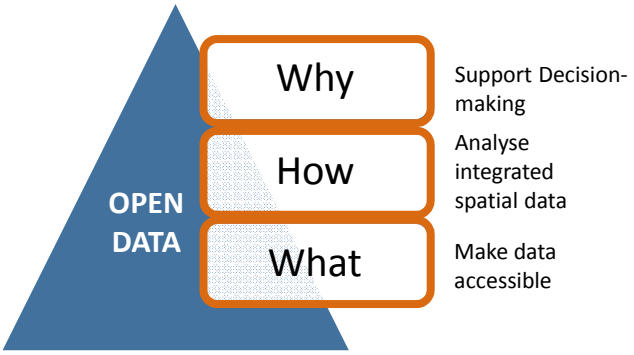
Policy Implementation is a **Journey**

- Make policy Meaningful
- Get the order and timing right
- Communicate the 'how'
- Make it machine-readable



Make Policy Meaningful

Traditional Approach



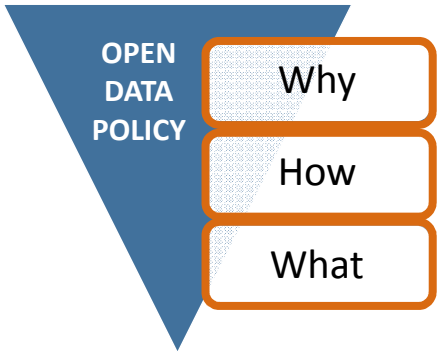
Support Decision-making

Analyse integrated spatial data

Make data accessible

Make Policy Meaningful

Start with 'Why'



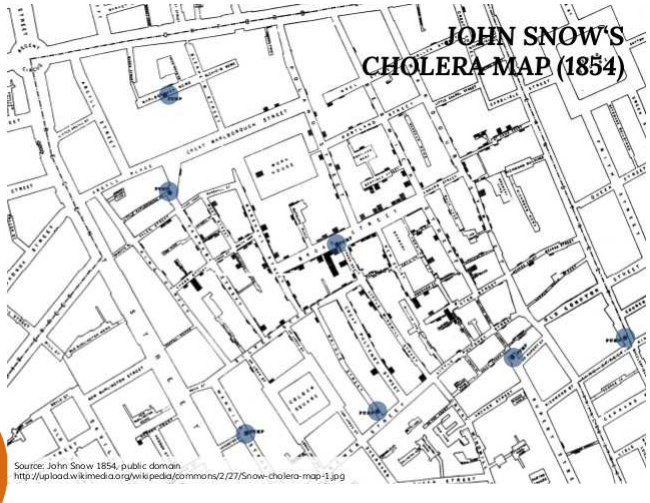
Saves Lives

Analyse spatial data to take the best action

Make data accessible and integrated

Make Policy Meaningful

Start with 'Why'

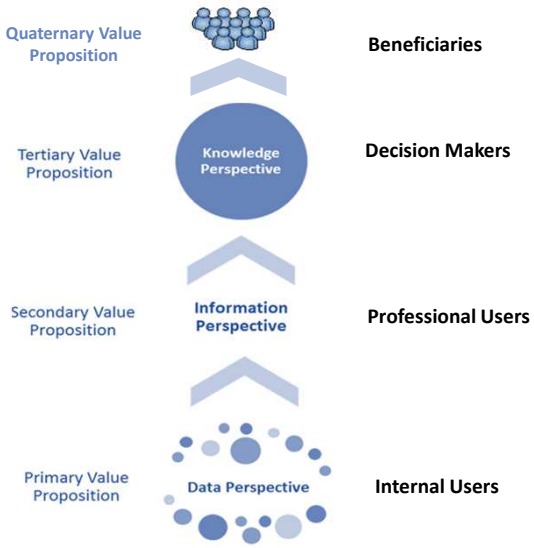


Source: John Snow 1854, public domain
http://upload.wikimedia.org/wikipedia/commons/2/27/Snow-cholera-map-1.jpg

Make Policy Meaningful

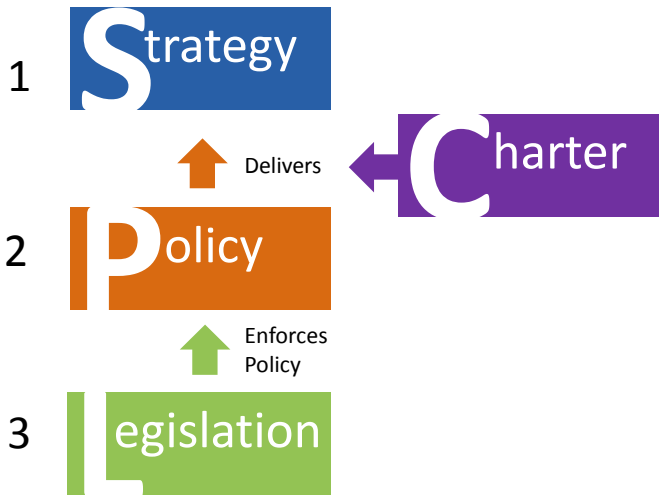
Policy Similar – Issues Differ

Make Policy Meaningful



Get the Order right

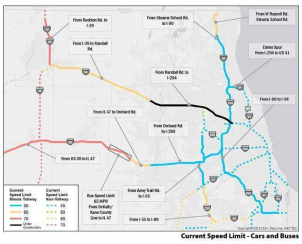
Get the Order right



Get the Timing right

Allow for Transition

Policy



Planning

Communication

Signage

Get the Timing right

Allow for Transition

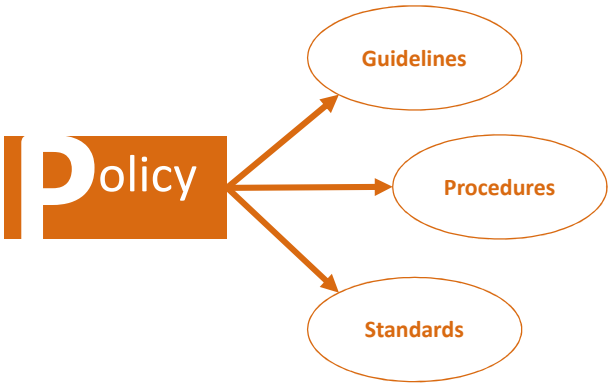
Policy

Capability

Communication

Processes

Communicate How



Data Release Guidelines

Principle

Open access to data is the default position but recognises that there are legitimate reasons why some data cannot be released

Data Release Guidelines

Principle

Free data is the default position but recognises that some data is costly to acquire and maintain, and may contain third party data and therefore may be subject to a fee and/or license.

Data Release Guidelines

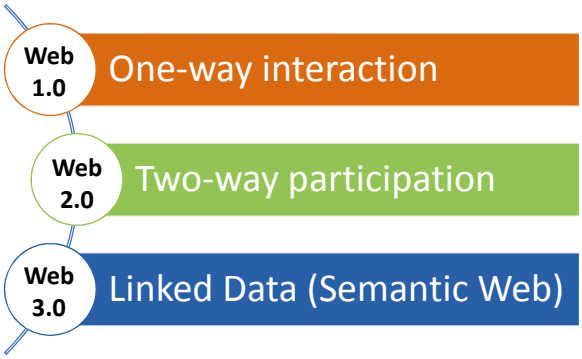
Empower

Delegate Responsibility to Custodians

- Quality Standards
- Data Release Categories
- Business Model
- Pricing Framework
- Licensing Framework
- Data Release Methods
- Accountability
- Privacy Protection

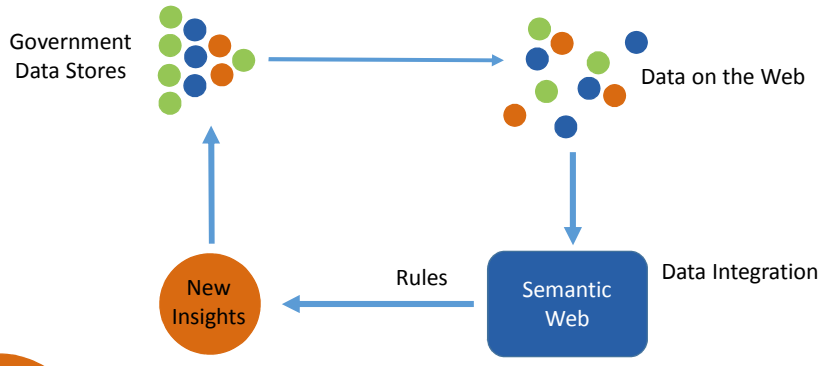
Semantic Web

3 stages of Evolution



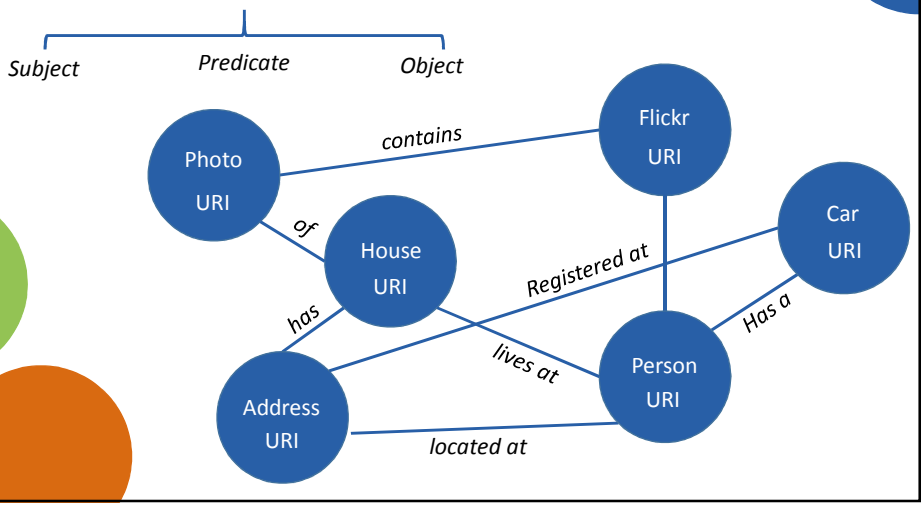
Semantic Web Future

Linked Data



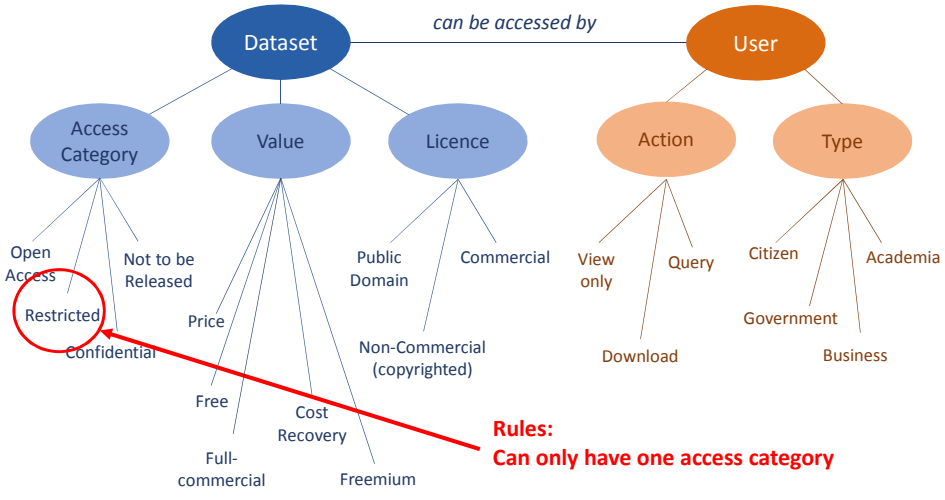
Semantic Web

Resource Description Framework (RDF) Triple



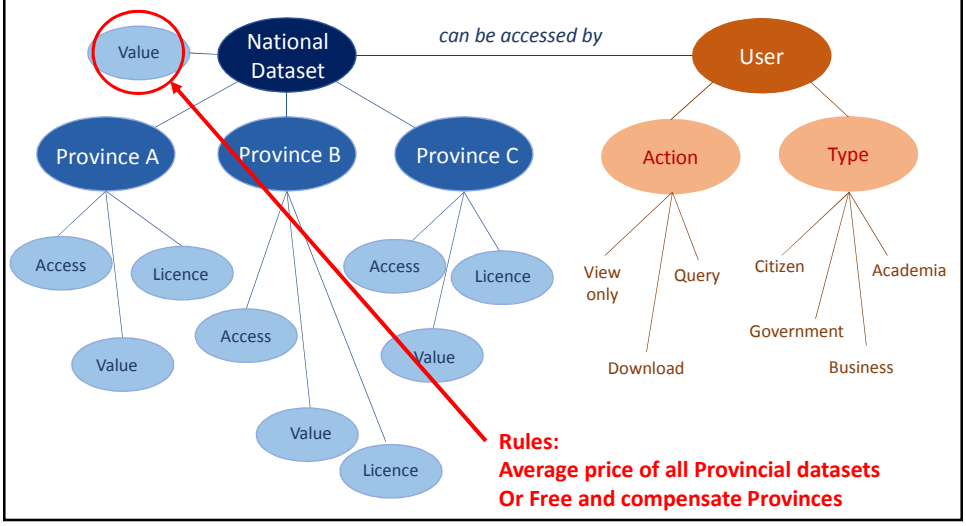
Data Release Ontology

Understand what elements exist and how they relate



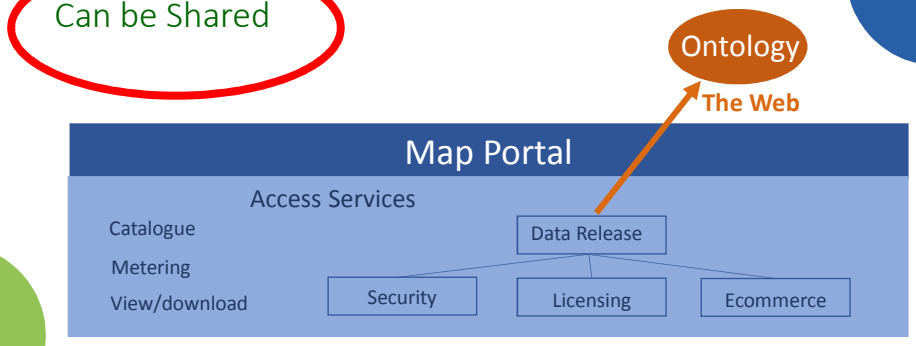
Data Release Ontology

Can Manage Intellectual Property



Data Release Ontology

Can be Shared



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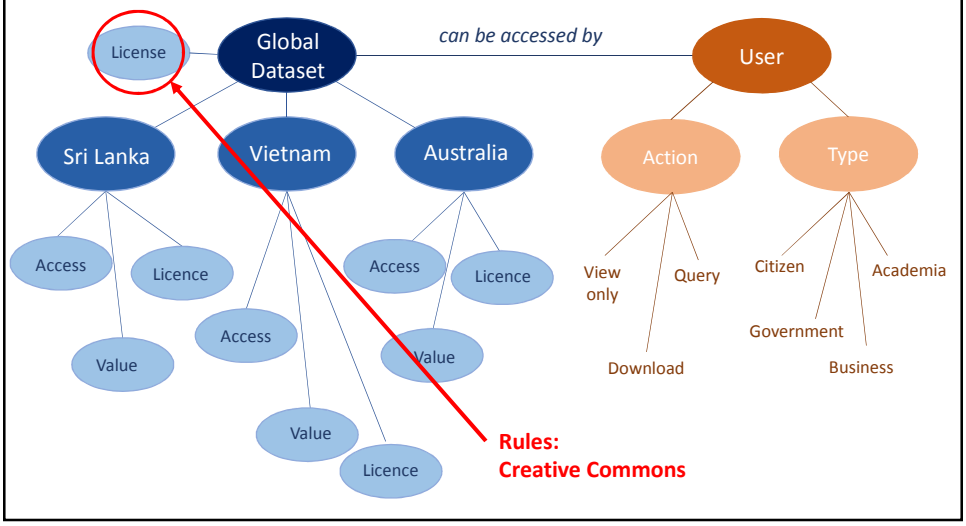
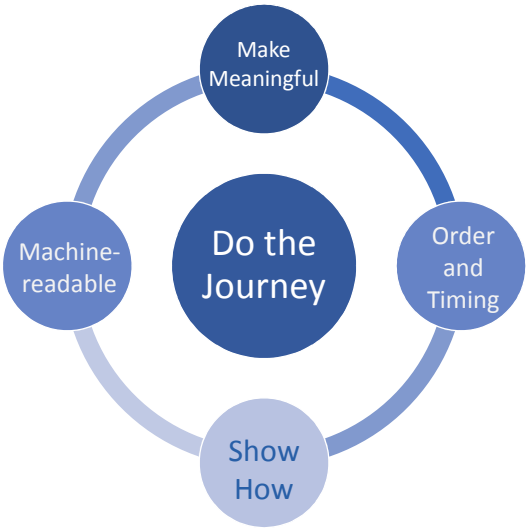


Conclusion



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Thank you very much

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