

Open Data & Data Interoperability

The Land Portal Experience of Open Data Management

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3 questions ...



Have you ever heard about the concept
Open Data and/or Open Content ?



Have you ever heard about the concept
Linked Open Data?



Do you know how to make your content
Open?



Open Data & Open Content

Open definition

Open data and content can be freely used, modified, and shared by anyone for any purpose

<https://opendefinition.org/>

What is the current status of knowledge base?

- 1. Knowledge is not available online
- 2. Knowledge is online, but hard to find (few metadata).
- 3. Knowledge is online and can be found, but not available to re-use.

Benefits of sharing knowledge

- Increases efficiency
- Better decision making
- Increases impact of knowledge
- Opens the way for collaboration
- Generating new ideas and innovations
- Preserves existing knowledge
- Increases visibility of the organization
- Strengthens the network
- Creates trust in objectivity of organization

Barriers to share knowledge

- No particular **incentive** to share the knowledge
- **Low awareness** of the benefits of sharing knowledge
- Lack of **time and/or resources**
- **Restrictive culture** of organization

- Knowledge taken out of **context**
- Fear of not receiving **just recognition**



Steps to **share knowledge**

Publish knowledge

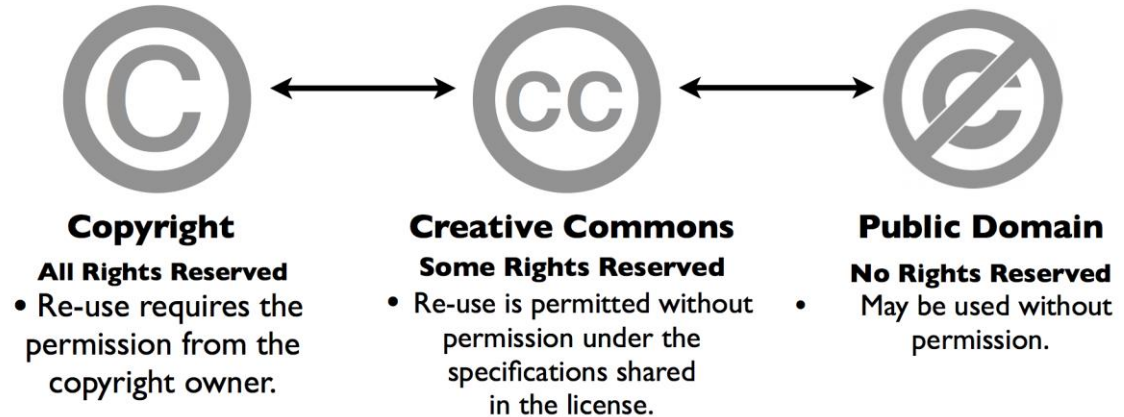
- Uploading your knowledge online



Consider licensing

- Copyright and Licenses
- Determine the level of usability with the type of license

the spectrum of rights



Structure/Classify knowledge

- Create information about your knowledge: “metadata”
- Make sure users know what the information is about



[Home](#)

Shelter Report 2016

Level the field: Ending gender inequality in land rights

Land tenure is one of the great challenges Habitat for Humanity faces in helping families access decent housing. Countless families around the world lack rights to the land on which they live. Just imagine the stress of knowing that any day you might be forced to move because someone else claims ownership of the place you call home.

The security of property rights is a crosscutting issue that impacts all areas of Habitat's work. Whether addressing the needs of displaced people as a result of disaster or conflict, providing water and sanitation, working in informal settlements, or facilitating access to microfinance for incremental housing, Habitat's work to provide decent shelter and create sustainable, stable, resilient communities can occur only if community residents have legal control of the land on which they live.

For that reason, Habitat cares deeply about ensuring access to secure property rights for everyone, especially women, who are disproportionately affected by lack of secure tenure. We have seen how impactful women are on the lives of their children and communities, and we have witnessed firsthand how ensuring secure property rights for women reverberates through communities to provide far-reaching benefits.

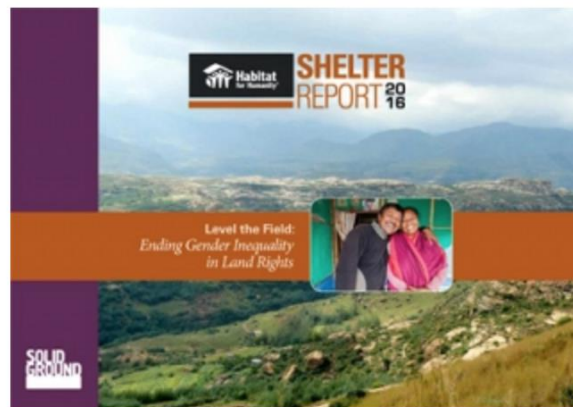
Habitat is working side by side with women to increase their property rights in a number of ways, including offering microloans and education on land and inheritance rights. Advocacy concerning land tenure is a huge focus in our work around the world. From community decision-making bodies to national governments and international organizations, Habitat is working at all levels to change policies and systems. In early 2016, we will launch [Solid Ground](#), a global advocacy campaign to increase access to land for shelter. A key component of the campaign includes secure property rights for women.

In this report, we examine how secure tenure impacts women, specifically in reference to housing. We identify solutions and best practices and provide recommendations for advocates and policymakers alike.

Read the report

- [View the 2016 Shelter Report](#)
- [Download the 2016 Shelter Report \(PDF, 1.8MB\)](#)

Learn more about Habitat for Humanity's [policy work and previous Shelter Reports](#) and learn more about our [Solid Ground](#) global advocacy campaign.



[View the 2016 Shelter Report](#)

Title	Shelter Report 2016
Description	"Land tenure is one of the great challenges Habitat for Humanity faces in helping families access decent housing. Countless families around the world lack rights to the land on which they live. (...)"
Download link	http://www.habitat.org/multimedia/shelter-report-2016/
Date of publication	October 2015
Resource type	Reports & Research
Publisher	Habitat for Humanity International
Language	English
Geographical coverage	Bolivia, Laos, Albania (...)
Topical coverage	continuum in land rights, gender equity in access to land, housing rights, land policies, land rights, land tenure, land tenure systems, security of tenure (land), sustainable development, urbanization
License	Copyright. All Rights Reserved

Use of **standards**

- Geographical names
 - Three-letter country codes (ISO standard)
 - Bolivia: BOL, Laos: LAO, Albania: ALB.
- Topical keywords
 - Standard vocabularies: LandVoc.

Tagging topics

LandVoc

the Linked Land Governance Thesaurus

1	LandVoc concepts				
2	English	French	Spanish	Portuguese	Agrovoc Unique Identifier
3	adjudication	arbitrage	Adjudicación	Adjudação	http://aims.fao.org/aos/agrovoc/c_ee93bbbe
4	advocacy	plaidoyer	Incidencia	Advocacia	http://aims.fao.org/aos/agrovoc/c_1410424255662
5	agrarian reform	Réforme agraire	Reforma agraria	Reforma agrária	http://aims.fao.org/aos/agrovoc/c_196

LandVoc

the Linked Land Governance Thesaurus

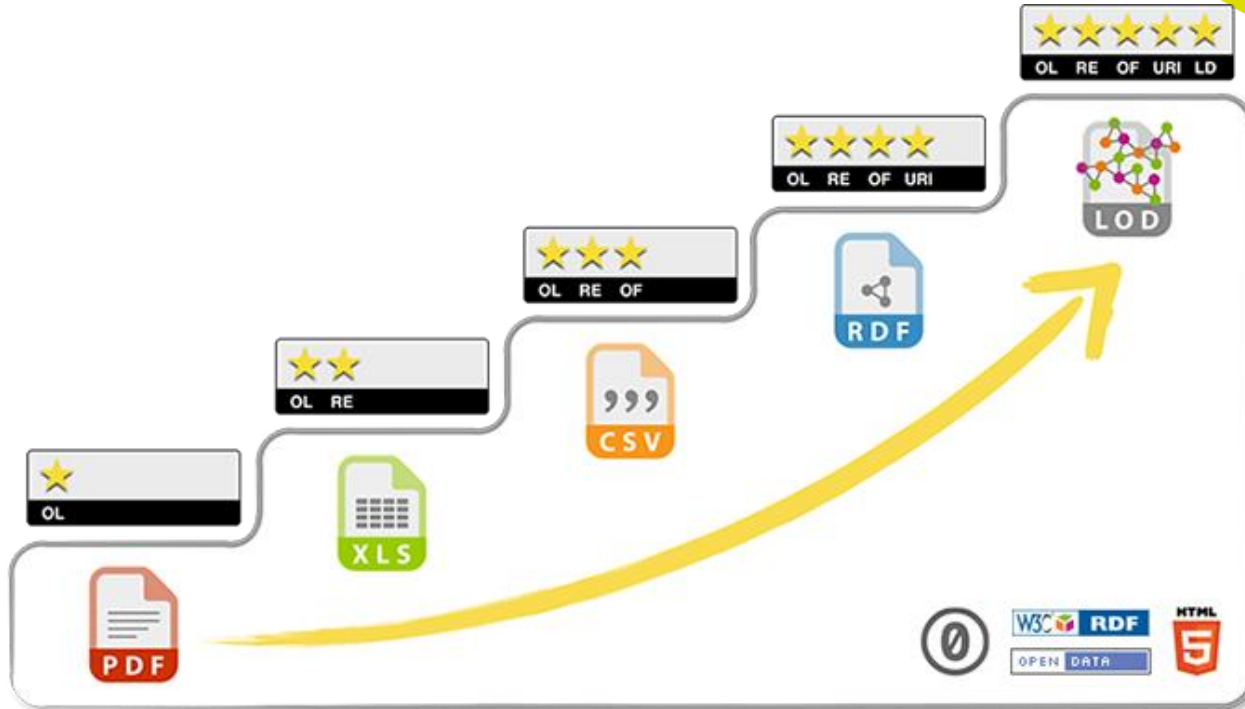
- Standard for topical keywords related to land governance
- Enriching vocabulary with help of Southern partners
 - Translations
 - Adding synonyms to reflect local usage of terms
 - **Smallholders input from ??? ;)**
- Makes information more easy to find.

Summary

- 1. Have you **published** information?
- 2. Have you specified your **license**?
- 3. Have you applied (some sort of) **structure** to your information?
- 4. Are you making use of **standards** to classify your information?

Linked Open Data

5 stars Linked Data



5 stars Linked Data

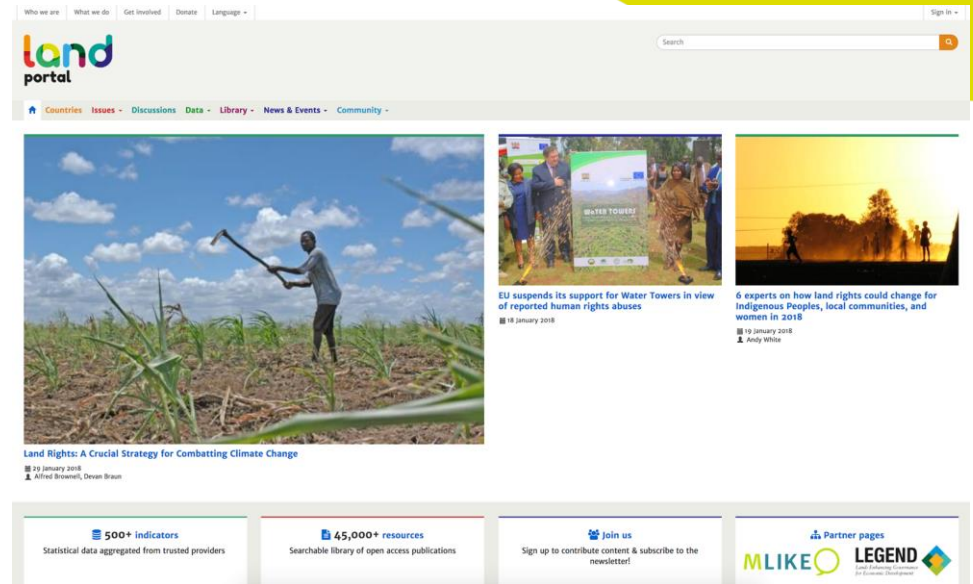
★	Available on the web (whatever format) <i>but with an open licence, to be Open Data</i>
★★	Available as machine-readable structured data (e.g. excel instead of image scan of a table)
★★★	as (2) plus non-proprietary format (e.g. CSV instead of excel)
★★★★	All the above plus, Use open standards from W3C (RDF and SPARQL) to identify things, so that people can point at your stuff
★★★★★	All the above, plus: Link your data to other people's data to provide context

The Land Portal's experience

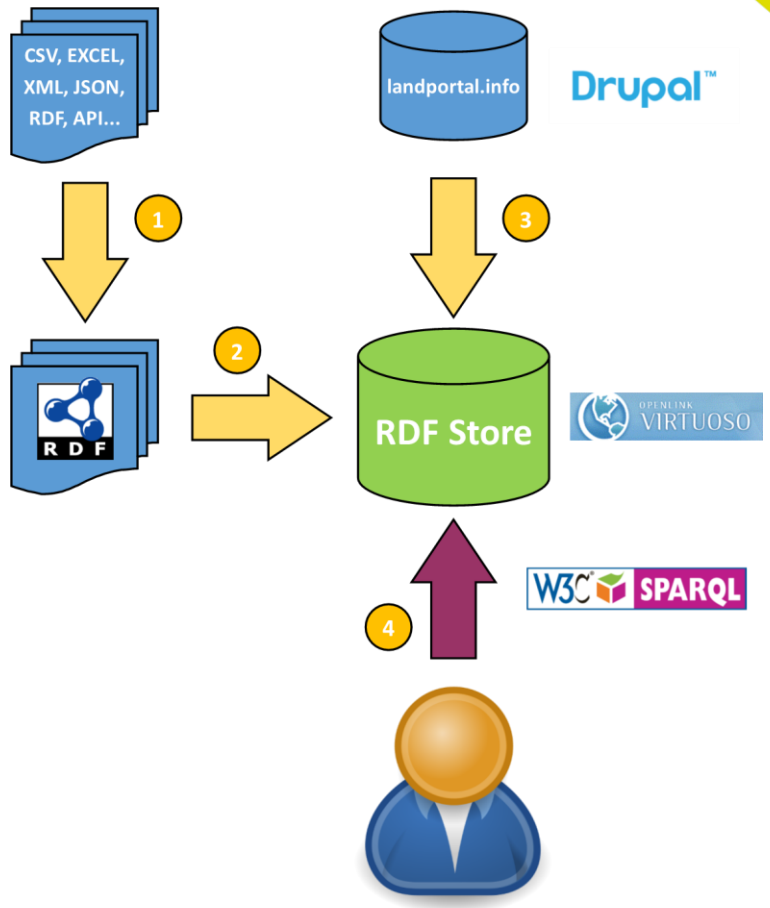
Land Portal website

www.landportal.org

- **What is the Land Portal?**
- **Aggregator** of information (bibliographic resources, statistical data...)
- **Access to and use of data** leads to **improved land governance**.



The screenshot shows the Land Portal website homepage. At the top, there is a navigation bar with links for 'Who we are', 'What we do', 'Get involved', 'Donate', and 'Language'. A search bar is located on the right. Below the navigation bar is the 'land portal' logo. A secondary navigation bar contains links for 'Countries', 'Issues', 'Discussions', 'Data', 'Library', 'News & Events', and 'Community'. The main content area features a large image of a person using a hoe in a field, with the headline 'Land Rights: A Crucial Strategy for Combatting Climate Change' and a date of '29 January 2018'. To the right, there are two smaller news items: 'EU suspends its support for Water Towers in view of reported human rights abuses' (dated 18 January 2018) and '6 experts on how land rights could change for Indigenous Peoples, local communities, and women in 2018' (dated 19 January 2018). At the bottom, there are four informational boxes: '500+ Indicators' (Statistical data aggregated from trusted providers), '45,000+ resources' (Searchable library of open access publications), 'Join us' (Sign up to contribute content & subscribe to the newsletter!), and 'Partner pages' (MLIKE and LEGEND logos).





Data Interoperability

Want to know more about this?

Webinar

[Data Interoperability: The Land Portal experience of open data management](#)

Thank you for your attention!

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