



# ODI Learning in Tanzania

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<http://tanzania.learndata.info/InADay>



# Introductions

Your name

What do you do?

What was your first experience of open data?

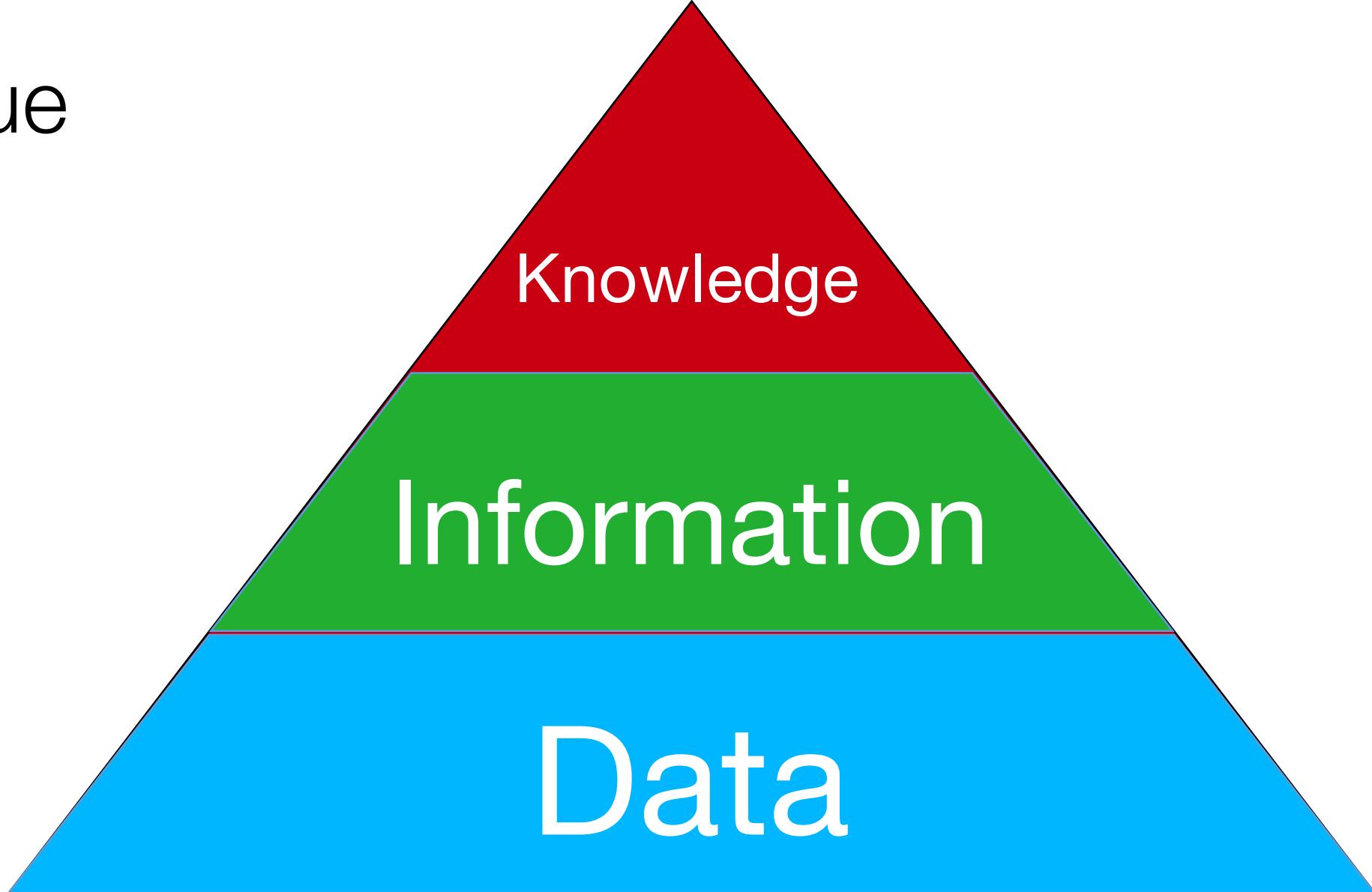


# Exercise

What is Data?



# Value



# Exercise

What is Open Data?



# Open Definition (v1)

A piece of data or content is open if **anyone** is **free to use**, **reuse**, and **redistribute** it - subject only, at most, to the requirement to attribute and/or share-alike.

- Open Knowledge

Retired August 2014



# Open Data Institute (v1)

Open data is information that  
is **available** for **anyone** to **use**,  
for **any purpose**, at **no cost**.

- Open Data Institute  
Retired November 2014



# Open Data Institute (v2)

Open data is data that is made **available** by  
**organisations**, **businesses** and **individuals** for  
**anyone** to **access**, **use** and **share**.

- Open Data Institute  
Introduced November 2014



# Open Data Institute (v3)

Data that **anyone** can **access**,  
**use** and **share**.

- Open Data Institute  
Introduced November 2014



data.gov.uk

Open data is data that is *published* in  
an *open format*, is *machine readable* and  
is published under a *license* that allows  
for *free reuse*.



opendata.go.tz

Data in ***machine-readable*** format that is ***publicly available*** under an “***open***” license that ensures it can be freely ***used, reused, redistributed*** by ***anyone*** for any ***legal*** purpose.



<http://tanzania.learndata.info/lnADay>



# Open data essentials

- ✓ Open data definitions
- ✓ Impact of open data
- ✓ Global impact
- ✓ Discovering
- ✓ Licensing
- ✓ Best practices
- ✓ Quality checking



# The impact of open data

We connect, equip and inspire  
people around the world  
to innovate with data



Data is the new raw material of the  
digital age



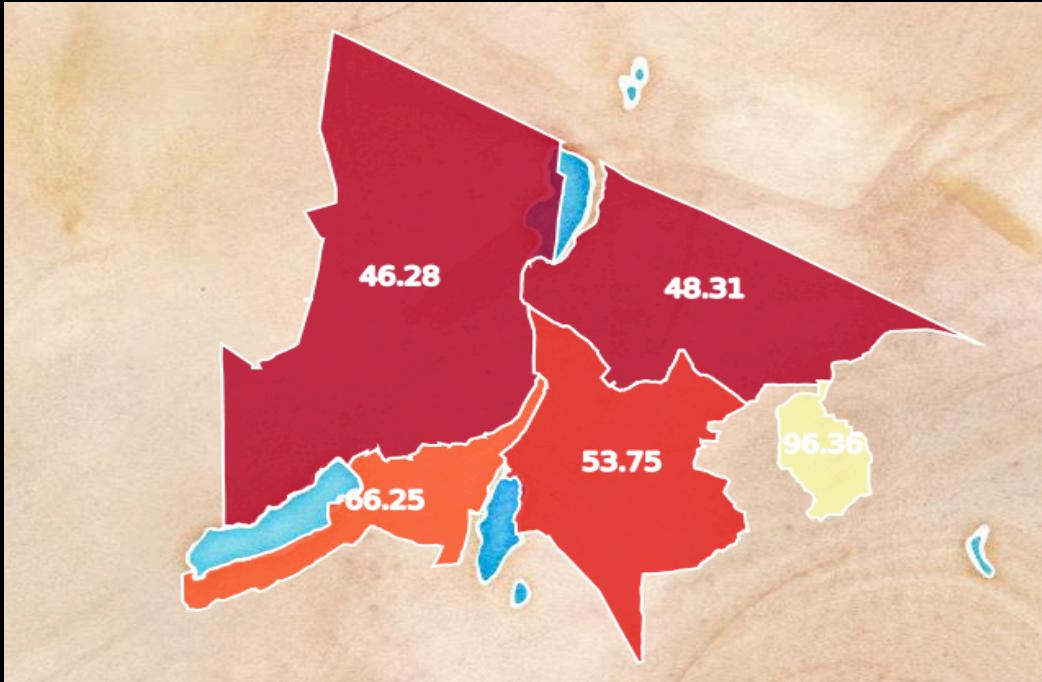


ONI



Open data gives access  
to the best medical care  
in your area

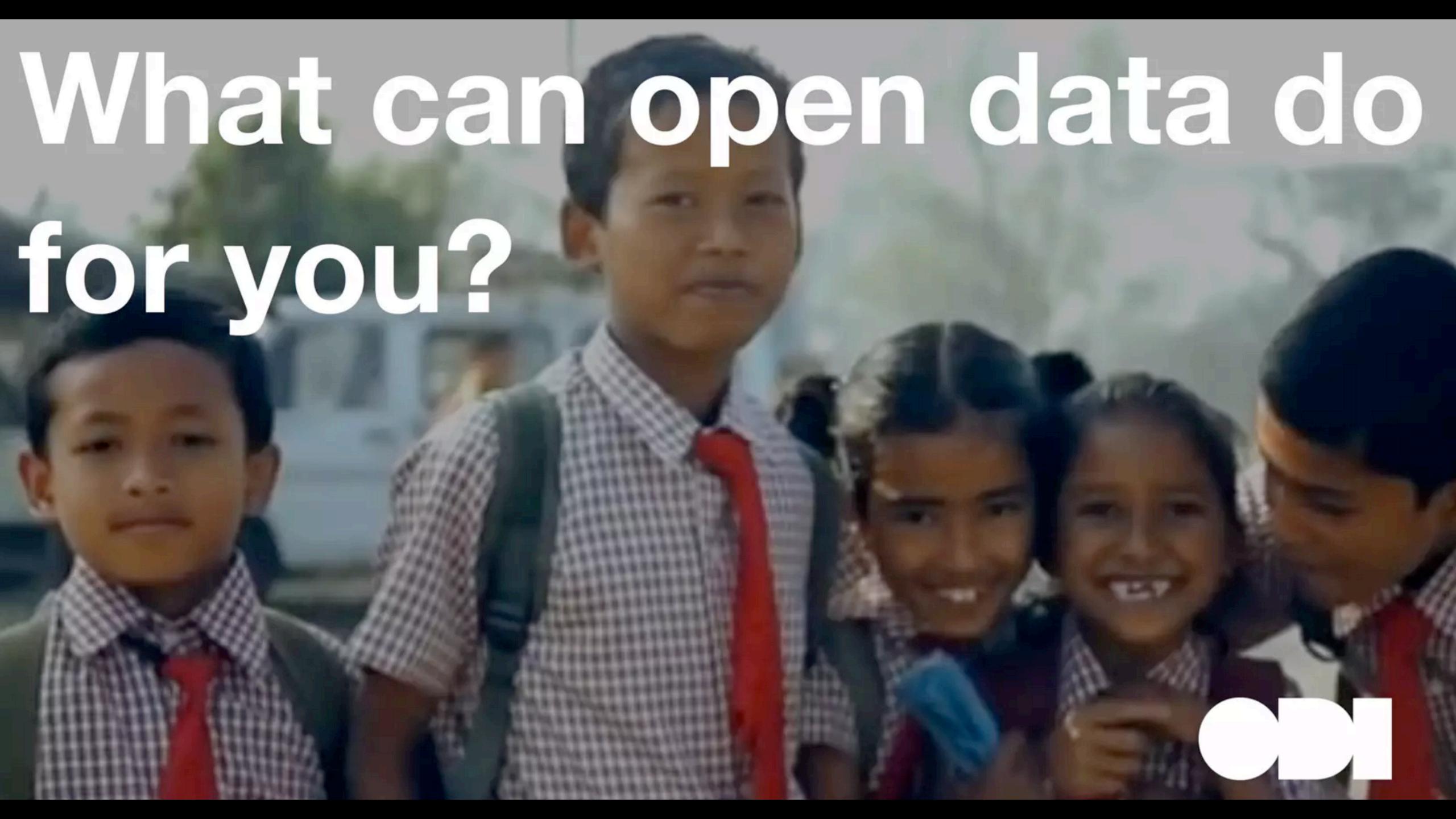
**ODI** open  
data  
institute / Knowledge  
for everyone



Arusha Region of Tanzania.  
50% of children aged 5-19 not in education in urban areas

Open data helps reveal  
regions underperforming  
in education



A group of diverse school children, including boys and girls of various ethnicities, are standing outdoors. They are wearing school uniforms consisting of white shirts with red ties and dark trousers. Some children have backpacks. They are looking towards the camera with neutral to slightly smiling expressions. The background is slightly blurred, showing what appears to be a school building or playground.

# What can open data do for you?



# Open Elections

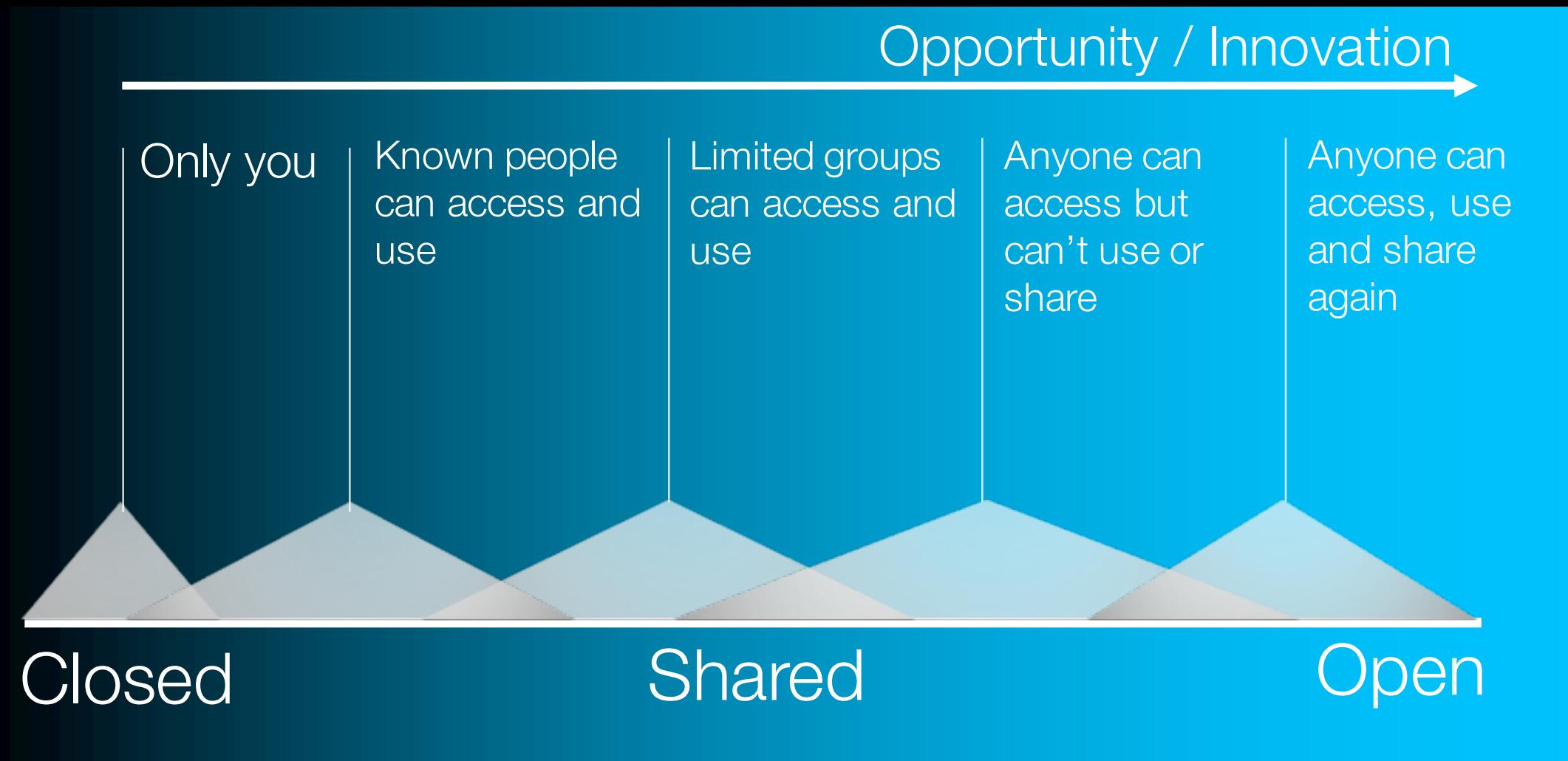


Open data helped deliver a stable transition to democracy in Burkina Faso



# Licensing Open Data





# Exercise

Build your own open data licence



# Some drafting tips

“Under this licence **you can:**”

[what is permitted?]

“**You must**, where you do any of the above:”

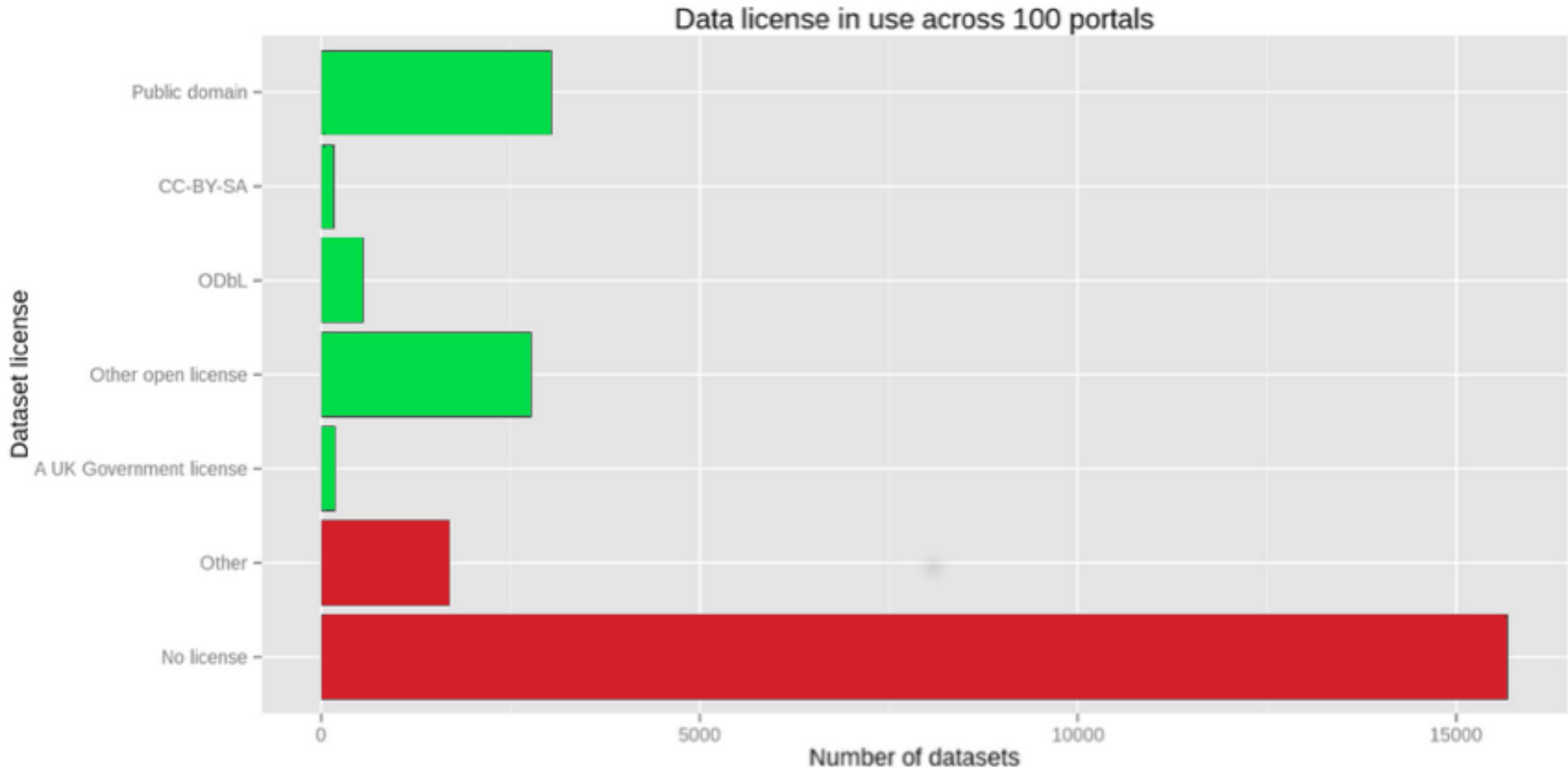
[do you have any restrictions?]

“**You must not**”

[explicit restrictions?]



# Open data is hardly ever appropriately licensed.



# The UK Open Government Licence

Version 3.0 released in October 2014

[http://www.nationalarchives.gov.uk/doc/open-government-  
licence/version/3/](http://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/)



# What does it permit?



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# The main alternative



Open and community developed; not controlled by a central agency or body.



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# Open data readiness



# Exercise

Data

Take a look at the **Health Facility List and Star Rating** dataset.

- Which regions worksheet is the best?
- How would you improve this spreadsheet to make it easier to use? TOP 3 Things



# Exercise

What makes data usable?



# Open Data Certificate



Bronze level

self certified

GB final

Embed this  
on your site

This data has achieved Bronze level on 29 March 2016 which means this data makes a great start at the basics of publishing open data.

## Grants to voluntary community and social enterprise organisations

### Summary

#### Type of release

ongoing release of a series of related datasets

#### Data Licence

UK Open Government Licence

#### Content Licence

Not Applicable

#### Verification

self certified

### General Information

This data is described at

<http://data.hounslow.gov.uk/View/loc...>

This data is published by

London Borough of Hounslow

The data is published on

<http://data.hounslow.gov.uk/>

### Legal Information

This data was

originally created or generated by its curator

The rights statement is at

<http://www.hounslow.gov.uk/index/c...>

This data is available under

UK Open Government Licence

There are

no rights in the content of the data



<http://certificates.theodi.org>



Content created by  
The Open Data Institute

# General

Title/Description/Publisher/URL



Release Type



# Legal

Rights to publish	•	•	•	•
Data licensed	•	•	•	•
Content licensed	•	•	•	•
Clear privacy statement	•	•	•	•
Sources of data documented		•	•	•
Audited anonymisation			•	•



# Practical

Usable period described



Availability period described



Discoverable from home page



Listed in collection



Referenced from publication/application



Quality problems listed



Quality control process described



# Technical

Data hosted online



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Type of data defined

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Machine readable metadata

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Clear technical documentation

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Persistent & common identifiers used

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•

5-Star Linked Data

•

Machine readable provenance

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Data can be verified

•

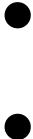


# Social

Support for improving/fixing



Email support



Discussion groups/forums



Social media channels



Supported community



Tools and guides available to work with data



# One Objective

Minimum Requirement



3-Star Data

Silver Open Data Certificate



# Open data toolkit

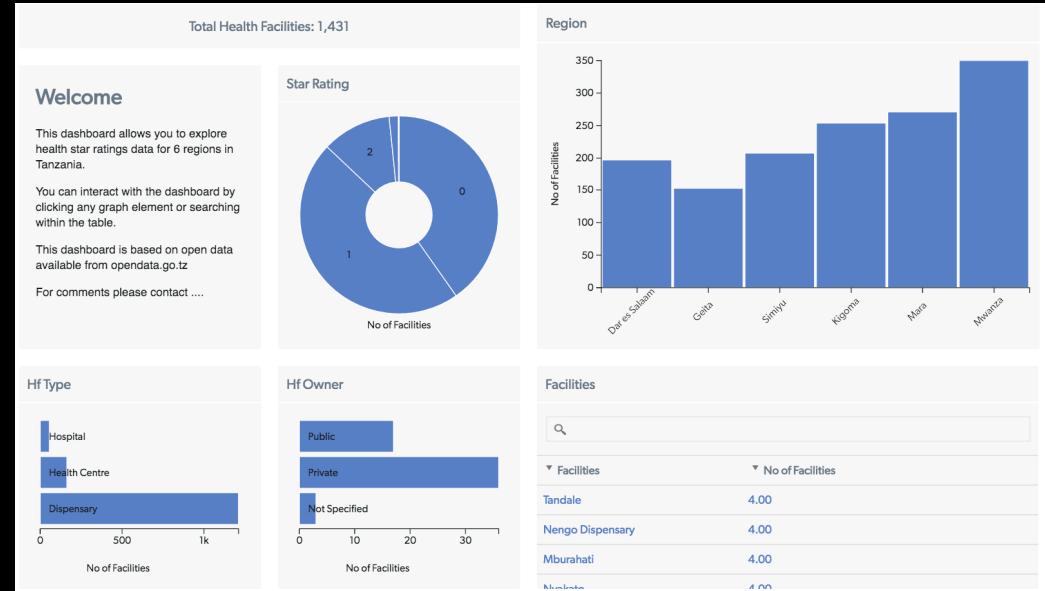




Open refine enabled 110 datasets to be confidently published in 42 days



# Visualisations of high quality data can be created in minutes with DataSeed.





Open tools and open data  
give everyone equal  
opportunity to open  
knowledge for everyone

**ODI** open  
data  
institute / **Knowledge  
for everyone**

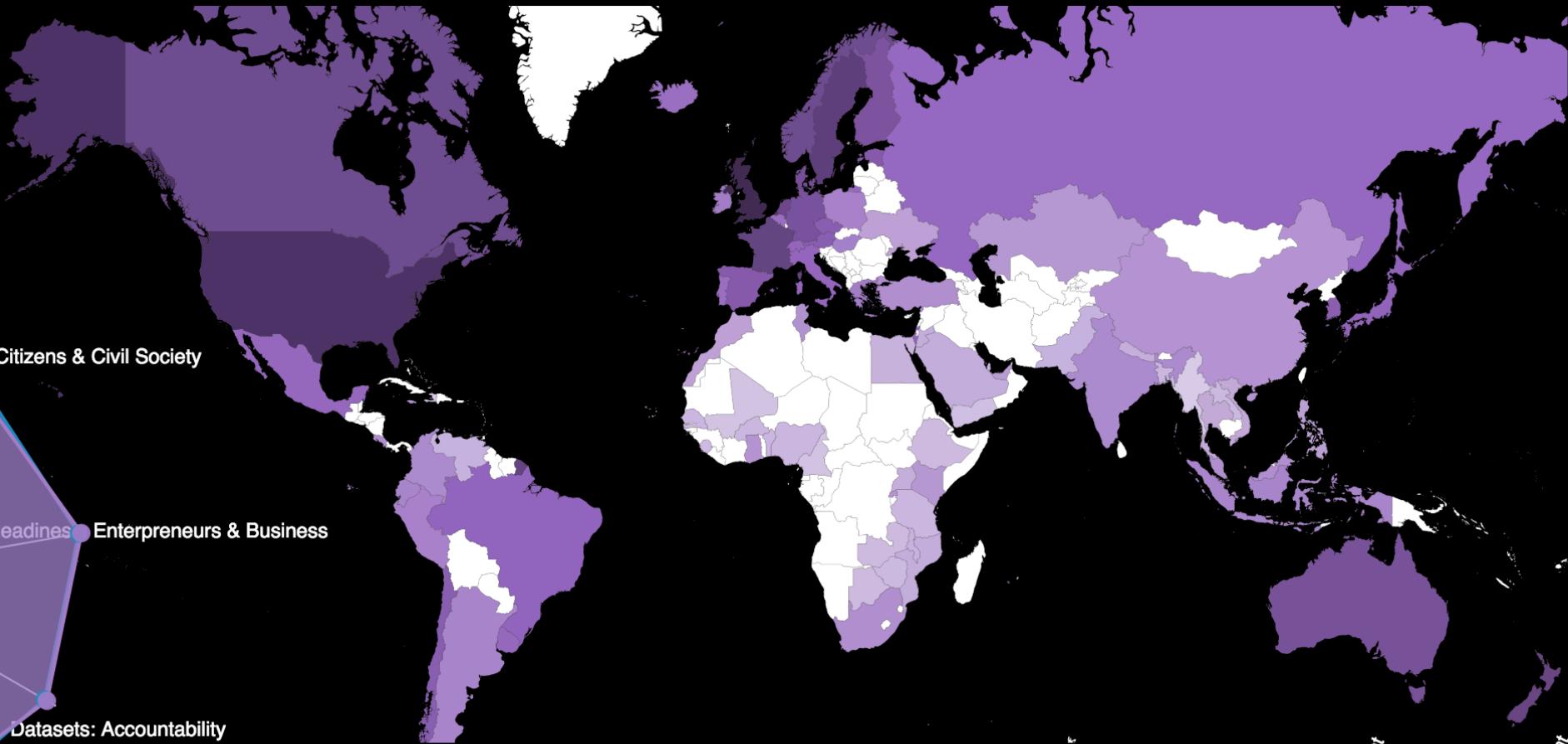
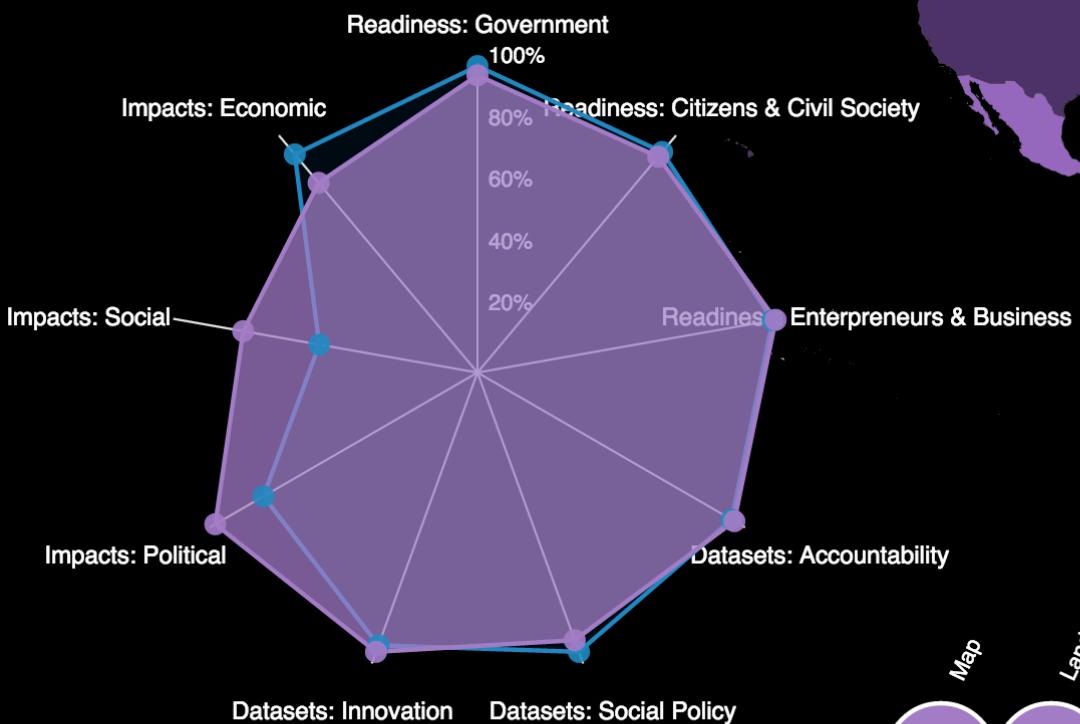
# Final thoughts



# United Kingdom

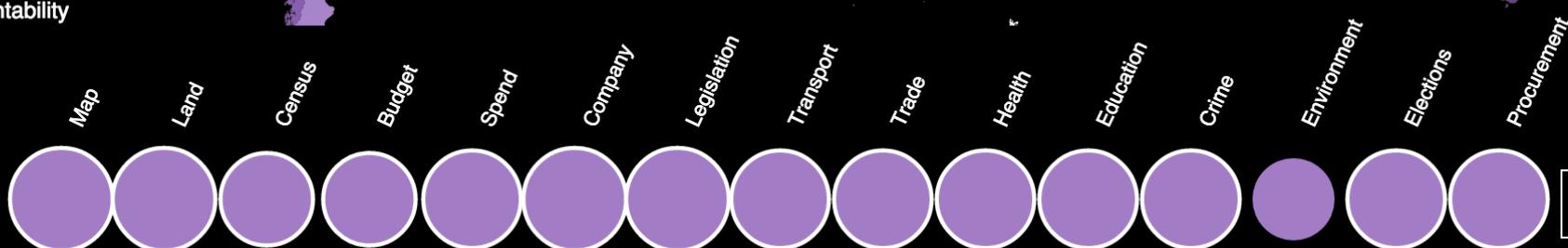
1 / 86  
Score: 100.00

Filters: Off



 OpenData  
Barometer

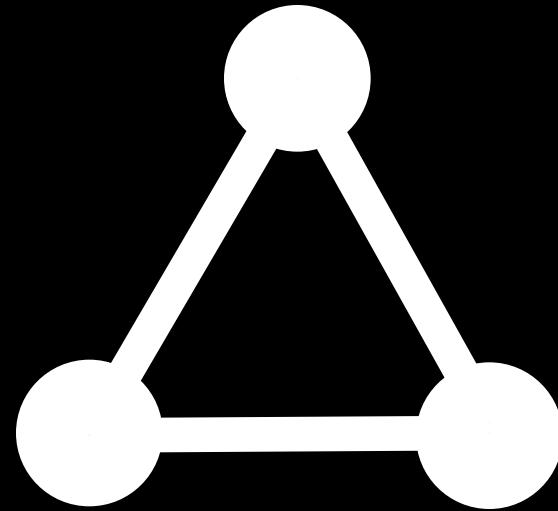
License: CC-BY-SA | Visualisation by [David Tarrant](#) | [Full report](#) | [Get the data](#)

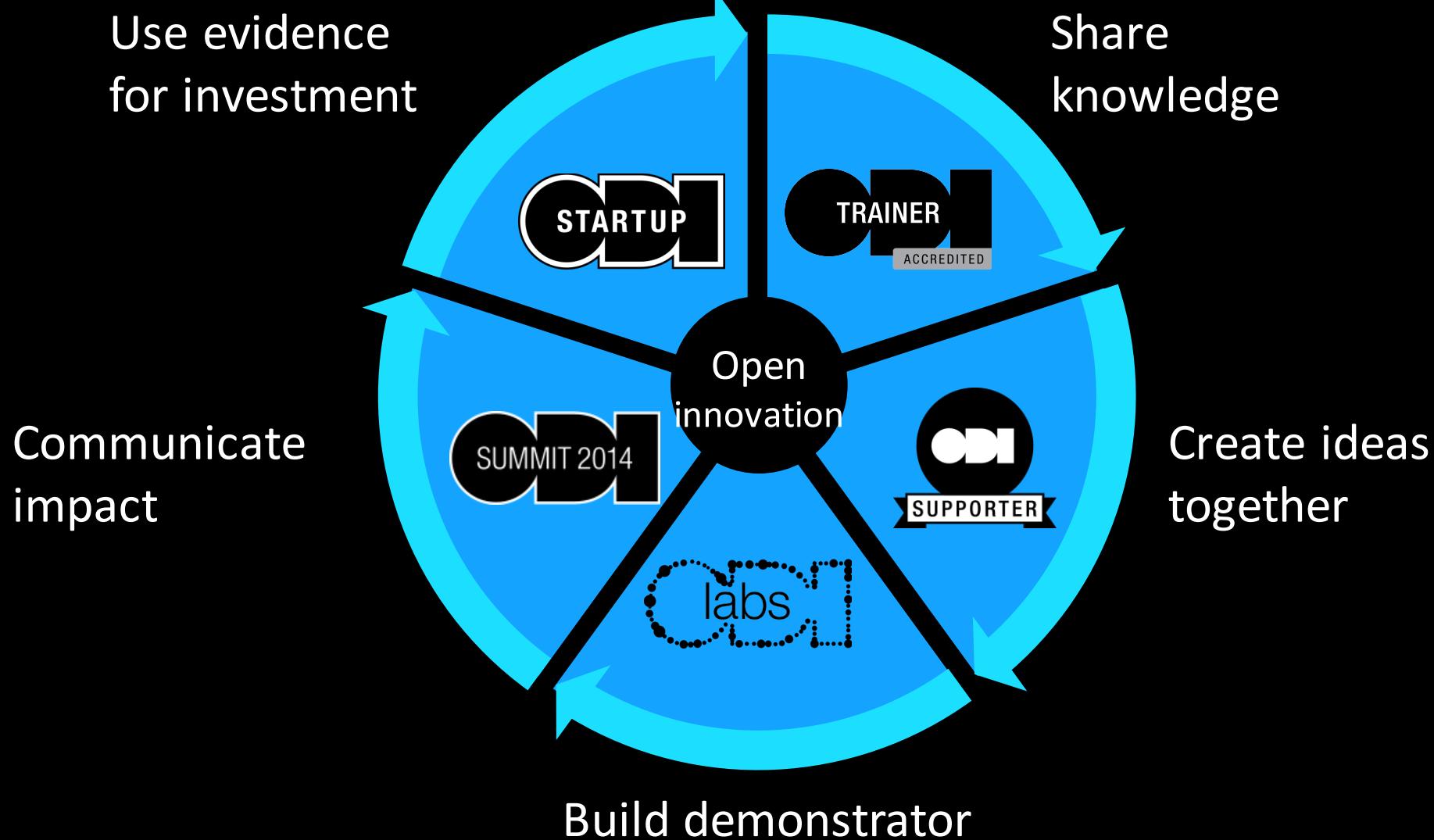


 open  
data  
institute

/ Knowledge  
for everyone

Your data increases in value  
the more it is connected





**ODI challenge**

143 ideas, 7 winners

€560K prizes

5-10x ROI

**ODI incubate**

€6.7M income

25 startups

170+ jobs

**ODI accelerate**

€5.5M fund

EU-wide reach

up to **10x ROI**



Helping businesses with successful open innovation programmes

Our challenge is to sustain over 7B people, while hitting peak ‘everything’ everywhere

