



### Portal

- <http://data.gov.ie/> launched in 2014
- Some regional and local portals e.g. Dublinlinked.ie



### Ranking

- Open Data Barometer Rank: #27
- Open Data Index Rank: #31


### Transposition PSI Directive

✓ Yes

Revised PSI Directive


### Open Data Policy

- ✓ Open Data policy in place
- ✓ National 5 year strategy
- ✓ 14 priority domains identified
- ✓ Pre-defined approach to ensure data sets are up-to-date
- ✓ More than 3 events held annually

97% 

### Licensing Norms

- ✓ Free of charge
- ✓ All Open Data is licensed
- ✓ Policy encourages to use CC-BY licence

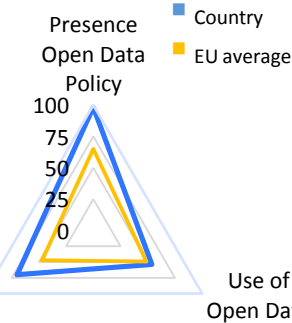
100% 

### National coordination

- ✓ National guidelines on publication
- ✓ Ireland's Open Data Portal contains data from national and local public bodies.
- ✓ All Open Data Initiatives apply to local authorities and their Open Data is linked to data.gov.ie

100% 


### Score Ireland



Country (blue line), EU average (yellow line)

### Usability of portal


- ✓ API accessible
- ✓ Possibility to give feedback
- ✓ Search data sets
- ✓ Download data sets
- ✗ Contribute to portal



### Use & Reusability of Open Data

- 3,471 (0.07% of inhabitants in Ireland) number of visitors on average per month
- Unknown percentage of visitors are foreign
- Unknown percentage of traffic generated by humans
- Typical profile of visitors is unknown
- Most data sets are available in JSON format
- 100% of the data sets are machine readable

4415 data sets available


63% 

### Top data set & domains

- Most downloaded data set: real time travel information for bus and rail.

Top 5 most consulted domains:

1. Transport and Infrastructure
2. Crime and Justice
3. Statistics
4. Geospatial
5. Health





## Impact

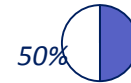
### Political:

- Activities launched since 2014 to monitor impact
- High impact efficiency
- High impact transparency



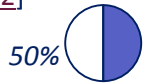
### Social:

- High impact environmental sustainability
- Unknown impact inclusion of marginalized groups



### Economic:

- Unknown studies market value
- Two studies better service delivery [1,2]
- Portal funded by public authority



## Barriers

### Further publication

For further publication four potential barriers are addressed.

- Political barrier:** Need to establish high level support across all public service areas.
- Legal barrier:** Ensuring that Data Protection law is not breached through irrevocable anonymisation of datasets and that appropriate licence is applied.
- Technical barrier:** Ensuring that data is published in appropriate formats in compliance with the Open Data Technical Framework.
- Financial barrier:** Ensuring that appropriate resources are available to public bodies publishing open data.

### Further use

For further use various potential barriers are being addressed.

- Little awareness:** Building the collaborative approach between data publishers and data users.
- Low availability:** Initially a limited number of datasets was available.
- Legal barrier:** During the first half of 2015, there was a more restrictive licence than a real “open” licence
- Technical barrier:** Ensuring that data is released in appropriate open formats.
- Financial barrier:** Demonstrate potential economic value to data re-users and incentivise engagement in the short to medium term to build use cases.



## Best practices

- National Statistics:** Easy access to high quality Open data for use, re-use and redistribution.
- Work Catchments Mapping Tool:** A tool map to travel to work catchments. Visualisation of the workforce catchment, resulting in political, social and economical benefits.

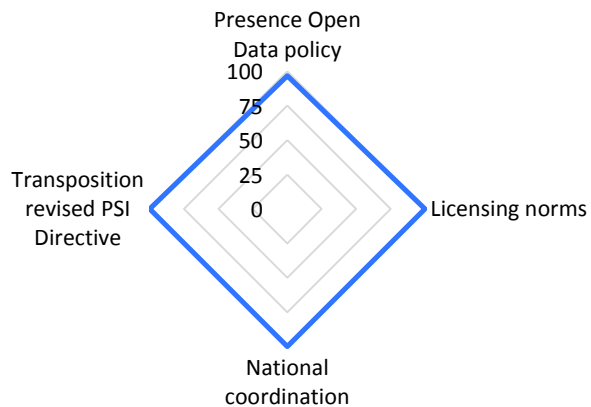


## Progress on barriers

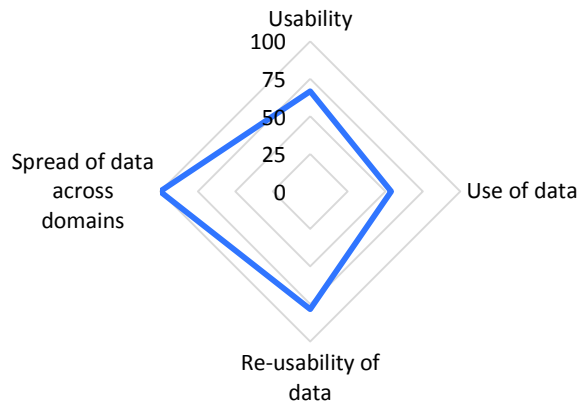
- All four barriers existing for further publication, are addressed. For example to overcome the technical barrier, the Technical Framework for Open Data was published, which underpins the publication of Open Data.
- Multiple barriers preventing further use were addressed. For example the adoption of CC-BY licence to overcome the legal barrier.



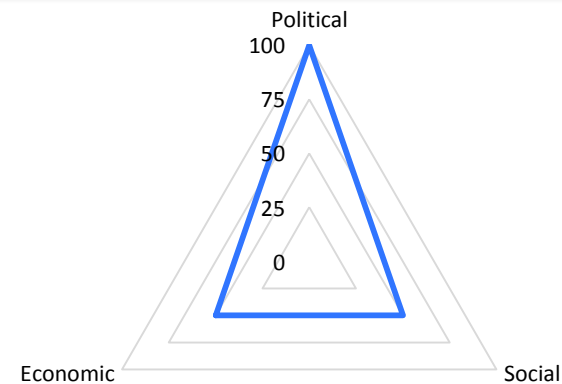
## Open Data Readiness



## Open Data Usability



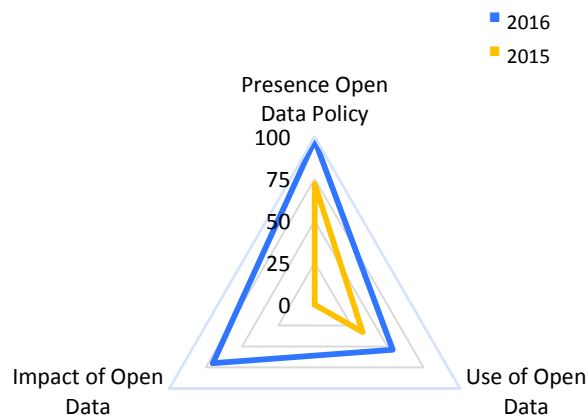
## Open Data Impact



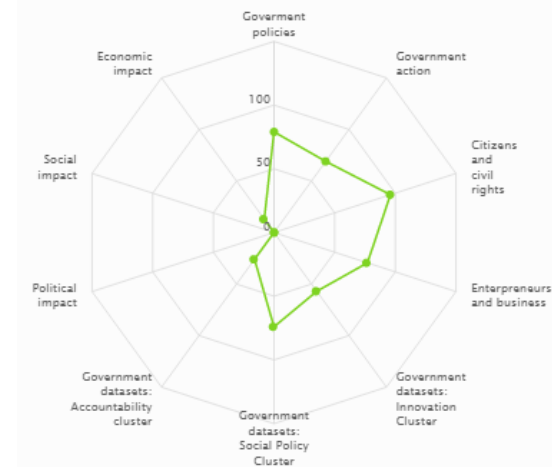
## Major changes 2016

- Impact of Open Data has increased significantly due to the publication of two studies on better service delivery and because of the high political impact of Open Data on government efficiency and effectiveness and the high social impact on increasing transparency and accountability.
- The use of Open Data has increased, partly due to the monitoring of the number of visitors on the portal.
- The presence of an Open Data Policy has increased because Ireland now has a pre-defined approach to ensure that data sets are up-to-date.

## Score comparison 2016/2015



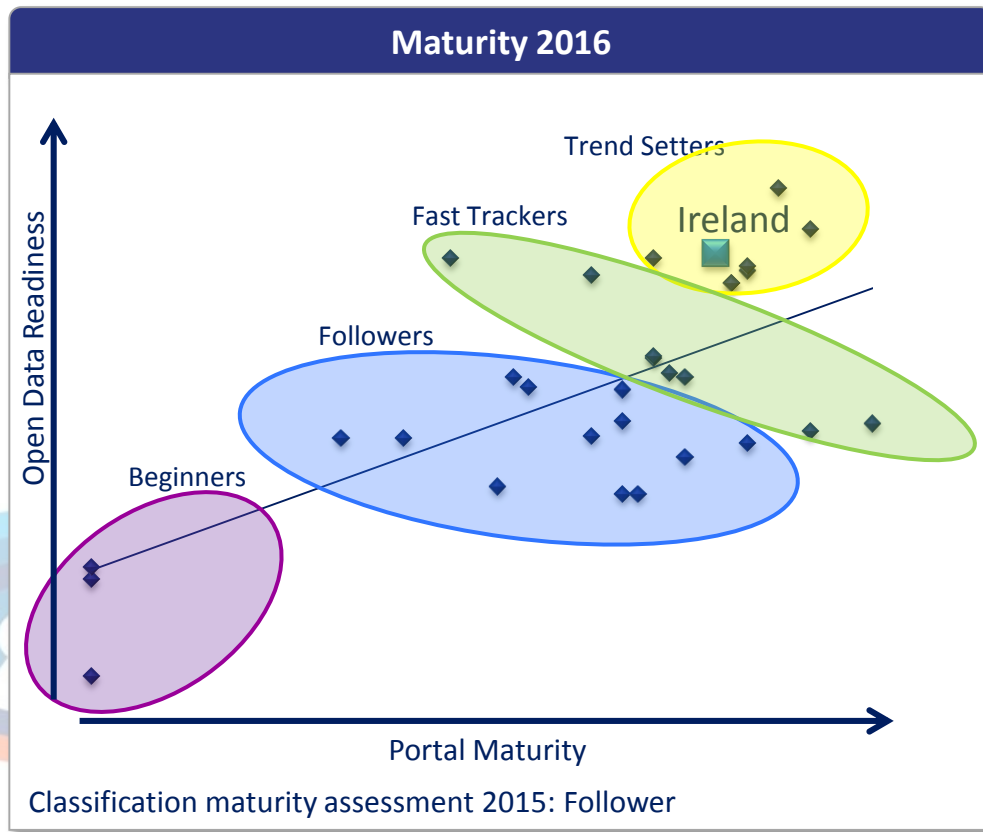
## Open Data Barometer





### Print screen portal

The screenshot shows the Ireland's Open Data Portal interface. At the top, it says 'DATA.GOV.IE' with navigation links for Home, Datasets, Publishers, Suggest Dataset, Resources, About Us, and More. A search bar is present with the text 'Search Datasets...'. Below this, a banner reads 'IRELAND'S OPEN DATA PORTAL' with the tagline 'Promoting innovation and transparency through the publication of Irish Public Sector data in open, free and reusable formats.' It features statistics: 4415 Datasets and 86 Publishers, with an 'Explore Datasets' button. A grid of categories includes Agriculture, Arts, Crime and Justice, Economy and Finance, Education, Energy, Environment, Government and Public Sector, Health, Housing and Zoning, Population and Society, Science and Technology, Towns and Cities, and Transport. Three data visualizations are shown at the bottom: 'Third-Level Enrolment Data' (line graph), 'VAT Registrations by Sector Data' (pie chart), and 'Pupil-Teacher Ratio Data' (line graph).



### Next steps

- Work together with mapping institution on geospatial strategy which will contain good standards for spatial data
- Work on user interface of national portal

### Upcoming events

- 30 Aug – 1 Sept 2016, Open Data information stand at the UN 3<sup>rd</sup> International Conference on Big Data for Statistics, in Dublin
- Open Data conference expected to take place later this year