



Finland – Overview



Portal

- www.avoidata.fi/en launched in 2014
- EU funded project 2014-2020: Six City Strategy



Ranking

- Open Data Barometer Rank: #20
- Open Data Index Rank: #5


Transposition PSI Directive

✓ Yes

Revised PSI Directive

Open Data Policy


- ✓ Open Data policy in place
- ✓ National 5 year strategy
- ✓ Priority domains identified
- ✓ More than 3 events held annually
- ✓ Pre-defined approach to ensure data sets are up-to-date
- ✗ 25-49% data uploaded automatically



88%

Licensing Norms

- ✓ 100% free of charge
- ✓ 100% open licensed
- ✓ Policy encourages to use CC BY 4.0 licence



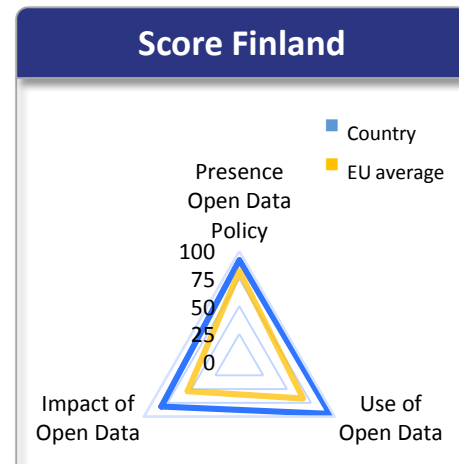
100%

National coordination

- ✓ National guidelines on publication
- ✓ Many regional data initiatives
- ✓ All regional initiatives coordinated at national level
- ✓ All regional portals integrated




100%



Usability of portal


- ✓ API accessible
- ✓ Possibility to give feedback
- ✓ Contribute to portal with login
- ✓ Search data sets
- ✓ Download data sets
- ✓ ≥90% of the data sets are machine readable



Use & Reusability of Open Data

- 10,000 (0.18% of inhabitants in Finland) unique visitors on average per month
- 15% of the visitors are foreign
- 85% proportion of traffic generated by humans
- Typical profile of visitors is a bit of everything
- Most data sets are available in pxweb format
- Data published by other administrations is re-used


1744 data sets available



92%

Top data set & domains

- Most often downloaded dataset: registry of Finnish names
- Priority domains: geospatial, earth observation, transport and infrastructure



Top 5 most downloaded domains: Unknown



Impact

Political:

- No activities launched since 2015 to monitor impact
- Low impact efficiency
- High impact transparency



Social:

- Medium impact environmental sustainability
- High impact inclusion of marginalised groups



Economic:

- One study market value [1]
- One study better service delivery [1]
- One other study [1]
- Marginal (Zero) Cost Model



Barriers

Further publication

For further publication legal, technical and financial barriers exist.

- Legal barrier:** Re-use and publication of public sector information is regulated by several laws and decrees.
- Technical barrier:** Barrier exists for the publication of data sets with sensitive information. Actions will be planned to address this issue
- Financial barrier:** Barrier to publish base register data free of charge. Also, costs for the renewal of the old technical systems and their interfaces are barriers.

Further use

For further use a financial barrier exists.

- Financial barrier:** This barrier is smaller now than before because a lot of public sector data has been opened free of charge. However, there are still paid registers for the use. Especially for smaller companies, some researchers and citizens charges are a barrier preventing Open Data to be re-used.



Best practices

- Semantic Finlex:** The Ministry of Justice has published the whole Finnish legislation in linked data format. Linked data format creates novel possibilities to utilise legislation in a digital context, creating political, social and economical benefits.
- Vaunu.io:** Vainu crawls through open and public data to identify the best sales leads. Vaunu is a very fast growing start-up.

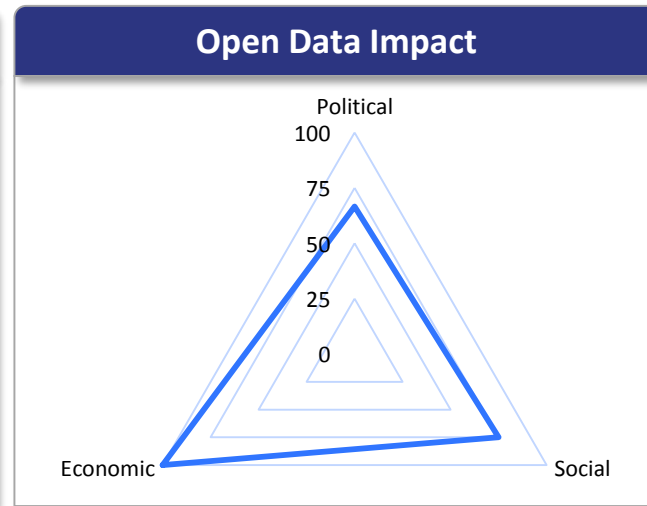
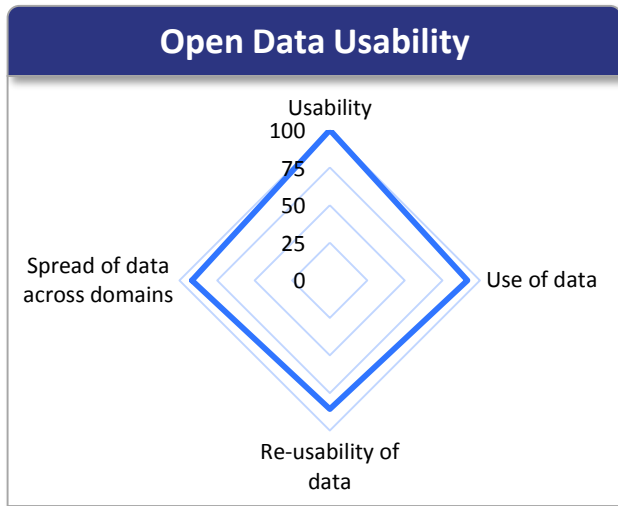
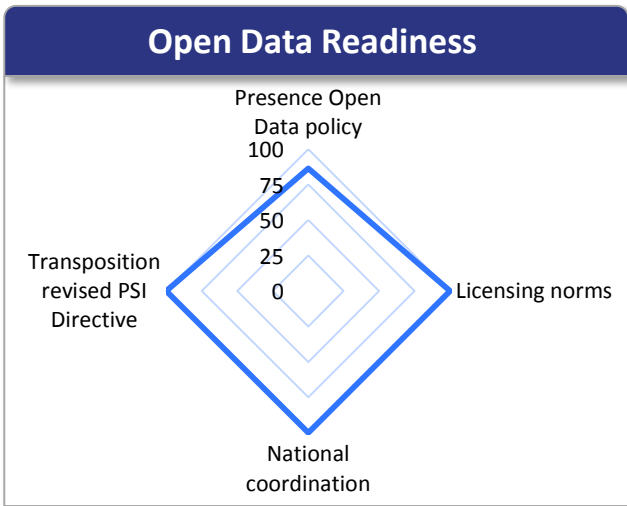


Progress on barriers

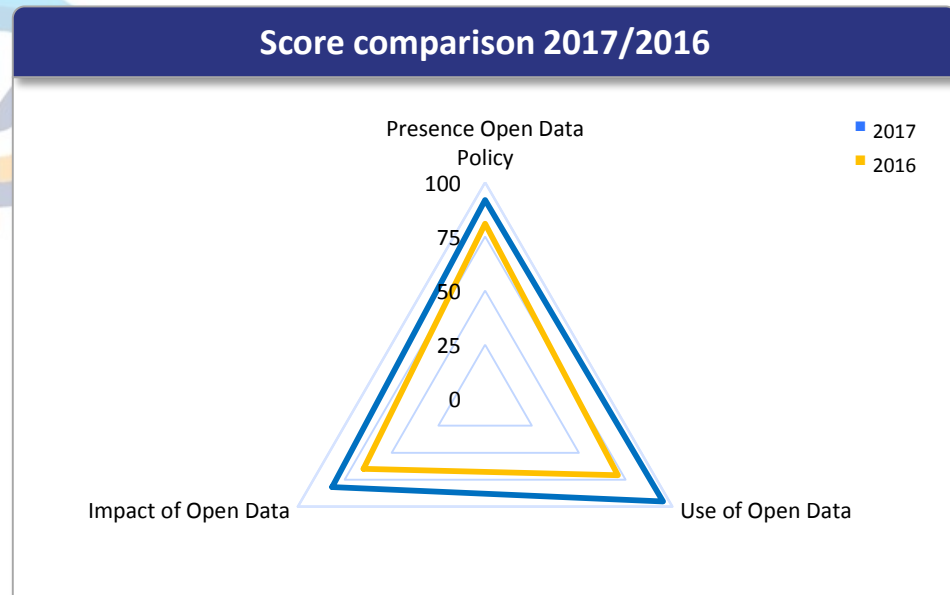
- Actions have been undertaken to overcome all three barriers to increase further publication. Guidelines were published, trainings offered, further development of the national Open Data Portal, more research for the decision-making has been done, legislation on information management is being developed.
- The financial barrier preventing re-use is addressed by doing more research on this problem to take into account during decision making and developing legislation.



Finland – Rankings



- ### Major changes 2017
- The Presence of an Open Data policy has increased, thanks to having a policy to ensure data sets are up-to-date, Open Data now being used in decision-making and thanks to a fully mature national coordination.
 - The Use of Open Data has increased most significantly, thanks to having more unique visitors per month and to more foreign visitors. More, in Finland approximately 85% of traffic is generated by humans.
 - The Impact of Open Data has increased, thanks to an increase in the economic and social impact of Open Data on society. The political impact has remained the same as in 2016.





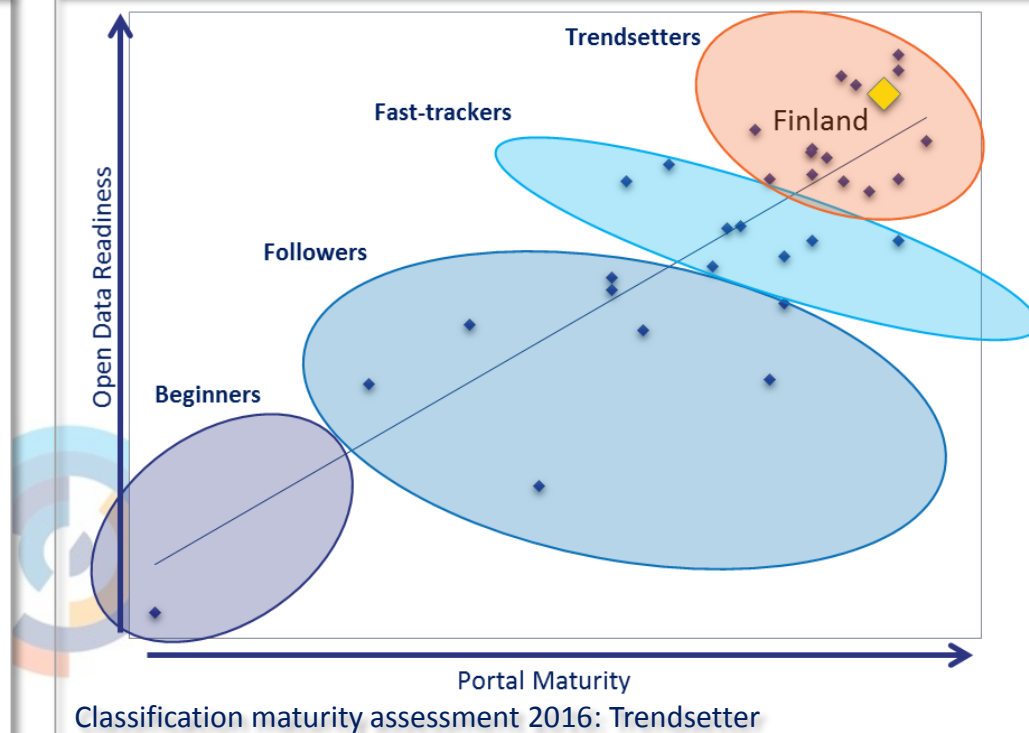
Finland – Conclusion



Print screen portal

The screenshot shows the Avoindata.fi portal interface. At the top, there is a navigation bar with 'HOME', 'DATASETS', 'ORGANIZATIONS', 'PUBLISH DATASETS', 'TRAINING', 'ABOUT US', and 'GUIDE TO OPEN DATA'. Below this is a search bar with the text 'Search datasets...' and a 'Log in' button. A 'Register' button is also visible. The main content area is divided into several sections: 'News' with a list of recent updates, 'Latest datasets' with a list of current datasets, 'Most popular datasets' with a list of popular datasets, and 'Lisätietoja' (Additional information) with a list of related resources. There is also a Twitter feed showing tweets from @avoindatafi.

Maturity 2017



Next steps

- Develop legislation on information management on the digital era. This is part of the current government programme.



Upcoming events

- 30 August – 1 September 2017: [MyData Conference 2017](#)
- 30 November – 1 December 2017: [Slush 2017](#)