



# Finland – Overview

### Portal

- [www.avoindata.fi/en](http://www.avoindata.fi/en) launched in 2014
- EU funded project 2014-2020: [Six City Strategy](#)



### Ranking

- [Open Data Barometer Rank](#): #11
- [Open Data Index Rank](#): #5


### Transposition PSI Directive

✓ Yes

Revised PSI Directive

### Open Data Policy


- ✓ Open Data policy in place
- ✓ National 5 year strategy
- ✓ Four priority domains identified
- ✓ More than 3 events held annually
- ✗ No pre-defined approach to ensure data sets are up-to-date



79%

### Licensing Norms


- ✓ Free of charge
- ✓ Open licensed
- ✓ Policy encourages to use CC BY 4.0 licence



100%

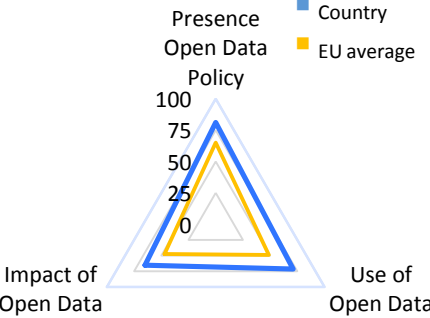
### National coordination

- ✓ National guidelines on publication
- ✓ Many regional data initiatives
- ✓ Few regional portals integrated



77%

### Score Finland



Presence of Open Data Policy


Impact of Open Data

Use of Open Data

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

### Usability of portal


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



### Use & Reusability of Open Data

- 6,700 (0.11% of inhabitants in Finland) unique visitors on average per month
- 1.5% of the visitors are foreign
- Unknown proportion of traffic generated by humans
- Typical profile of visitors is a bit of everything
- Most data sets are available in pxweb format
- Unknown percentage of data sets machine readable


**1475** data sets available



74%

### 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:

- Activities launched since 2015 to monitor impact
- Low impact efficiency
- High impact transparency



### Social:

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



### Economic:

- One study market value [1]
- Multiple studies better service delivery
- No other studies
- 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 little awareness is a barrier.

- Little awareness:** It is necessary to ensure a continuous dialog with data users and data providers to stimulate the re-use of data.



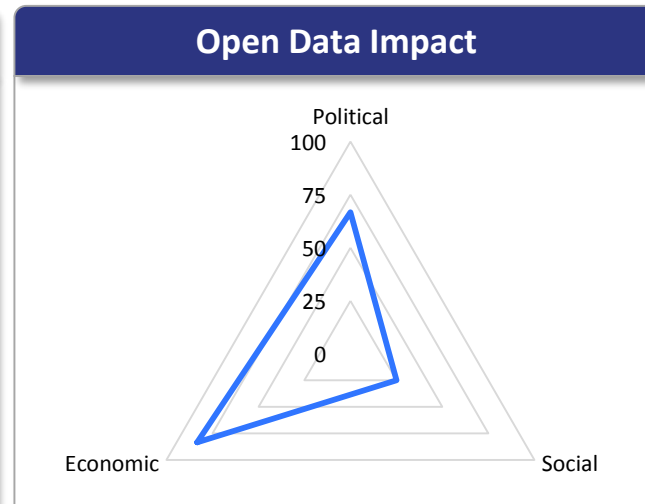
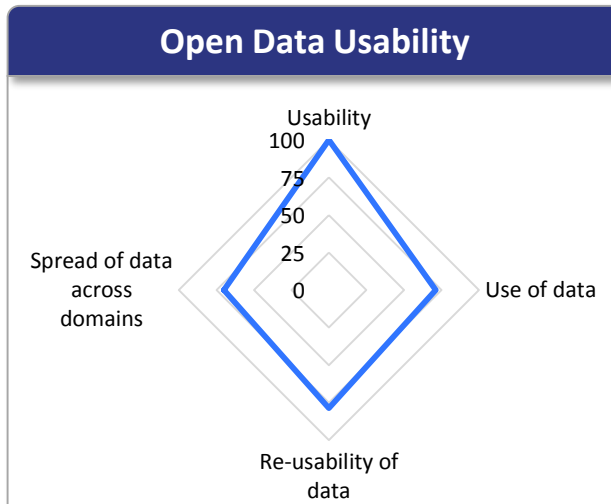
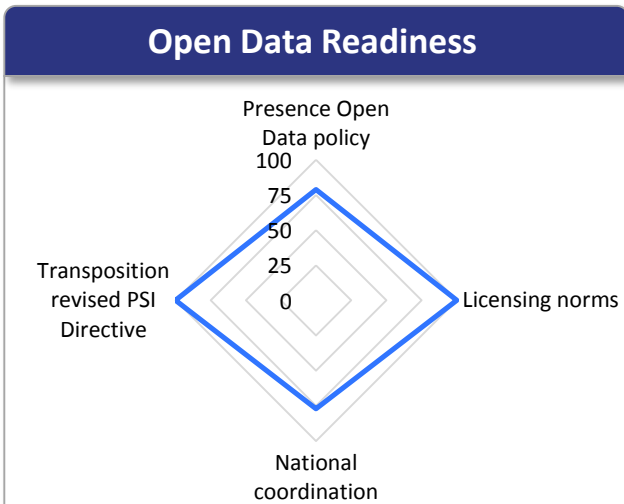
## Best practices

- 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.
- Miils service:** Miils service helps people to create healthier meals, for example people with a special diet. The service uses the Fineli database, the National Food Composition Database.

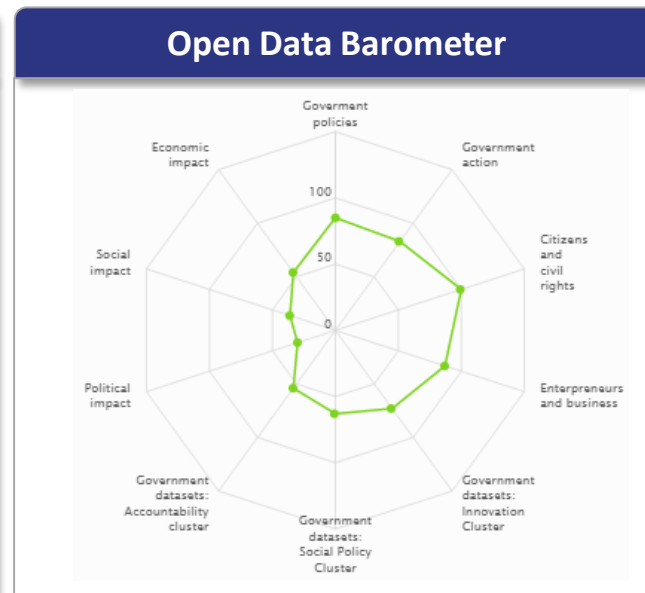
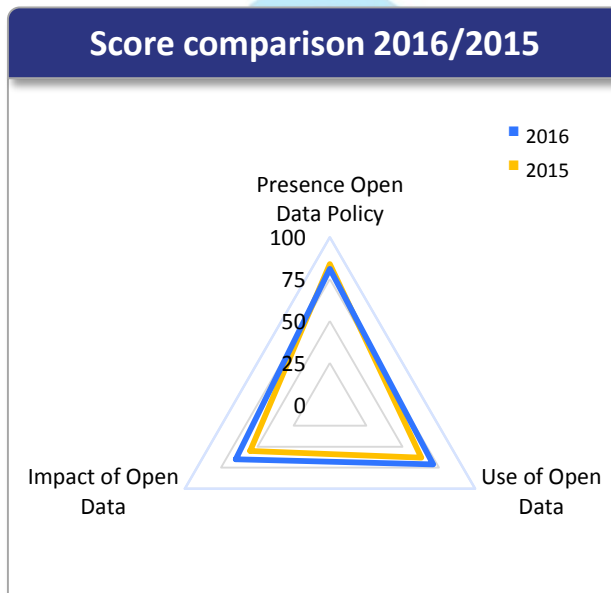


## Progress on barriers

- Actions have been undertaken to overcome all three barriers to increase further publication. For example evaluation of the legislation related to public sector information management has started and an Open Data Guide has been developed.
- Several events are organised to increase awareness of Open Data in Finland.



- ### Major changes 2016
- Impact of Open Data slightly increased due to the activities that have been undertaken since previous landscaping, to monitor impact.
  - Use of Open Data slightly increased since it is now possible due track the number of foreign visitors on the portal and because the percentage of data sets that is machine readable is now known.

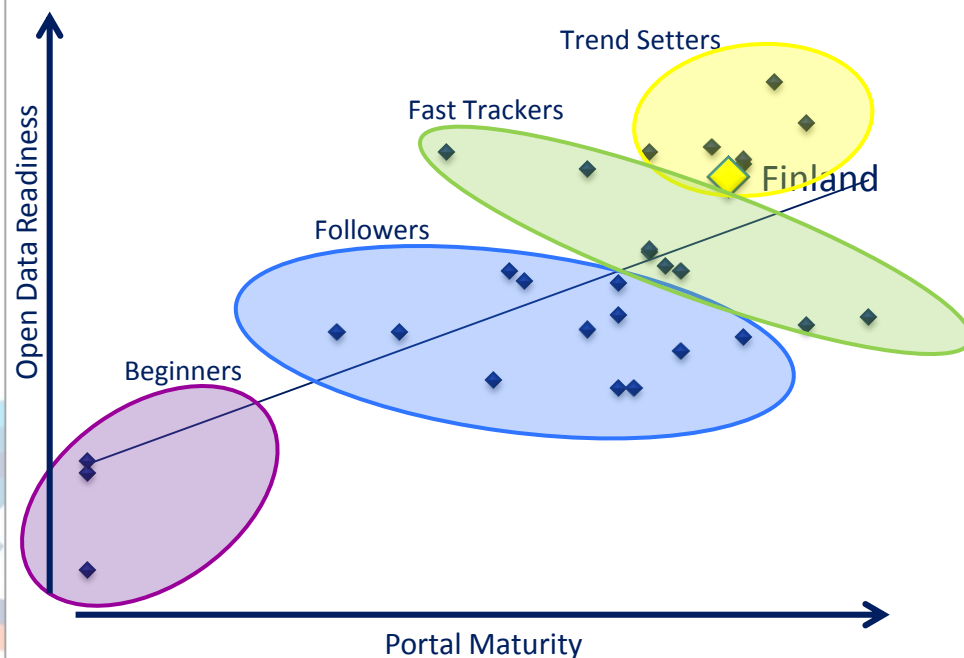




## Print screen portal

The screenshot shows the Avoindata.fi portal interface. At the top, there is a navigation bar with links for Home, Data Repositories, Organizations, Publish Datasets, Training, About us, and Feedback. Below this is a search bar and a 'Getting started' section with a 'Register' button. The main content area is divided into sections for 'Open Data datasets' (listing 1757 datasets), 'Latest datasets' (listing various datasets like 'Yleiskarttasteri 1:1 000 000'), and 'Most popular datasets' (listing 'Väestötietojärjestelmän suomalaisten nimilaineistot'). There is also a 'News' section with a link to 'Feedback about Finnish open data service'.

## Maturity 2016



Classification maturity assessment 2015: Trendsetter



## Next steps

- Develop guidelines around (the use) of Open Data
- Harvest the data of the environmental agency



## Upcoming events

- Open Finland challenge, autumn 2016