



Sweden – Overview

Portal

- <http://opnadata.se/> launched in November 2013

Ranking

- Open Data Barometer Rank: #9
- Open Data Index Rank: #27

Transposition PSI Directive

✓ Yes

Revised PSI Directive

Open Data Policy

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

76%

Licensing Norms

- ✓ Policy encourages to use open licences (CC)
- ✗ Not all data is free of charge
- ✗ Not all data is open licensed

21%

National coordination

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

31%

Score Sweden

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

Usability portal

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

Use & Re-usability of Open Data

- 330 (0.003% of inhabitants in Sweden) unique visitors on average per month
- 10-20% of visitors are foreign
- Proportion of human traffic is unknown
- Typical profile of visitors is a bit of everything
- Most data sets are available in JSON format
- 26% of data sets are machine readable

280 data sets available

36%

Top data set & domains

- Most downloaded data set: Unknown

Top 5 most consulted domains:

1. Transport
2. Finance
3. Environment
4. Geospatial
5. Statistics



Impact

Political:

- Activities launched since 2015 to monitor impact
- Unknown impact efficiency
- Unknown impact transparency



Social:

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



Economic:

- No studies market value
- Unknown studies better service delivery
- Studies on status of Open Data [\[1,2\]](#)
- Marginal (Zero) Cost Model



Barriers

Further publication

For further publication political and other barriers exist.

- Technical barrier:** Lack of common technical formats and specifications.
- Financial barrier:** No details given.
- Other barrier:** Privacy and Security aspects should always be in consideration when publishing datasets.

Further use

For further use low availability is present.

- Low availability:** Low pressure to publish, this is a question of priority and monitoring.



Best practices

- Swedish EPA:** Lots of Open Data available, without sensitive information. The environment actors have a common national strategy that includes Open Data. This will lead to environmental benefits.
- Samtrafiken.se:** GTFS format is used to publish every time table for every transport actor in the country. A common body collects and standardizes the information to one single format.

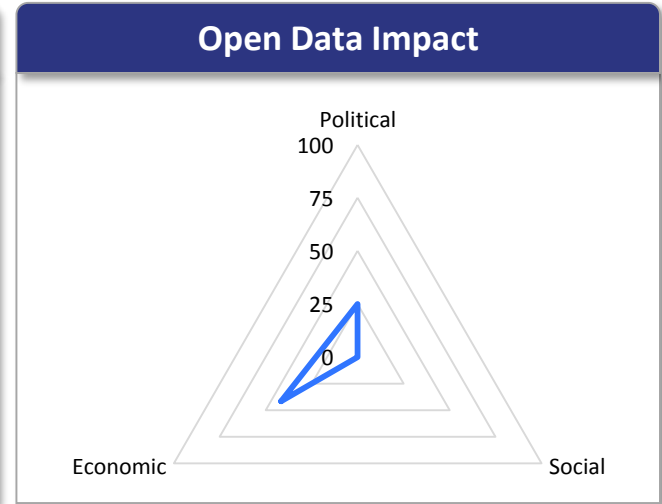
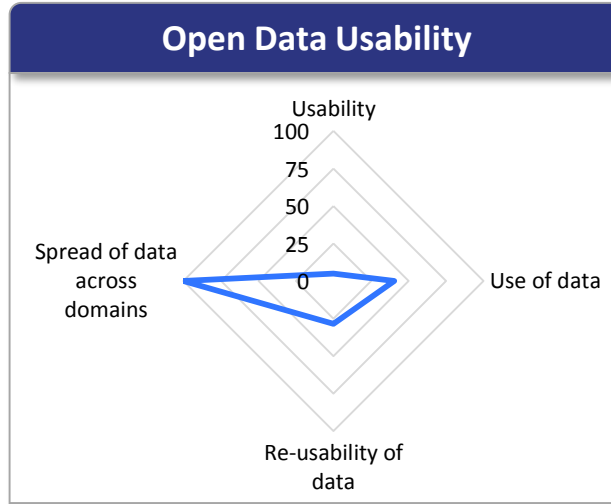
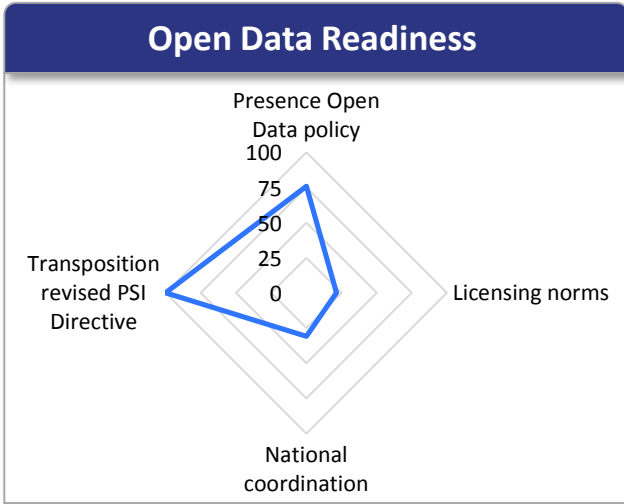


Progress on barriers

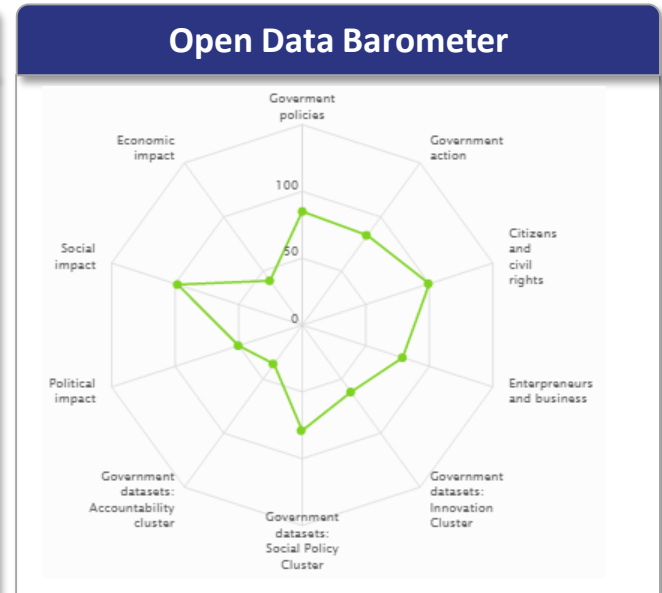
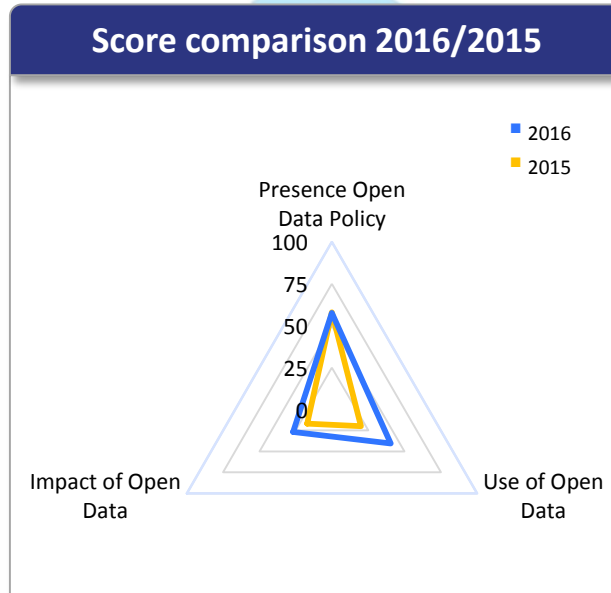
- The technical barrier for further publication is addressed by pilot projects to experiment with shared technical specifications.
- The barriers that exist for further use, are not addressed.



Sweden – Rankings



- ### Major changes 2016
- Compared to last year, besides the economic impact, also a political impact was indicated. This resulted in an increase for the Impact of Open Data indicator.
 - Monitoring the number of unique visitors of the national portal, resulted in an increase in the indicator Use of Open Data.
 - The score for Presence Open Data Policy stayed the same compared to 2015.

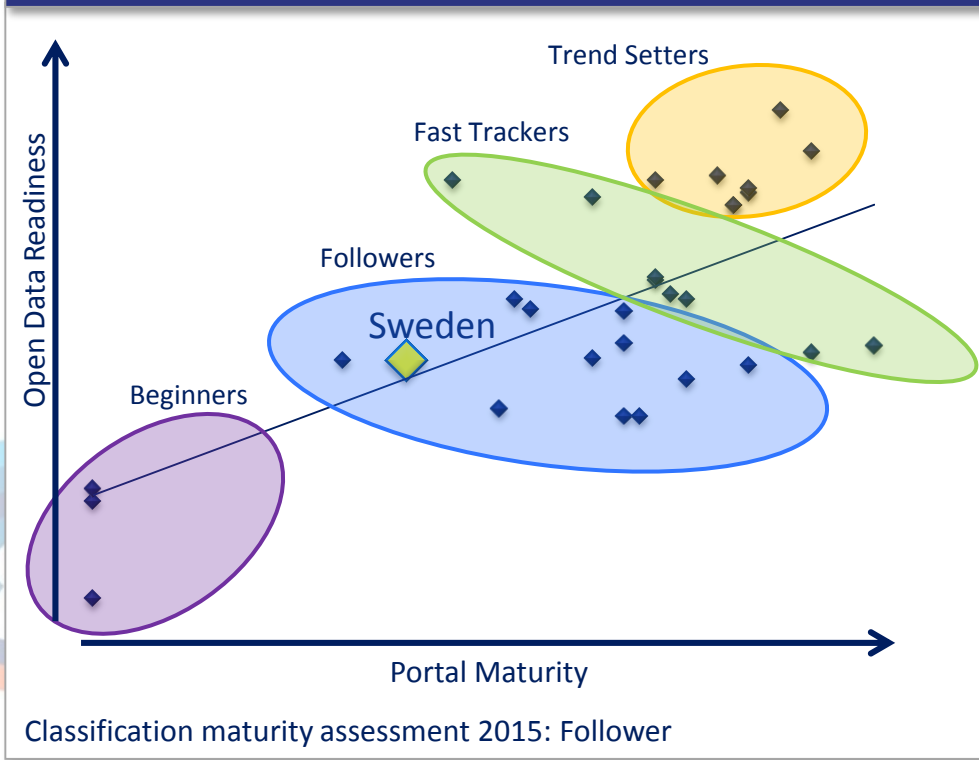




Print screen portal

The screenshot shows the ÖPPNA DATA portal interface. At the top, there is a search bar with the text "Sök data" and a search icon. Below the search bar are several filter buttons: "kollektivtrafik", "transport", "statistik", "public transport", "trafik", and "skåne". The main content area is divided into three columns. The left column shows "Ökning av dataset" with a line chart. The middle column shows "Dataset - aktivitet per vecka" with a bar chart. The right column shows "Ökning av dataset i specifik kategori" with a line chart. Below these charts are three sections: "Mest visade dataset" (featuring ResRobot, SL Trafikkläget 2, and Fondinnehav), "Nyligen uppdaterade datamängder" (featuring Allegro and Landskaphandlingsregistret), and "Senaste tweets" (featuring tweets from Mats Björk, Mats Svensson, and others).

Maturity 2016



Next steps

- Expand pilot of the published data from the mother organisation of all municipalities, Open Data, to more datasets



Upcoming events

- Hack4Heritage, 14-16 October in Stockholm