



Portal

- <http://opendata.riik.ee> launched in 2011, with final version ready in 2014



Ranking

- Open Data Barometer Rank: #24
- Open Data Index Rank: N/A

Transposition PSI Directive

✓ Yes

Revised PSI Directive



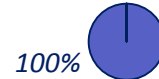
Open Data Policy

- ✓ Estonian Green Paper includes the Open Data policy
- ✓ 2-3 events held annually
- ✓ Pre-defined approach to ensure datasets are up-to-date
- ✗ No national 5 year strategy
- ✗ No priority domains identified



Licensing Norms

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

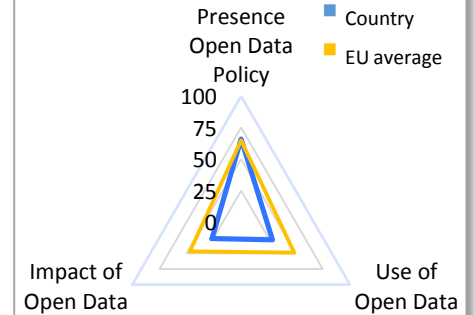


National coordination

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



Score Estonia



Usability of portal

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



Use & Reusability of Open Data

- 500 (0.04% of inhabitants in Estonia) unique visitors on average per month
- 20% of the visitors are foreign
- Unknown proportion of traffic generated by humans
- Typical profile of visitors of unknown
- Most data sets are available in XML format
- 90% of the data sets are machine readable

95 data sets available



Top data set & domains

- Most consulted data set: Customs tariffs

Top 5 most downloaded domains:

1. Custom Tariffs
2. Water Resources Health Information System
3. Sport registry
4. Trust Service List
5. Social Services and Benefits Registry





Impact

Political:

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



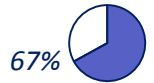
Social:

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



Economic:

- No studies market value
- One study better service delivery [1]
- One other studies [1]
- Marginal (Zero) Cost Model



Barriers

Further publication

For further publication political, technical and other barriers exist.

- Political barrier:** Opening the data is currently not one of the priorities for governmental agencies. It is just a 'nice to have' thing.
- Technical barrier:** Agreements need to be made regarding to data ontology and semantics
- Other barrier:** There is no clear benefit for data owners to publish their Open Data

Further use

For further use little awareness and other barriers are present.

- Little awareness:** Entrepreneurs don't know what data data holders have. On the other hand, data holders don't know what data entrepreneurs want.
- Other barrier:** The Estonian market is not big enough to have a customer base using an application based on Open Data.



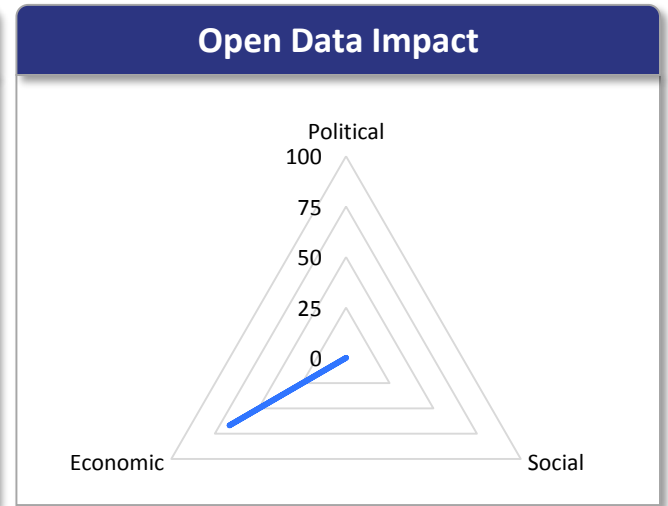
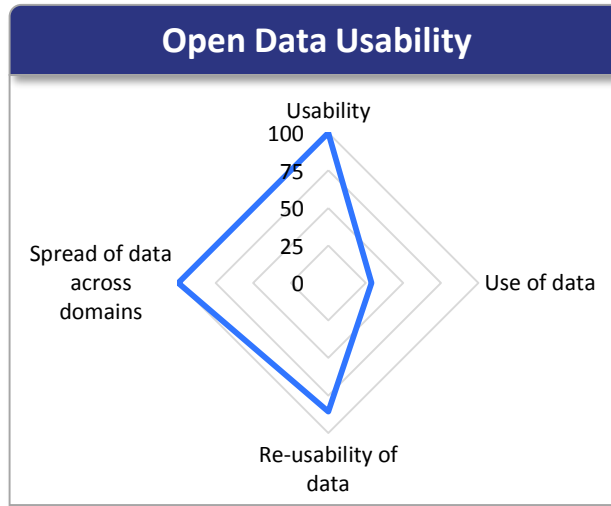
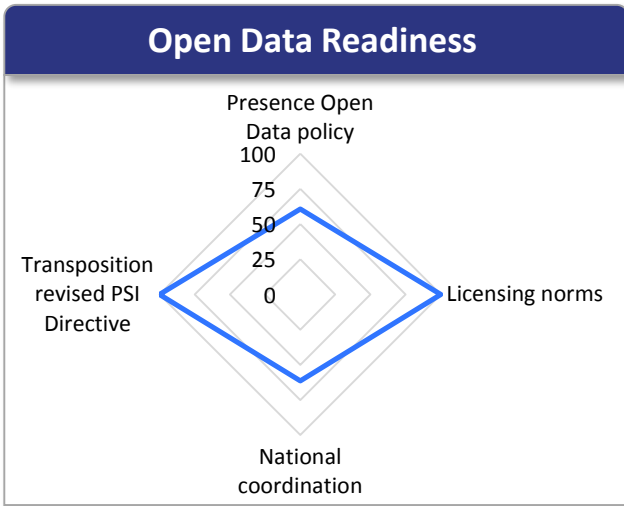
Best practices

- Financial data about the government sectors activities:** The data is structured and available for download. There are several possibilities to visualise the data. The application makes government sectors activities more transparent and understandable.
- Smart Road information system:** Data collected from several sensors are published through APIs to Waze. The benefits are retrieved in the social field.

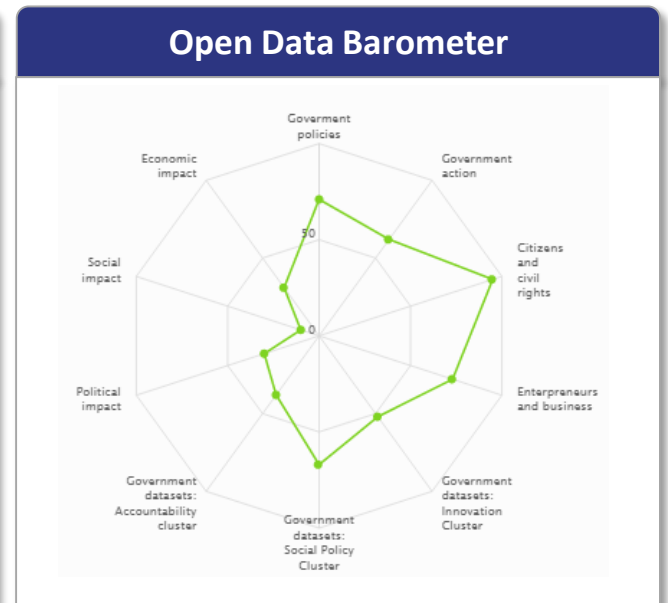
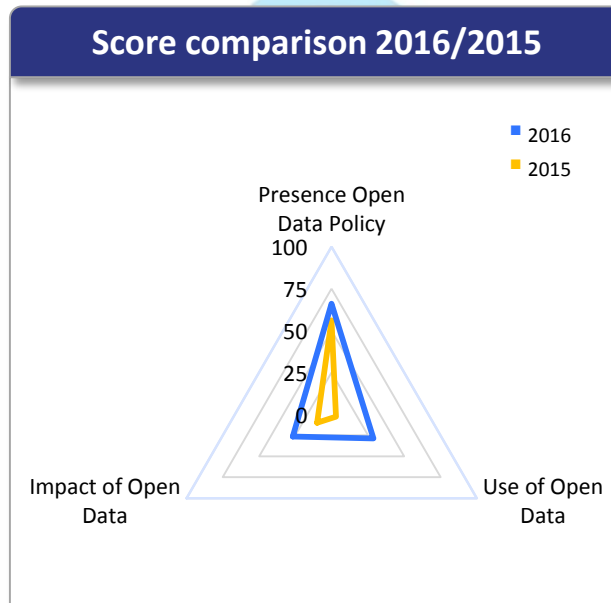


Progress on barriers

- To overcome the barriers existing for further publication are addressed. For example the open by default principle has been added in information system's regulation and resources were allocated to work on Open Data.
- Seminars have been organised and a hackathon is planned to increase the awareness on Open Data.



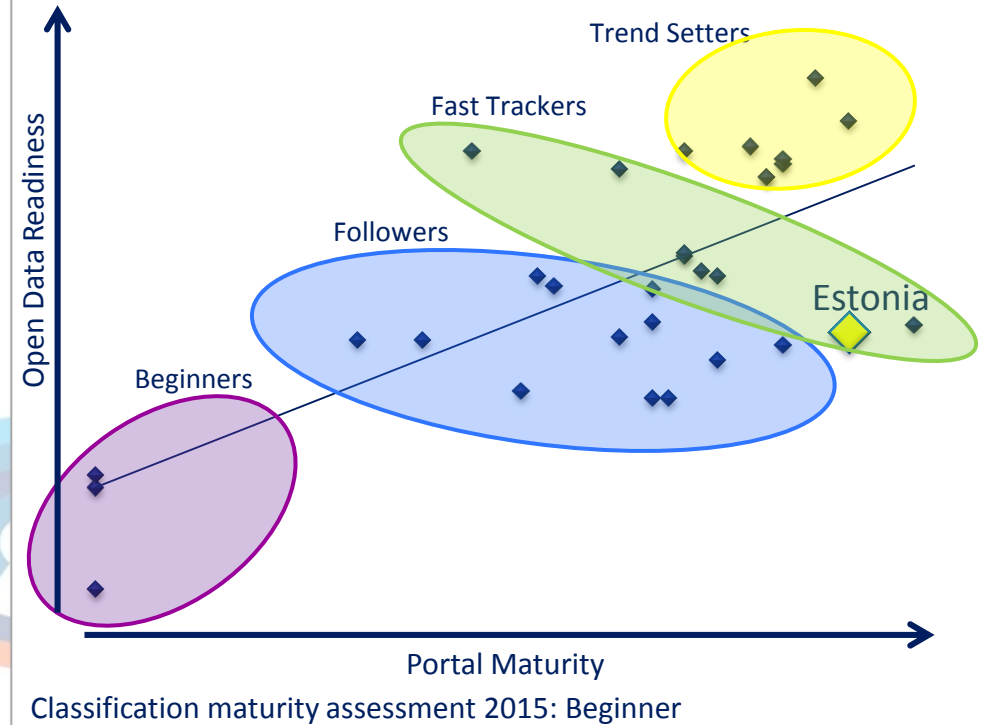
- ### Major changes 2016
- Presence of an Open Data Policy has increased because more features are available on the portal; the possibility to provide feedback and contribute to the portal have been included.
 - The Impact of Open Data shows an increase thanks to two studies that have been done that show the economic impact of Open Data. Furthermore, data is being cross-used which has a positive social and political impact.
 - The Use of Open Data has increased since this year one best practice on publishing Open Data and one best practice on the re-use made of Open Data, were provided.





Print screen portal

Maturity



Next steps

- Further development the National Open Data portal by translating it into English and by developing the portal's API for data owners



Upcoming events

- [Open & Big Data Hackathon](#), 21-23 October 2016 in Tartu (international event)