



Portal

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



Ranking

- **Open Data Barometer Rank:** #44
- **Open Data Index Rank:** N/A


Transposition PSI Directive

✓ Yes

Revised PSI Directive

Open Data Policy


- ✓ Estonian Green Paper includes the Open Data policy
- ✓ More than 3 events held annually
- ✓ Priority domains identified
- ✓ Pre-defined approach to ensure datasets are up-to-date
- ✗ No national 5 year strategy
- ✗ <25% of data uploaded automatically



63%

Licensing Norms


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



100%

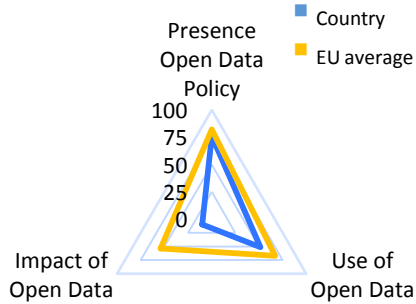
National coordination

- ✓ National guidelines on publication
- ✓ N/A, regional data initiatives
- ✓ All regional initiatives coordinated at national level
- ✓ All regional portals integrated



100%


Score Estonia



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

Usability of portal


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



Use & Reusability of Open Data

- 1400 (0.11% of inhabitants in Estonia) unique visitors on average per month
- 50% of the visitors are foreign
- 100 percentage of traffic generated by humans
- Typical profile of visitors of unknown
- Most data sets are available in XML format
- Unknown if data published by other administrations is re-used

61 data sets available




56%

Top data set & domains

- Most consulted data set: Unknown

Top 5 most downloaded domains:

1. Unknown





Impact

<p>Political:</p> <ul style="list-style-type: none"> No activities launched since 2015 to monitor impact Low impact efficiency Low impact transparency <p>0% </p>	<p>Social:</p> <ul style="list-style-type: none"> Low impact environmental sustainability Unknown impact inclusion of marginalised groups <p>0% </p>	<p>Economic:</p> <ul style="list-style-type: none"> No studies market value No study better service delivery No other studies Marginal (Zero) Cost Model <p>25% </p>
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Barriers

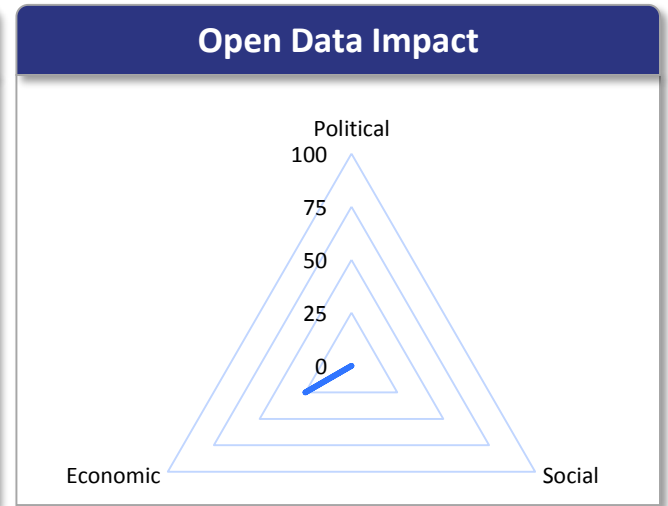
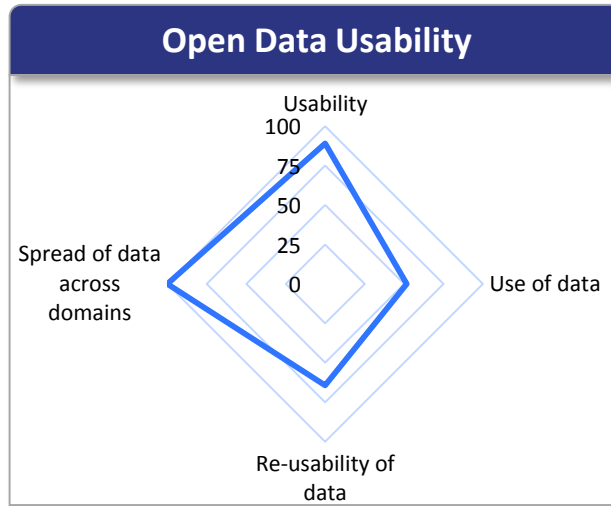
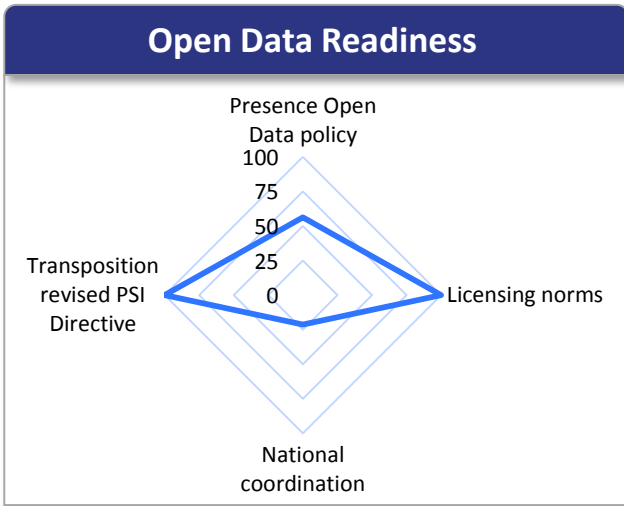
<p>Further publication</p> <p>For further publication other barriers exist.</p> <ul style="list-style-type: none"> <i>Other barriers:</i> the opportunity cost for Open Data is too high. Instead of Open Data there are several other activities, which must be done and are more valuable for society. Therefore Open Data is not the priority for public sector agencies. 	<p>Further use</p> <p>For further use low availability and other barriers are present.</p> <ul style="list-style-type: none"> <i>Low availability:</i> only few datasets are opened. <i>Other barriers:</i> The Estonian market is not big enough to have a customer base using an application based on Open Data.
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Best practices

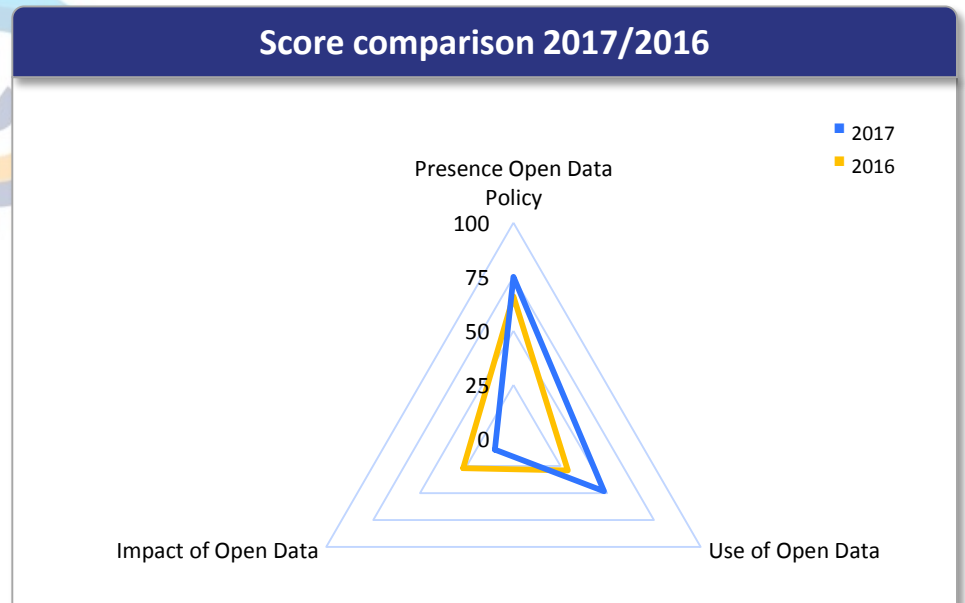
- Financial data about the government sectors activities:** The data is structured and available for download. There are several possibilities to visualise the data. The application makes government sectors activities more transparent and understandable.
- Opener.ee:** is an Open Data initiative to increase transparency among public procurements, companies and political connections.

Progress on barriers

- To overcome the barriers existing for further publication, public sector agencies that are developing new information systems are recommended to use the API approach which means that all the open data within the new information system should be available via APIs.
- To prevent further re-use, Open Knowledge Estonia was formed and an Open Data Issue Tracker was created in Github to enable a bigger focus on the most critical activities related to opening datasets.



- ### Major changes 2017
- Presence of an Open Data Policy has slightly increased, thanks to an increase in national coordination.
 - The Impact of Open Data has decreased since no economic studies have been published since 2015 to measure the economic impact of Open Data. The social and political impact remain low or unknown.
 - The Use of Open Data has increased since more information is known on use and re-use of data such as an increase of 500 to 1400 unique visitors a month, of which about 50% are foreign.

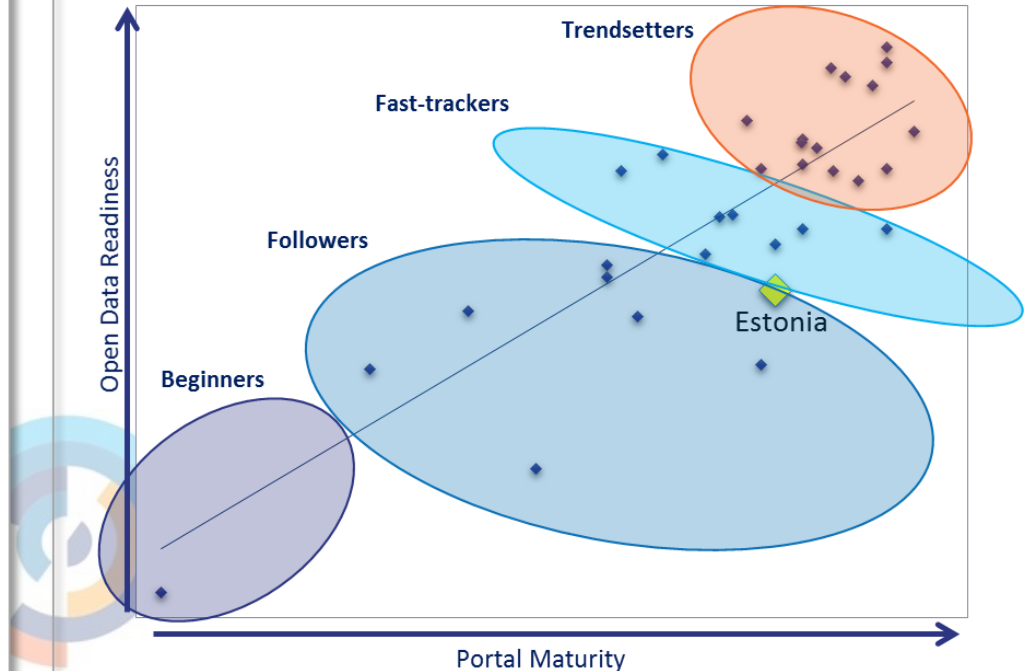




Print screen portal

The screenshot shows the Estonian Open Data Portal interface. At the top, there is a navigation menu with links for 'AVALEHT', 'ANDMED', 'RAKENDUSED', and 'LISAINFO', along with a search bar. Below the menu, there is a main heading 'Avaandmete portaal' and a brief introduction in Estonian. Logos for the Estonian Government, the Ministry of Economic Affairs and Communications, the European Union, and the Estonian Development Foundation are displayed. A search bar with the text 'Otsi andmeühik...' and a 'OTSI' button is present. Below this, there is a registration link 'LISA ANDMEÜHILK'. A section titled 'Andmete avamise olulisemad eesmärgid' (Most important goals of data opening) lists several objectives, accompanied by a video thumbnail of Tim Berners-Lee's TED talk 'The next Web of open, linked data'.

Maturity 2017



Classification maturity assessment 2016: Follower

Next steps



- Support open data initiatives the Estonian government is planning.
- Plan to outsource some open data activities.
- Follow API first approach (provide access to all open data via API).
- Advise public sector entities to Open Data and guarantee its quality .

Upcoming events



- 17 July: Digital Single Market Conference on the free movement of data
- 30 August – 1 September: MyData conference organized together with Finland
- 6 October: ministerial eGovernment conference