Czech Republic – Overview

EUROPEAN DATA PORTAL

Portal

- https://data.gov.cz launched in April 2015
- Many regional portals

Ranking

- Open Data Barometer Rank: #31
- Open Data Index Rank: #27

Transposition PSI Directive

✓ Yes

Revised PSI Directive

Open Data Policy

✓ Open Data policy in place
✓ National 5 year strategy
✓ Priority domains identified
✓ More than 5 events held annually
✓ Pre-defined approach to ensure datasets are up-to-date
✓ 90-99% data uploaded automatically

96%

Licensing Norms

✓ Free of charge
✓ 75-89% open licensed
✓ Policy for standard licence (CC-BY 4.0)

88%

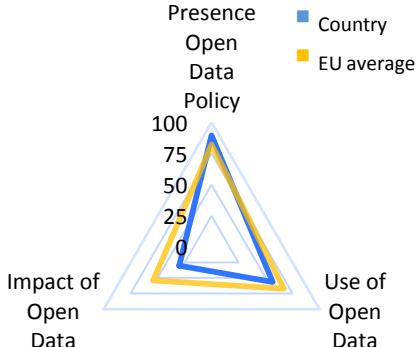## National coordination

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

71%

Score Czech Republic

- Country
- EU average

Radar chart axes: Presence Open Data Policy (100, 75, 50, 25, 0), Use of Open Data, Impact of Open Data

Usability of portal

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

Use & Reusability of Open Data

- 580 (0.005% of inhabitants in Czech Republic) visitors on average per month
- 4 percentage 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 TXT format
- Data published by other administrations is re-used

130,576 data sets available

66%

Top data set & domains

- Most downloaded data set is in the geospatial domain

Top 5 most consulted domains:
1. Companies
2. Transport and Infrastructure
3. Education
4. Statistics
5. Geospatial

Czech Republic – Impact and development

Impact

Political:
- Activities launched since 2015 to monitor impact
- Low impact efficiency
- Low impact transparency

25%

Social:
- Low impact environmental sustainability
- Low impact inclusion of marginalised groups

0%

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

50%

Barriers

Further publication

For further publication financial and human resource barriers exist.

- *Financial barrier:* lack of financial resources to support the re-use of data, creating start-ups or innovation hubs
- *Human resource barrier:* there is a lack of experts with the required skills to ensure a smooth publication of Open Data within all public bodies.

Further use

For further use little awareness and technical barriers are present.

- *Little Awareness and technical:* Public bodies publish their data, but do not record Open Data metadata in the National Open Data Catalogue.
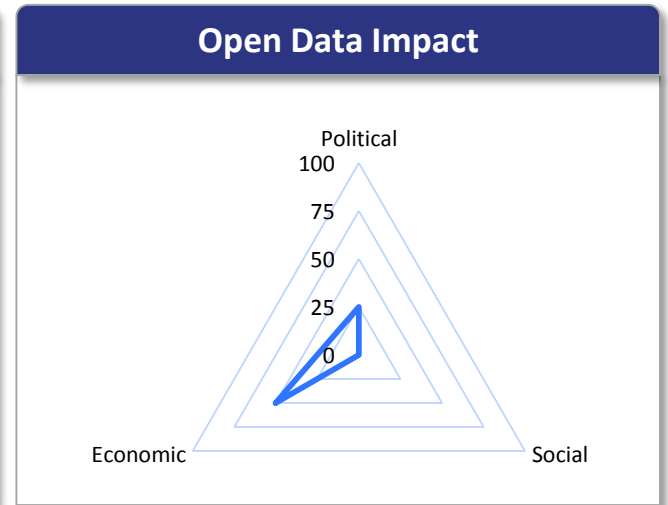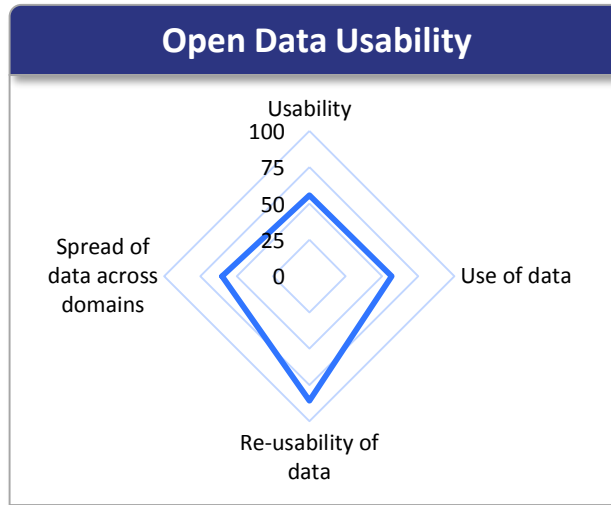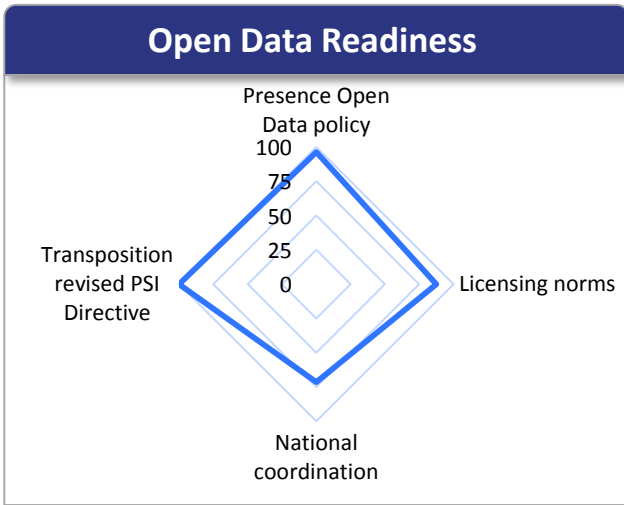
Best practices

- Social security Linked Open Data: The organisation publishes various statistics related to social security administration in CSV and RDF format. Social benefits can be retrieved.
- BrnoHacks: is the biggest hackathon in the Czech Republic in the city of Brno which shows several examples of using Open Data and fosters engagement between Open Data users, hackers and coders and the local administration, towards solving current problems of the city.

Progress on barriers

- The human resources barrier regarding further publication is addressed by The Ministry of Interior of the Czech Republic which is currently providing a massive training and knowledge support for public bodies at all levels of administration. The financial barrier has been overcome through funding from EU structural funds to ensure Open Data activities
- Little awareness and technical barriers hindering further use of Open Data are overcome by continued training on data publishing.

Czech Republic – Rankings

EUROPEAN DATA PORTAL

Open Data Readiness

Presence Open Data policy — Licensing norms — National coordination — Transposition revised PSI Directive (0, 25, 50, 75, 100)

Open Data Usability

Usability — Use of data — Re-usability of data — Spread of data across domains (0, 25, 50, 75, 100)
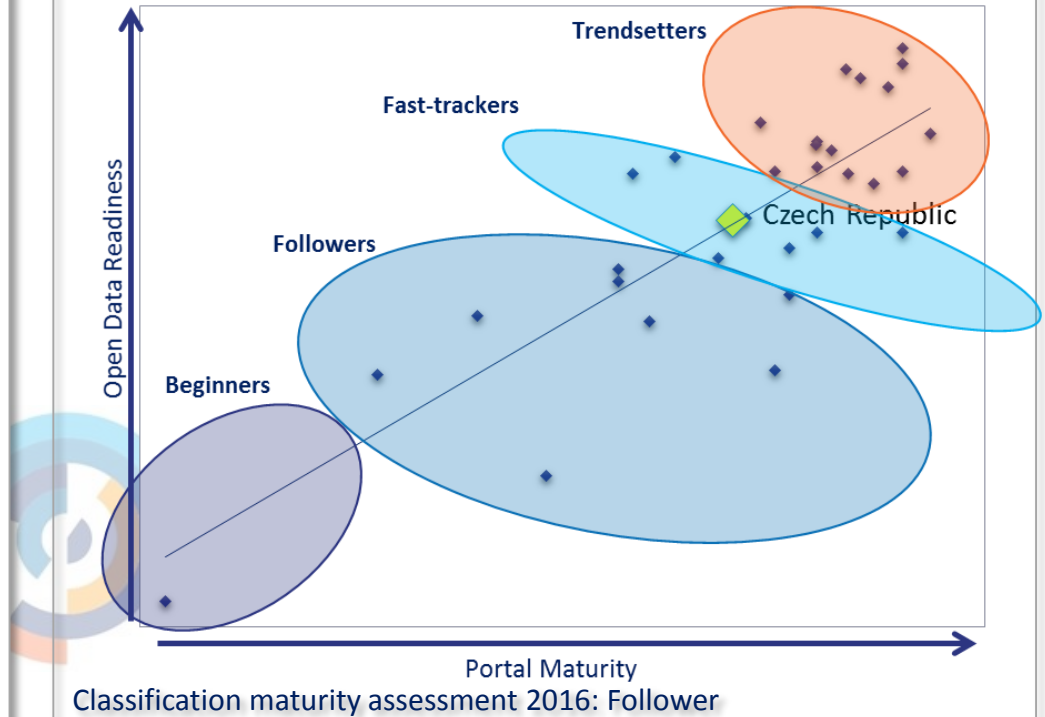
Open Data Impact

Political — Social — Economic (0, 25, 50, 75, 100)

Major changes 2017

- The Presence of an Open Data Policy has slightly increased since nearly all datasets are automatically uploaded to the national portal.
- The Use of Open Data has slightly increased thanks to a better use of data and re-usability of data such as providing the possibility to request datasets, a news section and providing examples of re-use of Open Data.
- The Impact of Open Data has increased, thanks to the launch of activities to monitor the impact of Open Data in the Czech Republic.

Score comparison 2017/2016

Presence Open Data Policy — Use of Open Data — Impact of Open Data (0, 25, 50, 75, 100)

- 2017
- 2016

Czech Republic – Conclusion
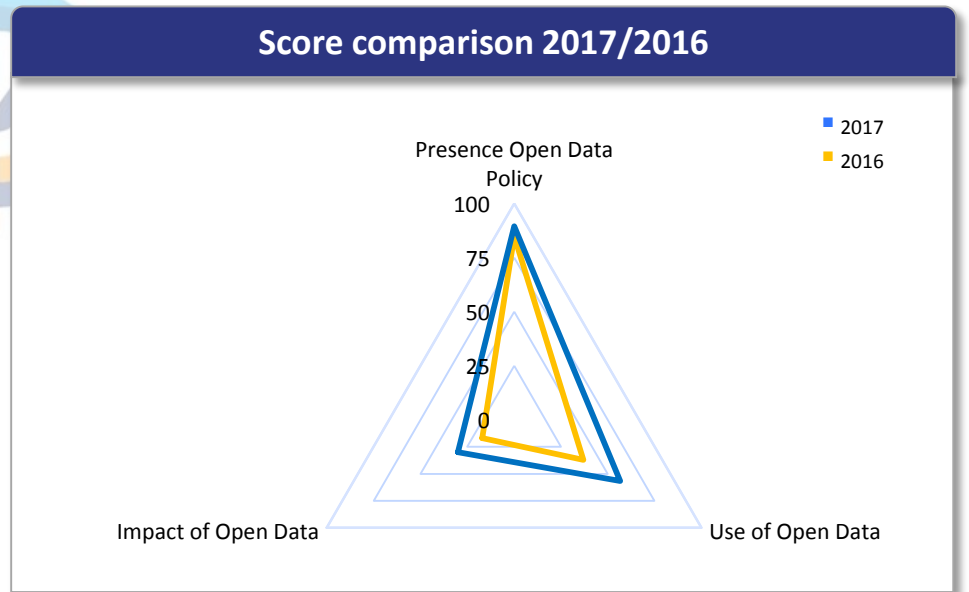
Print screen portal

Maturity 2017

Trendsetters

Fast-trackers

Followers

Beginners

Open Data Readiness

Portal Maturity

Czech Republic

Classification maturity assessment 2016: Follower

Next steps

- Update of The Government Regulation n. 425/2016 on the list of information published as Open Data
- Creation of Working Group of Open data Providers
- Further development of National Open Data Portal

Upcoming events

- Annual Open Data Conference of Public Administration – November 2017
- The first hackathon of public Administation – September 2017
- Open Data Challenge – Together We Open Data – September - November 2017

Status 14/8/2017, Next update planned Q3 2018