

Open data maturity

2019



Germany

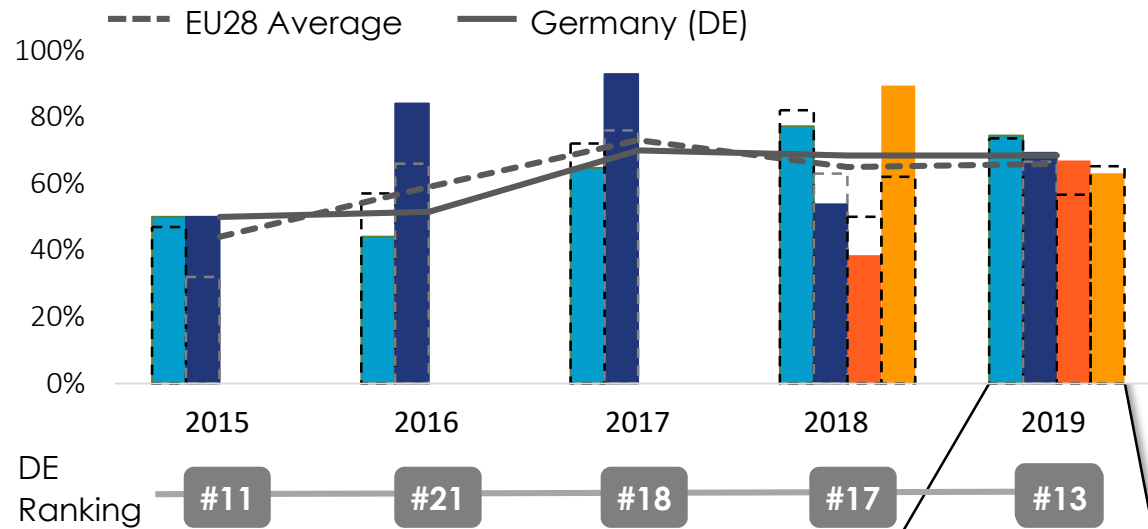


State-of-Play on open data - 2019

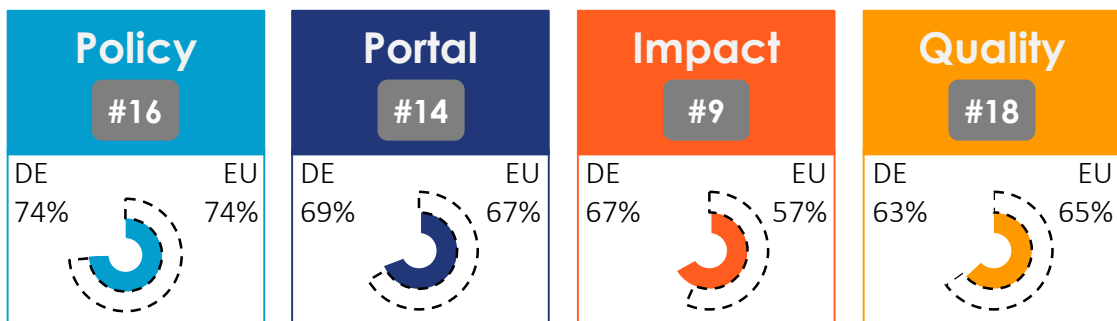
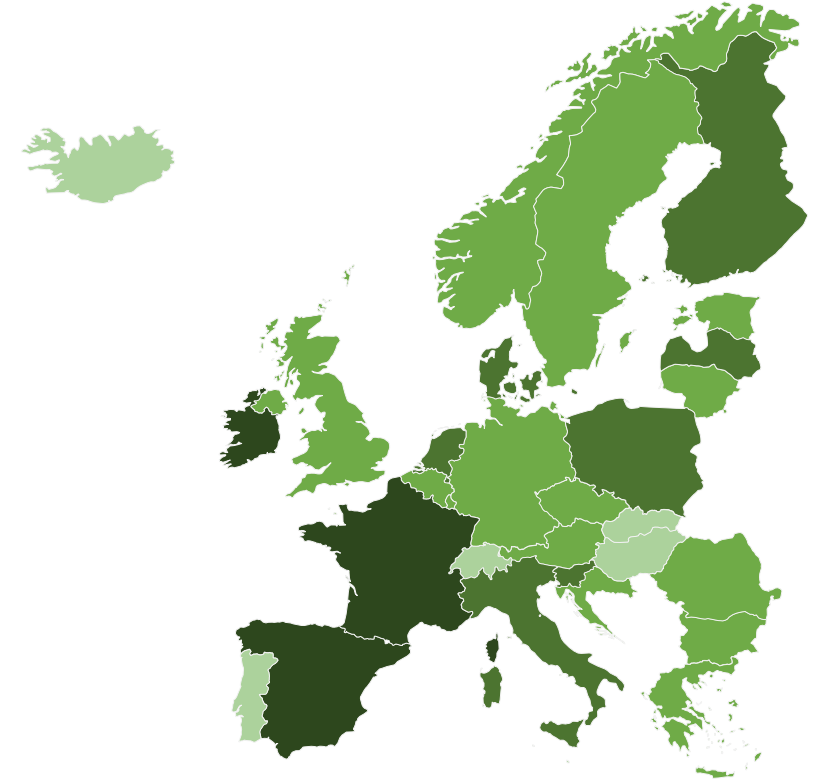
Germany



MATURITY LEVEL RATING

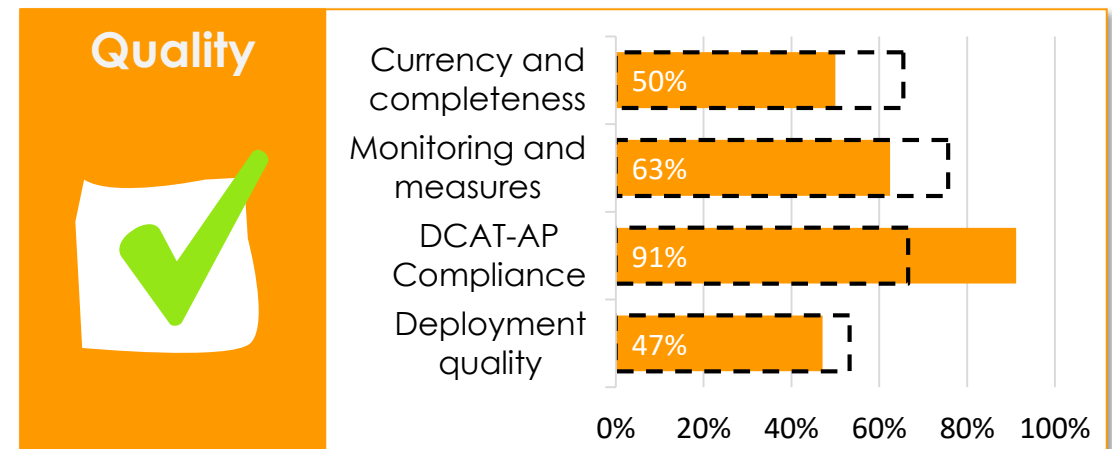
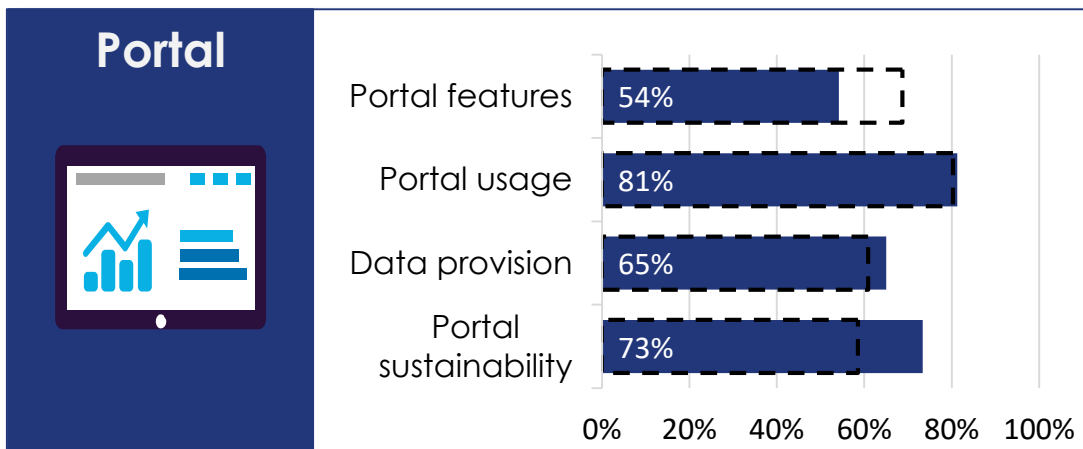
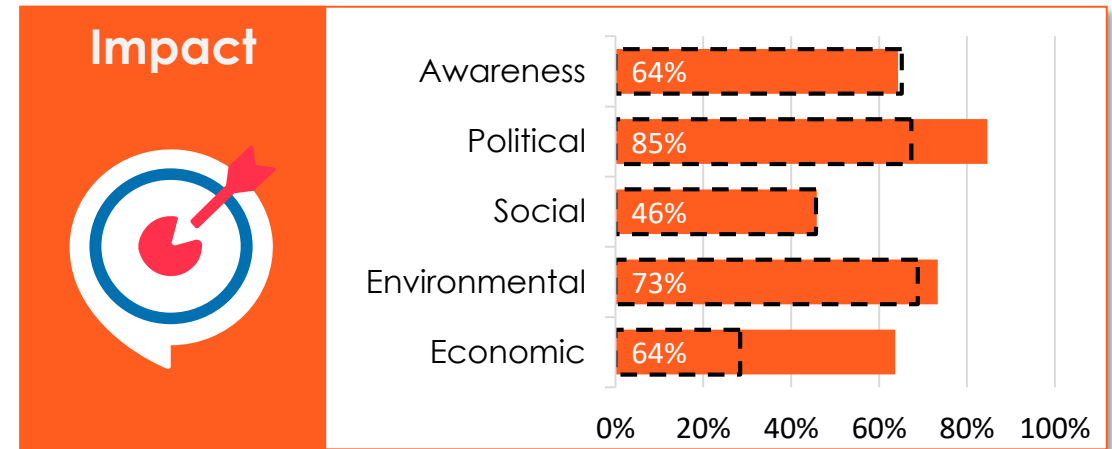
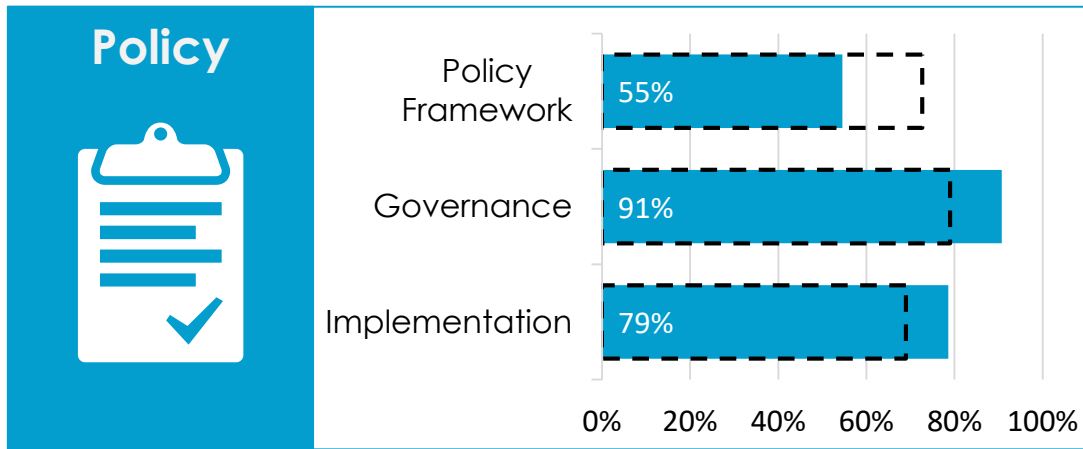


OVERALL MATURITY LEVEL SEGMENTATION





DIMENSION PERFORMANCE



EU28 Average
 X % Germany



ADDRESSING BARRIERS



Organisational

Some public bodies do not have the capabilities to publish open data. In addition, the publication processes across Germany are very heterogenous. The open data Competence Centre (part of the open data governance structure in Germany) will have more competencies from 2019 onwards and helps public bodies overcoming organisational issues and difficulties.



Awareness

Another challenge is that not all civil servants are aware of the benefits of publishing open data. The Competence Centre provides help and assists in data publication processes and is currently developing a training plan to tackle those issues and show use cases and best practices. Some public bodies are also providing trainings themselves.



Technical

The national portal GovData.de needs to incorporate data re-users more and improve its features. In 2019, a project started to improve the portal and its features. One of the new features will be the possibility to request datasets. The portal will also be developed further to enable the measuring of re-use of data.



OPEN DATA RE-USE

Every two years, the Federal Government has to report the progress of open data implementation in Germany to the federal parliament (Bundestag). Therefore, a questionnaire is forwarded to around 300 public bodies every two years. The results of the questionnaire provide insights into open data publication and re-use in Germany. In addition, the Federal Ministry for Economic Affairs and Energy is currently undertaking a study concerning the economic impact of open government data and finance models of municipalities.

Although the German national open data portal does not have a designated area to showcase use cases, multiple open data use cases exist throughout the country, covering the political, social, environmental and economic field.

An example is the project [SAUBER](#). In this project, data from the Earth observation program Copernicus are combined with open traffic and weather data as well as results from local measuring stations to produce a comprehensive and detailed picture of air quality in Germany. In addition, thanks to the use of artificial intelligence, SAUBER also forecasts and simulates the future air quality in Germany.