

# Best Practice: Establish Open Government Portal for data sharing

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This version

<http://www.w3.org/2013/share-psi/bp/portal-20160725/>

Latest version

<http://www.w3.org/2013/share-psi/bp/portal/>

Previous version

<http://www.w3.org/2013/share-psi/bp/portal-20160627/>

This is one of [a set of Best Practices](#) for implementing the [\(Revised\) PSI Directive](#) developed by the [Share-PSI 2.0 Thematic Network](#).

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## Outline

Data portals can facilitate the distribution of open data by providing easy-to-access, searchable hub for multiple datasets. They often also act as showcases for reuse of data and as a hub for the interested community.

## Links to the Revised PSI Directive

[Techniques](#), [Platforms](#), [Discoverability](#)

## Challenge

Public administrations consist of government bodies of differing sizes and often their information systems lack interoperability. Data sets are of different sizes sometimes relating to small localities only, which makes them less interesting to the broader community such as the infomediary sector. Furthermore, the datasets are in different formats which complicates their reuse.

## Solution

A data portal is established by the government (national, regional or local). This may be managed in-house or by a contractor. Close collaboration with the R&D or education sector can help to meet fundamental goals at the beginning of the portal project. Researchers and computer engineering students are involved in direct re-use of data in development of innovative services (web and mobile applications).

## Why is this a Best Practice?

A portal fulfils many functions:

- it acts as a platform through which datasets are made available, catalogued and made searchable;
- it promotes the provision of metadata and makes it easy for that metadata to be added at the time of publication;
- it acts as a show case for applications that re-use the data;
- it can also act as a community hub.

## How do I implement this Best Practice?

Data portal software can be developed from scratch, bought off the shelf or obtained as open source software. The best known example of an open source package is [CKAN](#).

## Where has this best practice been implemented?

According to [one study](#), there are now more than 1600 open data portals around the world.

## References

- Samos Workshop: [Open Data to Improve Sharing and Publication of Information between Public Administrations](#) (PDF)
- Samos Workshop: [A federation tool for opendata opendata portals](#) (PDF)
- Samos Workshop Talk: [Open Government Data - Fostering Innovation](#) (PDF)
- Krems Workshop Session: [Italian National Guidelines for the Valorization of the Public Sector Information](#) (PDF)
- Berlin Workshop Session: [European Interoperability: The ISA Core Vocabularies](#) (PDF)
- Berlin Workshop Session: [The EDP: A Technical View](#) (PDF)
- Lisbon Workshop Talk: [Model-Driven Engineering for Data Harvesters](#)
- Timisoara BarCamp Talk: [The Pan European Data Portal - Early Wireframes](#)
- Berlin Workshop Talk: [The European Data Portal - Opening up Europe's Public Data](#)
- Berlin Workshop Talk: [The EDP: A Technical View](#)
- Berlin Workshop Talk: [The Role of the Portal](#)

## Local Guidance

This Best Practice is cited by, or is consistent with, the advice given within the following guides:

- (Austria) [Open-Government-Vorgehensmodell](#) Open Government Process Model
- (Belgium) [Open Data Handleiding](#) Open Data Handbook
- (Croatia) [Preporuke o prilagodbi skupova podataka za javnu objavu i ponovno korištenje](#) Open Data Guide, Croatia
- (CzechRepublic) [Standardy publikace a katalogizace otevřených dat veřejné správy ČR](#) Open Data Standards
- (Estonia) [Eesti avaliku teabe masinloetava avalikustamise roheline raamat](#) Green Paper on machine-readable Estonian Public Information disclosure
- (Finland) [Helsinki Region Infoshare](#)
- (Germany) [Open Government Data Deutschland](#)
- (Hungary) [Nyílt Adatok kézikönyv](#) Open Data Handbook
- (International) [Using Open Public Sector Information](#)

- (International) [Open Data Handbook, Solutions Bank](#)
- (Ireland) [Guide for publishers](#)
- (Italy) [Linee Guida Nazionali per la Valorizzazione del Patrimonio Informativo Pubblico](#) National Development Guidelines for Public Sector Information
- (Latvia) [Atvērto datu vadlīnijas](#) Open Data Guidelines
- (Lithuania) [Viešojo Sektoriaus Informacijos platinimo gerosios praktikos](#) Best Practices for Sharing Public Sector Information
- (Luxembourg) [Recommandations pour l'ouverture des données publiques](#) Recommendations for opening data
- (Malta) [PSI Directive Implementation & Internal Data Sharing Platform \(draft\)](#)
- (Norway) [Veileder i tilgjengeliggjøring av offentlige data](#) Guide to making public data available
- (Portugal) [Guia Dados Abertos - AMA | Dados.gov](#) Open Data Guide
- (Romania) [Ghid Pentru Publicarea Datelor Deschise](#) Romanian Open Data Guide
- (Serbia) [Open Data Handbook](#)
- (Spain) [Guía para el desarrollo de la Universidad Abierta](#) Open University Development Guide
- (Spain) [Guía de aplicación de la Norma Técnica de Interoperabilidad de reutilización de recursos de información](#) Application Guide for Technical Interoperability Standard on PSI re-use
- (Spain) [Government Data Openness and Re-use](#)
- (Spain) [Reutilización de la Información de los Servicios Públicos](#) Open University Development Guide
- (Spain) [Decálogo Open Data](#) Open Data Decalogue
- (UK) [Open Data Resource Pack](#)

## Contact Info

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## Related Best Practices

- [Develop and Implement a Cross Agency Strategy](#)
- [Develop a federation tool for open data portals](#)
- [Provide metadata](#)

Any matters arising from this BP, including implementation experience, lessons learnt, places where it has been implemented or guides that cite this BP can be recorded and discussed on the project's [GitHub repository](#)