European Commission

EU actions on Open Data – current policy and legal context

Szymon Lewandowski

Legal/Policy Officer

Data Value Chain Unit, DG CONNECT

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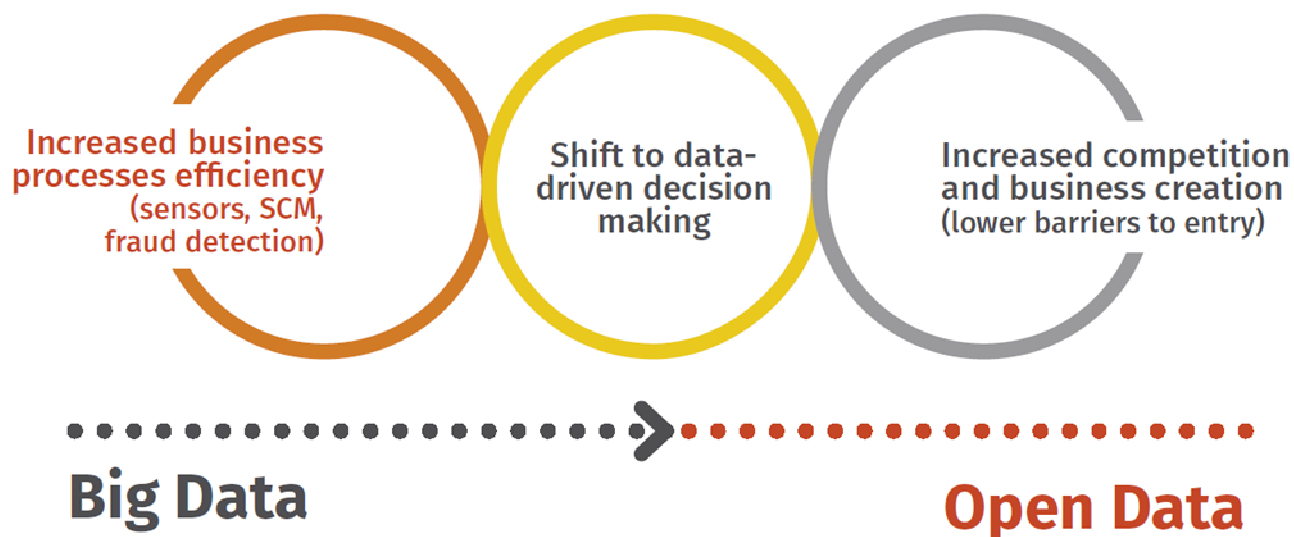# Data is a top political priority: European Council of October 2013

- Need to enhance the **potential of 'Big Data'** and **'data-driven innovation'**, **actively promote** the **re-use** of public sector information

Open Data reinforces Big Data actions

Key macroeconomic effects
of big and open data introduction

Increased business processes efficiency (sensors, SCM, fraud detection)

Shift to data-driven decision making

Increased competition and business creation (lower barriers to entry)

Big Data

Open Data

'Big data' Communication – July 2014

- First ever EU-wide initiative addressing data in a holistic manner

- The Communication sketches the necessary features of the **data-driven economy** (vision)

- It sets out a number of operational conclusions to support and accelerate the transition towards it (actions), including in the area of **Open Data (ODINE and pan-EU portal)**

- It seeks to initiate a debate with the Parliament, Council and other stakeholders in order to prepare a more detailed action plan

OPEN DATA ACTIVITIES

- **2011**

    - **Communication on Open Data (COM(2011)882)**
    - **Update of the Decision governing the re-use of Commission's own information (2011/833/EU)**

- **2012**

    - **Launch of the EU Institutions' portal www.open-data.europa.eu**

- **2013**

    - **Adoption of the Directive (2013/37/EU) amending the PSI Directive**

- **2014**

    - **Commission Notice: guidelines on PSI re-use (2014/C 240/01)**

- **2015**

    - **Transposition of the revised PSI Directive: July 2015**
    - **Launch of pan-European Open Data portal: September 2015**
    - **Review of the Commission's decision on re-use**

Revision of the PSI Directive
main changes:

- Creation of a <u>genuine right to re-use</u> public information: all generally accessible information will become re-usable

- New default <u>charging rule based on the marginal cost</u> for reproduction, provision and dissemination of the information. (In exceptional cases, full cost recovery will remain possible)

- <u>Cultural institutions</u> brought within the scope of the Directive

- <u>Increased transparency</u> requirements with regard to charges and conditions applied by public sector bodies

- <u>New rules on digitisation agreements</u>, which protect the cultural sector and the interests of the general public

Transposition of the PSI Directive main issues so far:

- Clarifying some of the new provisions where the text adopted may give rise to difficulties in interpretation:

- *Article 11 (exclusive arrangements)*

- *Recital 9 and Article 3 (documents held by cultural bodies)*

- *Article 6 (charging)*

- *Article 1.2. (extension of scope)*

- Interestingly – also clarifying some of the 'old' provisions:

- *Recital 10 and Article 2 (public sector body)*

- *Article 2.4. (definition of re-use)*

Transposition of the PSI Directive state of play, March 2015:

- Two Member States already implemented the Directive into their national laws: Greece and Denmark

- Other Member States are at different stages of the transposition process. However:

- In most cases the draft bill has already been consulted both with the public and across the government services

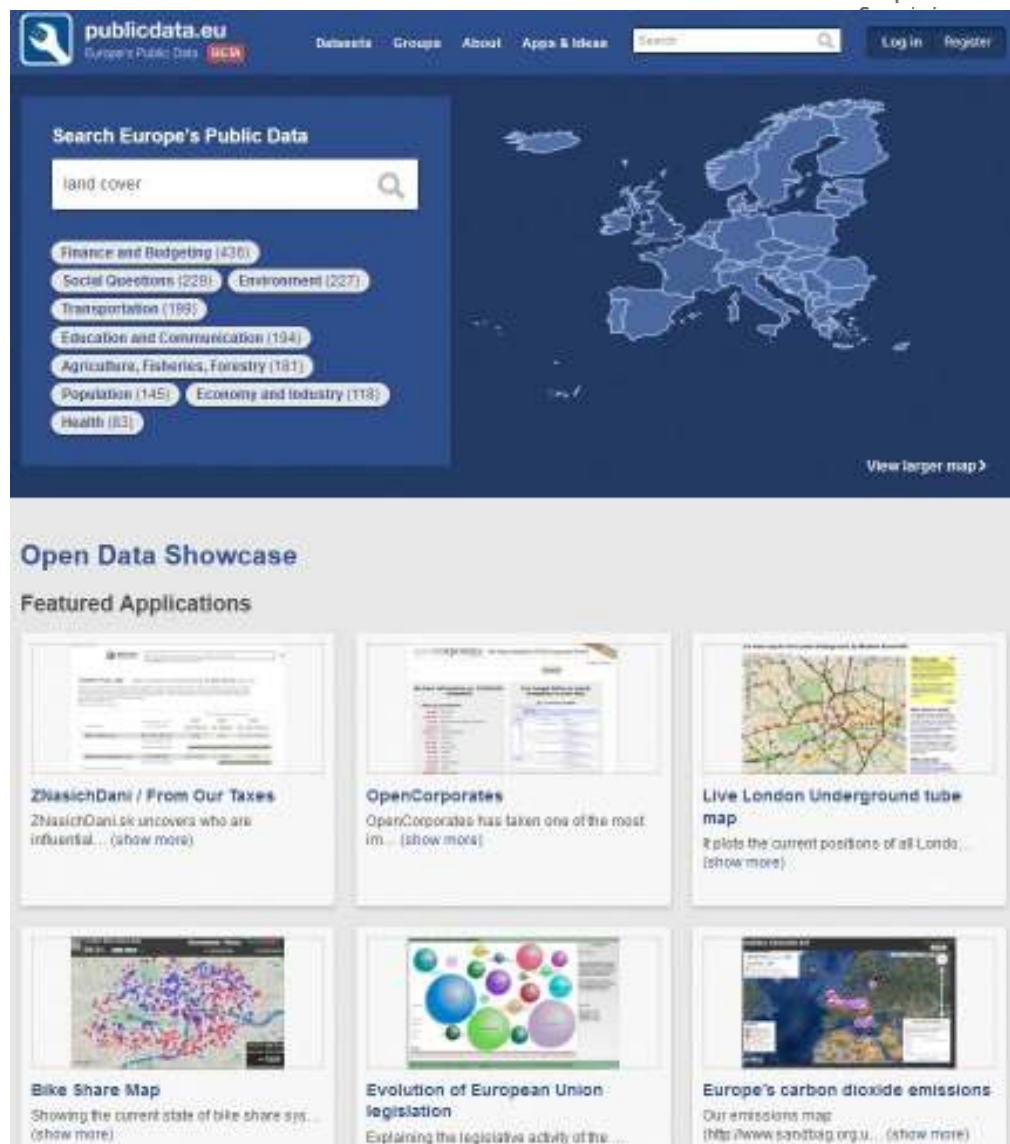- In a few cases, the law will be adopted by governmental decree (no parliamentary discussion involved)

Towards a pan-European infrastructure for (open) data

Rationale

- One single gateway to reusable information with the aim of enabling combination of information held by various open data portals at various levels throughout the EU

- Services around open data

- Dedicated service infrastructure for language resources in order facilitate multi-lingual access to online services

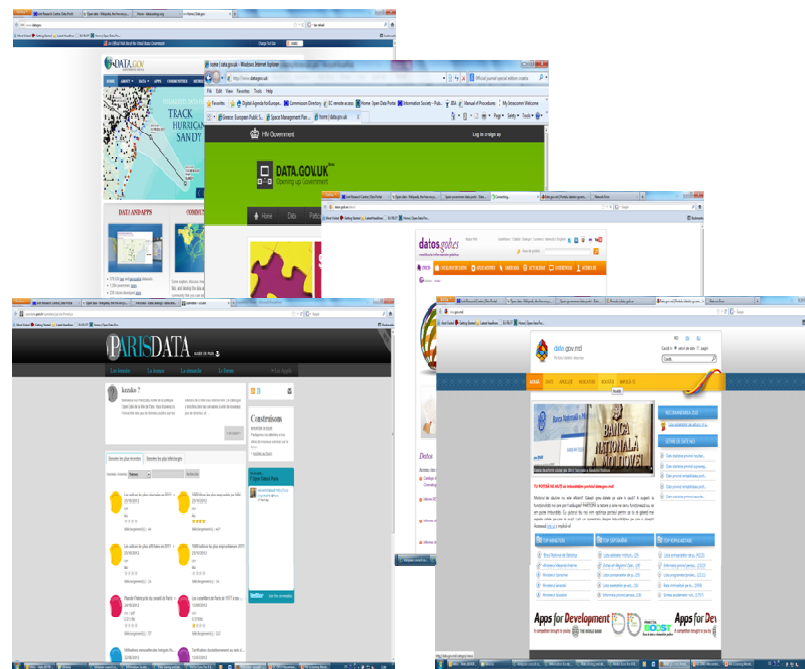**Pan-European Open Data portal**

currently a pilot:

publicdata.eu

More than 47,000 referenced datasets

15 countries

CEF Public Open Data: 2014 actions and outcomes

- initiate the deployment of a comprehensive Open Data core platform based upon the experience gained through the existing pilot portal

  - Make <u>data sets accessible and downloadable</u> through links to data providers' resources; centralised storage may be offered
  - Feature <u>advanced</u> visualization <u>capabilities</u>, tools for data aggregation and linking, browsing and visualization, user interfaces and support material
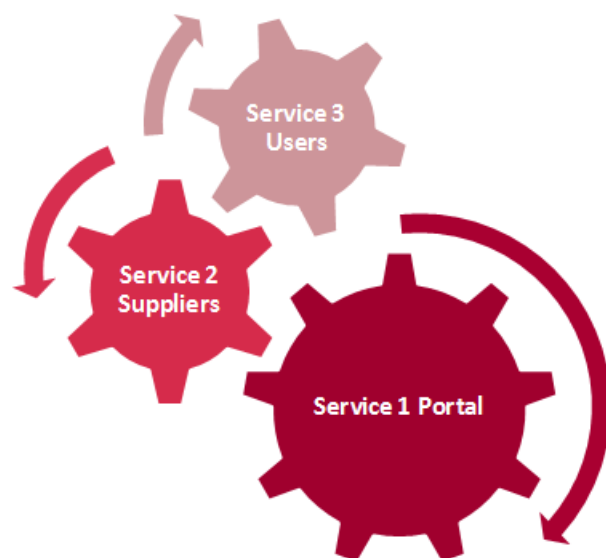 - Use agreed <u>standards for metadata and data</u>

CEF Public Open Data: 2015 developments

- Development started 19/12/2014, initial contract 38months, ~6,5 M€

- Consortium led by Capgemini, partners: Intrasoft, Sogeti, Open Data Institute, Fraunhofer FOKUS (Berlin), University of Southhampton, con terra GmbH, Time.Lex

- First release of the portal: October 2015 (EDF. Lux)

- Will feature advanced visualization capabilities, tools for data aggregation and linking, browsing and visualization, user interfaces and support material

- Will use agreed standards for metadata and data

The Deployment of an EU Open Data core platform: implementation of the pan-European Open Data portal and related services

Rectangular Snip

The strategic objective of this project is to address Accessibility and Value of Open Data

- *Accessibility*. How to access this information? Where to find it? How to make it available in the first place? In domains, across domains, across countries? In what language?

- *Value*. For what purpose and what economic gain? Societal gain? Democratic gain? What critical mass?

- The Project is structured into three work streams
- Service 1: Developing, launching, operating and maintaining a pan-European web-based data portal infrastructure
- Service 2: Fostering uptake on data supply
- Service 3: Fostering uptake on reuse of public data resources

- A substantial part of the Open Data Value Chain is the Portal
- The Portal alone is an empty house and requires metadata to be supplied by the holders of public data resources
- A community needs to be engaged to make use of the Portal and the data, as this will drive economic benefits and innovation

Service 3 Users

Service 2 Suppliers

Service 1 Portal

All three Services are related and very much dependent on one another to untap the value of open data

Open Data Incubator for Europe (ODINE) – H2020

- Will set up an environment to support and advice SMEs and start-ups on generating value out of Open Data

- Call for the mini projects on 19/05 at the World Wide Web Conference in Florence http://www.www2015.it

- Up to €100.000 per project

- Partners include Telefonica, the Guardian, ODI, OKFN…

http://opendataincubator.eu/

More info and updates:

https://ec.europa.eu/digital-agenda/en/content-and-media/data