Towards a European open data infrastructure

Malte Beyer-Katzenberger
DG CONNECT, Unit G3 – Data Value Chain
European Commission
Open data portals
EU open data portals and infrastructures

- 2012: Commission open data portal
- 2013: pan-European aggregator for open data (prototype)
- 2013-: Work towards a pan-European open data infrastructure
- 2013-: Work towards an infrastructure for multilingual services
The EU open data portal

Rationale:

• Single access point: Helps to identify what data exist without knowing who is holding them;
• Driver for re-use policy inside organisation: Data management, IP rights, openness;
The EU open data portal (II)

- ...started with about 5,800 datasets from 15 Commission DGs and the European Environment Agency;
- ...is ready to include data from all EU institutions;
- ...is a metadata catalogue;
The EU open data portal (III)

Where are we?

• Site launched in beta before Christmas 2012 (http://open-data.europa.eu);
• Based on open source solutions (LAMP, CKAN, Drupal);
• Metadata schema: Dublin Core + DCAT + ADMS;
• License conditions: Open license as default (equivalent to CC BY), but exceptions allowed;
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.
Towards a pan-European infrastructure for (open) data (II)

Further improving www.publicdata.eu as an existing embryo;

Using the "Open data support" action to publish additional 15,000 datasets on existing portals, 30% of which as linked data
Towards a pan-European (open) data infrastructure (III)

- Building an open data infrastructure consisting of a core service platform as single access point together with visualisation tools and APIs;
- Building an infrastructure enabling multi-lingual access to online services consisting of a core platform with language resources and potentially additional services;
Thank you for your attention!

Contact:
Malte Beyer-Katzenberger
malte.beyer-katzenberger@ec.europa.eu
Follow us on Twitter: @EC_opendata
Web: http://tinyurl.com/bpw8xf2