Welcome
to the World
of Standards

ETSI

World Class Standards

SHARE-PSI.EU OBJECTIVES

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and Interoperability (CTI)   **SophiaConf, Sophia Antipolis, July 2011**

"Just as the supply of basic physical infrastructure – power, transport, telecommunications – is essential to the traditional economy, so the supply of basic information 'infrastructure' – core datasets in the major areas of geography, statistics, transport etc. – is essential to the information economy."

ACCESS TO PUBLIC SECTOR INFORMATION: LAW, TECHNOLOGY & POLICY
SYDNEY UNIVERSITY PRESS, 2010

What is PSI?

- Public sector information (PSI) is the data produced and collected by public bodies. It includes (not limited to) statistics, geo-data, legal, financial, and economic data, weather, traffic, etc.

- This <u>raw data</u> can be <u>re-used</u> (aggregated, meshed...) to supply products and services such as navigation systems, weather forecasts, financial and insurance services, etc

- Applications based on re-use of PSI → market is estimated between 15 and 27 billion€/year in EU.

A major policy initiative...

- Digital Agenda for Europe (DAE):
  - "The re-use of (PSI) has been partly harmonised, but additionally public bodies must be obliged to open up data resources for cross-border applications and services."
  - Key action in DAE: review the Directive on Re-Use of Public Sector Information (2012).

- Data.eu (pan-EU data portal in project)

- A cross policy effort: DG INFSO, DiGIT, Justice, Internal Market...

...many opportunities for industry

- Content re-use, aggregation and display
  - Mobile and fixed, cross platform

- e-gov services

- Software and applications development

- Infrastructure for distributed applications, data storage and services –cloud (incl. IaaS, PaaS, SaaS)

- Security and data protection

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- Public procurement in EU for ICT products & services: 118b € in 2007 (source kable.co.uk)

Problem statement

- A nascent market with an explosion of data and initiatives (public and private) but
  - Diverging modes of access
  - Diverging formats
  - Diverging licensing regimes, cost, policy and regulation across EU
  - In search of sustainable ecosystem(s)

- Two fundamental risks
  - Micro-markets limit network effects
  - Dominant players pre-empts markets, freeze innovation

- Interoperability and openness at the core

- The P in PSI
  - Public sector at both ends of the food chain: supplier and (key) user

Share-PSI.eu

Bringing together diverse stakeholders in the European public sector information ecosystem to forge the lightweight agreements and standards that are needed to enable interoperability and integration of public sector information across Europe and beyond.

— Flagged as one of the 5 « Big ideas for the Digital Agenda »
— Support EC DG INFSO (E4)
— Showcased at Digital Assembly (Brussels, 16-17 June)

Share-PSI.eu: architecture of the project

Outreach & Communications

Build support and awareness for the value of pan-European re-use of Public Sector Information→ political buy-in.

Technical Interoperability Enablers

Identify standard roadmap, tooling needs and research agenda to enable broad and easy re-use of PSI across Europe.

Lead: ETSI; W3C

Apps on Display

Use competitions to gather creative ideas and show cases for pan-EU re-use and engage broad public and innovators across Europe.

Lead: Open Knowledge Foundation

Legal Interoperability Enablers

Identify licensing principles that favor pan-European re-use of Public Sector Information.

Lead: NEXA Center for Internet & Society, Politecnico de Torino

Major partners (as of March 2011)

What's happening now

- Applications competition *« Open Data Challenge »*
  - Pan-European competition for innovative re-use
  - 3 strands: Ideas, Applications, Visualizations
  - Result showcased at Digital Assembly (June 16-17, Brussels

- Workshop in Brussels, 10-11 May
- community-building (supporters & beyond) and specifying the terms of the debates (legal, technical, economic)
- Hosted by EC
- Call for papers at http://share-psi.eu/cfp/

- Digital Assembly
- http://ec.europa.eu/information_society/digital-agenda/daa/index_en.htm
  - Share-PSI session (16 June, 10-13)
  - Results and awards of the Apps competition (in plenary?)

Beyond June

- Work plan for standards and interoperability
- Draft licensing recommendations for pan-EU legal interoperability of PSI
- Highlight other technical enablers for pan-EU re-use of PSI (e.g. specific services or tools)
- Advocate the socio-economic value of PSI re-use with more apps on display
- Outreach/buy-in

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Thank you!