

Delivering Public Sector Information policy from local to global

Chris Corbin

**Independent Researcher on Information Society Policy
and**

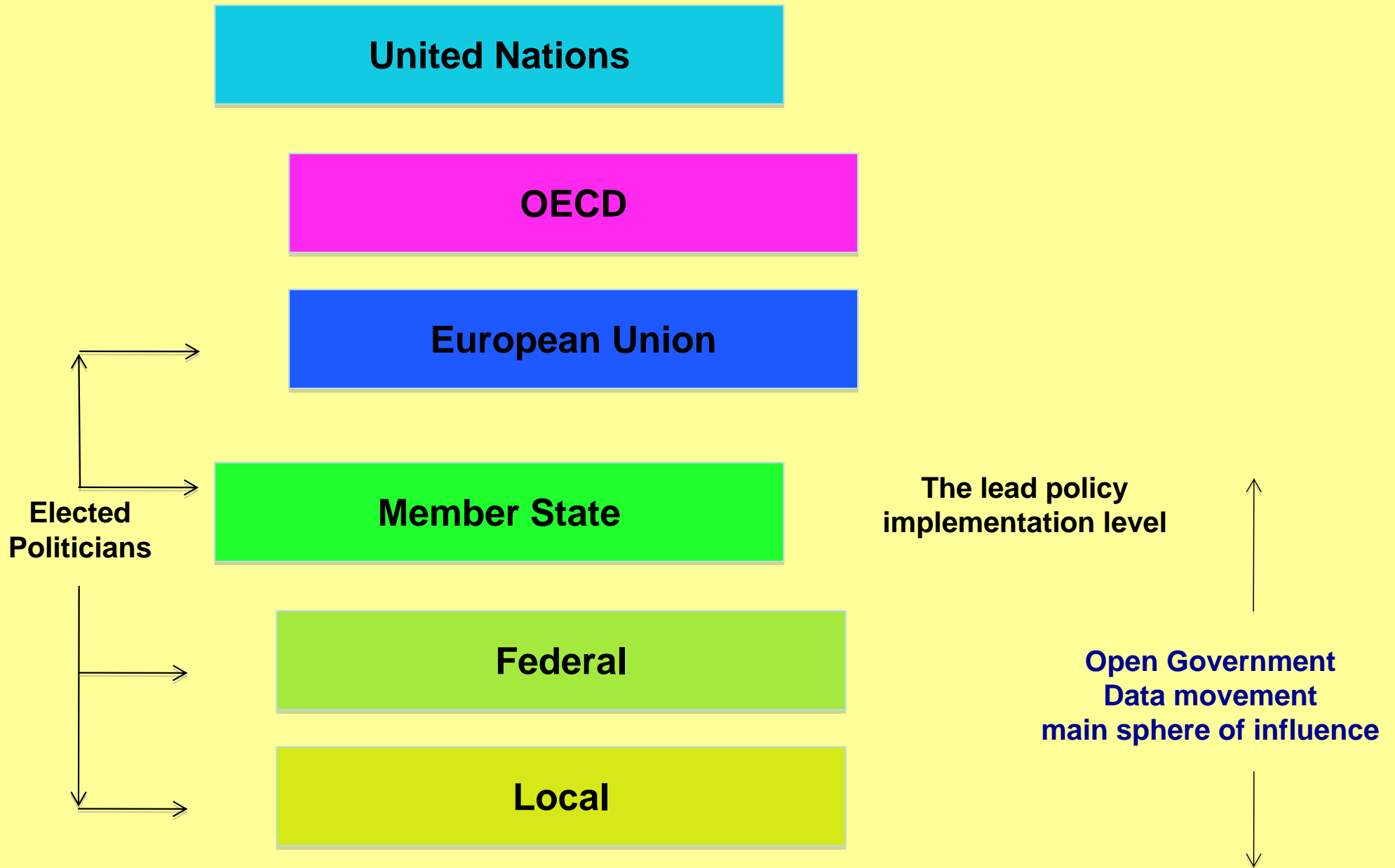
Advisor to the European Public Sector Information Platform

International Conference "Open Access: Research-Education-Public Data"

National Hellenic Research Foundation

Athens, 17th December 2010

Implementing policy across a multi-level political system



Public Sector Information

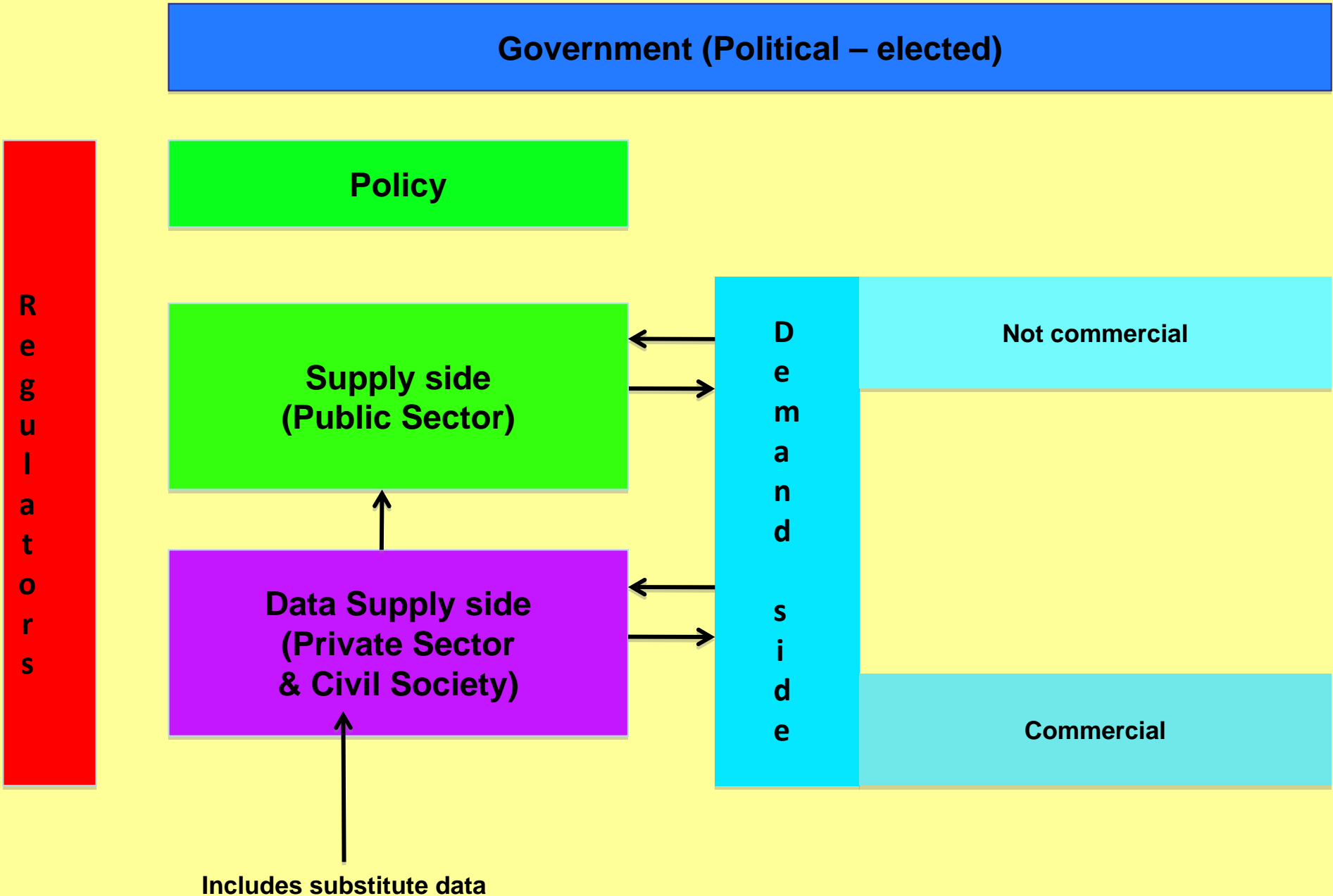
Public Sector Information is very broad and embraces many types and categories of data and information.

Public Sector Information is held by many different public sector bodies at different layers of government.

Public Sector Information involves a large number of public sector employees that are constantly flowing through the system.

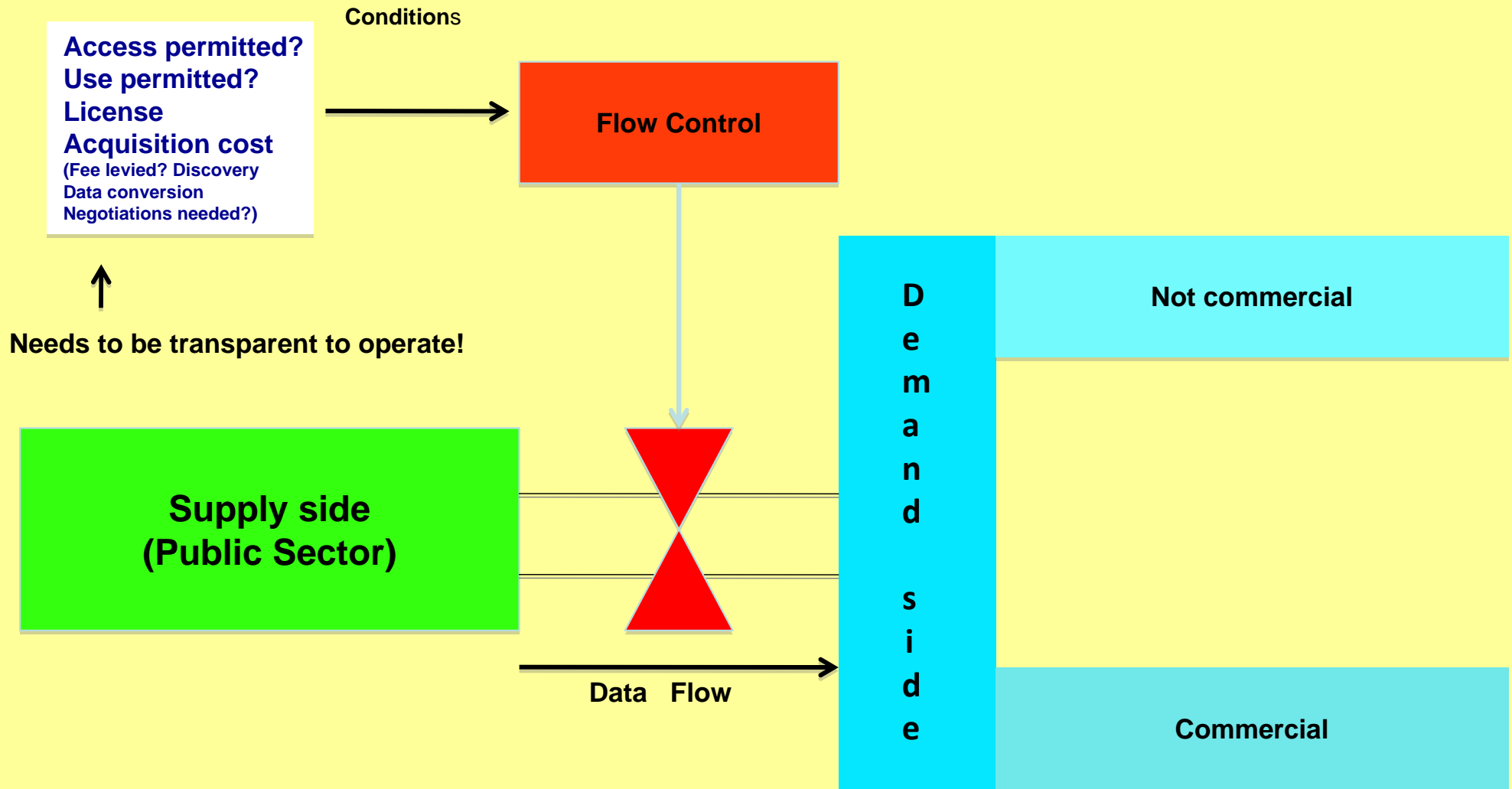
The structure of the public sector is dynamic.

With the above in mind SIMPLE FLEXIBLE POLICIES are proven to be the most effective.



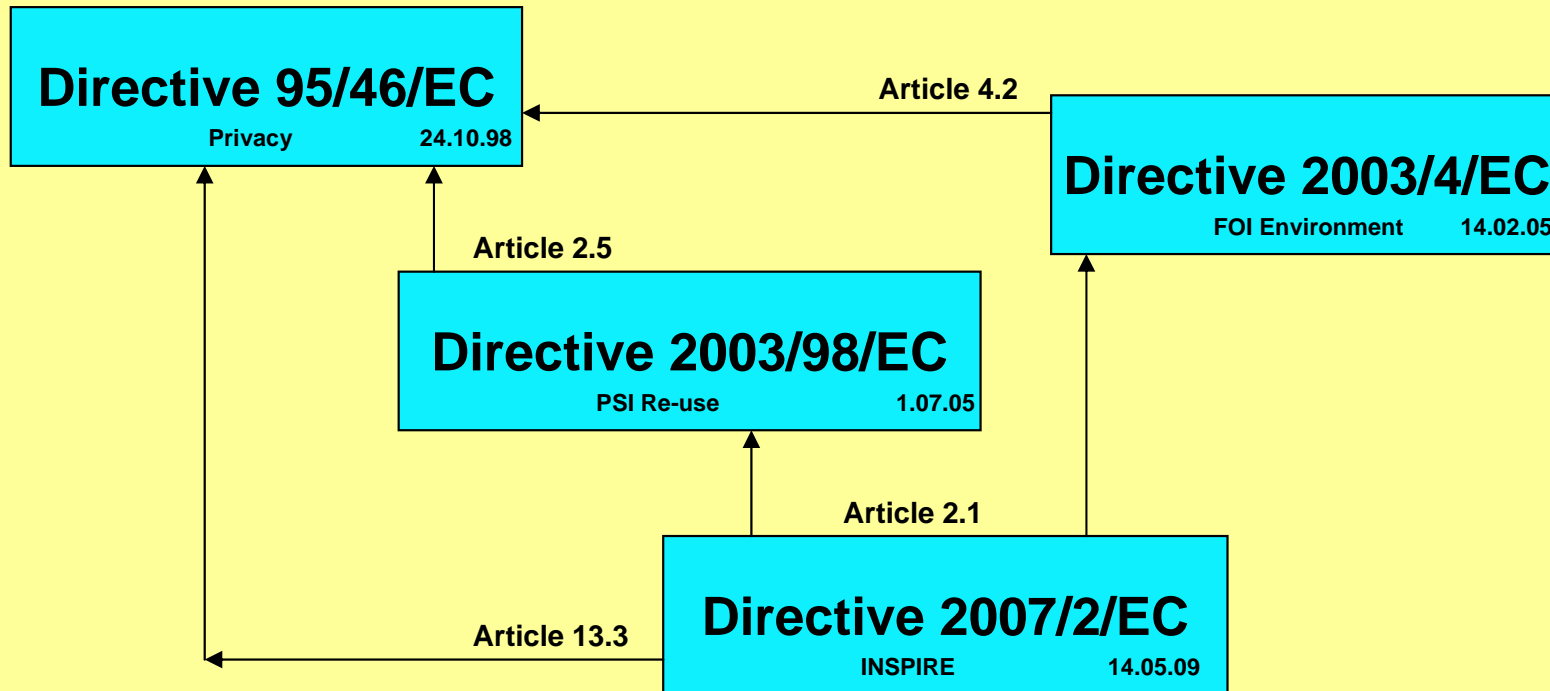
Modelling the PSI re-use framework

Directive 2003/98/EC & MS transposition



Data flow maximised when (Access is permitted + All uses permitted + Free + No License + no intermediaries)
Data flow reduced when (Access sometimes permitted + Some uses permitted + Fee levied + License needed)
No data flows when (Access is not permitted (or) Fee levied is to high) (or) The conditions for use are too onerous)

European Union - legal base relationships



All Directives listed appertain:

- to data either access too or use of;
- to all parts of society

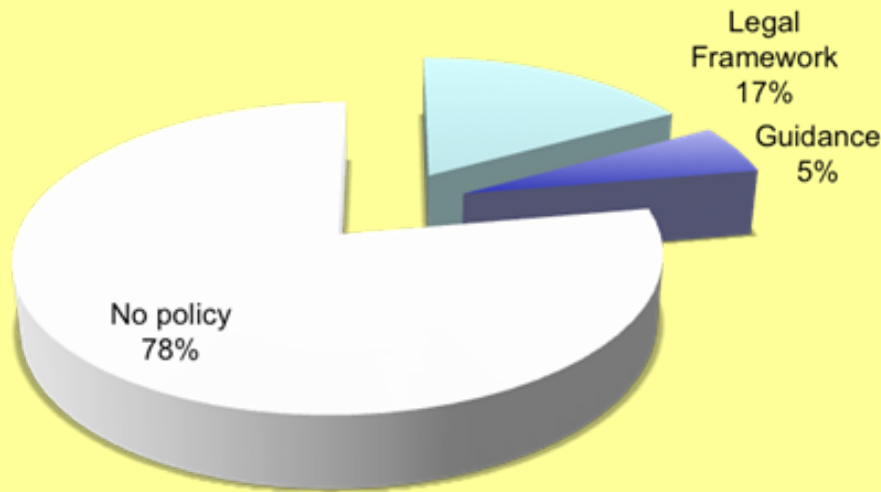
Within Member States the lead public body and the regulator is different for one or more of the Directives listed.

AND

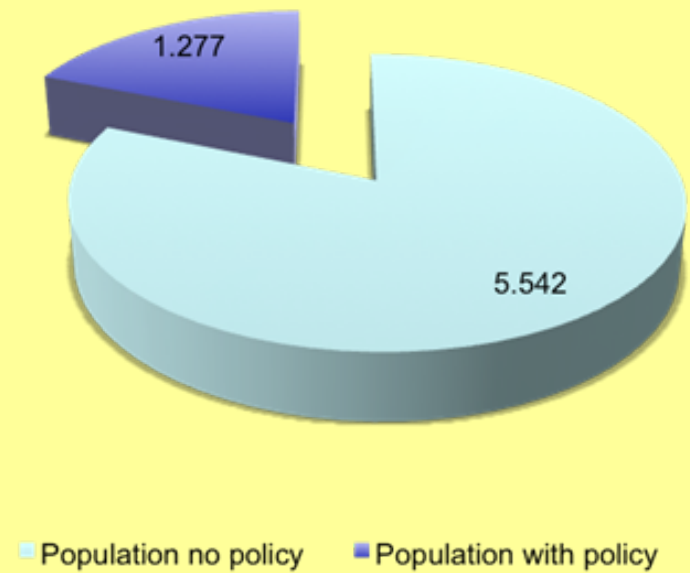
- reflect the time they were first drafted
- drafting builds on earlier Directive (learning from the experience of implementation)

Public Sector Information Re-use: a Global perspective

Global: % of Countries adopted a public sector information re-use policy



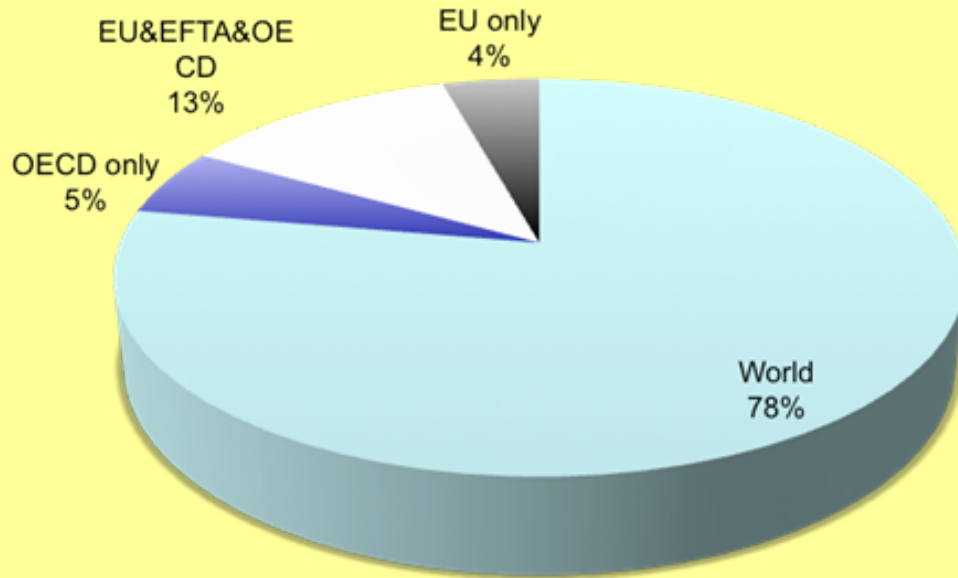
World population covered by PSI re-use policy (Billions)



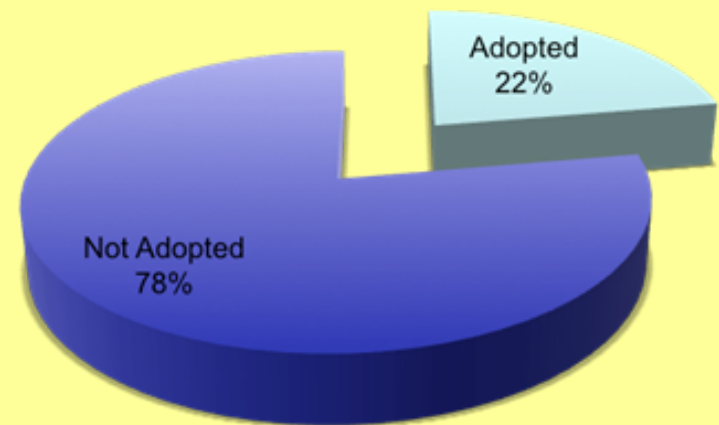
Population no policy Population with policy

Public Sector Information Re-use: a Global perspective

Global adoption of Public Sector Information re-use Policy



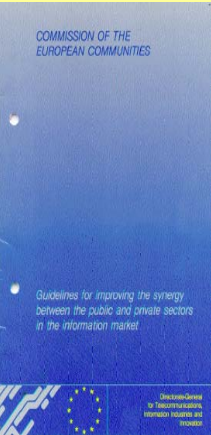
Adoption of PSI Re-use policy by Global Regions or Economic Groups



Anniversary	Event
21st	PSI re-use guidelines were adopted in the European Union
10th	March 2000, Lisbon Treaty – The Knowledge Economy by 2010!
7th	PSI re-use Directive came into force in the European Union
5th	PSI re-use Directive came into force in Member States
2nd	OECD PSI Policy Principles adopted
1st	Commission Communication on the implementation of the Directive

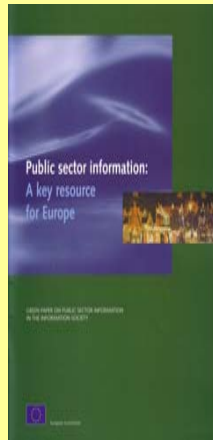
As at 17th December 2010

MS = 12



1989

MS = 15



1999

MS = 25



2004

EC Commissioned studies



2005



2006

MS = 27
Europe has Implemented the PSI Framework



April

2008



June



2008



May

2009

The global spread & the 30 year story!
20 Year Summary

1st Decade: (1989-1998)
Much talk but little action!

2nd Decade (1999-2008):
Set of laws put in place, a lot of action, awareness raised, but a number of stubborn issues persist, review completed.

3rd Decade (2009-2018): Making it work!

OECD in parallel
Member States such as New Zealand & Australia acting on OECD policy

Monitoring of PSI – Re-use within Europe

European Commission Almost 9 years continuous monitoring 2002 through to 2011

ePSINet (Monitoring EU15)
1 August 2002 to 31 January 2005 (30 months)

Athens hosted final
conference
January 2005

The past - completed

ePSINetCee (Monitoring EU10)
1 March 2004 to 30 September 2005 (18 months)

50 Reports published,
400+ presentations published
1300+ news items posted

ePSIplus (Monitoring EU27)
1 September 2006 to 28 February 2009 (30 Months)

Current

European Public Sector Information Platform
1 March 2009 to 28 February 2011 (24 Months)

Future

European Public Sector Information Platform
1 March 2011 to 28 February 2013 (24 Months)

**COMPETITIVENESS AND INNOVATION FRAMEWORK
PROGRAMME (CIP) ICT POLICY SUPPORT
PROGRAMME ICT PSP WORK PROGRAMME
2010.**

8 August 2010 - A public tender announced for the
Follow up to the PSIplatform

Home - ePSIplus - Public Sector Information

http://www.epsiplatform.eu/

Home - ePSIplus - Public Sector I...

European Public Sector Information (PSI) Platform
Europe's One-Stop Shop on Public Sector Information (PSI) Re-use

News Guest Blogs PSI Data Catalogues Topic Reports PSI Library Examples Forum Contacts

Home

News Highlights

Opening Up Local Data - Registration is open for our open meeting in Rennes. Registration is open for our Rennes meeting on the opening up of local data.

The professional association GEOkomm e.V. and Open Data Networks agree closer cooperation. Closer co-operation between the Association of GEOkomm e.V. and Open Data Networks and the creation of a PSI working group will help promote further development of the use of public geodata.

Open meeting: Open Data and Re-use: what is happening at local levels in Europe? Today you are welcomed, by Daniel Kaplan at La Picnic in Amsterdam, to an open meeting on opening up local data organised in partnership with La Ville de Rennes, Le Conseil Régional Bretagne, GFII and ePSIplatform

European Commission Launches Digital Agenda: Consultation on PSI Policy and Directive Everyone

Home

29 November 2010
Rennes, France

OpenData and Re-use: what is happening at local levels in Europe?
[View Details](#)

METROPOLE RENNES, BRETAGNE, ePSIplatform, Fing, PSI Alliance*, e-mégalis, gfii

Europe's One-Stop Shop on Public Sector Information (PSI) Re-use

Working to Stimulate PSI Re-use

The aim of the ePSIplatform is to stimulate action, report developments and monitor progress towards a stronger and more transparent environment for the growth of national and European PSI re-use markets.

Interactive One-Stop Shop

- News about European and International PSI re-use Developments
- Emerging Good Practices
- Examples of New PSI Re-use Products and Services
- Information about Legal cases on PSI Re-use
- Discussion, Communication and Information Sharing across the European PSI community
- Expert PSI Community Meetings (two meetings per year)
- Guest Bloggers from the European PSI Community
- PSI Topic Reports - Analytical Briefings on PSI Re-use (across sectors and issues)

Network of European Country Representatives

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Latest News

W3C Gov Linked Data Working Group Charter W3C, the World Wide Web Consortium, has published a draft of the Government Linked Data Working Group Charter.

Dutch Public Broadcaster Set to Open Up Data with API Dutch public

Transferring data from www.epsiplatform.eu...

The PSI Re-use framework is predicated on **TRANSPARENCY**

New from Sydney University Press

Access to public sector information: law, technology & policy

Volume 1 & 2, edited by Brian Fitzgerald

On the back of the growing capacity of networked digital information technologies to process and visualise large amounts of information in a timely, efficient and user-driven manner we have seen an increasing demand for better access to and re-use of public sector information (PSI). The story is not a new one. Share knowledge and together we can do great things; limit access and we reduce the potential for opportunity.

The two volumes of this book seek to explain and analyse this global shift in the way we manage public sector information. In doing so they collect and present papers, reports and submissions on the topic by leading authors and institutions from across the world. These in turn provide people tasked with mapping out and implementing information policy with reference material and practical guidance.

Volume 1 draws together papers on the topic by policymakers, academics and practitioners while Volume 2 presents a selection of the key reports and submissions that have been published over the last few years.



Sydney University Press • Fisher Library, Level 5 • The University of Sydney NSW 2006
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You can order online at:

Vol.1 <http://purl.library.usyd.edu.au/sup/9781920899394>

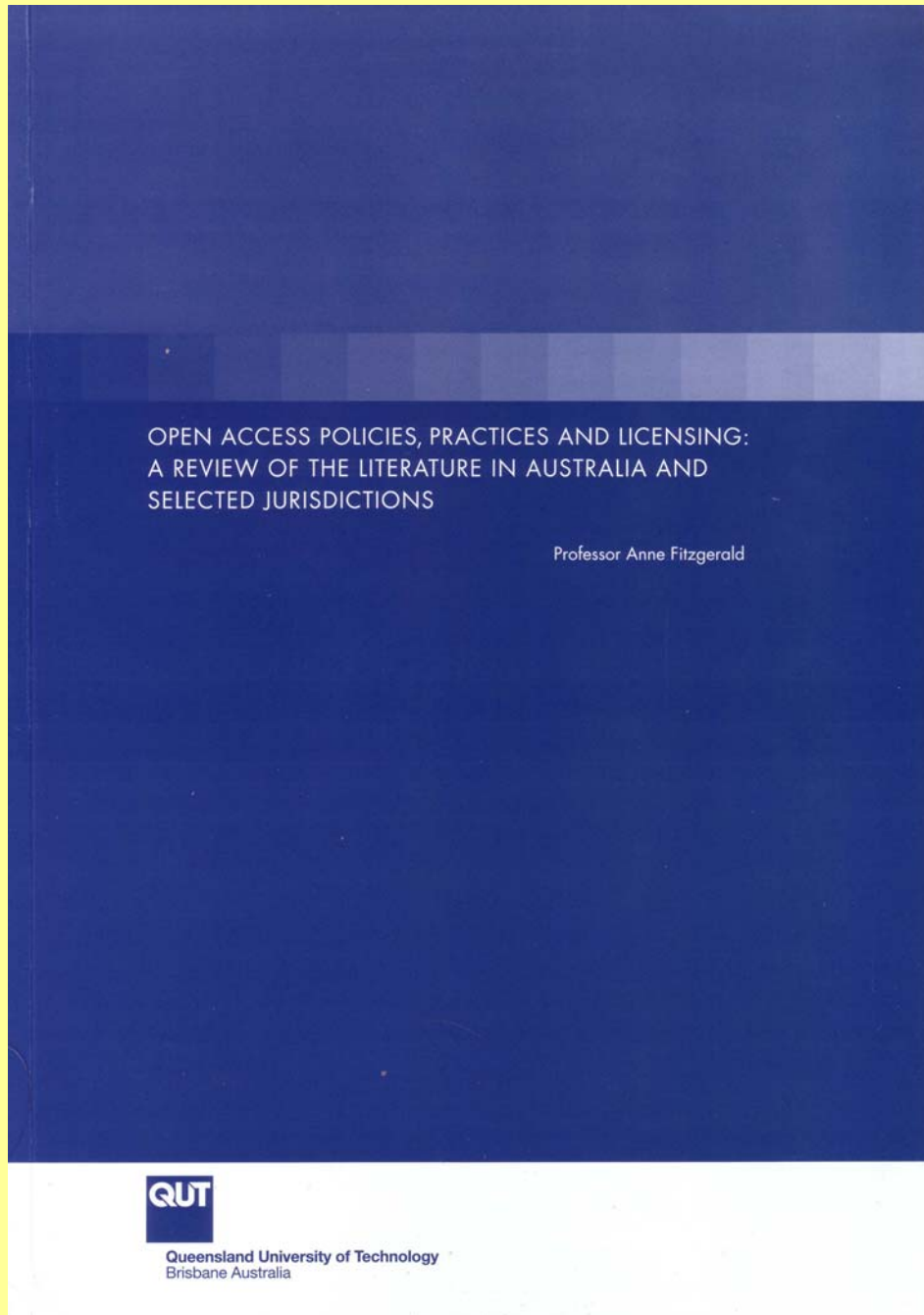
Vol.2 <http://purl.library.usyd.edu.au/sup/9781920899509>

Two-vol. set <http://purl.library.usyd.edu.au/sup/9781920899547>



Includes: OECD & Countries: Australia, New Zealand, Netherlands, UK, USA

PSI Re-use – Global Interest continued

**Literature Review includes:**

- **Australia**
- **Canada**
- **Europe**
- **International**
- **New Zealand**
- **USA**

Published 2009 by

QUT, Brisbane, Australia

Date	Event
11 November 2009	The Visby Declaration
18 November 2009	Malmö Ministerial Declaration on 21st century Europe
19 April 2010	Granada Ministerial Declaration on the European Digital Agenda
19 May 2010	European Commission publishes the Communication on the Digital Agenda
26 May 2010	Creating an innovative Europe 3016 th COMPETITIVENESS Council meeting
3 Dec 2010	Telecoms Council invites the Commission to propose by 2012 a revision of the Re-use of Public Sector Information (PSI) Directive, taking into account the results of the public consultation and, making, where appropriate, public sector data easily available as a resource for innovation.
15 Dec 2010	European Commission publishes the Communication on the <i>The European eGovernment Action Plan 2011-2015</i>

As at 17th December 2010

The EU at the macro policy level is still committed to exploiting public sector information

The European Commission 5th Ministerial eGovernment Conference:
(Malmö, Sweden on the 18th November 2009)

The importance of the re-use of PSI was endorsed and re-iterated. (Almost 10 years since the March 2000, Lisbon Treaty)

Under paragraph 11 of the Declaration, public administrations should therefore:

“Increase availability of public sector information for re-use. We will increase availability of public sector information for reuse, in accordance with the spirit of and the conditions established by Public Sector Information Directive 2003/98/EC. We will encourage the reuse of public data by third parties to develop enriched services that maximise the value for the public. New demanded information products and services enabled by the reuse of public sector information will support the transition of Europe to a knowledge-based economy.”

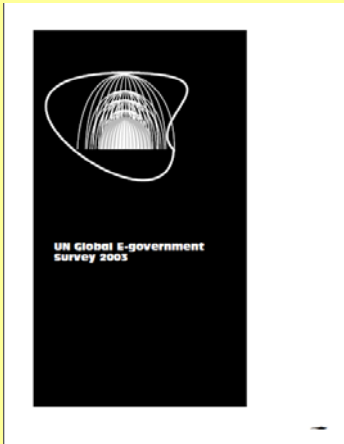
Source: http://www.epsiplatform.eu/news/news/ministerial_declaration_on_21st_century_europe

The European Commission published a Communication titled *The European eGovernment Action Plan 2011-2015 - Harnessing ICT to promote smart, sustainable & innovative Government* Brussels, 15 December 2010 COM(2010) 743

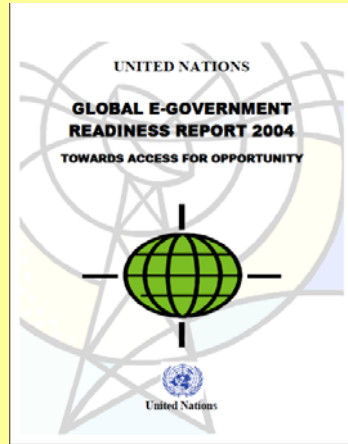
Section 2.1.3. Re-use of Public Sector Information states:

- **2011 Member States will agree on a common set of PSI re-use indicators.**
- **2011 The Commission will conduct a study to assess to what extent open data catalogues and/or PSI portals (e.g. data.gov.uk) have been developed and implemented by Member States.**
- **2011- 2013 The Commission will facilitate exchanges of good practice and awareness-raising activities and will adopt its own internal PSI re-use strategy based on a review of the PSI Decision.**
- **2011- 2012 The Commission will review the PSI Directive, as indicated in the Digital Agenda for Europe, and will consider the possibility of an extended strategy for European PSI.**

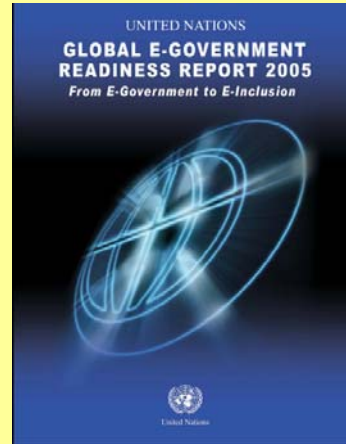
Global: United Nations E-Government Surveys



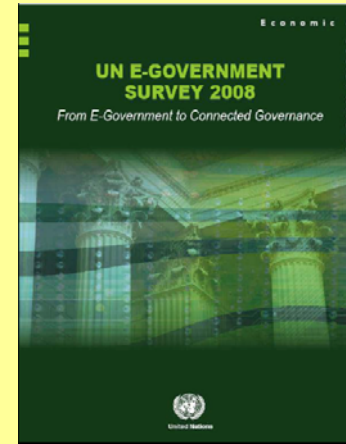
2003



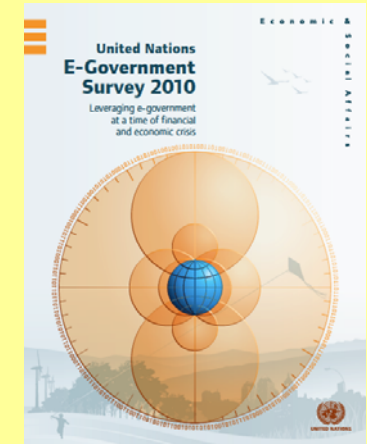
2004



2005



2008



April 2010

Year	Mentions “open data”	Mentions “data sharing”
2003	No	No
2004	No	No
2005	No	No
2008	No	Yes
2010	Yes	Yes

Stage 1 Emerging information services

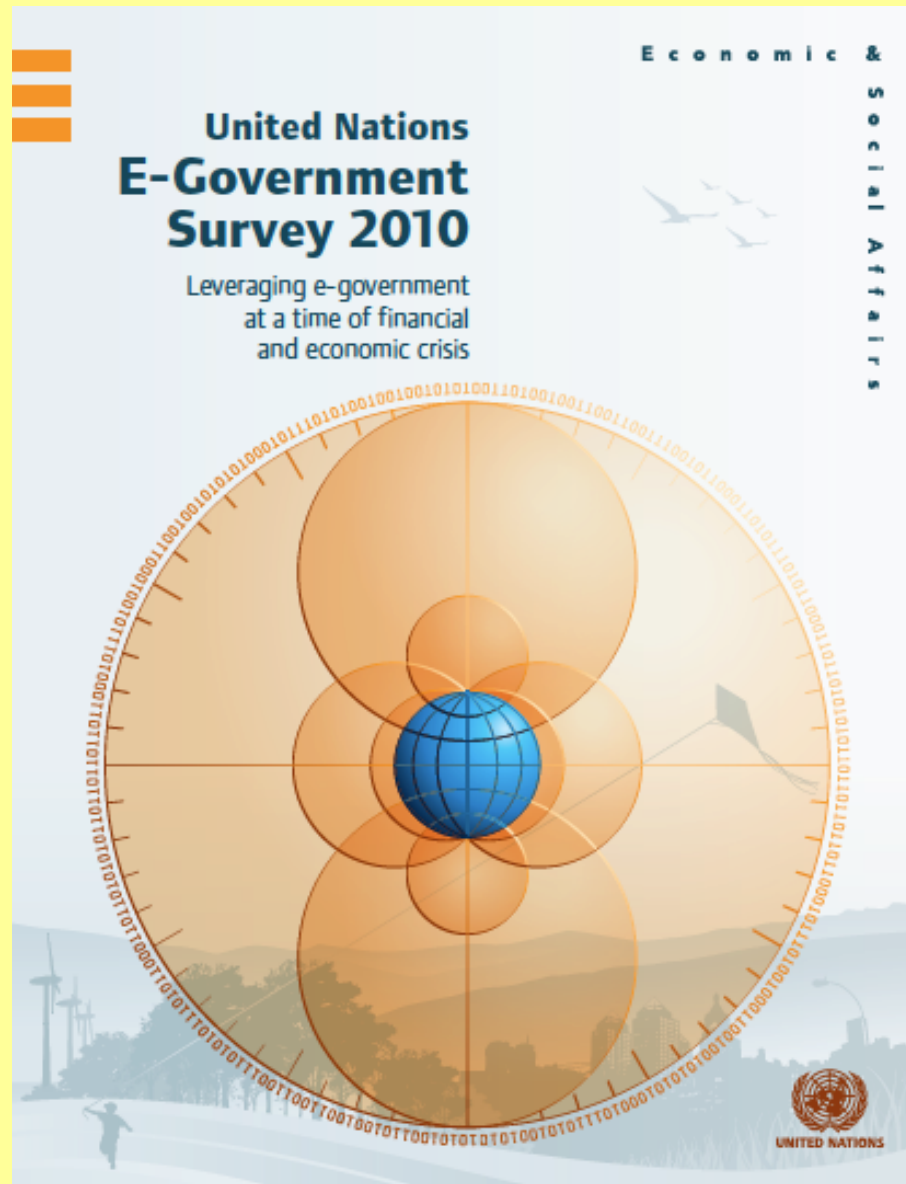
Stage 2 Enhanced information services

Stage 3 Transactional services

Stage 4 Connected services

http://www2.unpan.org/egovkb/global_reports/index.htm

Global: United Nations E-Government Survey 2010



Chapter 1: Stimulus funds, transparency and public trust

Section 1.3.2 The Economics of open data (Pages 17 & 18)

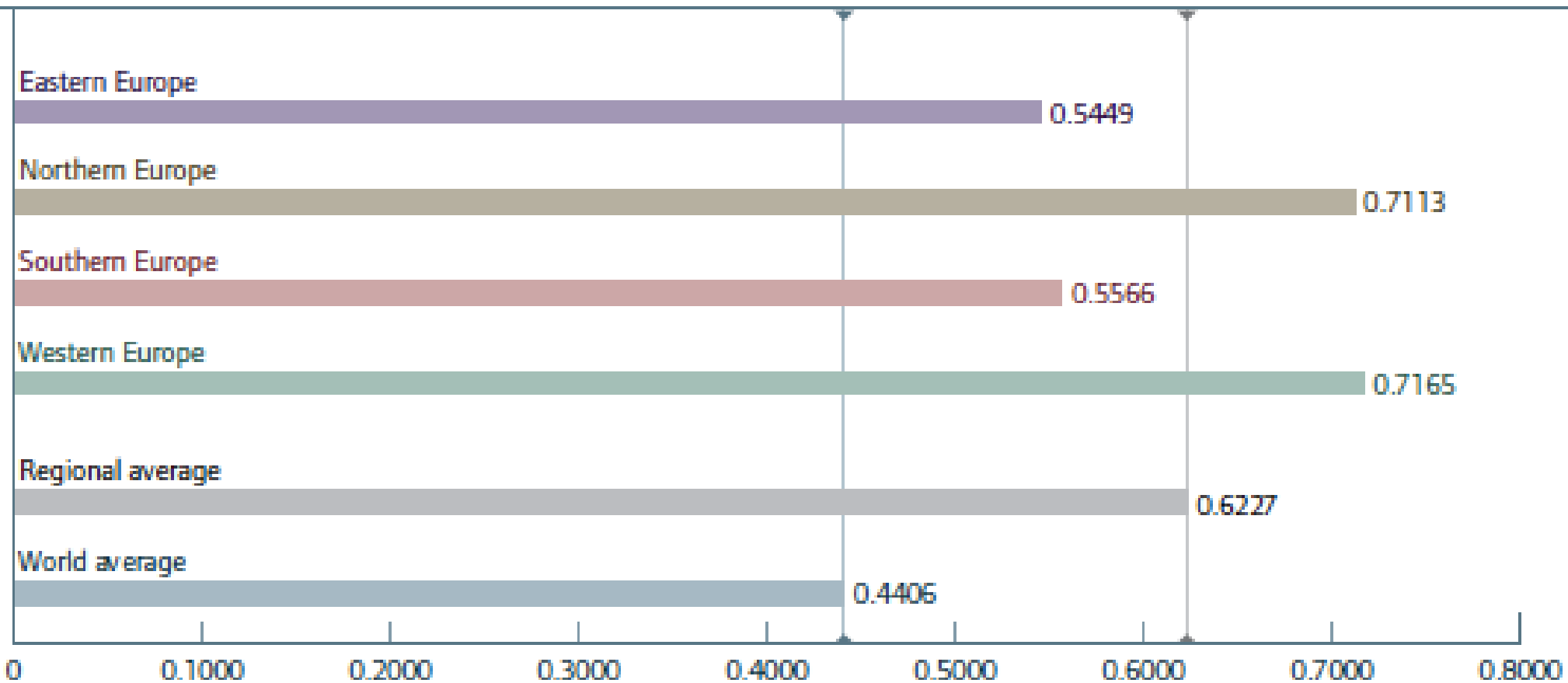
Regional Group: Ranking

Europe:	0.6227
Americas:	0.4790
Asia:	0.4424
Oceania:	0.4193
Africa:	0.2733

http://www2.unpan.org/egovkb/global_reports/10report.htm

Global: United Nations E-Government Survey 2010

Figure 4.5 E-government development in Europe



Source: United Nation E-Government Survey 2010, Chapter 4, Page 72

Leading EU Member States – PSI re-use

EU Member States Leading on PSI re-use	UN E-Government development index World Ranking
Denmark	7
Finland	19
France	10
Netherlands	5
Slovenia	29
Spain	9
UK	4

Greece UN E-Government Index = 41

European Commission sets an example on PSI re-use

17 November 2003

EU Directive 2003/98/EC approved and published 31 December 2003

7 April 2006

European Commission Decision 2006/291/EC published on PSI Re-use within EC

May 2006

European Commission Joint Research Centre Acquis multilingual parallel corpus released for re-use

April 2007

European Union Joint Research Centre Version 3 of the Acquis released – 22 languages

November 2007

European Commission Directorate General for Translation released the multilingual Translation Memory for the Acquis Communautaire

“The data releases of DGT and JRC are in line with the general effort of the European Commission to support multilingualism, language diversity and the re-use of Commission information.”

Source: <http://langtech.jrc.it/DGT-TM.html>

The DGT Multilingual Translation Memory of the Acquis Communautaire: DGT-TM

“As of November 2007, the European Commission's *Directorate-General for Translation* (DGT) made publicly accessible its multilingual Translation Memory for the *Acquis Communautaire* (the body of EU law) - a collection of parallel texts (texts and their translation, also referred to as bi-texts) in 22 languages.”

Source: <http://langtech.jrc.it/DGT-TM.html>

European Parliament

4 May 2010

E-3436/10 WRITTEN QUESTION by Evelyn Regner (S&D) to the Commission

Subject: Translated EU documents used by Google to develop its language software

1 July 2010

E-3436/10 Answer given by Mrs Kroes on behalf of the Commission

<http://www.europarl.europa.eu/sides/getDoc.do?pubRef=-//EP//TEXT+WQ+E-2010-3436+0+DOC+XML+V0//EN>

<http://www.europarl.europa.eu/sides/getAllAnswers.do?reference=E-2010-3436&language=EN>

UK – PSI Data Catalogues

The screenshot shows the data.gov.uk website in a browser window. The browser's address bar displays 'http://data.gov.uk/'. The website header includes the HM Government logo and a 'Log In or sign up' link. The main heading is 'data.gov.uk BETA Opening up government', with a search bar below it. A navigation menu contains links for Data, Apps, Ideas, Forum, Wiki, Blogs, Linked Data, Resources, and About. A large banner image of the Houses of Parliament at night is featured, with the text: 'Data.gov.uk is where you'll find public data all in one place. Why not start with Government spending?'. To the right of the banner, a section titled 'Over 5,300 datasets to view Inside Government Data' lists three items: 'Government spend over £25,000, by department', 'Who does what in Whitehall - and how much are they paid?', and 'Hospitality, gifts and expenses'. Below this is a 'Share this' section with social media icons. At the bottom, there are three columns: 'Data' (with a description: 'Looking for something specific, or just want to know more about how Government spends your...'), 'Apps' (with a description: 'Want your phone to wake you when you get to your train station? Discover over 100 apps...'), and 'Tags' (with a description: 'Can't decide where to start? You can browse the data by clicking on popular topics. Try one of...').

UK – PSI Data Catalogues

Welcome to the London DataStore | London DataStore

http://data.london.gov.uk/

GREATERLONDONAUTHORITY

london.gov.uk

london datastore Search Datastore → RSS feeds

Datastore

- Datasets A-Z
- Categories
- Keywords
- Organisations
- Search Datasets
- Request Dataset
- Popular Suggestions
- Latest Suggestions
- Blog
- Inspirational Uses
- Useful Links
- Digital Advisory Board
- About
- FAQs

A first step towards freeing London's data

Visualisation by [ITO Works](#) using London Transport data

Welcome to the London Datastore

The London Datastore has been created by the Greater London Authority (GLA) as an innovation towards freeing London's data. We want citizens to be able access the data that the GLA and other public sector organisations hold, and to use that data however they see fit – free of charge. The GLA is committed to influencing and cajoling other public sector organisations into releasing their data here too.

Releasing data though is just half the battle. Raw data often doesn't tell you anything until it has been presented in a meaningful way. We want to encourage the masses of technical talent that we have in London to transform rows of text and numbers into apps, websites or mobile products which people can actually

Share with

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- del.icio.us
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- Twitter
- StumbleUpon

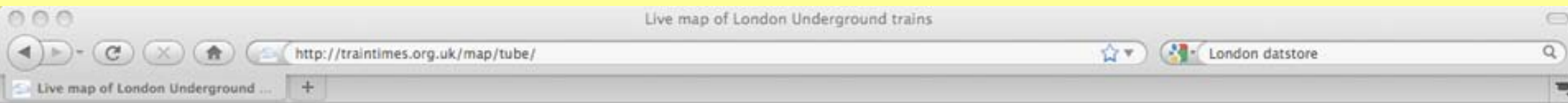
Latest blog entry

[Guess What's Back? Tracknet Returns](#)
14TH DECEMBER 2010

When it comes to freeing the data, we

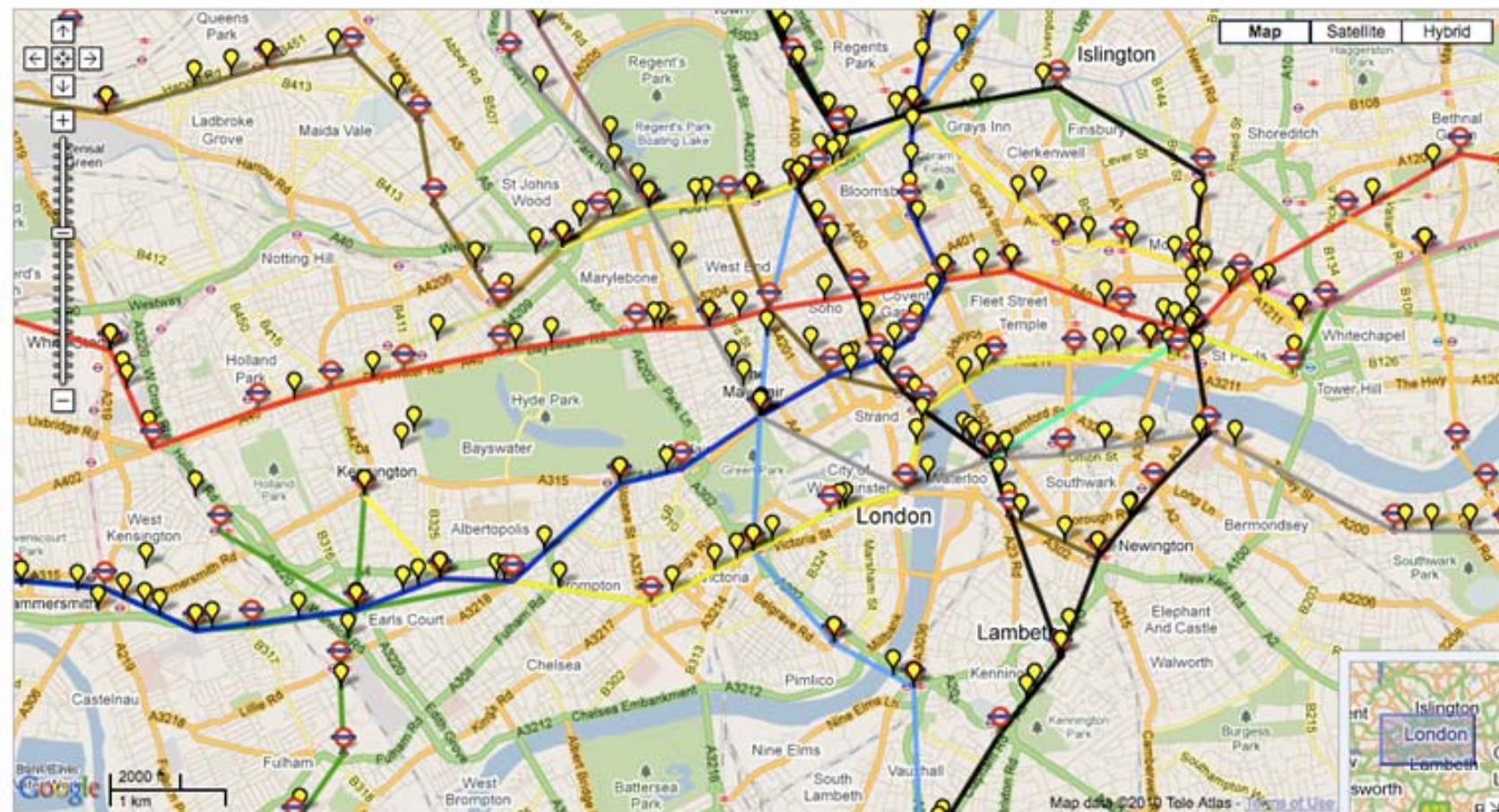
Done

Source: <http://data.london.gov.uk>



Live train map for the London Underground

Data collected: Wed, 15 Dec 2010 08:46:03 +0000



Update [Hide](#)
 The TfL API is [back!](#)

What is this?
 This map shows all trains (yellow pins) on the London Underground network in approximately real time ([screenshot](#)). Click the stations for a local map of that station. I have a (per-station) [National Rail version](#), and a [bookmarkable train times planner](#).

How does it work?
 Live departure data is fetched from the [TfL API](#), and then it does a bit of maths and magic. It's surprisingly okay, given this was done in only a few hours at [Science Hackday](#) on 19/20th June 2010, and the many naming/location issues encountered, some unresolved. A small number of stations are misplaced or missing; occasional trains behave oddly; some H&C and Circle stations are missing in the TfL feed.

Who did this?
[Matthew Somerville](#) (with helpful hindersances from [Frances Berriman](#) and [James Aylett](#)). Station icon by [Tim](#)

Done

European e-Justice Portal

europa.eu https://e-justice.europa.eu/home.do?action=home&lang=en&sufix=7

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News

- Call for expression of interest with a view to establishing a Group of Experts on the attachment of bank accounts
- The European Commission invites companies to participate in the consultation about European Contract Law.
- Romania adopts the "Small Reform Law"

All news

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You can log in to the portal for the purpose of personalisation

- First registration

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europa.eu https://e-justice.europa.eu/contentPresentation.do?idTaxonomy=2&lang=en&vmac=SQDyT74o0OpUb7-qll

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Law

Law is a system of rules created and enforced by public institutions. Law is a major determining factor of society that shapes the political, economic and social environment and essentially contributes to social peace. Therefore, it is crucial for every citizen to be informed about the applicable law.



The European Union (EU) and its Member States are founded on the rule of law, the principle of democracy, and respect for human rights and fundamental freedoms. This means that the law is above everyone and applies to everyone, and that it is adopted under a democratic procedure. Any acts and decisions taken by the state and/or its public authorities have to be in line with its law. In particular, the law guarantees the citizens' fundamental rights and freedoms.

Each of the EU Member States has its own law, legal system and constitutional requirements and procedures for the adoption of law. In addition, all Member States are bound by the law of the European Union and by international law.

Please consult relevant subpages to find more information on:



- The law of its [Member States](#), and
- [International law](#)
- The law of the [European Union](#),

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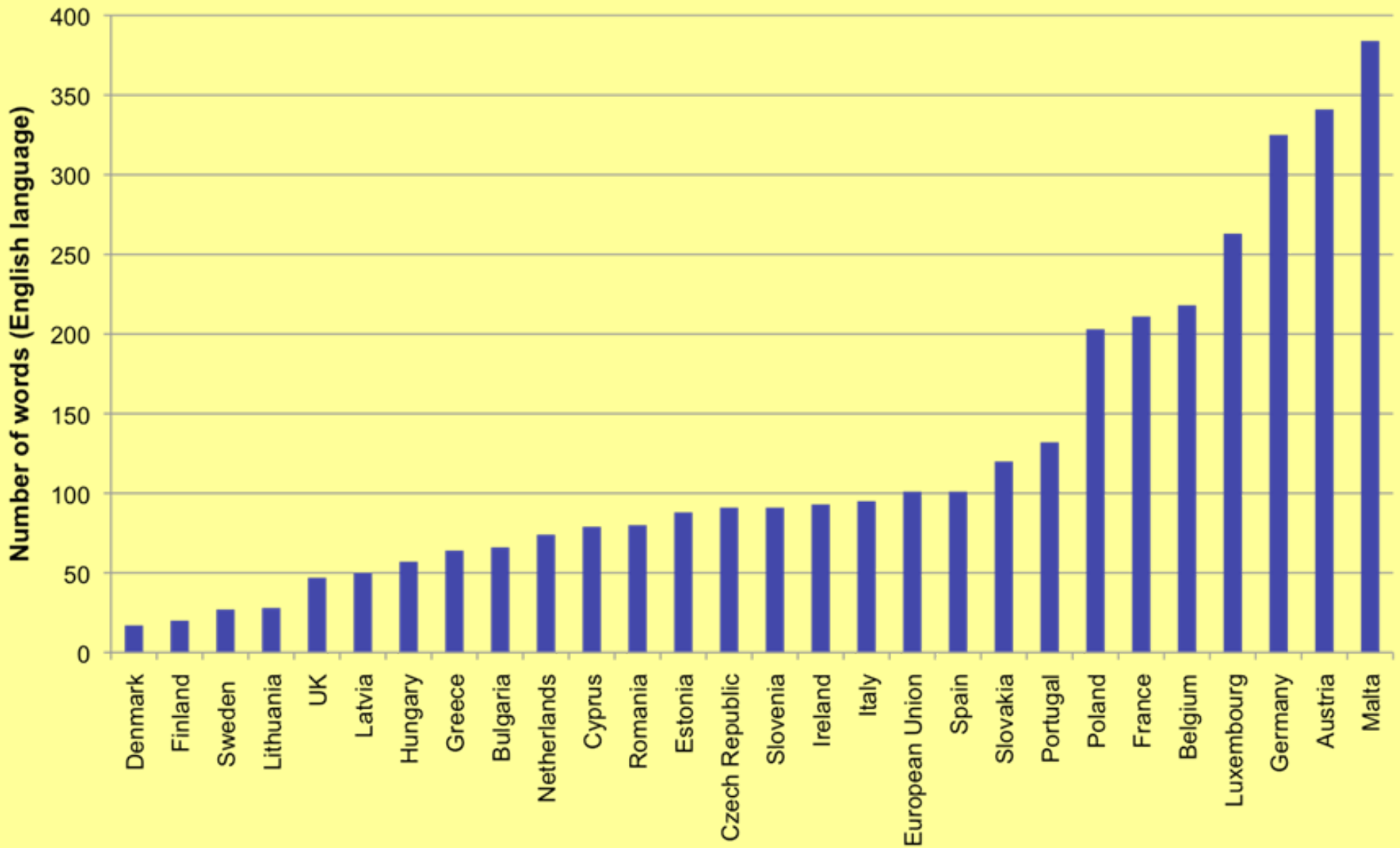
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EU E-Justice portal: Analysis of Member State Copyright statements



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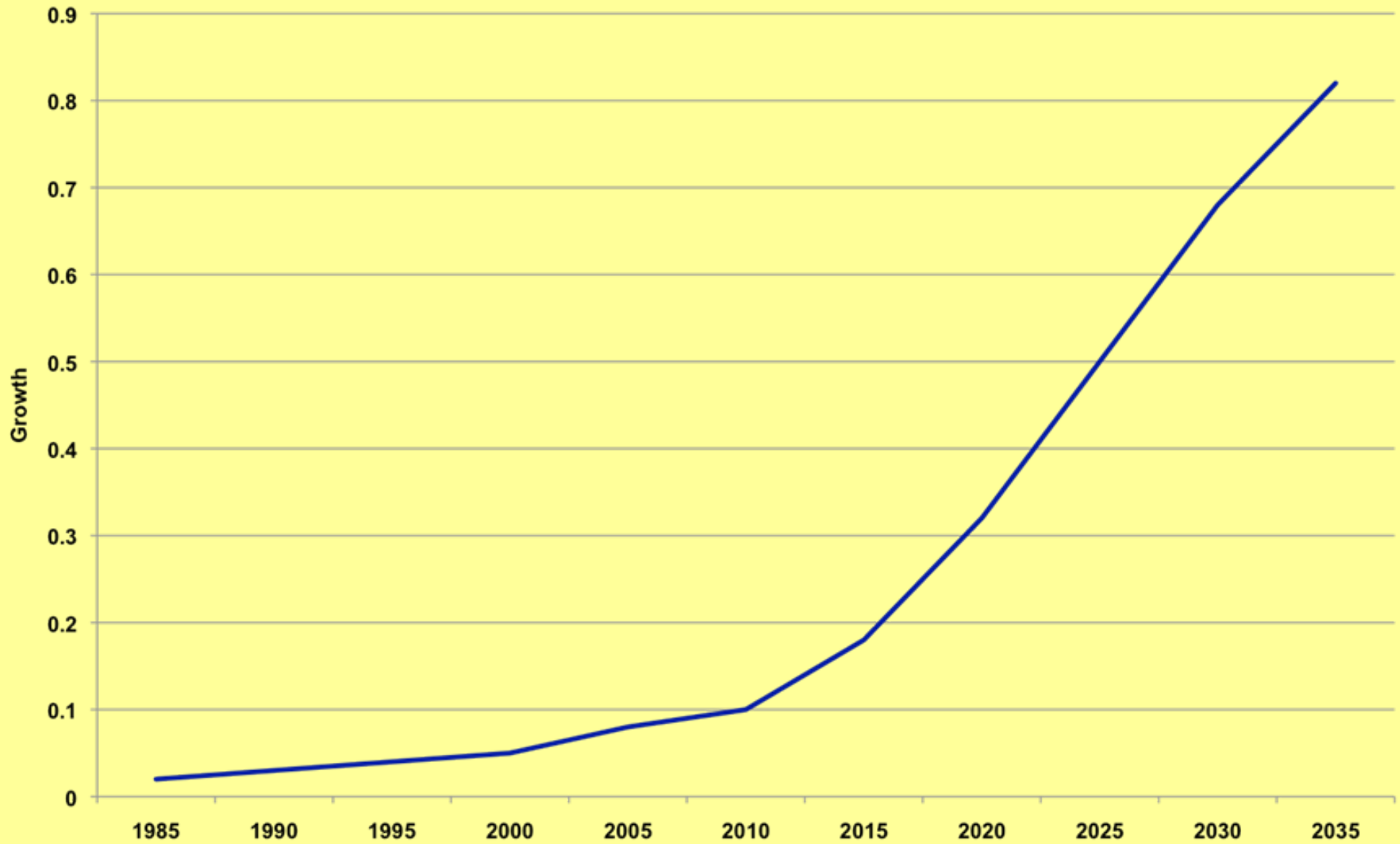
580 replies to the public consultation on the [#psi](#) directive! we are preparing a report now. [#psi_policy 8:06 AM Dec 1st](#) via web

European Commission presentation on PSI Re-use at the Symposium of the Permanent Committee on Cadastre in the European Union, Brussels, 9th December 2010 reported on the recent Consultation that closed on 30th November 2010 that:

89% (516 respondents) of the respondents indicated that PSI re-use has not reached its full potential in Europe?

European Union: PSI re-use growth

EU PSI Re-use growth curve (an estimate)



Implementing the PSI re-use policy

- **It is a complex area as it involves many organisations, people, layers of Government, cultures, languages to name a few.**
- **EU & EFTA Member States are at different stages of development**
- **European Commission? Is active on delivering the action plan set out in Communication**
- **Member States? Apart from a small number – they are NOT delivering the action plan**
- **Civil Society? Increasing activity across Member States – the Public Sector is loosing the initiative**
- **Over the past 24 months huge growth in PSI stakeholders, capacity building is in progress, knowledge transfer is occurring**
- **At the Global level the European economic area is leading, OECD Members closely behind, with the rest of the world observing with interest but not yet convinced they should adopt the policy.**

PSI re-use is:

- happening and is growing all across the world (It is global!)
- not new – what is new is the electronic aspects, the machine to machine aspects, the active involvement of Society.
- here to **STAY** (So we need to learn to live with it and adapt)
- not homogeneous so many stakeholders think they are unique!

Awareness is:

- growing at the political level in a number of countries around the world.
- growing that public sector information holder business models formulated and implemented prior to the Internet age are no longer fit for purpose.
- Growing that **SIMPLICITY** is the key to delivering the PSI Re-use policy

Thank you for your attention

Interested in PSI? Then why not visit:

www.epsiplatform.eu

&

http://ec.europa.eu/information_society/policy/psi/index_en.htm