



**JOINING UP GOVERNMENTS**

EUROPEAN  
COMMISSION



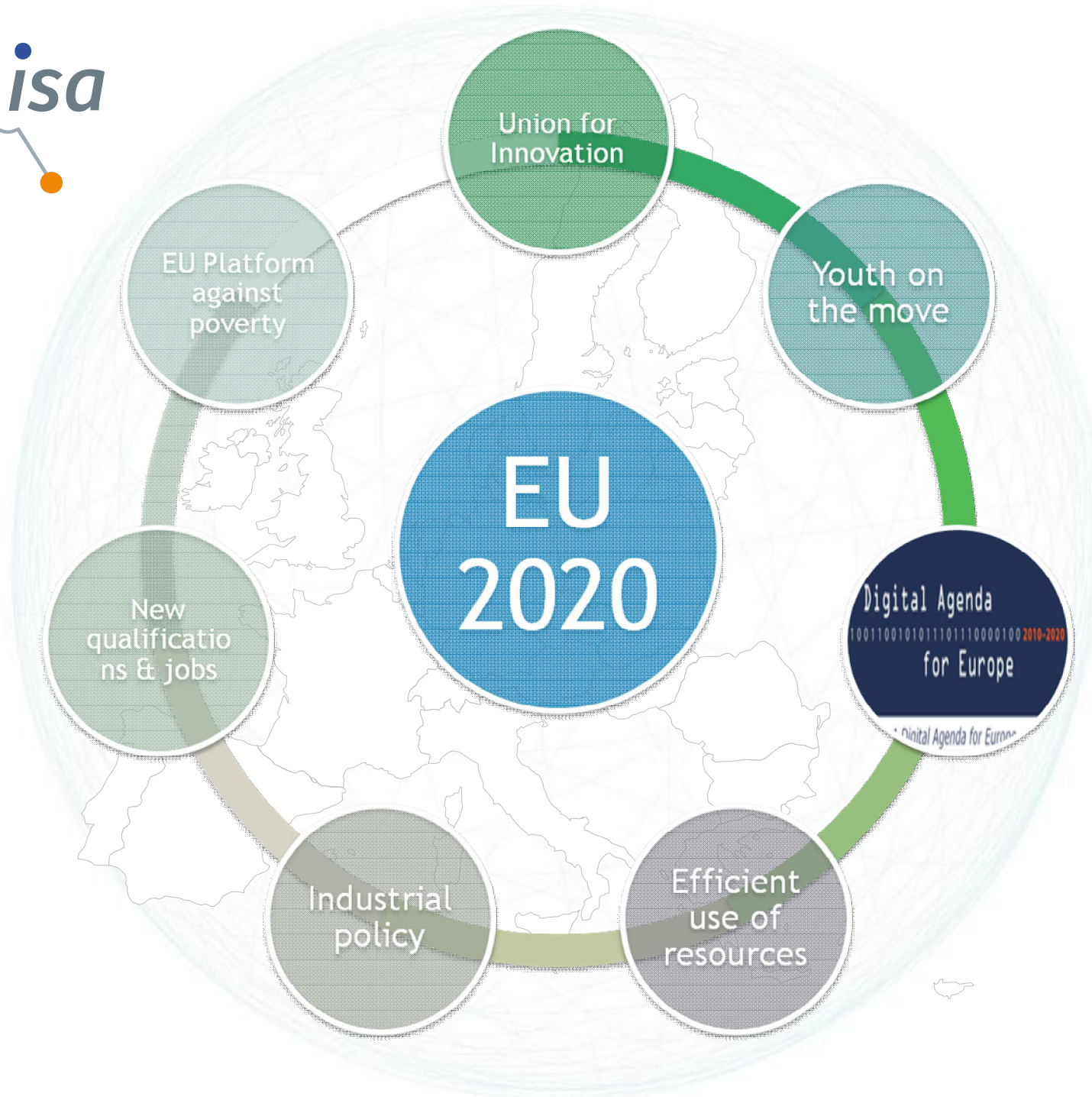
# *Interoperability and transparency The European context*

ITAPA 2011, Bratislava

Francisco García Morán  
Director General for Informatics



# Background





“Every European Digital”

Neelie Kroes

Enhancing e-skills

ICT for social challenges

Research and innovation

Trust and security

Digital Single Market

Creation of Content & Borderless Services

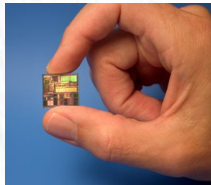
Very fast Internet



Interoperability and standards



Roll-out Of Networks



Digital Single Market

Interoper. & standards

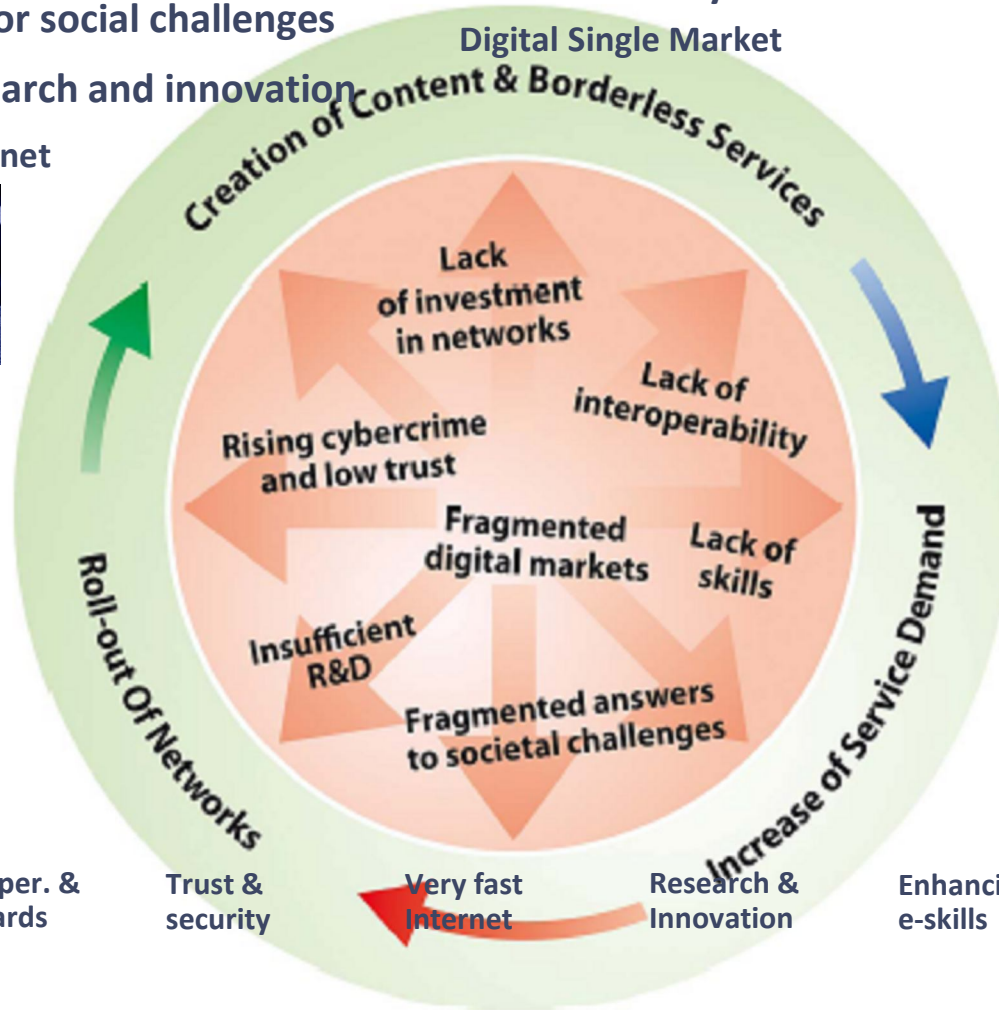
Trust & security

Very fast Internet

Research & Innovation

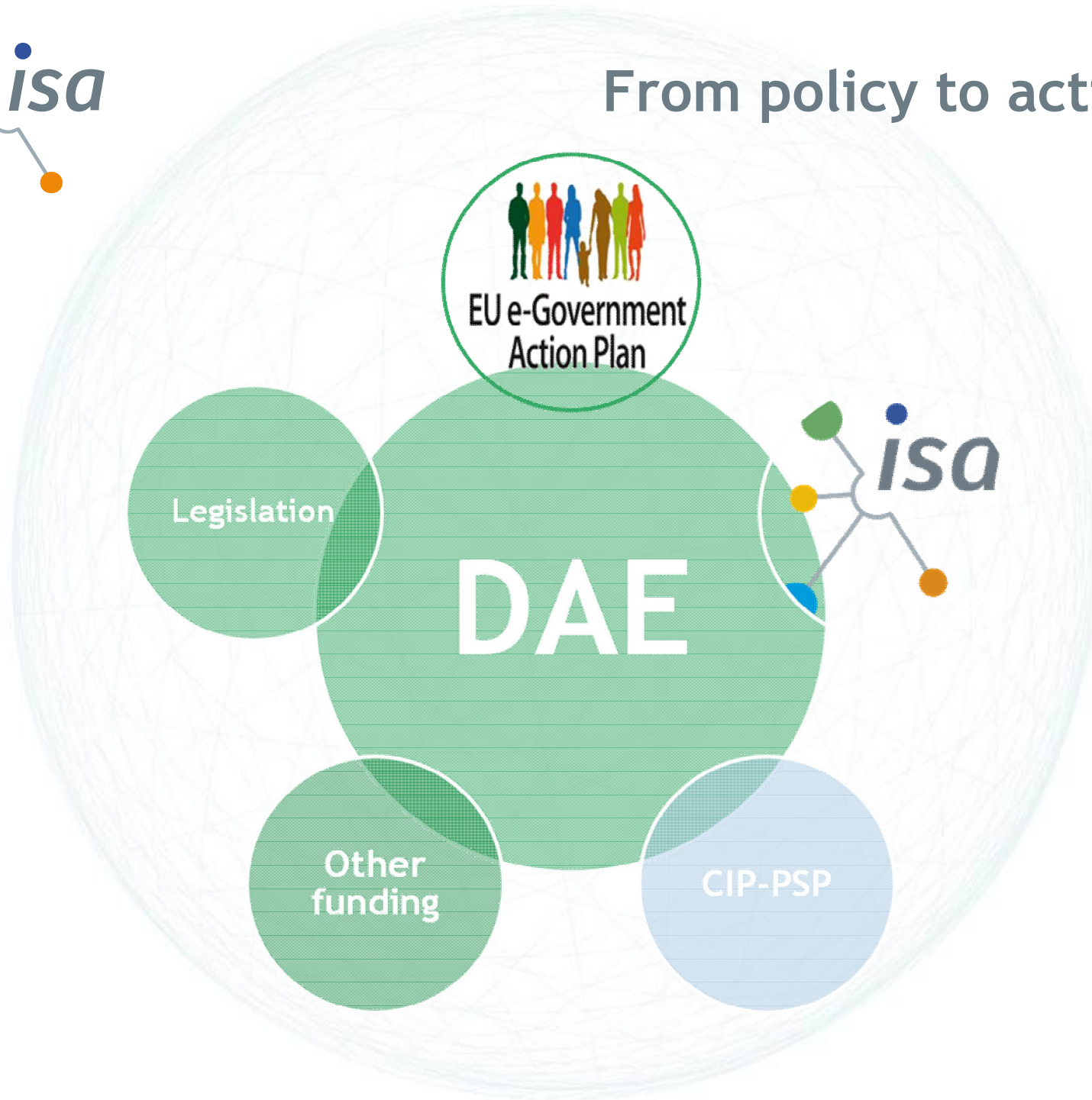
Enhancing e-skills

ICT for social challenges





# From policy to action



EU e-Government  
Action Plan

Legislation

DAE

Other  
funding

CIP-PSP





# A new generation of **open, flexible** and **seamless** eGovernment services

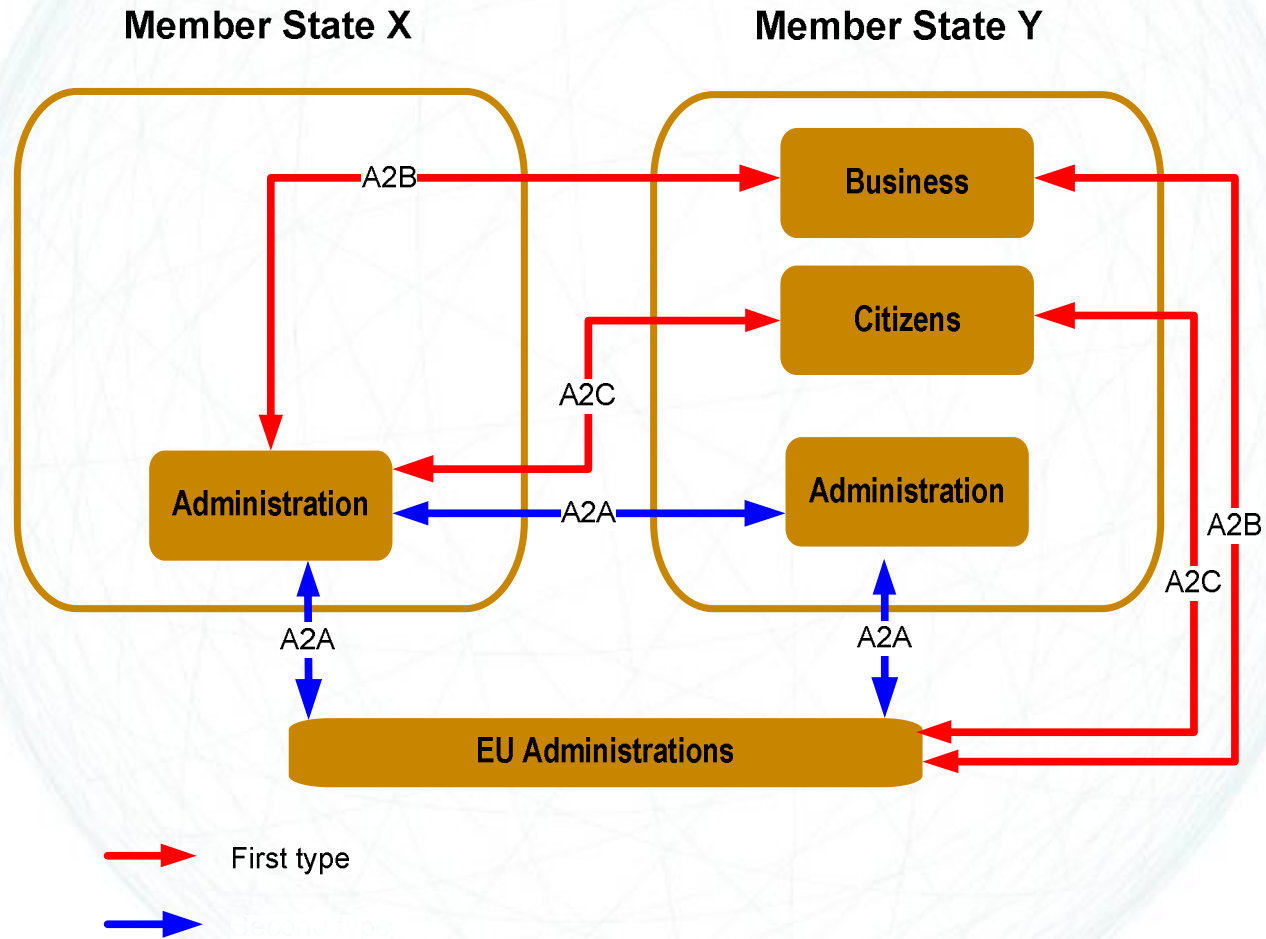




**Working together**



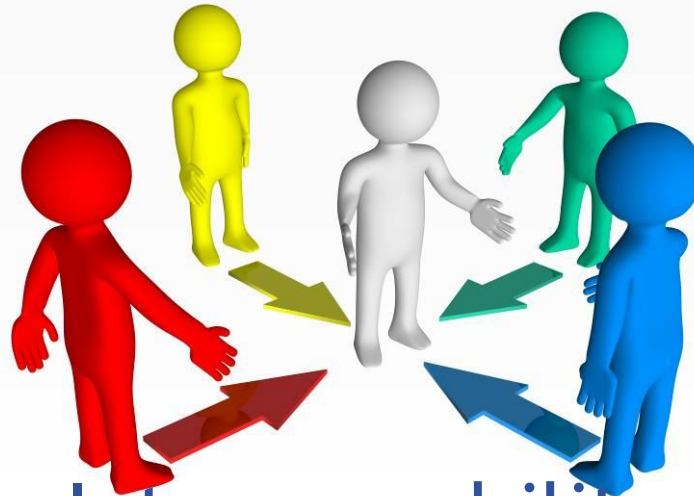
# Interactions > Interoperability







# Interoperability & Transparency



Interoperability:

The shared value of a community





# European Interoperability Strategy

## *Trusted information exchange*

- Semantic interoperability
- Information availability and usage
- Trust and privacy
- Catalogue of services

## *Interoperability architecture*

- Interoperability architecture
- Expertise support and methodologies

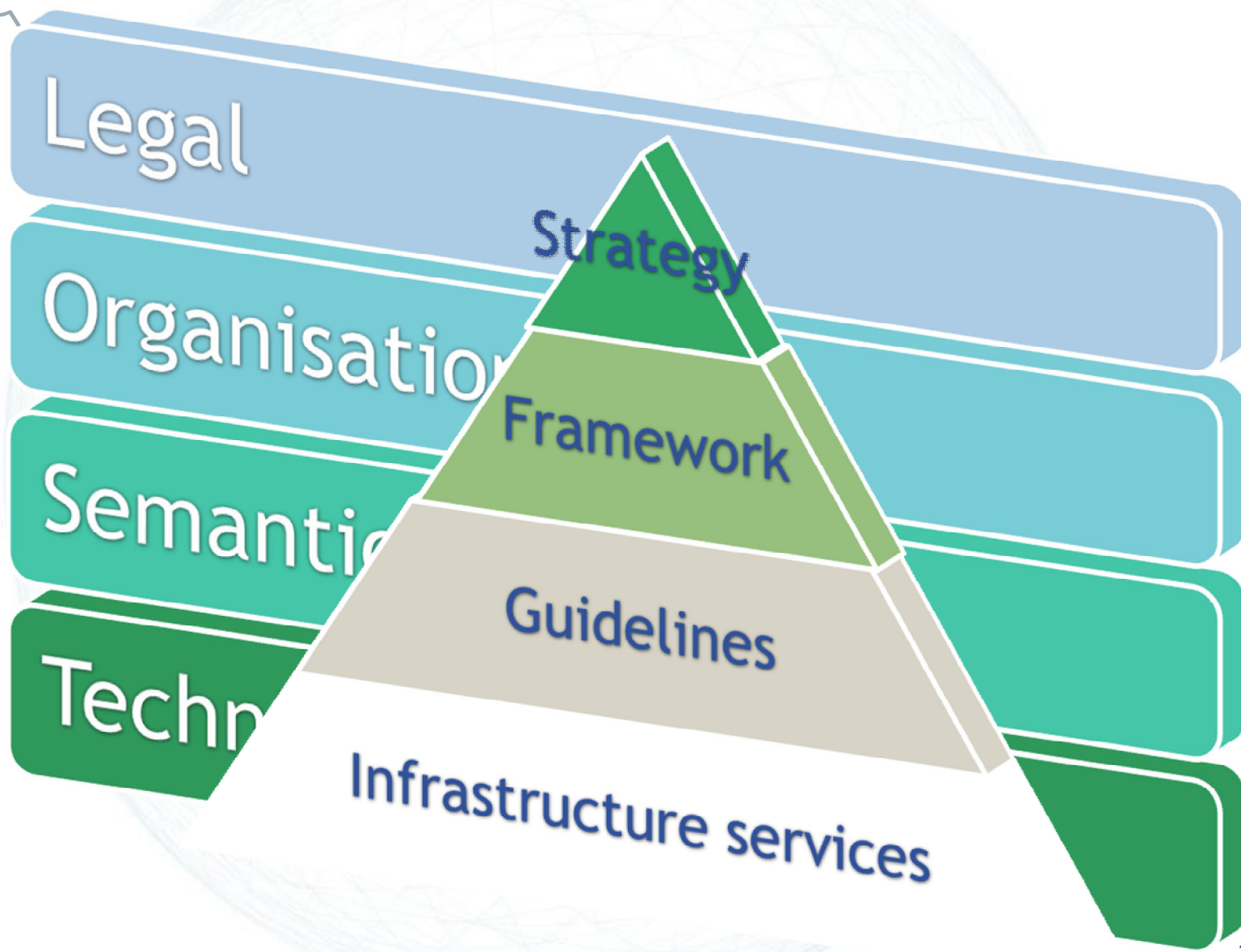
## *ICT implications of new legislation*

- National and cross-border sector-specific legislation sustainability

## *Accompanying measures*

Inter-  
operability  
Awareness

Sharing  
best  
practices  
Using  
Collaboration  
platforms





## EIF: 12 Underlying principles

Need for community action

- **Subsidiarity and Proportionality**

User needs and expectations

- **User Centricity, Inclusion and Accessibility, Security and Privacy, Multilingualism, Administrative Simplification, Transparency, Preservation of Information**

Collaboration

- **Openness, Reusability, Technological Neutrality and Adaptability, Effectiveness and Efficiency**



## Interoperability and standards



# Open Government



## Open Government

*My administration is committed to creating an unprecedented level of openness in Government. We will work together to ensure the public trust and establish a system of **transparency**, public **participation** and **collaboration**. Openness will strengthen our democracy and promote efficiency and effectiveness in Government.*

*- President Obama, 21/1/09*



## Open Data

- Complete
- Primary
- Timely
- Accessible
- Non-Proprietary
- Reusable, Machine readable
- Non-Discriminatory against Persons/Groups and Fields of Endeavour
- License-free





# Open Data Portals

www.toronto.ca/open/catalogue.htm

**TORONTO**

How can we help you?

## toronto.ca/op

-- building a city that thinks like you

Navigation

- Open data home
- Data catalogue
- Frequently asked questions (FAQ)
- Glossary of terms
- Terms of Use
- Contact Us

**Your Open Licence to the Datasets**

The City of Toronto (City) now grants you a world-wide, royalty-free, non-exclusive licence to use, modify, and distribute the datasets in all current and future media and formats for any lawful purpose. [more](#)

**Data catalogue**

**Description**

**Municipal Address Point Address Repository**  
This data set provides a point-referenced list of addresses within the City of Toronto.

**Apartment Standards**  
By-law infractions against apartment buildings.

**Bikeways**  
The Toronto bikeways data contains bicycle routes and pathways.

www.lichfieldcc.gov.uk/data/

Jump to content - Jump to navigation

**Lichfield district Council** **Open Data**

Home License Apps Blog Datasets Transport and Highways

Search Datasets

Open Data [View all posts filed under Transport and Highways](#)

Build your stuff with our stuff!

www.data.gov

An Official Web Site of the United States Government

Wednesday, January 05, 2011 Text: A A A Share

**DATA.GOV**  
EMPOWERING PEOPLE

HOME DATA TOOLS COMMUNITY METRICS DIALOGUE GALLERY WHAT'S NEW

**MINE INSPECTIONS**

Review every mine inspection conducted by the Mine Safety and Health Administration since 1978 - one of eight new mining data sets from the Department of Labor.

**Most Popular Datasets**

- U.S. Overseas Loans and Grants (Greenbook)
- Worldwide M1 + Earthquakes, Past 7 Days
- Food and Drug Administration - Recalls
- Personnel Trends by Gender/Race
- AVAILABLE TECHNOLOGIES

SEARCH OUR CATALOGS

HM Government

data.gov.uk BETA

Opening up government

Home Data Apps Ideas Forum Wiki Blogs Linked Data Resources About

**Digitaliser.dk**

Forsiden Ressourcer Grupper Netværk Begivenheder Brugere Log ind RSS

Digitaliser.dk - Forside - Ressourcer

Søg i ressourcer, brugere, grupper, nyheder, debatter m.m.

**Ressourcer**

Indholdet i Digitaliser.dk repræsenteres som ressourcer, der bliver administreret af grupper. Du kan fritestsøge eller navigere til ressourcer via tags eller grupper.

Alle ressourcer (16601) Datakilder (950) Software (88) Datastandard (10282) Teknisk standard (191)

Filter ud fra tags:  Alle  landbrug  Miljø  fiskeri  Arbejdsforhold  Blyggeri  Bolig  Økonomisk og forretningsrelateret  Meteorologi  Kultur  Socialt  miljø  landbrug og fiskeri  Social og sundhed  Forskning  Sundhed  ODIS  Fiskeri  datasejere

Sorter tags efter:  Navn  Hyppighed

[Vis flere tags](#)

www.opendatani.info

**Open datani**

Home | Catalogue | About | FAQ

**Welcome to Opendatani**

The purpose of Opendatani is to increase public access to information and data produced by Northern Ireland government departments, agencies and non-departmental public bodies (NDPBs). [Read More >>](#)

Follow Opendatani

[twitter](#) [Follow Opendatani](#)

Latest Tweets:

- @robelin Yes, that would t or E your feedback to me. 21
- Followed #code4pizza prog interest last night on Twitter pizza - Great work! Looking apps! 350 days ago
- @haagel The field contain combined easting and north 349 days ago

**Tell Us!**

What do you think of Opendatani? Would you like access to? What an what do you want to do with NI pu

Dataset Name	Description	CSV	XLS	XML	Other	Action
New! NI Railways Timetable Data	Timetable data for the NIR Rail Network				ATCO-CIF	View
New! Translink Metro Service Data	Bus timetables and bus-stop location data for Translink's Metro Service	✓	✓		ATCO-CIF	View
Health and Social Care NI	Addresses and Postcodes of Health and Social Care Providers	✓	✓	✓		View

Over 5,400 datasets to view

**Inside Government Data**

Who's who in Government and where do money go? Follow these links to find that that opens it all up.

- Government spend over £25,000, by department
- Who does what in Whitehall - and how much are they paid?
- Hospitality, gifts and expenses

Share this [t](#) [f](#) [fb](#)

**Facts, figures, apps and more**

**Data**

Looking for something specific, or just want to know more about how Government spends your money? You'll find 4,600 datasets to help you get answers.

**Apps**

Want your phone to wake you when you get to your train station? Discover over 100 apps harnessing public data to make your life easier.

**Tags**

Can't decide where to start? You can browse data by clicking on popular topics. Try one of tags here to find what you're most interested

[health \(1,986\)](#) [care \(1,322\)](#)

www.opengov.se/sidor/english/

**opengov.se** BETA Bättre samhälle

**NYHETER DATA APP**

Startsida

**About opengov.se**

Opengov.se is an initiative to highlight available government data by clicking on popular topics. The percent figure on the start page indicates with an open license and in at least one open available in RDF/XML (see link elements in the image).

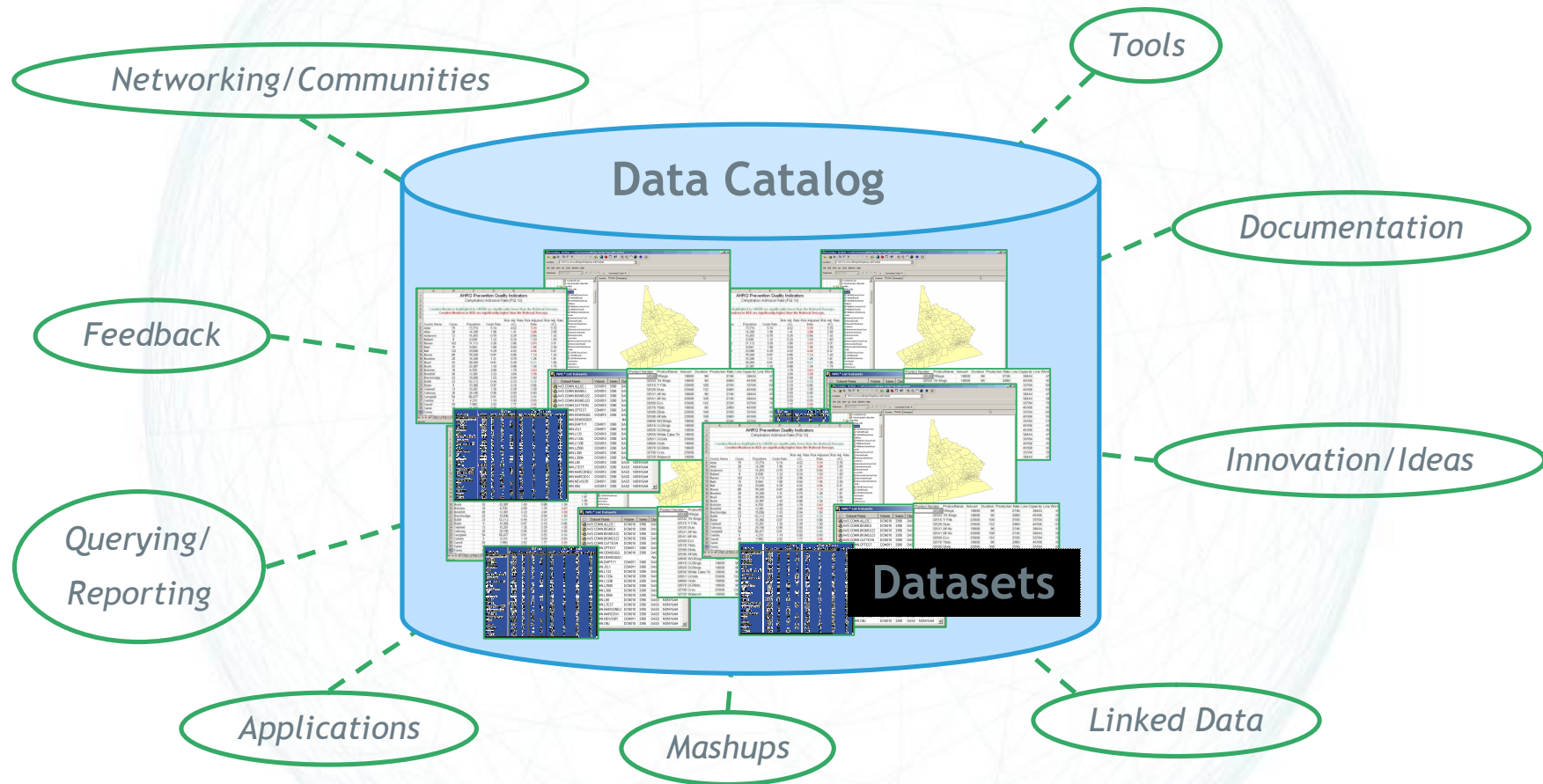
The goal is to highlight the benefits of open data and how this is done in practice.

**Govtrack - increasing government decision-making process.**

A second goal is to enable public access to government decision-making process. A fi

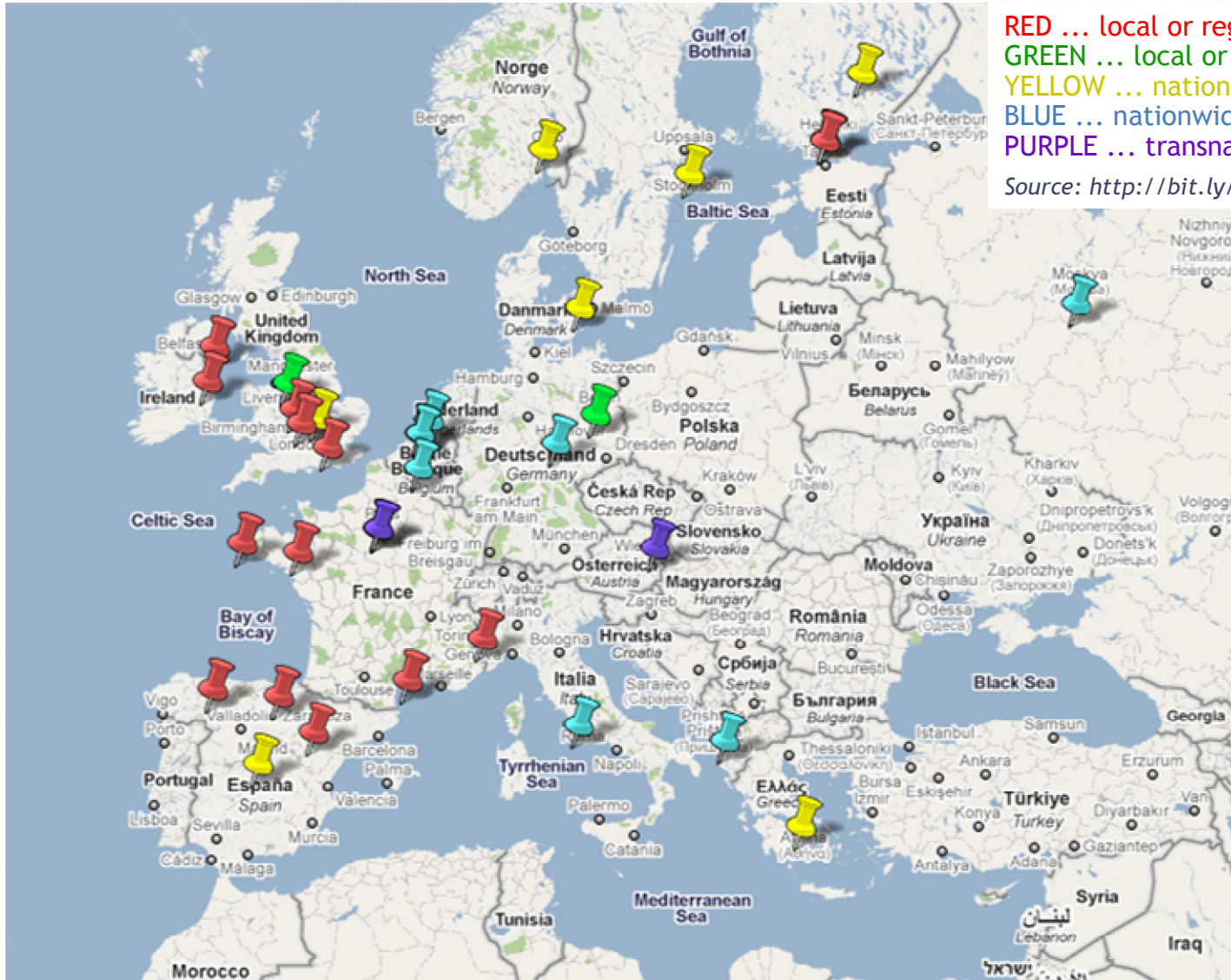


# Open Data Portals: Structure





# Open Data Portals in Europe



RED ... local or regional governmental authorities  
GREEN ... local or regional private initiatives  
YELLOW ... nationwide governmental authorities  
BLUE ... nationwide private initiatives  
PURPLE ... transnational catalogue

Source: <http://bit.ly/open-data-map>



## EC. Promotion actions

- CIP: European Public Sector Information Platform, to raise awareness and exchange good practices. More planned activities under CIP are foreseen
- LOD2-FP7 project to increase public access to high-value, machine-readable data sets generated by the European, national/regional/local public administrations
- The Linked Open Data Around the Clock (LATC) FP7 Support Action supports interesting partners to publish and consume Linked Data
- Digital Agenda Stakeholders' Day: "Priority #3: Beyond raw data: public sector information, done well". A discussion on what is next to Open Data
- Provide Semantic Interoperability Center Europe (SEMIC) as a possible registry for vocabulary, metadata schemas and EU URI management (semantic assets)



## Open Data > Linked Data

- Accessibility +++
  - Discoverability +
  - Cross-referencing -
  - Handling +++
  - Costs +++
- From Open ... to Linked Data
- ✧ make your stuff available on the web (whatever format)
  - ✧✧ make it available as structured data (e.g. excel instead of image scan of a table)
  - ✧✧✧ non-proprietary format (e.g. csv instead of excel)
  - ✧✧✧✧ use URLs to identify things, so that people can point at your stuff
  - ✧✧✧✧✧ link your data to other people's data to provide context
- Over 300K (!!)  
datasets in  
data.gov



# The Commission as a data provider

p.eurostat.ec.europa.eu/portal/page/portal/eurostat/home/

European Commission  
**eurostat** Your key to European statistics

European Commission > Eurostat > Home

Home | Statistics | Publications | About Eurostat | User support

Statistics Database

Release Calendars

Most popular database tables

- GDP per capita in PPS
- Real GDP growth rate
- Total population
- Unemployment rate
- Employment rate
- Inflation (monthly)
- Inflation rate (annual)

Selected Statistics

- Europe 2020 indicators
- Euroindicators/PEEIs
- Sustainable development indicators
- Government finance
- Prices (HICP)

Selected Publications

- Eurostat Yearbook

Latest news releases

Date	Topic
06.01.2011	Volume of retail trade down by 0.8% in euro area
05.01.2011	Industrial new orders up by 1.4% in euro area
05.01.2011	Industrial producer prices up by 0.3% in euro area
04.01.2011	Euro area inflation estimated at 2.2%
20.12.2010	EU27 real agricultural income per worker up by 12.3%

Log in | Register

Statistics Explain

Your guide to Europe

Country profiles

publications.europa.eu/index\_en.htm

This site is a part of Europa

## Publications Office

EUROPA > Publications Office

- About us
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- EU Law
- EU Bookshop
- CORDIS
- Tenders
- Procurement of the Publications Office
- EU Directory
- How to obtain EU publications?
- EuroVoc, the EU's multilingual thesaurus
- Partnership corner
- Tools and manuals
- Catalogue "Key publications of the EU"

### Welcome to the Publications Office

The Publications Office of the European Union (Publications Office) is an interinstitutional office whose task is to publish the publications of the institutions of the European Communities and the European Union (see [Decision No. 2009/496/EC, Euratom](#)).

- The Publications Office publishes the daily **EU Official Journal** in 22 languages (23 when Irish is required) and produces (or co-produces) publicity for EU initiatives and activities.
- It publishes or co-publishes the publications in the context of the activities of communication of the institutions.

Moreover, the Publications Office offers a number of online services giving free access to information on EU law ([EUR-Lex](#)), EU publications ([EU Bookshop](#)), public procurement ([TED](#)), and EU research and development ([CORDIS](#)).

ABC of European Union Law

Union law

[Read more](#)

EuroVoc Conference 18-19 Nov. 2010

MINI D THE LEXICAL GAP

[Read more](#)

Win a prize for your school or university!

FILM CONTEST

[Read more](#)



Search Europe's environment...

[A-Z Glossary](#)

- Environmental topics
- Publications
- Multimedia
- Data and maps**
- Networks
- Press room
- About EEA



The European environment – state and outlook 2010

### Data and maps

- » Datasets
- » Maps and graphs
- » Interactive maps
- » Indicators
- » Data providers and partners
- » European data centres

### Data and maps

Sharing European environmental datasets, maps, charts and applications.

<p>Global search</p>	<p>Datasets</p>	<p>Maps and graphs</p>	<p>Interactive maps</p>	<p>Indicators</p>	<p>Data providers and partners</p>	<p>European data centres</p>
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Share with others



## Open Data @ EC

- What are the objectives?
  - Running a small scale pilot implementation, to gather experiences, identify directions and receive feedback on how Open Governmental Data technologies and tools can be used within the Commission context
- What are the benefits?
  - Political action to promote transparency. Easy access to European public sector data and information
  - New business opportunities for value-added services and data mash-ups in a single EU Public Sector Information Marketplace



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## Opening Up Government

Search for datasets, apps and other content by  
Tags:

-Any-

GO

## Transparency

## Innovation

Who does what in the Commission?



How your money is spent?



Commission contracts in full



Who the commissioners are meeting?



Business plans and future



Applications








Log in or sign up

Search

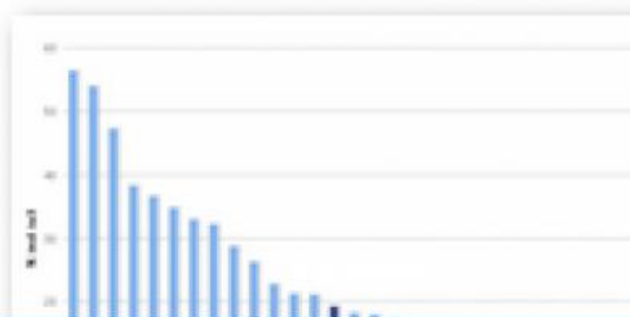
European Commission » Apps

- Home
- Data
- Apps**
- Ideas
- Forums
- Linked Data
- About

## Apps



Digital Scoreboard : the complete overview of the



**Digital Scoreboard : the complete overview of the information high way**

Showing graphs on Europe's road to the information society!

PAUSE

### Search Apps

Search

Share this



### What are apps? | [View](#)

This wide range of apps can provide you with information on everything from local services information, to managing finance, and even environmental issues to name but a few. Search the apps list to find out more.

### Popular tags [View all tags](#)

- cl:2006 (1)
- healthy-life (1)
- energy gas-emissions-reduction (1)
- population (1)
- information-society (1)
- satisfaction (1)
- raster-data (1)
- expectations (1)
- land-cover (1)
- regional-economic-performance (1)
- geospatial-data (1)
- political-belief (1)
- EEA-owned-data-sets (1)
- government\_debt (1)
- corine (1)
- life-expectancy (1)



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## Ideas

Search

### EDITOR'S PICK

Apps will make this site attractive and result in immediate value for you, please contribute these apps !.

Does the European Commission need a maps to compare member states on various dimensions? Read and rate your contributed bright ideas about how the data on this website could be used.

### Featured ideas | [View all ideas](#)

[Share your idea](#)



#### Should we show different types of apps : html based, downloadable code, spreadsheet based (zoho) ?

by Marc Publisher Kimpe | ★★★★★

There are different possibilities to include apps in this site : 1. just an html link to a...



## Open Data (European) Strategy

- Adapting the framework in favour of data re-use, including legal, soft law and policy measures,
- Mobilising financing instruments by prioritising open data in R&D&I and infrastructure programmes,
- Facilitating coordination and experience sharing across the Member States.



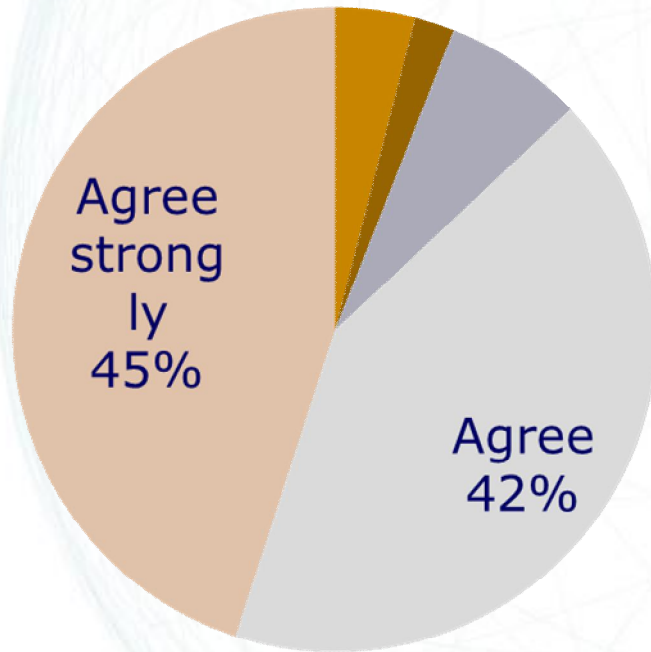
## PSI Directive revision

- Legal basis underpinning the process (approved in 2003!)
- Planned revision of the PSI Directive in 2012
  - Scope? Cultural, scientific, broadcasting sectors?
  - Non-compulsory re-use regime?
  - Charging principles?
- Recent development → Revision process launched

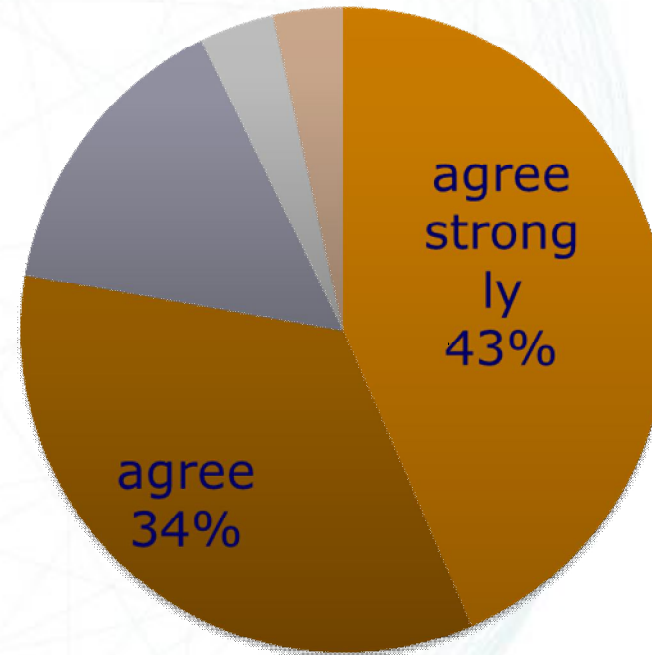


# PSI Revision: Open Consultation

**Further Community action?**



**Should all accessible info be reusable?**



**New Directive under discussion**



Your voice





*“Every citizen shall have the right to participate in the democratic life of the Union. Decisions shall be taken as **openly** and as **closely** as possible to the citizen.” (art. 10)*



***Not less than one million citizens*** who are nationals of a significant number of Member States may take the initiative of inviting the European Commission [...] to submit any appropriate proposal on matters where citizens consider that a legal act of the Union is required for the purpose of implementing the ***Treaties.***” (art. 11)





# European Citizen's Initiative

Implement regulation 211/2011, the EC has launched the "ECI" and "OCT" Projects

OCT

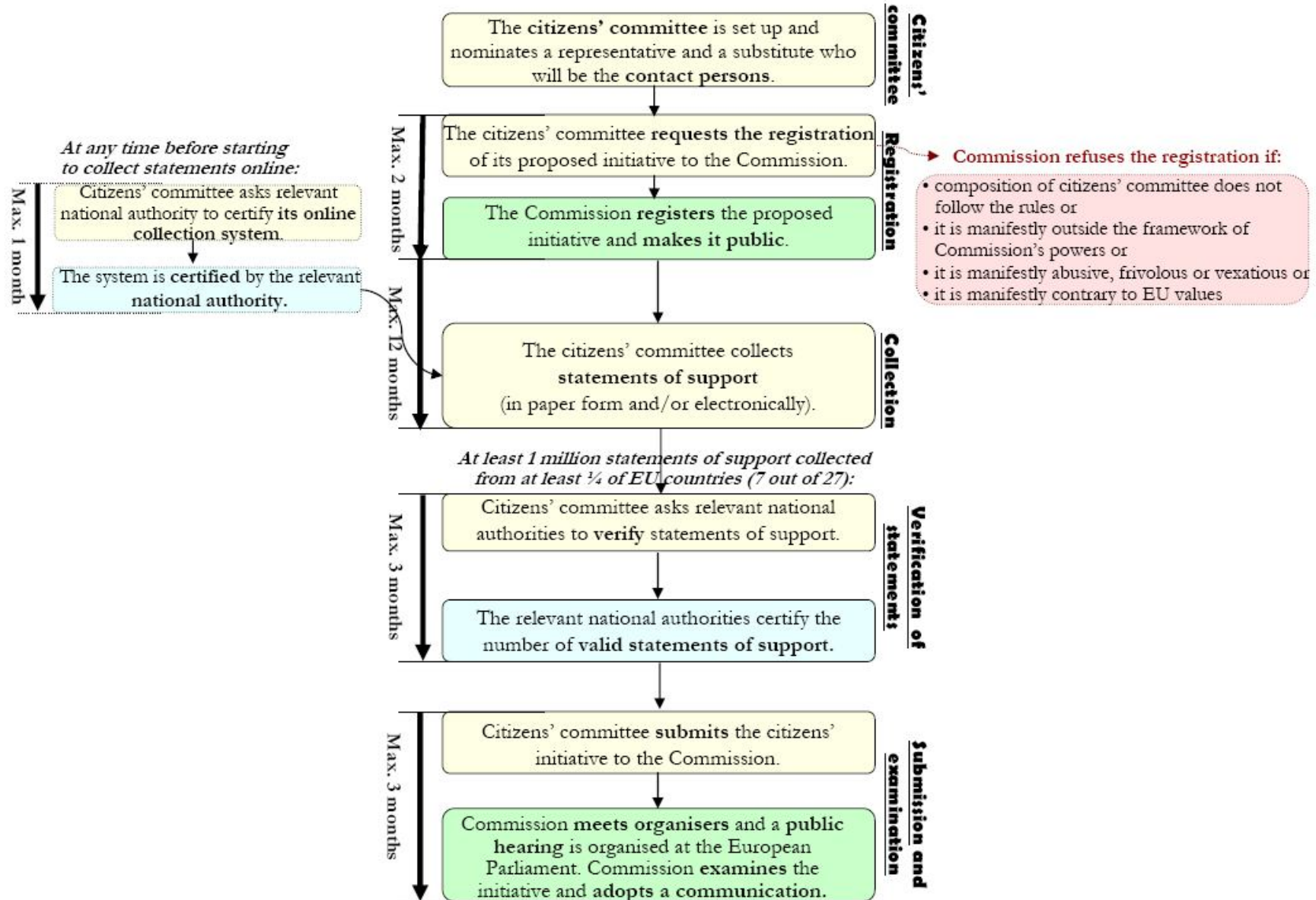
ECI

- *Open source web tool to be used by Initiative organisers to collect online supports for their initiatives.*

- *Inform the general public on the European Citizens' Initiative*
- *An online medium for the EU citizen committees to propose, manage and follow up their initiatives...*

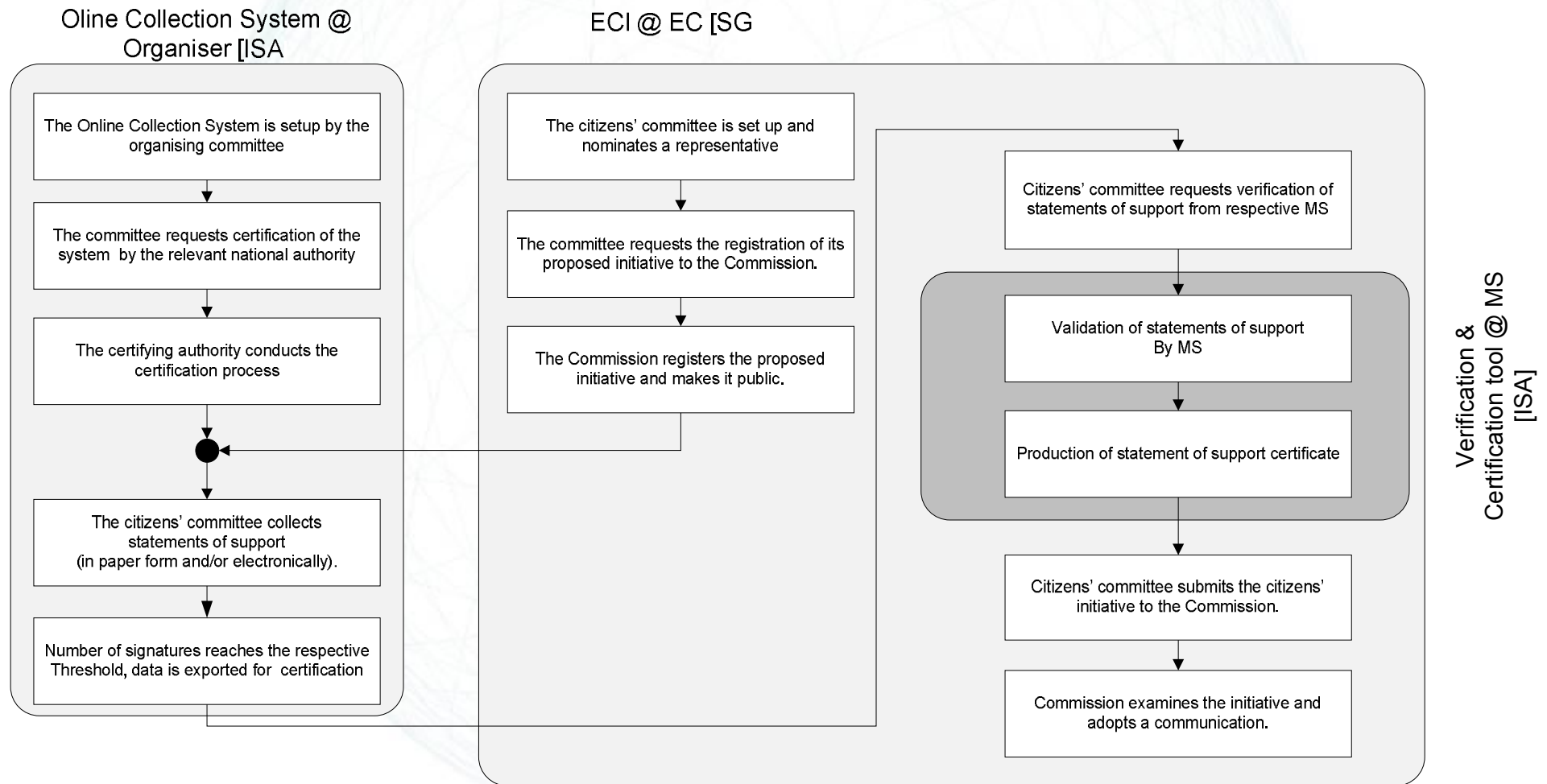


# How to get there





# How to get there





## Financial Transparency System





## European Transparency Initiative

- Transparency initiative first discussed in the Commission in 2005
- Green Paper on European Transparency Initiative (ETI) presented in 2006:
  - Mandatory disclosure of information about the beneficiaries of EU funds under shared management
- Preparations for Financial Transparency System started in 2006



# FTS Search - Example

[http://ec.europa.eu/beneficiaries/fts/index\\_en.htm](http://ec.europa.eu/beneficiaries/fts/index_en.htm)

**Financial Transparency System**

Search | What can I find on this site? | How does it work? | Contact | FAQ | Help

Please complete at least one of the following criteria:

**Budget**

- EU budget centrally administered by the Commission
- European Development Fund (10th EDF)

**Name of beneficiary**

People in Need

**Year**

2007  
2008  
2009  
2010

**Country / Territory**

European UNION  
Austria  
Belgium  
Bulgaria  
Cyprus

**Geographical Zone**

ACP Countries  
Afghanistan  
African Union  
Albania  
Algeria

**Postal code**

**Amount**

> 600000 €

**Order by:**

Amount

**Sort:**

↑ ↓

**View result:**

**Mandatory:** Year, Name of beneficiary, Subject of grant or contract, Coordinator, Country / Territory, Postal code, Amount, Commitment position key

**Optional:**

Address  
Department  
Budget-line  
Action Type

Clear << >> Search



# FTS Search- Results

**SEARCH  
CRITERIA**



Search | What can I find on this site? | How does it work? | Contact | FAQ | Help

New search | Print

**Search criteria:** Year: 2010 | Name of beneficiary: People in Need | Amount: > 600000 | Budget: EU budget centrally administered by the Commission

Order by: Amount

Records from 1 to 1 out of 1

Total amount: 998.432,00 € (Amounts shown are those awarded to carry out an activity, not the payments for the year! [More](#))

Please click on the to see all record's details.

#	Year	Name of beneficiary	Coordinator	Country / Territory (Postal code)	Amount €	Commitment position
1	2010	CLOVEK V TISNI DPS*PEOPLE IN NEED	✓	Czech Republic (120 00 PRAHA 2)	998.432,00	SCR.CTR.202422.01.1

Subject of grant or contract:  
V4 Aid - United support for Millenium Development Goals



# Thank you

