



EUROPEAN
DATA PORTAL

Open Data for Open Cities

Lund, 12 June 2018

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Agenda



The Open Data Portals of the EU



The European Data Portal – an overview



Creating value with Open Data



Open Data in Cities – Initiatives & Portals



Barriers in working with Open Data



Enabling Open Cities

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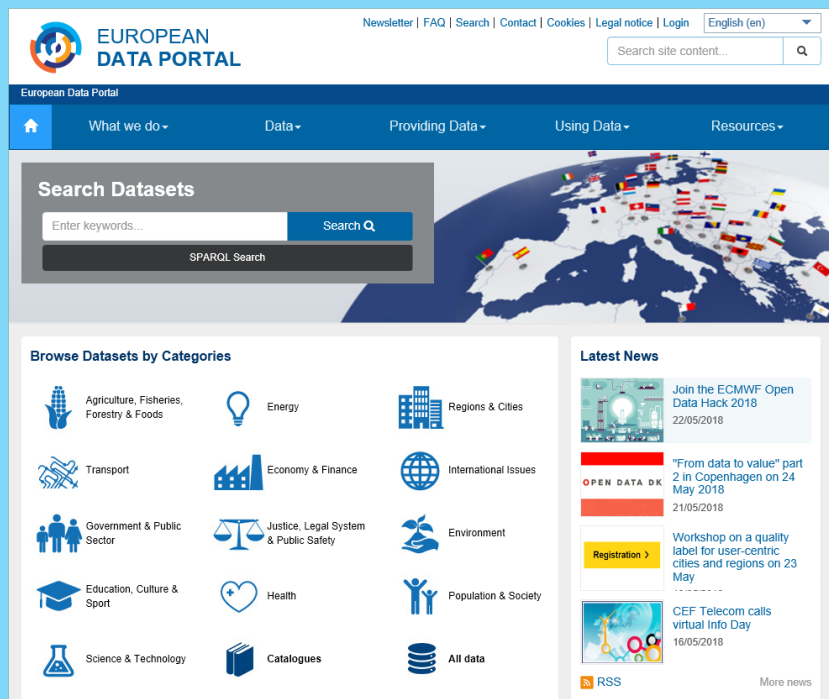
Enabling Open Cities

Two EU Portals – One Mission: Open Data



The European Data Portal (EDP)

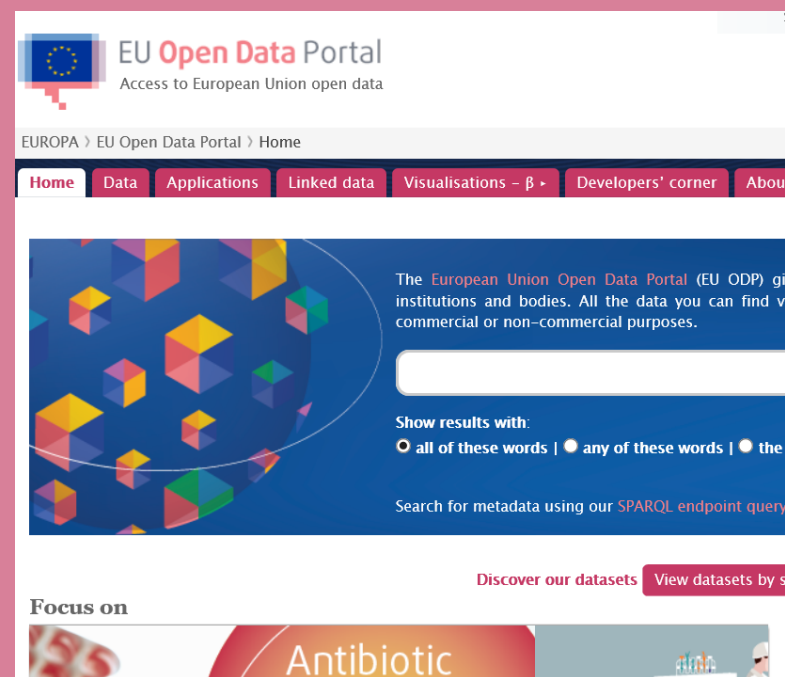
Access to data published by public administrations in Europe



<https://www.europeandataportal.eu/>

The Open Data Portal of the EU Institutions (ODP)

Access to data published by EU institutions and bodies



<http://data.europa.eu/euodp/en/home/>

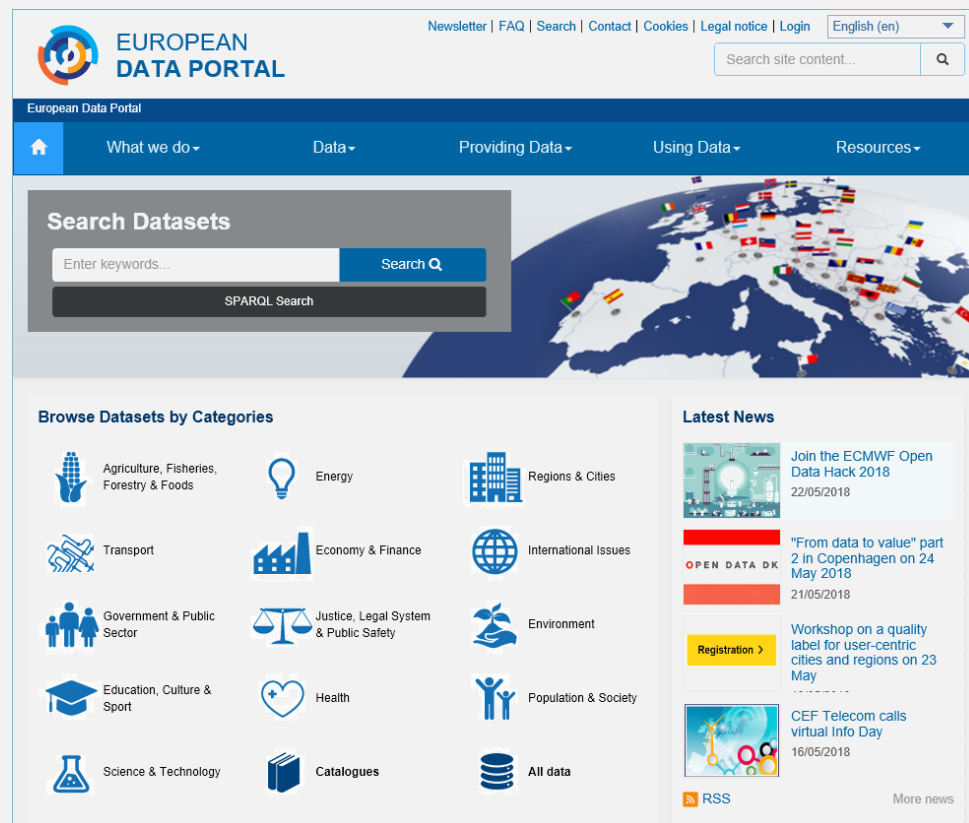
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The European Data Portal in numbers

The European Data Portal acts as gateway to access Open Data from public administrations in Europe

- +860.000 metadata sets
- 78 catalogues (incl. 4 European catalogues)
- 34 countries covered
- 13 categories to structure metadata
- Metadata Quality Assistant (MQA) reports
- Static content + main metadata available in all 24 official EU languages
- Guidelines for data publishers
- 16 Open Data eLearning modules
- A vast library of training materials and +400 useful documentation on Open Data
- +300 Use Cases
- Daily Open Data News
- Calendar of +50 Open Data Events in 2018



The screenshot shows the European Data Portal homepage. At the top, there's a navigation bar with links for Newsletter, FAQ, Search, Contact, Cookies, Legal notice, and Login, along with a language selector set to English (en). Below this is a search bar with the text "Search site content..." and a magnifying glass icon. The main header features a blue bar with a home icon and several menu items: "What we do", "Data", "Providing Data", "Using Data", and "Resources". The central section is titled "Search Datasets" and includes a search input field with the placeholder "Enter keywords...", a "Search Q" button, and a "SPARQL Search" button. To the right of the search bar is a large image of a map of Europe with various national flags. Below the search bar, there's a section titled "Browse Datasets by Categories" which displays a grid of icons and labels for different sectors: Agriculture, Fisheries, Forestry & Foods; Energy; Regions & Cities; Transport; Economy & Finance; International Issues; Government & Public Sector; Justice, Legal System & Public Safety; Environment; Education, Culture & Sport; Health; Population & Society; Science & Technology; Catalogues; and All data. On the right side of the page, there's a "Latest News" section with three news items: "Join the ECMWF Open Data Hack 2018" (22/05/2018), "From data to value" part 2 in Copenhagen on 24 May 2018 (21/05/2018), and "Workshop on a quality label for user-centric cities and regions on 23 May". There's also a "Registration" button and a link to "CEP Telecom calls virtual Info Day" (16/05/2018). At the bottom right, there's an RSS feed icon and a "More news" link.

The EDP activities increase awareness and knowledge around Open Data in Europe



Measurement and support
for Open Data growth in
Europe

Monitoring of **Metadata**
Quality in Europe



Creating and documenting
Open Data **value**

Community engagement
& communication

Extensive library of data sets
Guidelines and **trainings** on how to publish
data and get harvested by the EDP
Infrastructure based on **open source** code

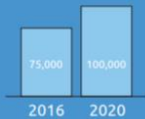
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Showcasing the value of Open Data raises awareness of its benefits and potential



Open Data jobs



more Open Data can help make
better decisions



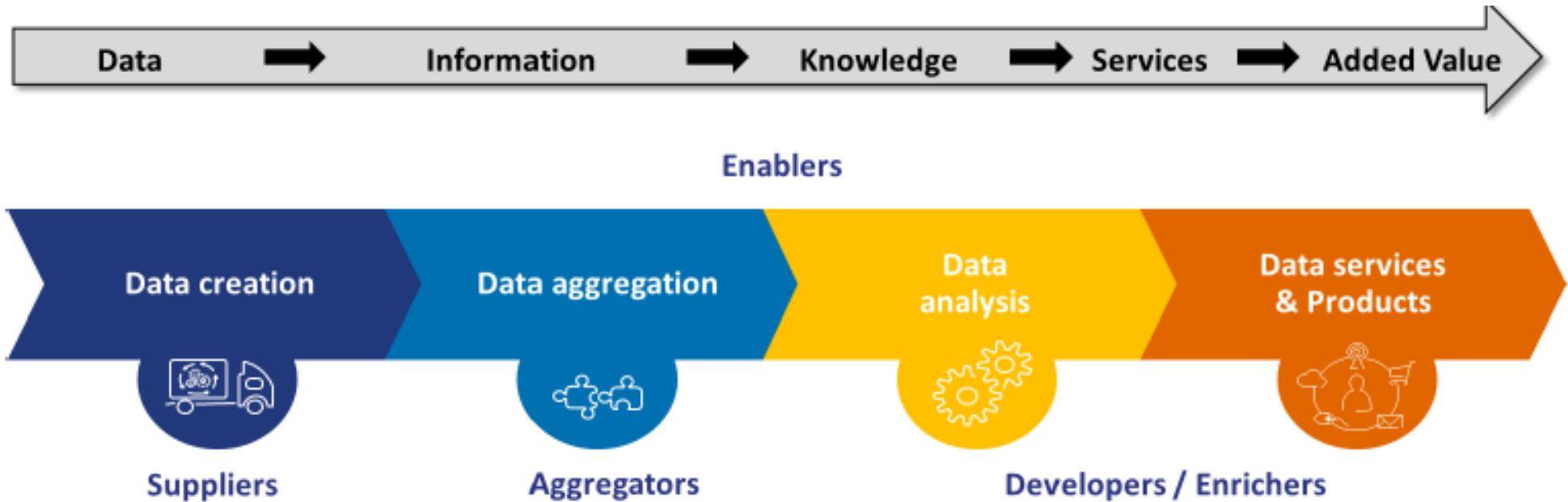
5.5% less
road fatalities

Congestion
costs are
1% of GDP



Evidence about the impact helps rally further support for Open Data

Cities are the central hub for creating value through Open Data



Open Data acts as enabler for creating smart cities

Successful Open Cities embed Open Data into their broader strategies

Smart City Strategy

More specific Smart City Strategy, which could include Open Data (e.g. data generated by sensors etc.)

Open Data Strategy

Digital Strategy

Broad digital strategy, including for instance digital public services, smart city objectives, digitalisation of citizens and businesses

Open Data Strategy

Specific strategy for publishing Open Data and stimulating the re-use

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Open Data for Open Cities (I)

Open Data Initiatives: Best practice – Spain



Administration Level
Local Administration (225)
State Administration (42)
Regional Administration (17)
Universities (9)
Subject
Public Sector (85)
Culture and Leisure (65)
Transport (60)
Environment (59)



Open Data BCN
Ajuntament de Barcelona's open data service

ABOUT THIS SITE DATASET CATALOGUE PRESENT REUSERS STATISTICS BARCELONA DATES OBERTES CHALLENGE

Barcelona Open Data Challenge

We foster open data usage in the city's schools

[Read more](#)

e.g. environment

Portal de datos abiertos del Ayuntamiento de Madrid MADRID

datos abiertos ¿Qué estás buscando?

Tu ciudad más cerca

Gracias a nuestra plataforma de datos abiertos podrás encontrar todos los datos de Madrid que necesitas para tu proyecto

En portada Acerca de Datos Abiertos Catálogo de datos Colabora

Lo más visto 1 Contenedores de ropa autorizados ... / Listas de espera de aparcamientos ... / Callejero Oficial del Ayuntamiento ...

Open Data for Open Cities (II)

Open Data Portals: Best practices – Dublin/ Ireland

DATA.GOV.IE

Home Datasets Publishers Suggest Data Showcases Contact About More ▾



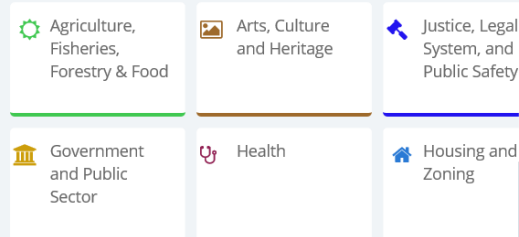
Search Datasets...

Advanced Search

IRELAND'S OPEN DATA PORTAL

Promoting innovation and transparency through the publication of Irish Public Sector data in open, free and reusable formats.

8222 Datasets **101** Publishers



- Agriculture, Fisheries, Forestry & Food
- Arts, Culture and Heritage
- Justice, Legal System, and Public Safety
- Government and Public Sector
- Health
- Housing and Zoning

DublinDashboard
City Intelligence

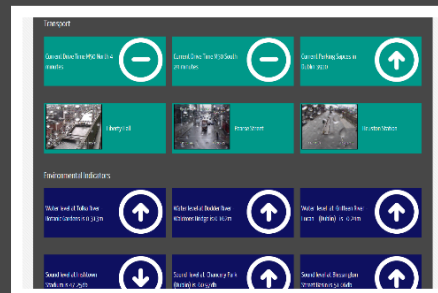


Comhairle Cathrach
Bhaile Átha Cliath
Dublin City Council

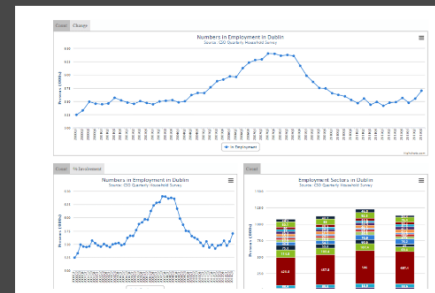


Homepage

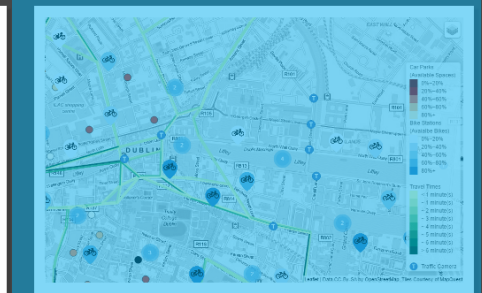
About DublinDashboard



Dublin Overview



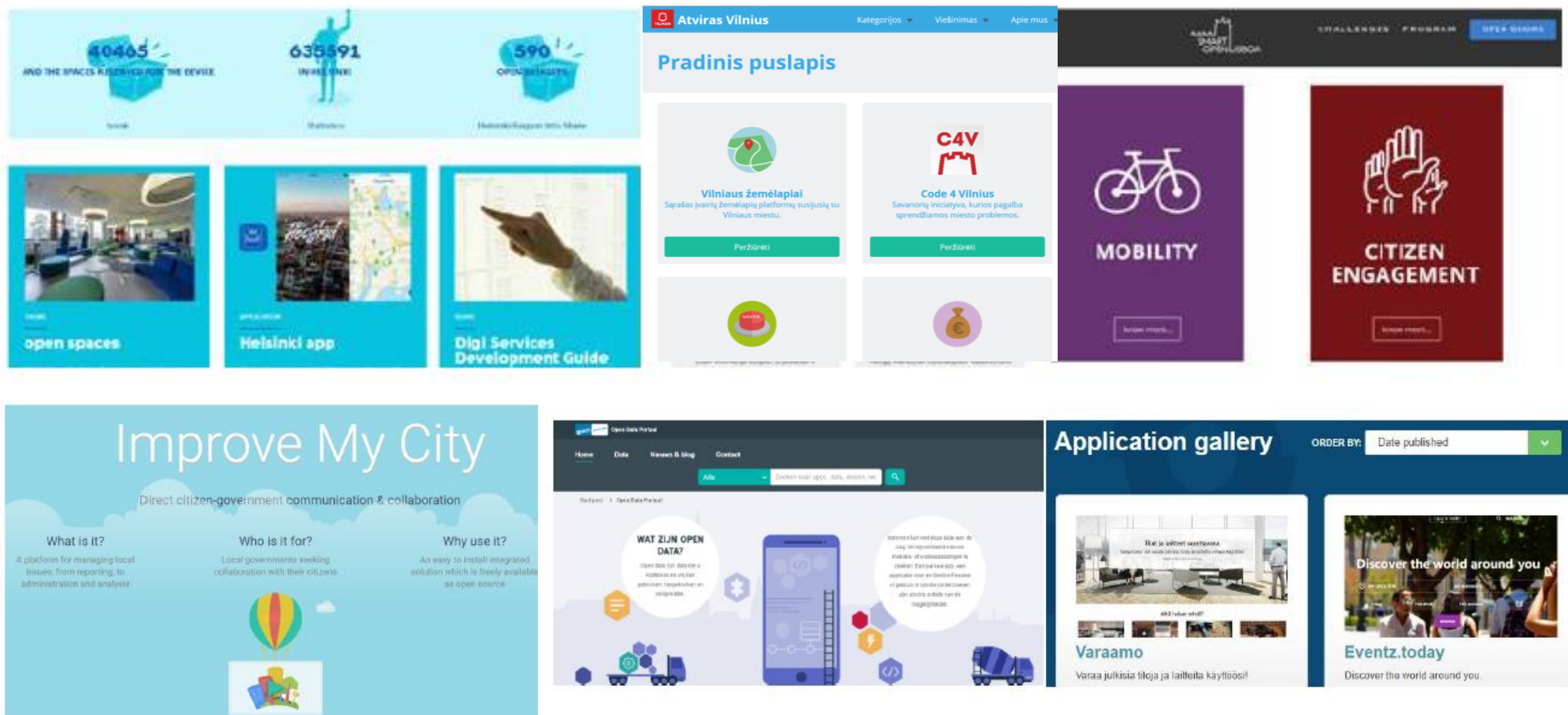
How's Dublin Doing?



Dublin RealTime

Open Data for Open Cities (III)

Open Data Portals: Best practices from Helsinki, Vilnius, Thessaloniki and Ghent



Open Data publication websites evolve towards interactive dashboards

Open Data for Open Cities (IV)

Open Data Interaction: The Social Platform for Open Data (SPOD)

[Open wall](#)[Blogs](#)[CoCreation](#)[?](#)[EN](#)

SPOD
v.3.1/Zavijah

Welcome in SPOD!

The Social Platform for Open Data (SPOD) enables social interactions among citizens around open datasets coming from different sources (dataset providers).

Beside a traditional social network, the discussions are organized in "Public Rooms", grouped in the Agora.

Each user has also a personal space, called "My space", where it is possible to place visualization of open datasets, URLs and notes so that they can be re-used later in discussions.

You can practice writing your status in "What's new" where all the activities of all the users are shown.

Enjoy it!

[SPOD guide in 4 minutes](#)

Login

Email:

Password:

[SIGN IN](#) →

[f Connect](#)

[I forgot my password](#) • [New user? Register here](#)

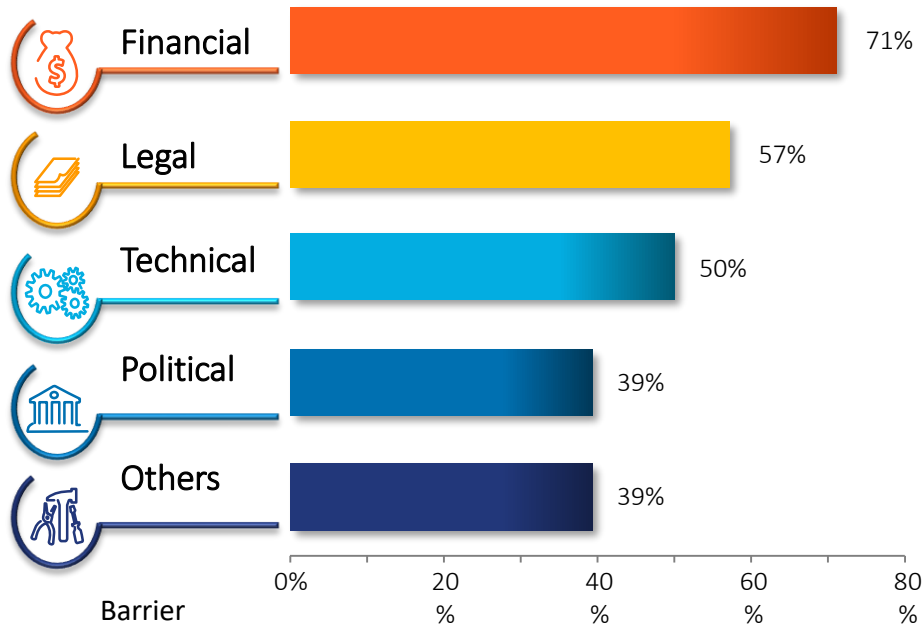
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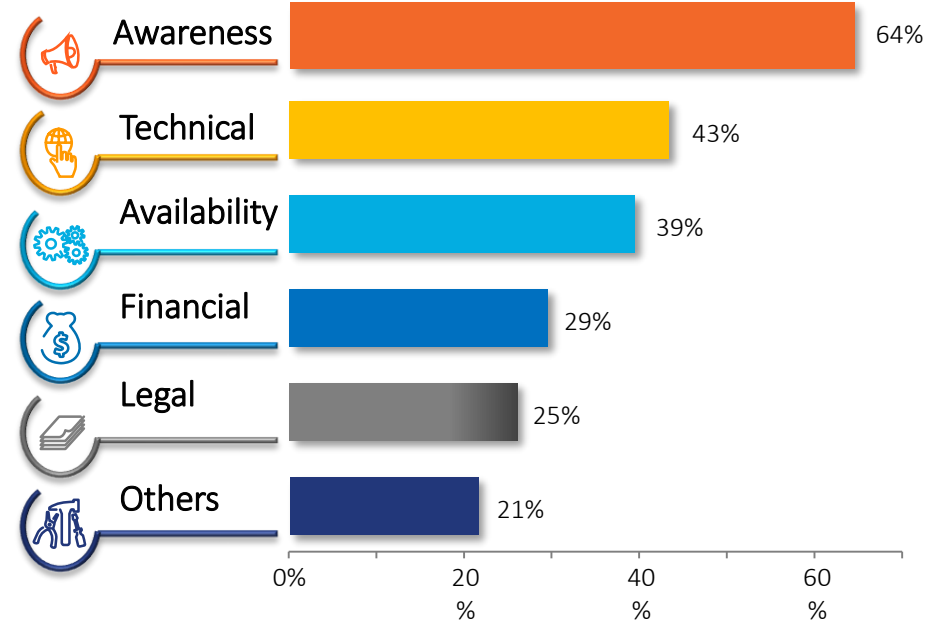
Challenges still exist to unlocking the potential of Open Data

... on both the publishing and re-use side

Barriers to Open Data publication, EU28 2017



Barriers to Open Data re-use, EU28 2017



Times mentioned (in %)



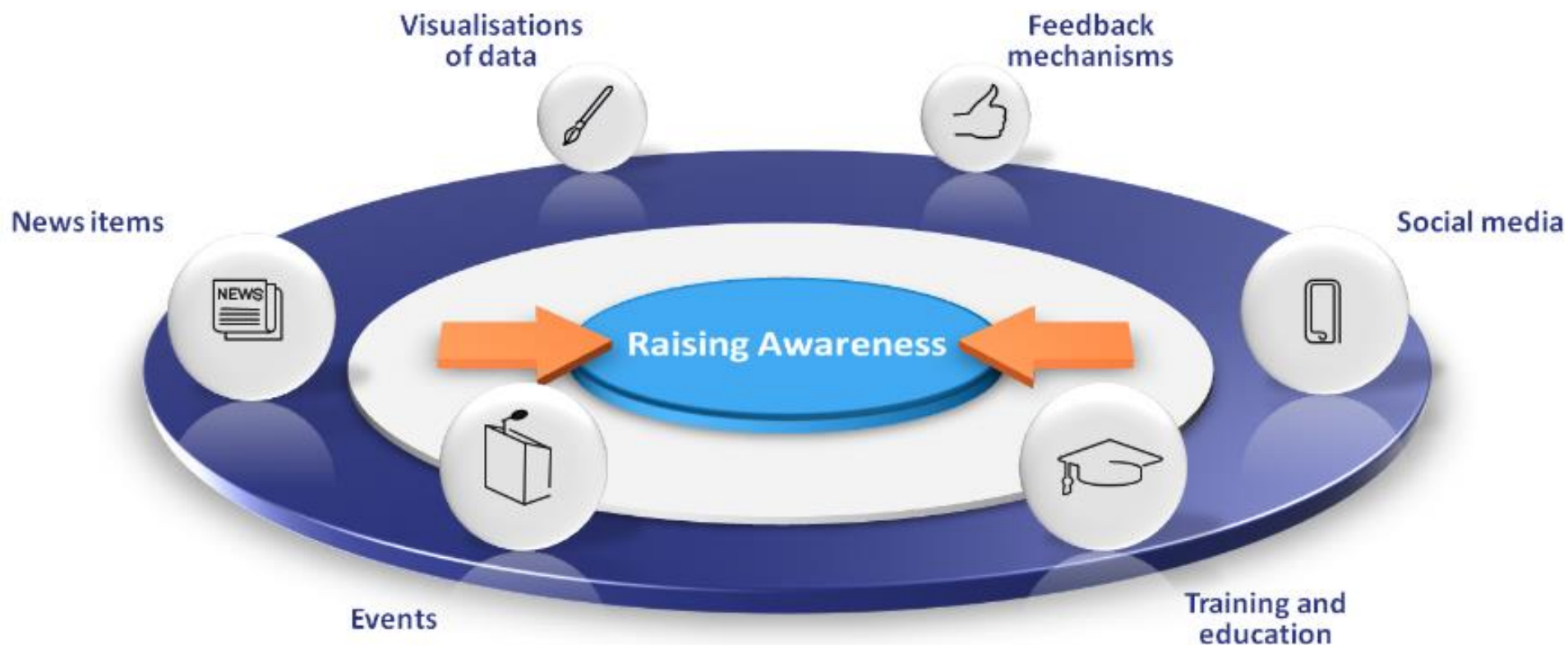
Understanding the 'other side' still poses a challenge

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Increasing interaction between publishers and re-users – both online and offline

Lessons learned from European best practices



Raising awareness remains key to reaping the benefits of Open Data

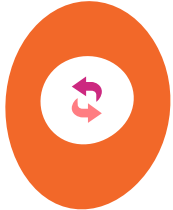
Portals as main platform for interaction between publishers and re-users



Ensuring sustainability – some recommendations for portal owners



- ✓ Understand your audience better by employing analytics tools and deriving insights
- ✓ Enable feedback mechanisms and online interaction between re-users and publishers

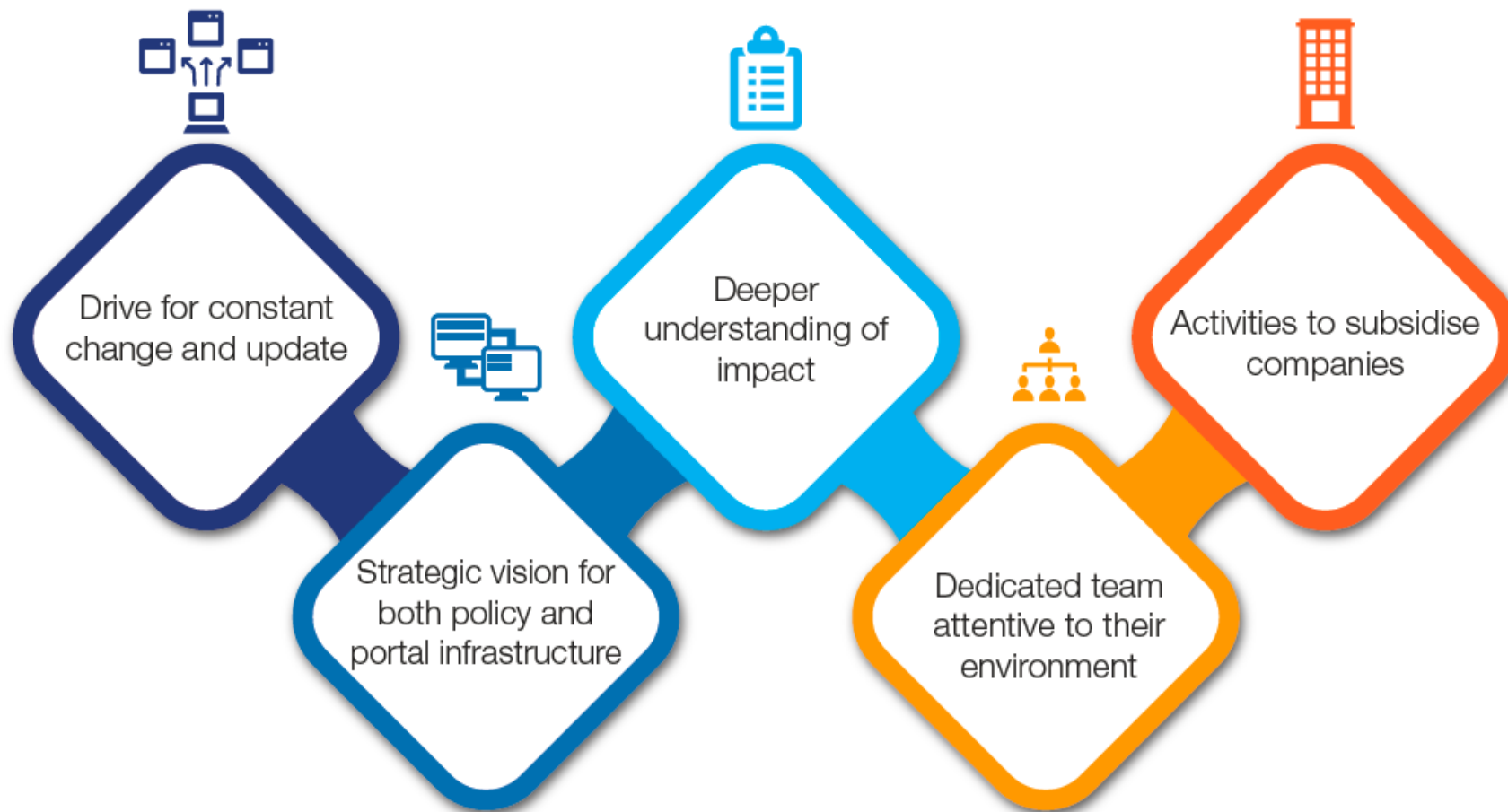


- ✓ Explore alternative financing models for your portal
- ✓ Advocate for Open Data by demonstrating impact and secure long-term support



- ✓ Leverage the use of privately held data and engage with private sector data holders
- ✓ Become an access point to real-time data

Key success factors to achieving Open Cities



Open Data thrives on an enabling environment at city level

Steps to foster entrepreneurship in Open Cities

1. **Prioritise** the topic and place it on the political agenda
2. **Define** an adequate framework and set up an enabling environment
3. **Govern**: set up a structure to ensure responsibility, ownership and sponsorship
4. **Ideate**: create the space for idea generation and 'trial & error' (both bottom-up and top-down)
5. **Enable** partnerships with other cities and local/regional stakeholders (e.g. private sector)
6. **Pilot** in an ecosystem of promoters and partnerships





Search Datasets

Enter keywords...

Search Q

SPARQL Search




Go and try it out!

<https://www.europeandataportal.eu/en>


How do *you* re-use Open Data?



Tell us your story! <https://www.europeandataportal.eu/en/using-data/tell-us-your-story>

**EUROPEAN
DATA PORTAL**

Newsletter | [FAQ](#) | [Search](#) | [Contact](#) | [Cookies](#) | [Legal notice](#) | [Login](#) English (en) ▼


Search site content... 

European Data Portal > Using Data > Tell us your story

[Home](#) [What we do ▼](#) [Data ▼](#) [Providing Data ▼](#) [Using Data ▼](#) [Resources ▼](#)

[Benefits of Using Data](#) [Checklist for Using Data](#) [Use Cases](#) [Tell us your story](#)

Tell us your story

Share your story about how you make use of Open Data.

Are you an entrepreneur? A non-governmental organisation? A civil servant responsible for publishing data? A local authority?

Tell us your story!

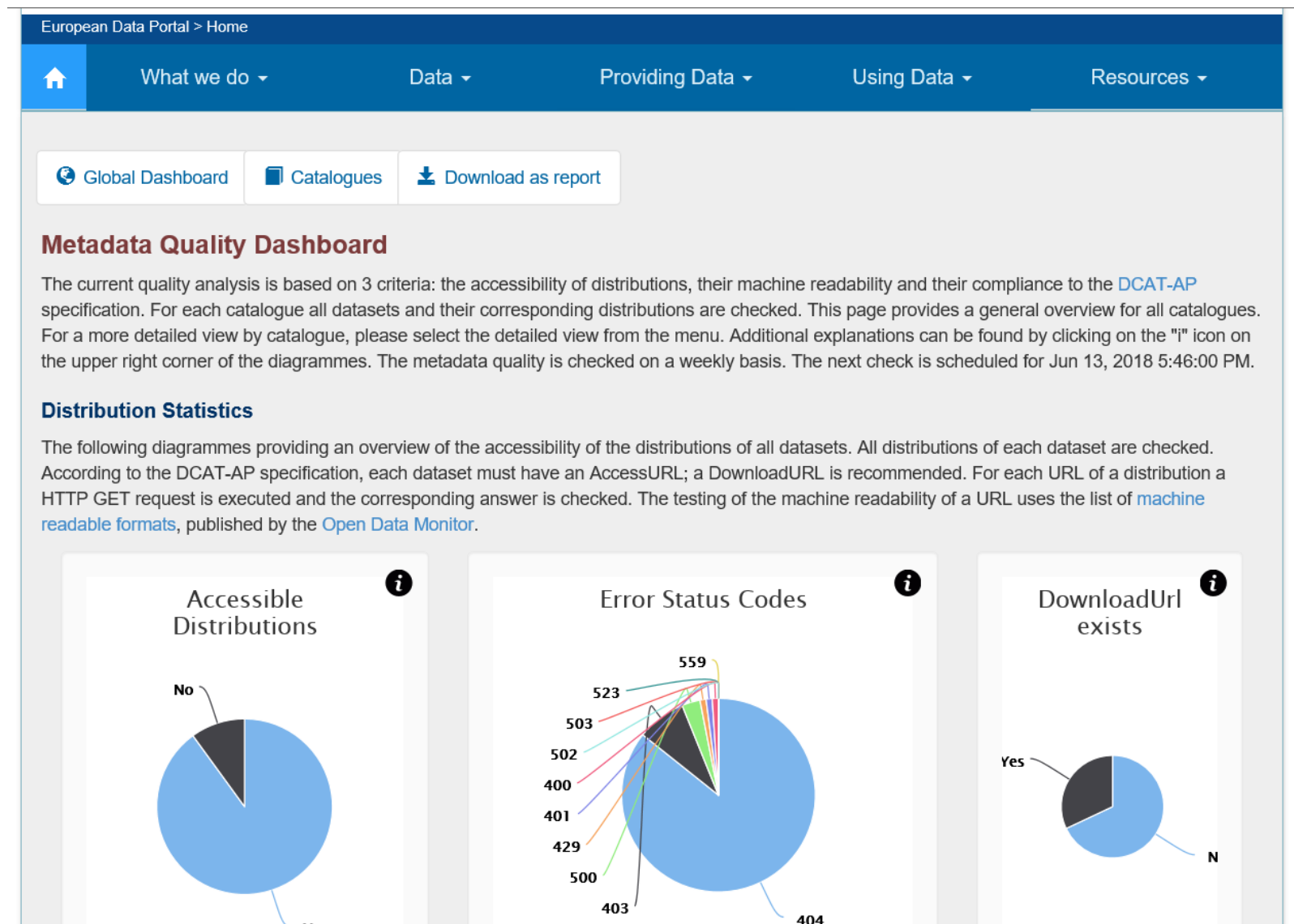
The purpose of the collection of use cases is to assemble interesting European stories about the benefits and efficiency gains that result from the use of Open Data.

For an overview of the use cases already collected, please follow this [link](#)

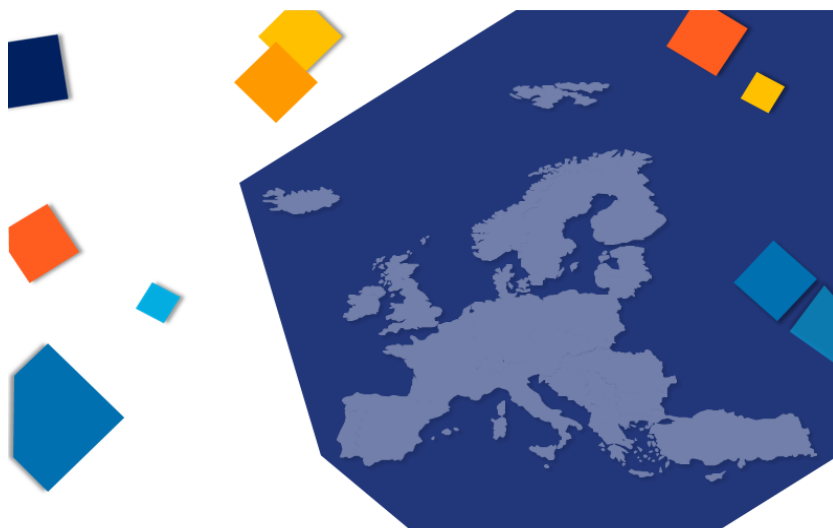
Important note: This information could be made public and it is therefore important to indicate whether your story should be anonymised or not.

The EDP Metadata Quality Assistant

<https://www.europeandataportal.eu/mqa-service/en>

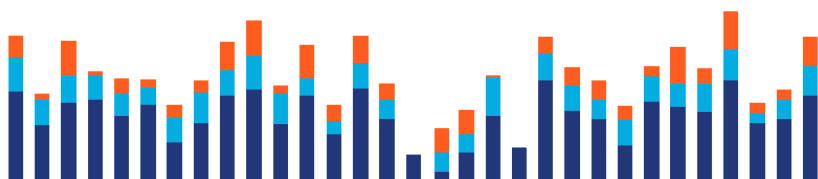


Every year, the European Data Portal team measures the state play of Open Data developments within Europe



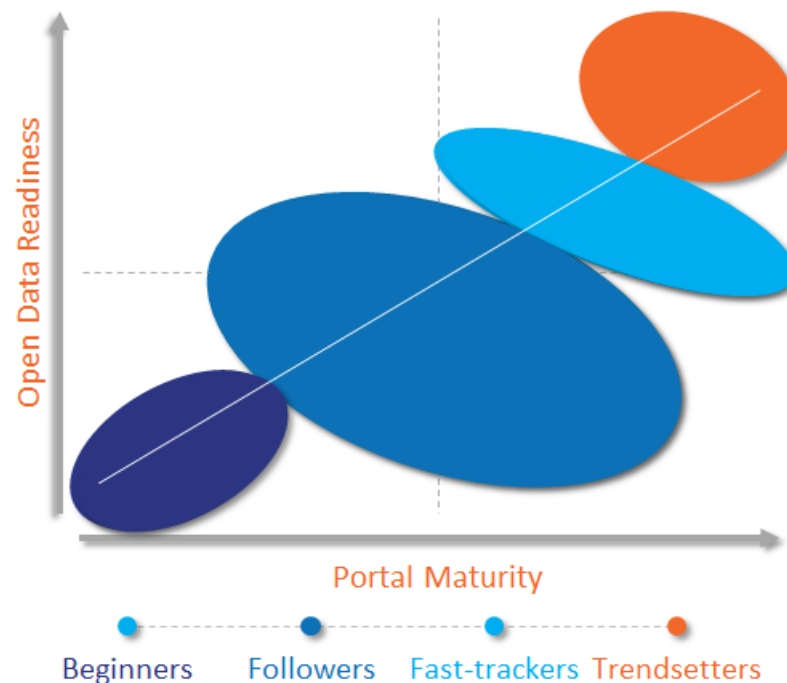
Open Data Maturity in Europe 2017

Open Data for a European Data Economy




Open Data Maturity in Europe 2017


1. Report
2. Dashboard
3. 32 country factsheets
4. 4 levels of maturity



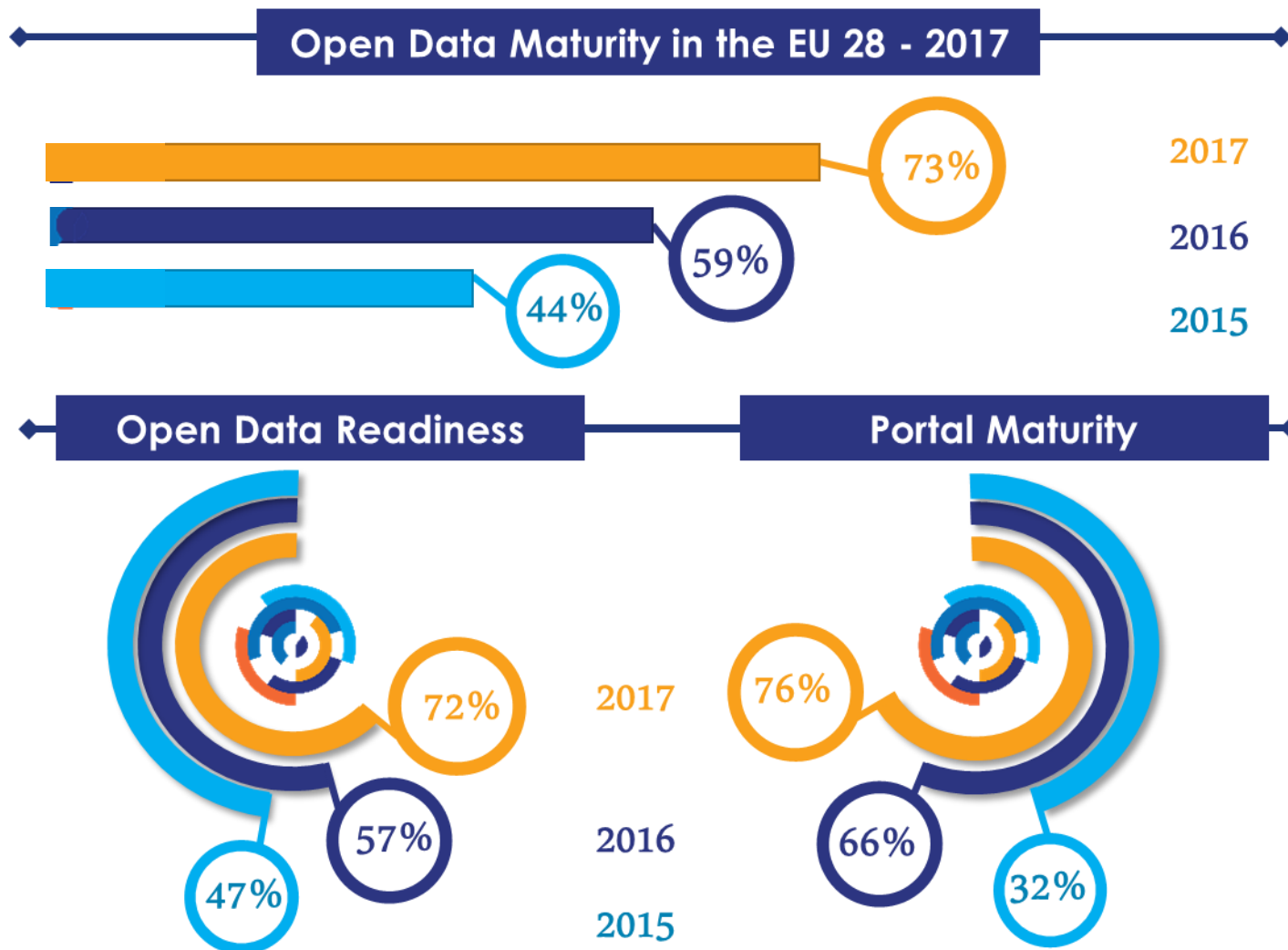
In 2017, the report reveals that EU countries are racing to the top with Open Data to drive digital innovation

Key Trends

 **Open Data Maturity:**
+ 14pp from 59% in 2016 to 73% in 2017
(44% in 2015)

 **Open Data Readiness:**
+ 15pp from 57% in 2016 to 72% in 2017
(47% in 2015)

 **Portal Maturity:** +10pp
+ 10pp from 66% in 2016 to 76% in 2017
(32% in 2015)



The landscaping updates touch upon all 4 dimensions Open Data Policy, Impact, Portal and Data Quality...



...and ensure a more precise analysis of Open Data maturity at both country and European level.

Dimension	Key indicators	Update	Weight
Open Data Policy			28%
	Policy framework	Minor updates of the questions	
	Coordination at national level	Minor updates of the questions	
	Licensing norms	Minor updates of the questions	
Open Data Impact			27%
	Metrics	New section	
	Political	Minor updates of the questions	
	Social	Minor updates of the questions	
	Environmental	Minor updates of the questions	
	Economic	Minor updates of the questions	
Open Data Portal			27%
	Portal functions	Re-shuffling of 2017 questions	
	Portal use	Re-shuffling of 2017 questions	
	Data provision	Re-shuffling of 2017 questions	
	Portal sustainability	New section	
Data Quality			18%
	Automation	Re-shuffling of 2017 questions	
	Data Actuality	Re-shuffling of 2017 questions	
	DCAT-AP compliance	New questions based on 2017 pilot	
	Linked Open Data	New pilot indicator (no weight in final score)	