



An Roinn Caiteachais
Phoiblí agus Athchóirithe
Department of Public
Expenditure and Reform

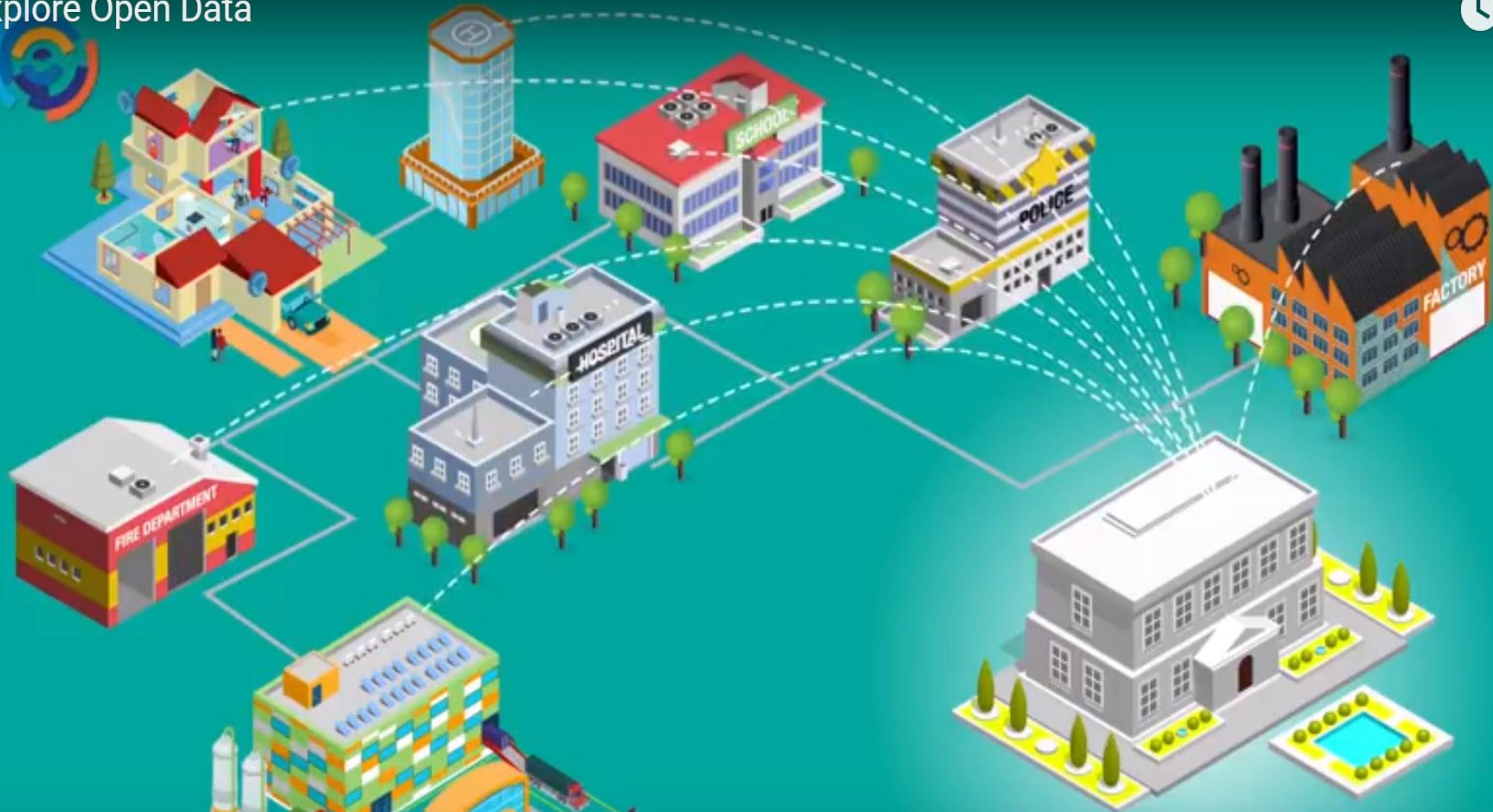
Ireland's Open Data Initiative

- Making data accessible and available for reuse

Rhoda Kerins

18th September 2019

Explore Open Data



Government Data

Open Data Initiative

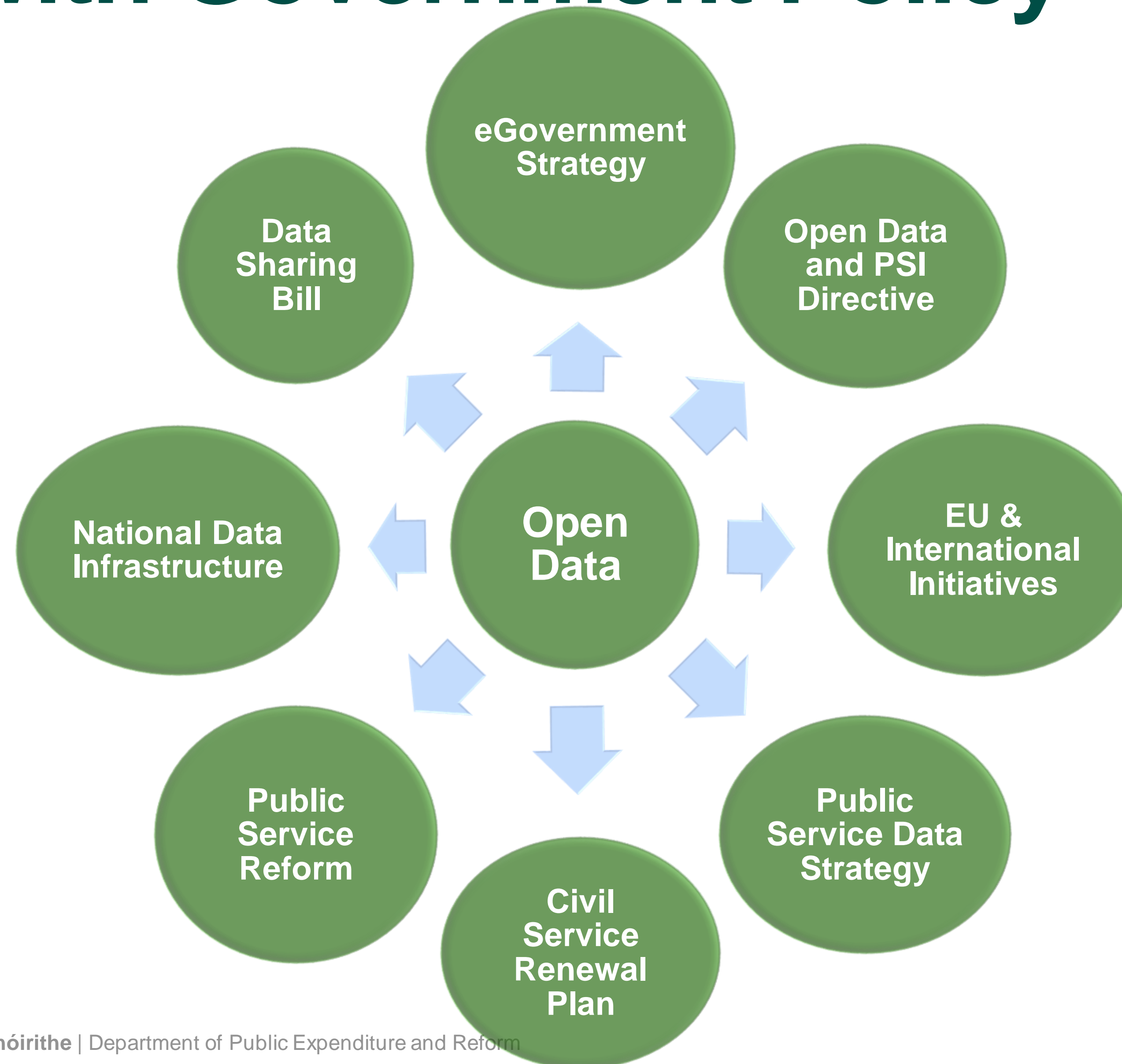


- Key part of the Government's Public Service Reform activities
- Commenced in 2014

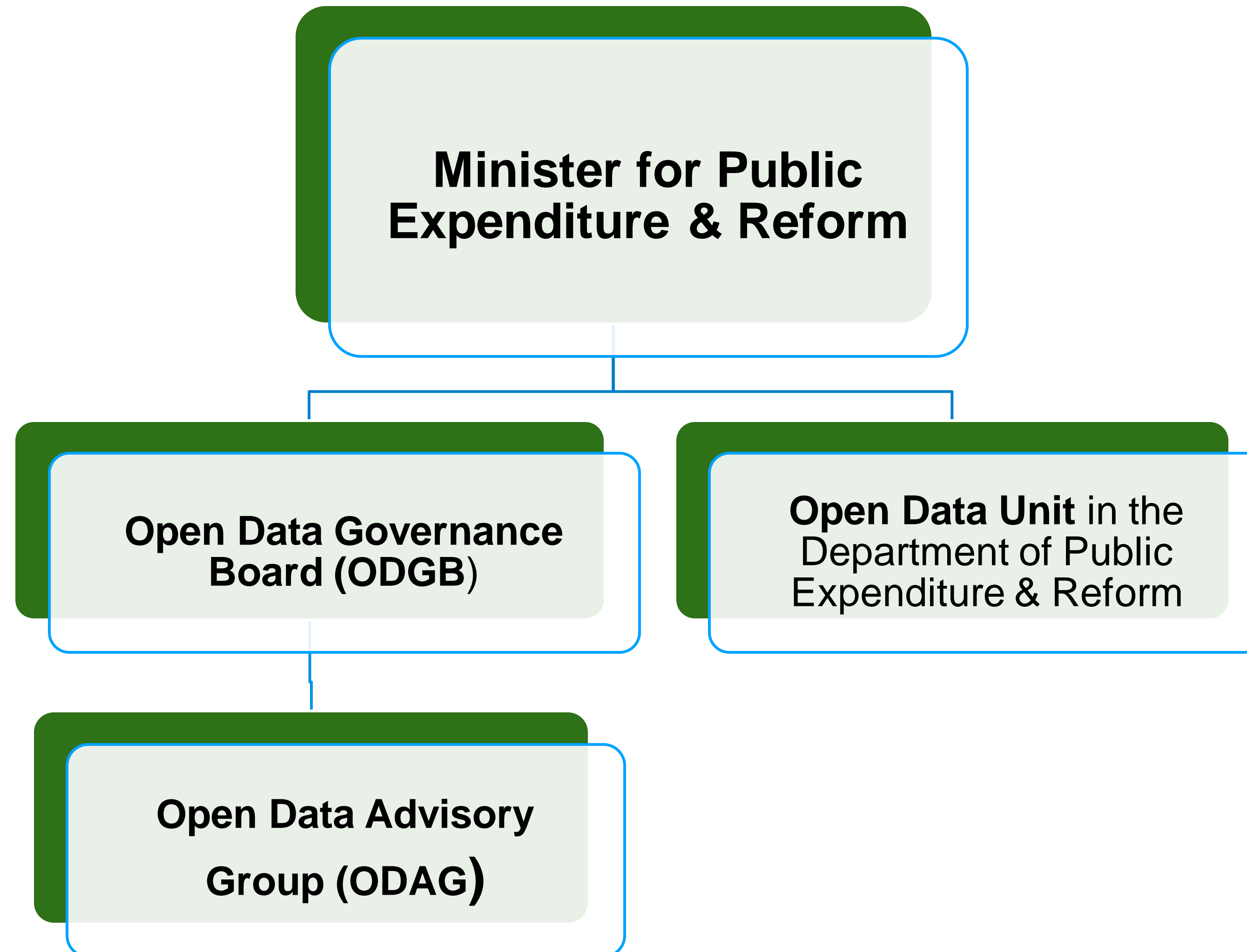
Benefits

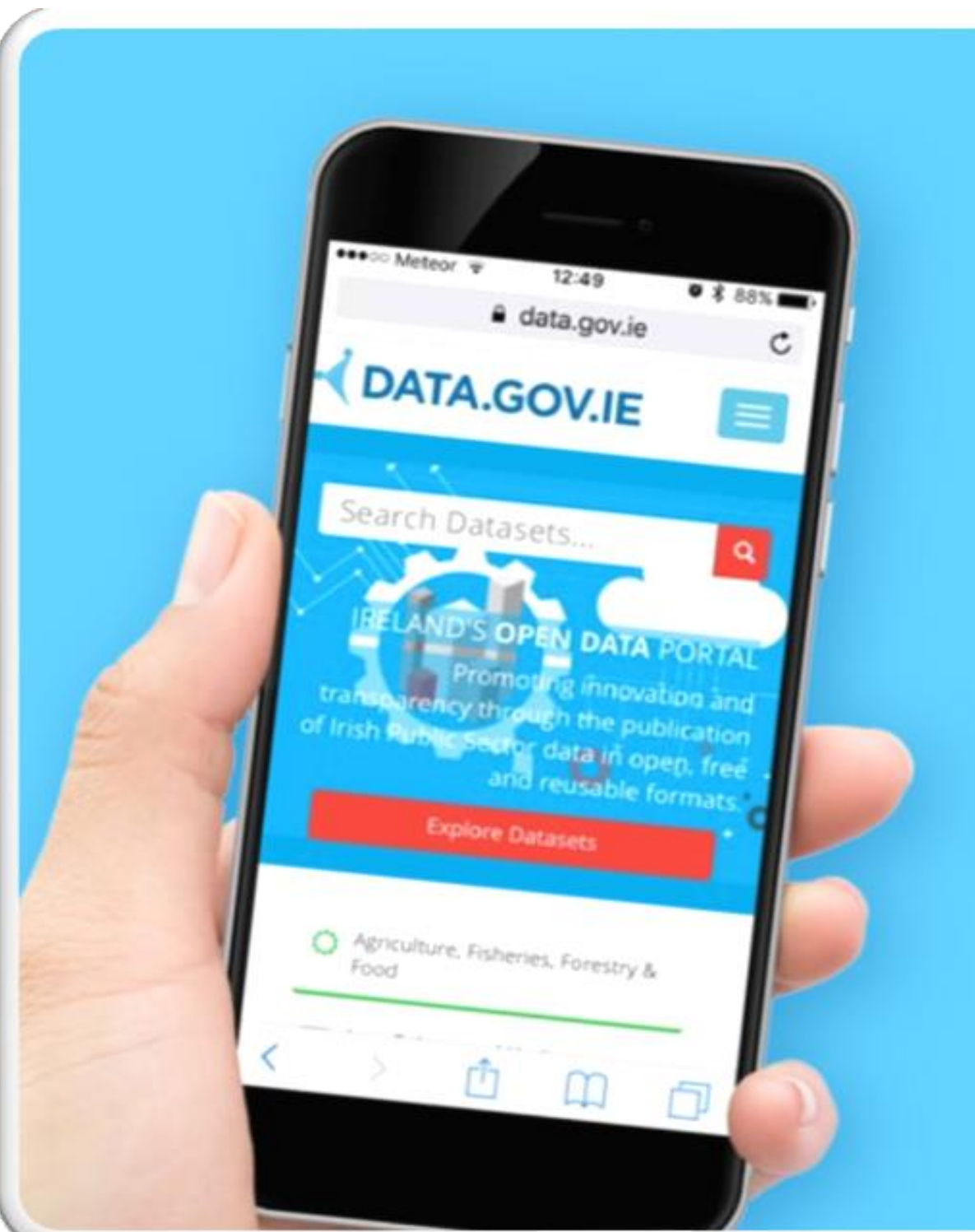
- *Social, economic and political benefits*
- *Transparency, citizen engagement and improved services*
- *Improve risk management, depth of policy analysis and create efficiencies*
- *Business innovation and economic growth*
- *Increase data sharing and innovative use across Public sector*
- *Data is recognised as a strategic and valuable asset*

Aligned with Government Policy



Open Data Initiative Governance





Open Data Strategy

2017 – 2022

DATA.GOV.IE

8720
Datasets

103
Publishers

Open Data Technical Framework

Developed in collaboration with the Public Bodies Working Group on Open Data

Government Reform Unit
Department of Public Expenditure and Reform

June 2015



Open Data Strategy 2017-2022



Core Objectives

- Publication of high value government data in open format, making it publicly available and freely reusable
- Engaging with a broad community of stakeholders to promote its social and economic benefits

DATA.GOV.IE



Public Bodies responsibilities under the Open Data Strategy 2017-2022



Action 2.2

- *Carry out Data Audits*
- *Put in Place Publication Plans*
- *Build trust in Open Data by ensuring datasets are regularly updated and maintained*

Action 2.3

- *Facilitate requests for datasets*
- *Prioritise the release of High Value Datasets in real-time*

Action 2.6

- *Ensure all datasets comply with the Technical Framework*
- *Embed the publication of 3 Star Data into existing data processes*

Action 3.2

- *Host Open Data fora*

Action 3.6

- *Regularly engage in outreach and collaboration activities*

Action 5.4

- *Use Open Data and data analytics to achieve efficiencies*

Theme 7 of the Open Data Strategy 2017-2022



Ensure effective governance structures are in place to implement the Strategy.

- All public bodies to designate a senior person/team within their organisation who will act as a **Liaison Officer** in relation to Open Data.
- These will act as a point of contact with the Department of Public Expenditure and Reform in relation to Open Data and help support the initiative generally.
- As the Strategy is agreed national Government policy, the role of the Open Data Liaison Officer within their own organisation is of particular importance given that buy-in at all levels of the organisation is required.
- Open Data Champions need to be located across an organisation including at senior level.
- Provide progress reports to the ODU.

[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.

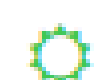
[EXPLORE DATASETS](#)

8875

Datasets

110

Publishers



Agriculture,
Fisheries,
Forestry & Food



Arts, Culture
and Heritage



Justice, Legal
System and
Public Safety



Economy and
Finance



Education and
Sport



Energy



Environment



Government
and Public
Sector



Health



Housing and
Zoning



Population and
Society



Science and
Technology



Regions and
Cities

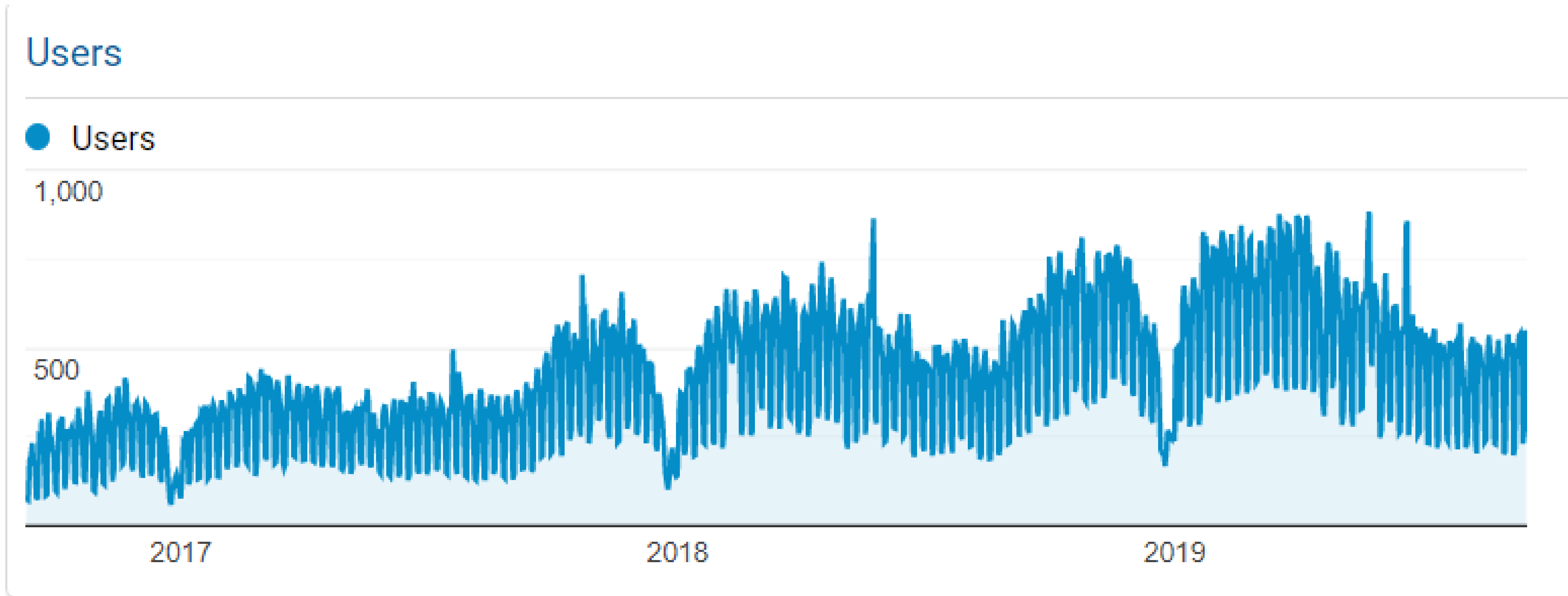


Transport

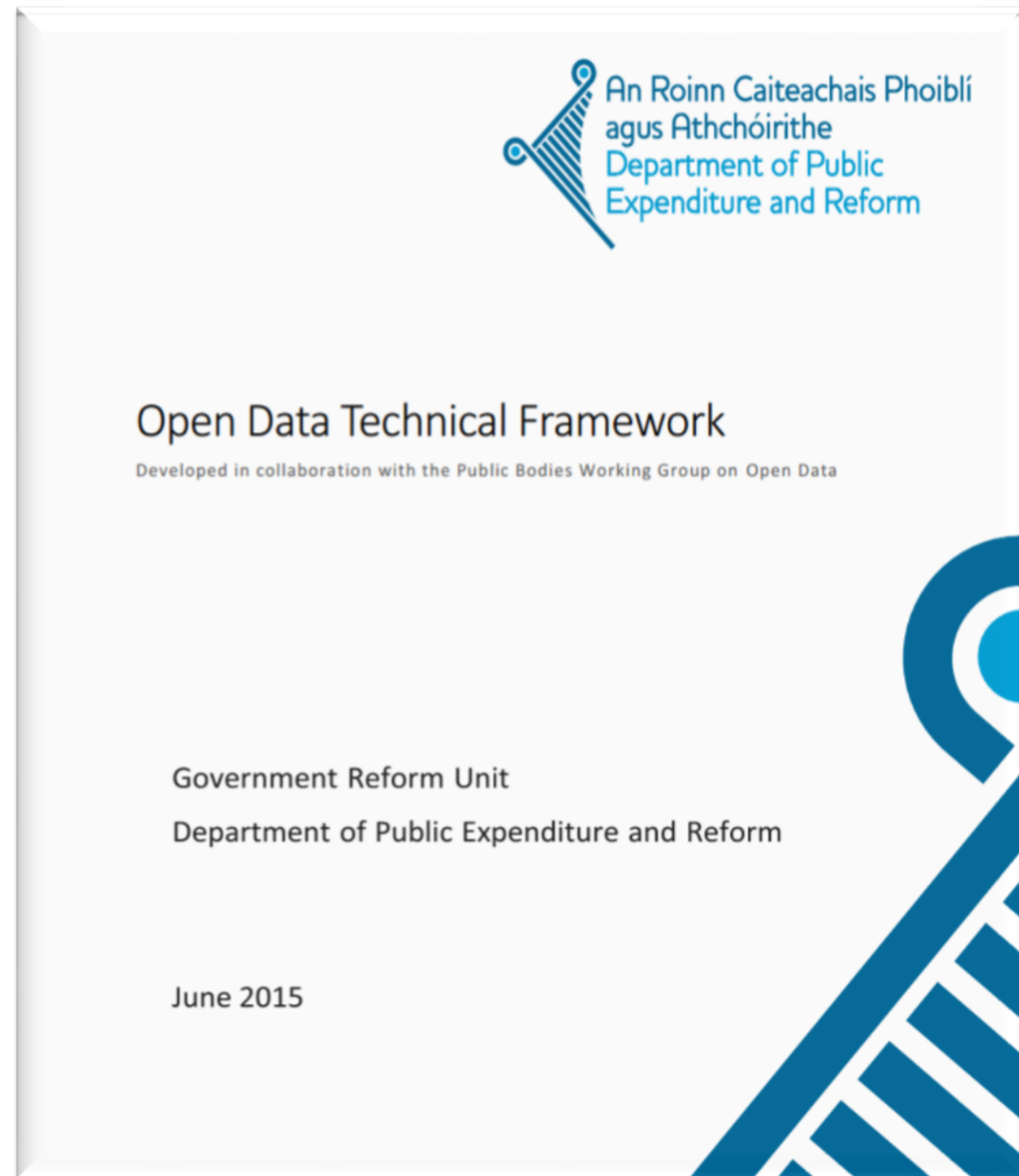
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Portal Users over time



Open Data Technical Framework



5 Key Components

- Open Data Licence
- Recommended Formats
- Metadata Schema
- Recommended Standards
- Recommended unique Resource Identifiers (URIs)

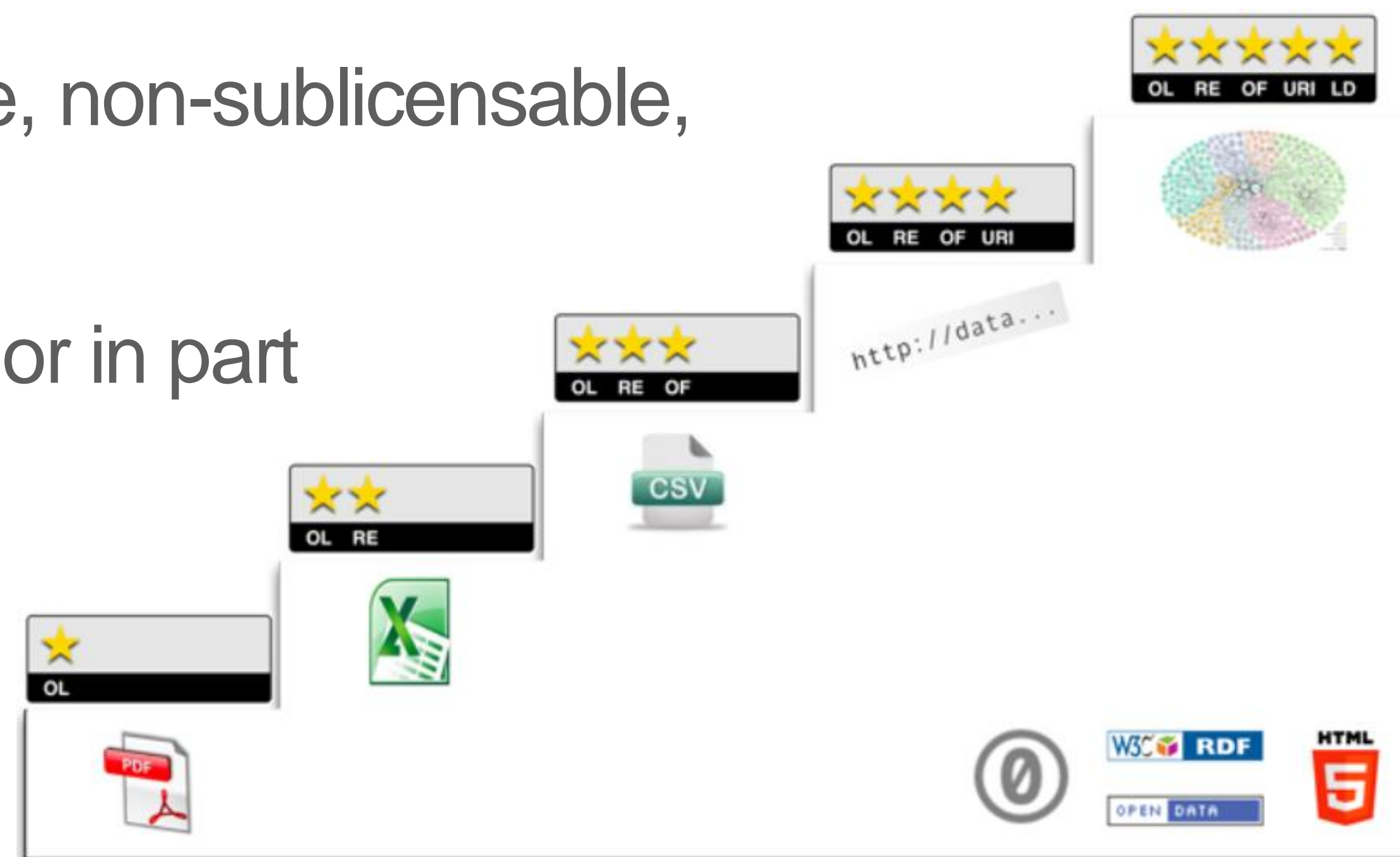
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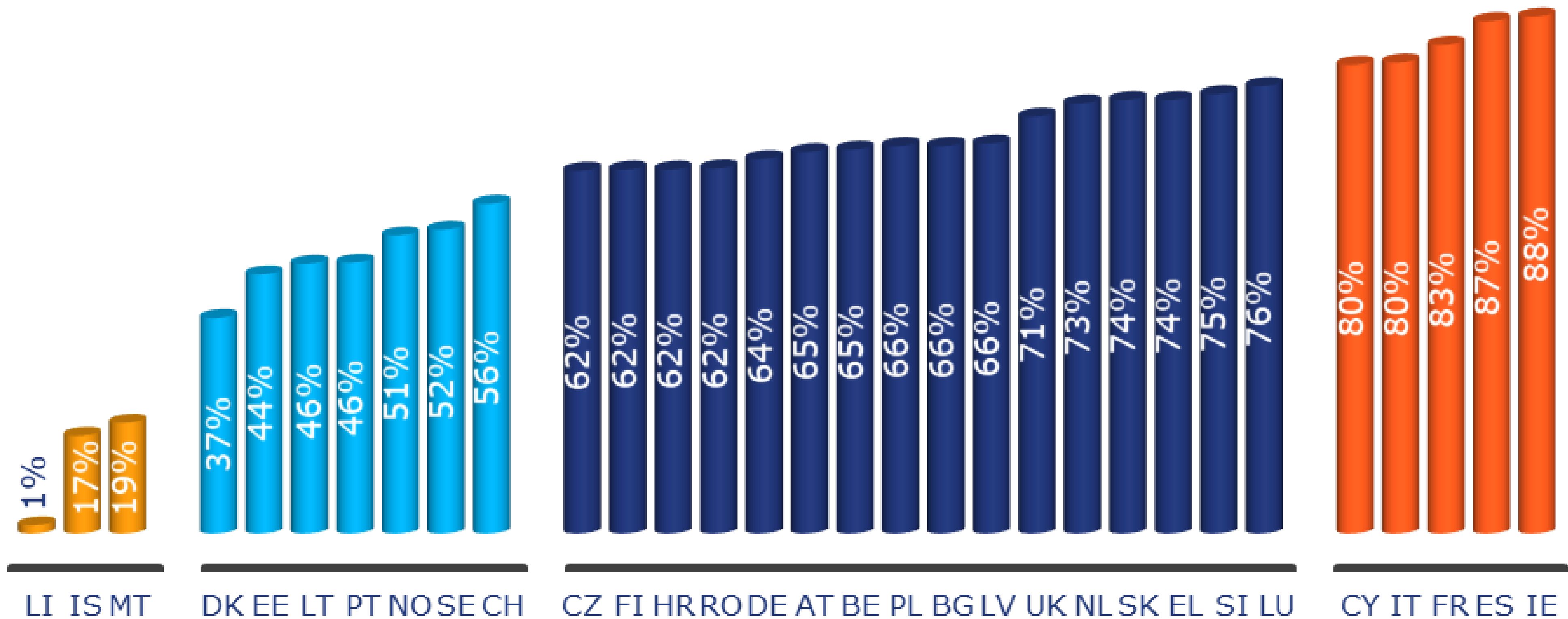
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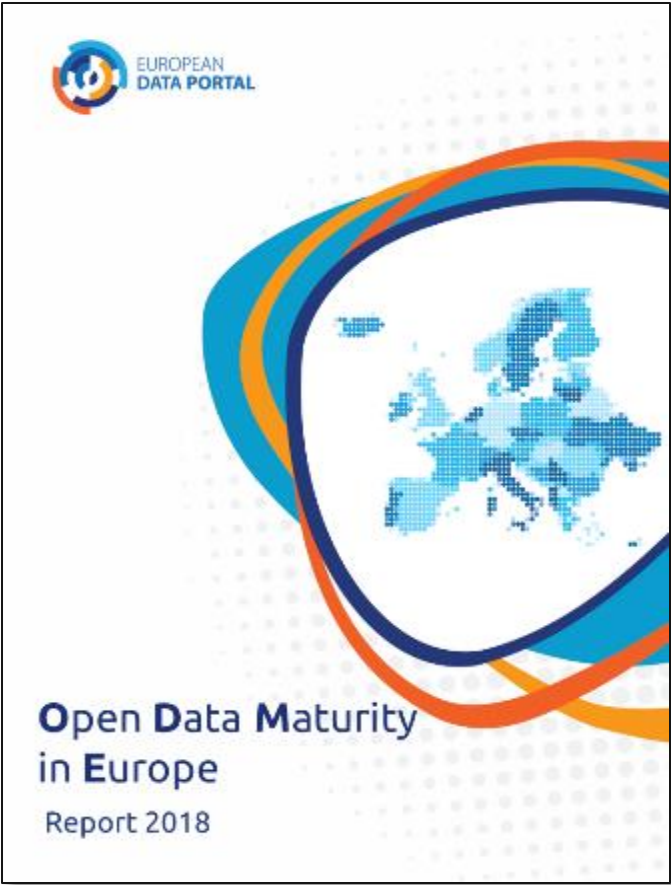




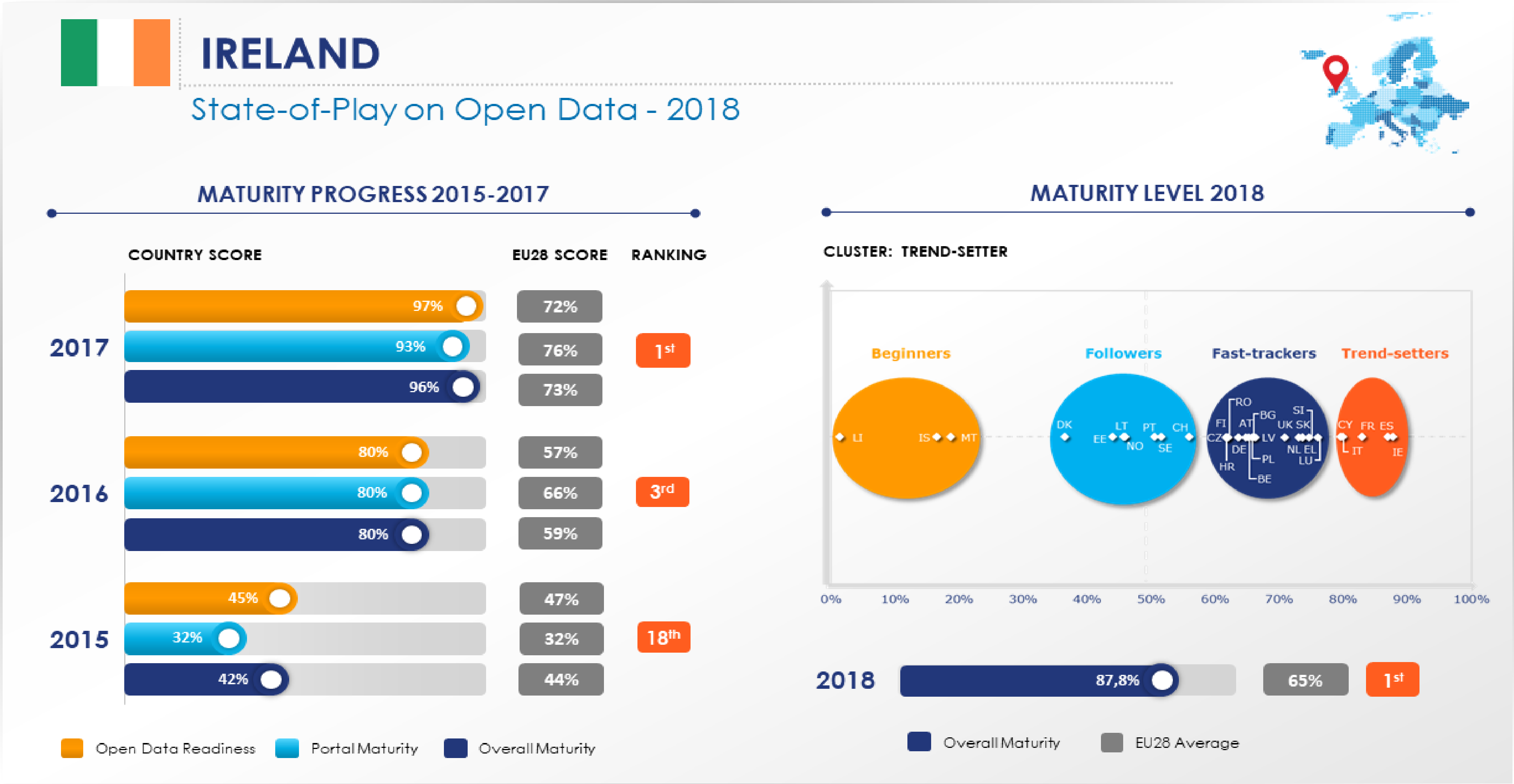
EU Open Data Maturity report 2018 – Ireland No. 1



European Data Portal, “Open Data Maturity in Europe 2018” report, 2018
https://www.europeandataportal.eu/sites/default/files/edp_landscaping_insight_report_n4_2018.pdf



Ireland Open Data Maturity progress





SEP
26

Creating Business Opportunities with Open Data

by Derilinx

Free

Open Data Impact Series #1

Business Opportunities



MAR
22

Driving Open Transport Data

by Derilinx

Free

Open Data Impact Series #2 Transport



Follow

Some great insights on the possibilities of joining up data from different transport systems, even combining it with car sharing options like [@GoCarIreland](#). Ultimately improving the end users experience.
[#OpenDataImpact](#)



Mark Bennett
[@MrkBnt](#)

Following

Even the overflow room is full at [#opendataimpact](#) [@derilinx](#) event. Great to see such interest in data...for the right reasons. [@jcudden](#) [@EnergyElephant](#) [@sileginnane](#) [@colmbrady](#) [@deirdrelee](#) [@smartdublin](#) [@BikeLook](#) [@25FitzwilliamPl](#)



In Room and Online Engagement

Engagement Fund



Who can apply?

Any organisation or individual.

How much can I get?

Between **€500** and **€5,000**

What type of projects are funded?

- Outreach and engagement activities,
- Building applications,
- Development of visualisations,
- Research,
- Development of use cases to show the impact or potential impact

How can I get further information?

Apply online at

<https://data.gov.ie/pages/open-data-engagment-fund>

Open Data Publishers in Ireland



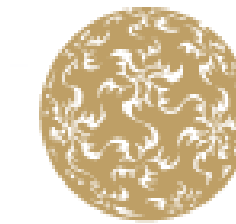
Revenue



Marine Institute
Foras na Mara



Environmental Protection Agency



Banc Ceannais na hÉireann
Central Bank of Ireland

Eurosystem



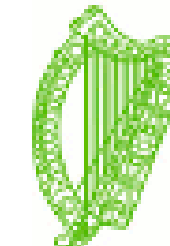
Health Service Executive
Feidhmeannacht na Seirbhíse Sláinte



Irish Sea Fisheries Board
Bord Iascaigh Mhara



An Roinn Caiteachais Phoiblí
agus Athchóirithe
Department of Public
Expenditure and Reform



An Roinn
Ealaíon, Oidhreachta agus Gaeltachta
Department of
Arts, Heritage and the Gaeltacht



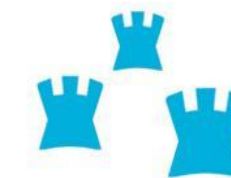
An Roinn Tithíochta,
Pleanála agus Rialtais Áitiúil
Department of Housing,
Planning and Local Government



Údarás
Náisiúnta Iompair
National Transport Authority



All-Island Research Observatory
An tIonad Breathnaithe um Thaighde Uile-Éireann



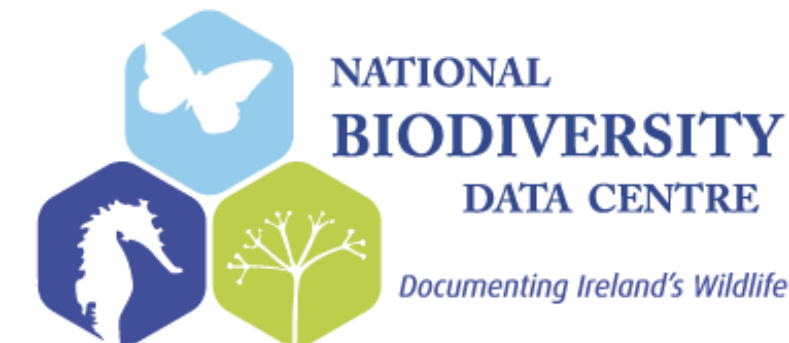
Dublin City Council
Comhairle Cathrach Bhaile Átha Cliath



AN OIFIG UM CHLÁRÚ CUIDEACHTÁI
COMPANIES REGISTRATION OFFICE



Suirbhéireacht Gheolaíochta Éireann
Geological Survey of Ireland



NATIONAL
BIODIVERSITY
DATA CENTRE

Documenting Ireland's Wildlife

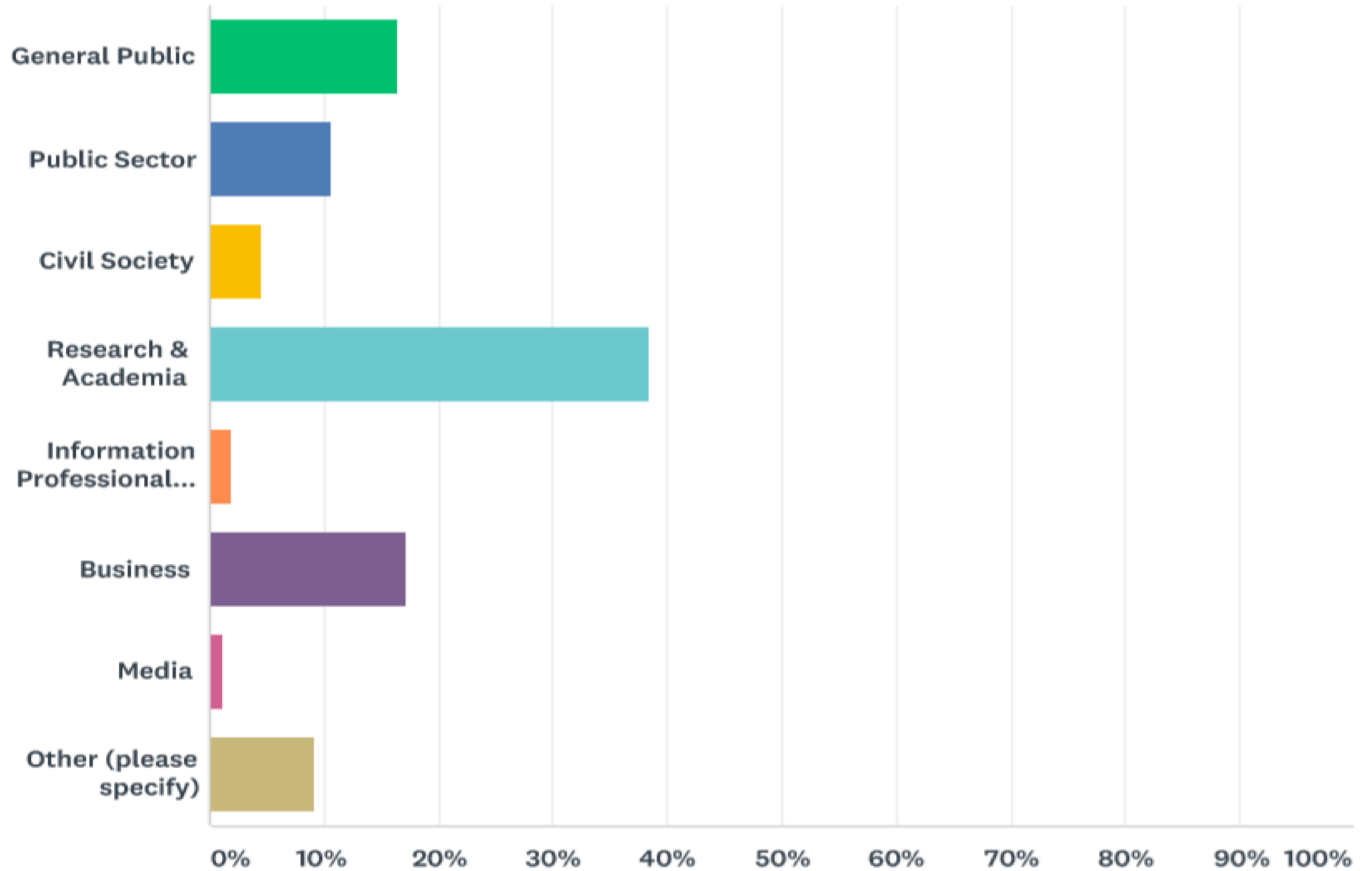


AN ROINN | DEPARTMENT OF
OIDEACHAIS | EDUCATION
AGUS SCILEANNA | AND SKILLS

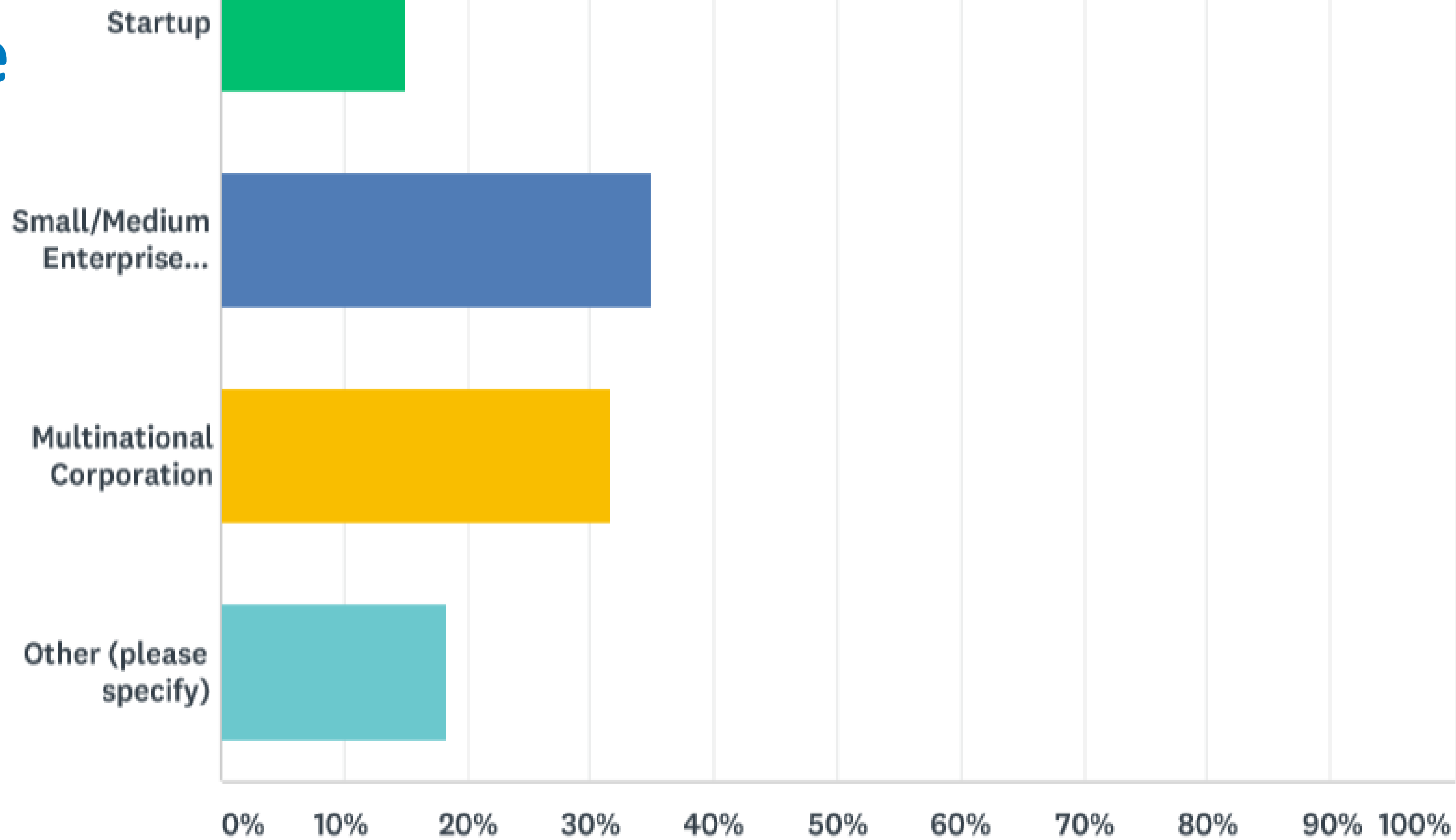


Údarás Um Shábháilteacht Ar Bhóithre
Road Safety Authority

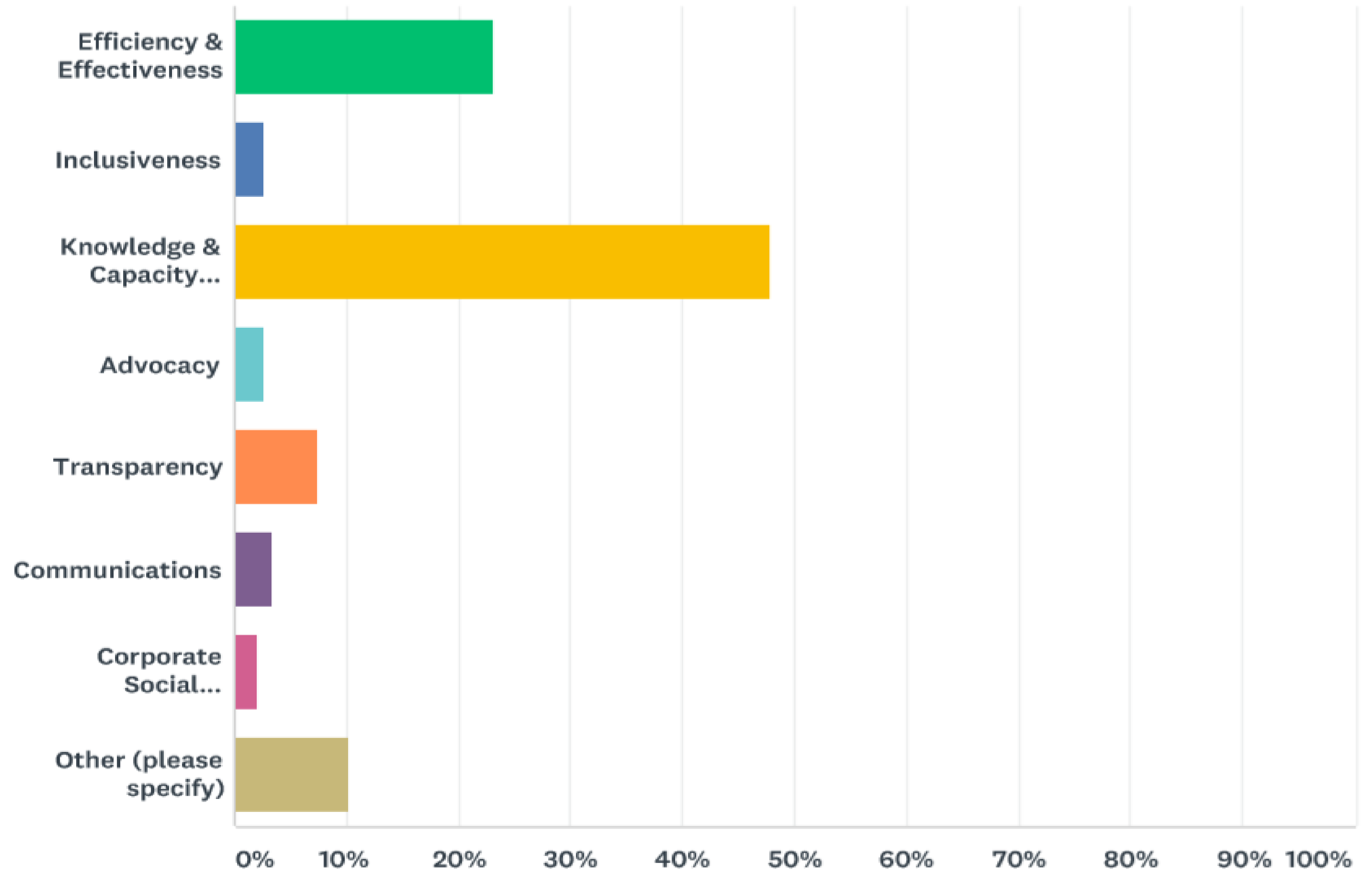
Origin of Open Data Users



Organisation Type



Benefits of using Open Data



Comments and Improvements



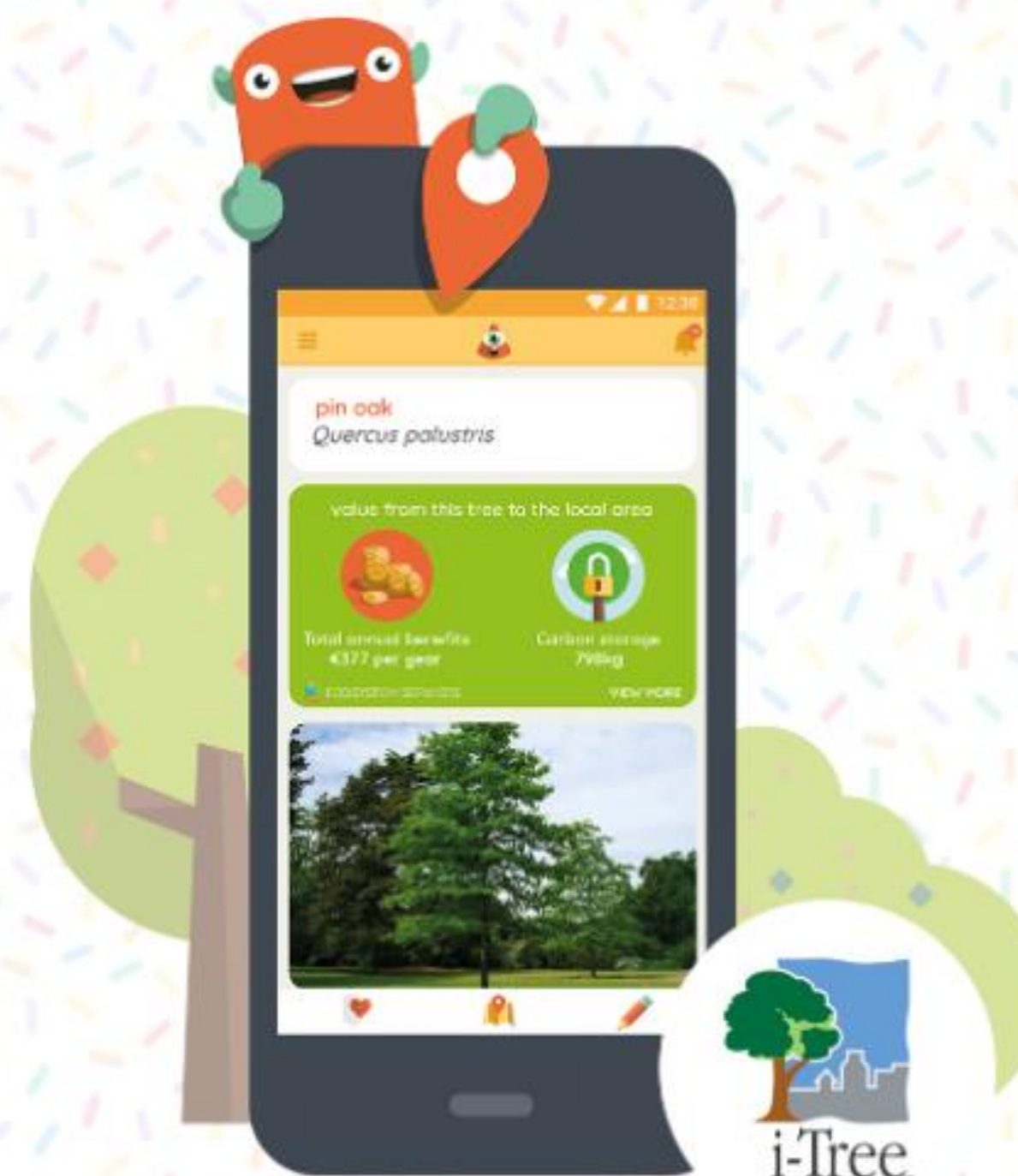
- I'm surprised there's so much
- Improve meta data search parameters
- Thanks for the opportunity to access this material
- A map would have made it so much easier!
- More localisation for non Dublin
- There are still too many government datasets that aren't being released
- Simple: More Data!

Sample Showcases



**We bring you the resources you need to
preserve your urban forest**

Curio shows communities the value of local trees and
engages volunteers to monitor and care for them





Submitted by
Louise Gavin

[Launch website](#)

Datasets in Showcase

C1206 - Population (Number) by
County of Usual Residence, Time
Leaving Home, ...

C1203 - Population (Number) by At
Work School or College, County of
Usual Res...

E6011 - Population Usually Resident
and Present in the State 2011 to 2016
(Nu...

E6002 - Population Usually Resident
and Present in the State 2011 to 2016
(Nu...

Social

Twitter

Facebook

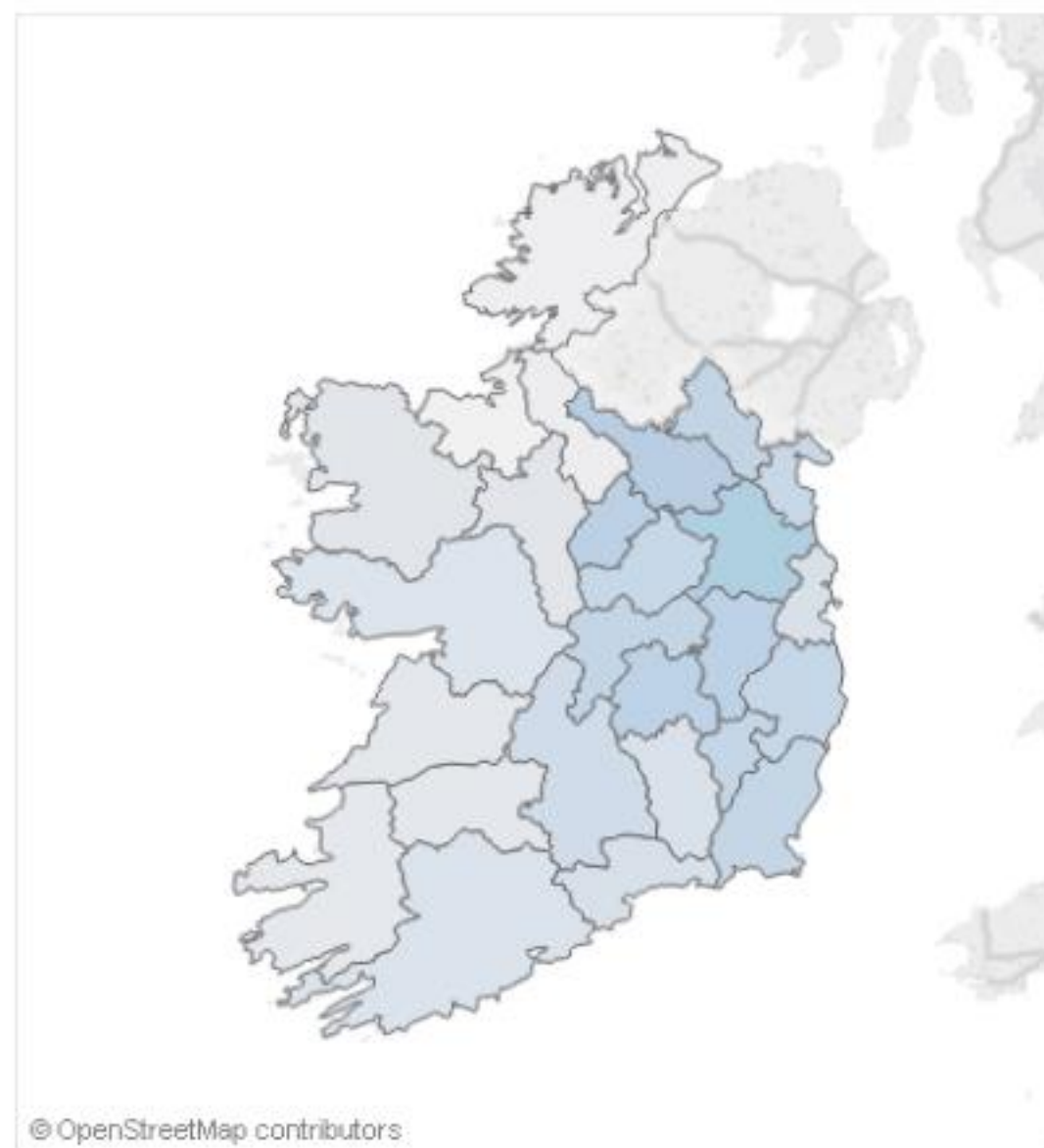
Commuting in Ireland

Commuting in Ireland 2016

2,963K
Commuting

96K
Working from Home

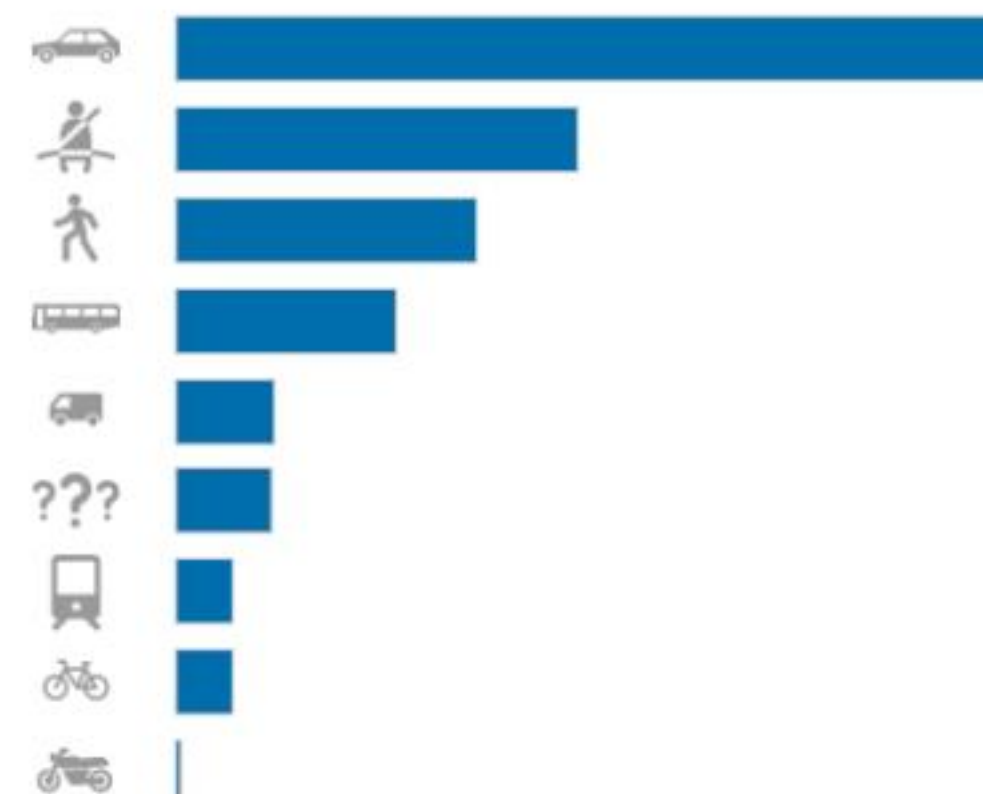
Leaving Times - Percent Leaving Home Before 06:30
Use the Leaving Time Slider below to change the map



Leaving Time Slider
< Before 06:30 > 0

% Travelling
3% 29%

Means of Travel



Travel Destination



Filter by County
(All) ▼

Filter by Census Year
☐ 2006
☐ 2011
☒ 2016

Filter by Destination
☒ (All)
☐ School
☐ School or College
☐ Work



Click for information

DATA.GOV.IE

PER.GOV.IE

ARUP

Voted Public Expenditure

Published by: **Department of Public Expenditure and Reform**

Licensed under: **Creative Commons Attribution 4.0**

Theme: **Economy**

Views: **645**

Openness rating: ★★☆☆☆


Dataset Actions



The Public Expenditure Databank provides access to a comprehensive set of data on voted public expenditure in Ireland. The figures reflected in the databank detail all current and capital spending by Government Departments and agencies, along with expenditure from the Social Insurance Fund and the National Training Fund. Non-voted spending directly from the Exchequer and the salaries of the judiciary are not included in the data. The data is published in the annual <http://www.finance.gov.ie/what-we-do/economic-statistics>(see tables 1 to 3) publication from the Department of Finance. The dataset covers the period 1994 to 2015. For the years 1994 to 2013 the data used is the Provisional Appropriation Accounts. For 2014 the data used is the Provisional Appropriation Accounts. For 2015 the data used is the Provisional Estimates for Public Services 2015 which was published in the Provisional Estimates for Public Services 2015.


Social Protection	Health	Education	Justice	Agriculture	Debt Servicing, EU Payments	Transport	Other
							
€20.0 billion	€15.3 billion	€10.1 billion	€2.6 billion	€1.5 billion	€10.8 billion	€2.0 billion	€10.2 billion

Data Resources (8)



Open Data Estimates Expenditure Source

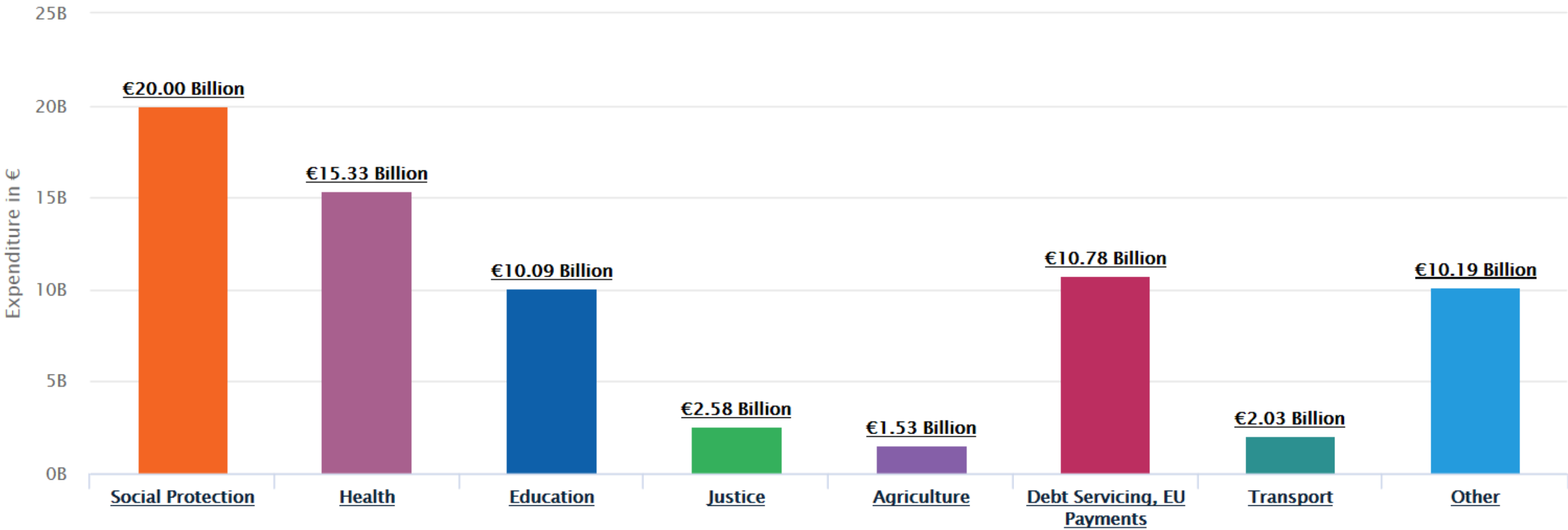
CSV



Open Data Estimates Expenditure Source

PDF

Sectoral Expenditure (Drilldown)



UNHEARD VOICES

SEEKING **SMART**, LOW COST SOLUTIONS...



CHALLENGE:
ENCOURAGE
ENGAGEMENT
OF ALL COMMUNITIES
IN DECISION
MAKING



GET VIEWS OF
UNDERREPRESENTED
GROUPS



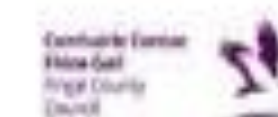
TACKLE
INEQUALITY



INCLUSIVE SOLUTION

APPLY HERE: WWW.SMARTDUBLIN.IE

€100,000 **IN FUNDING**
AVAILABLE



Open Data and PSI Directive 2019



“Open by Default and Design”

- **List of High Value Datasets** to be laid down in an **Implementing Act**
- **New rules on charging:** free re-use becomes a principle
- Re-use of data held by public undertakings in utilities and transport sector
- Re-use of publicly-funded research data
- Prevention of data lock-in
- **Real-time data and APIs**

Upcoming Open Data Training



General Overview (full day)

Monday 21st October 2019 (Ballsbridge Hotel, Pembroke Road, Ballsbridge, Dublin 4)

Data Publication & Technical Framework (full day)

Tuesday 22nd October 2019 (Ballsbridge Hotel, Pembroke Road, Ballsbridge, Dublin 4)

Data Analytics and Visualisation - Advanced Level (full day)

Tuesday 12th November 2019 (Ballsbridge Hotel, Pembroke Road, Ballsbridge, Dublin 4)

Anonymisation (full day)

Wednesday 13th November 2019 (Ballsbridge Hotel, Pembroke Road, Ballsbridge, D4)

Introduction to Linked Data (Broad Training - half day, morning)

Thursday 14th November 2019 (Ballsbridge Hotel, Pembroke Road, Ballsbridge, D4)

Upcoming Events



October 23rd

Open Data Series – Supporting Arts Culture and Heritage

November 27th

Open Data Conference

See [Data.gov.ie](https://data.gov.ie) for details.