

Derilinx have been a trusted partner to Ireland's Open Data Unit and Ireland's Open Data Initiative since its inception.

Ireland has had a leading, trend setting Open Data Initiative for many years and Derilinx have been a critical contributor to this success.

Their expertise covering both advisory capability (strategy, policy, standards and change management in the area of Open Data) and strong technical capability (CKAN expertise, analytics, web application development) enable the team to be extremely versatile in the way they support us.

The team is extremely friendly, pro-active and flexible. It is clear they care about the success of our Initiative.

Rhoda Kerins

Head of Ireland's Open Data Programme
Department of Public Expenditure and Reform



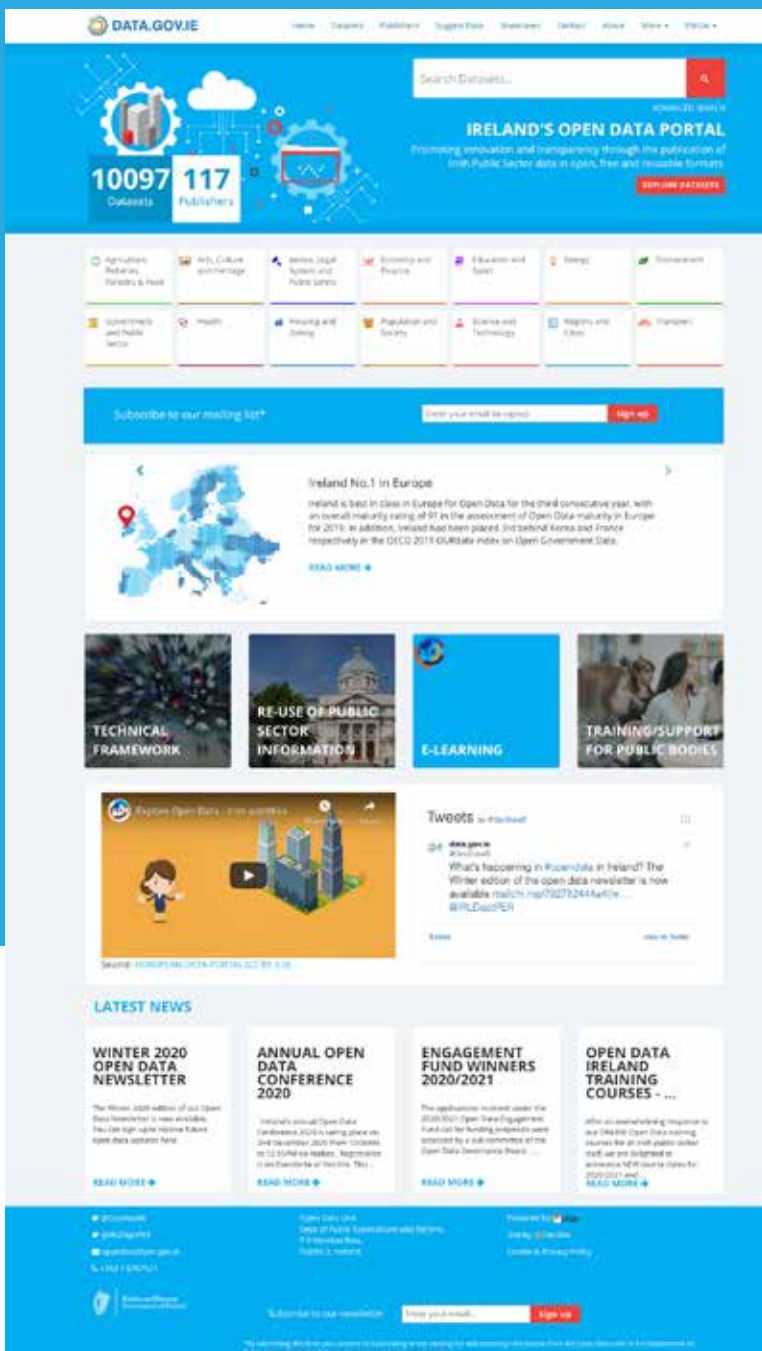
An Roinn Caiteachais
Phoiblí agus Athchóirithe
Department of Public
Expenditure and Reform

Ireland Open Data Programme

Data.Gov.ie

➤ For Ireland’s Department of Public Expenditure and Reform, the Derilinx teams has been in charge of hosting, managing and developing the National Open Data Portal according to international best practice and standards. The aim of the Open Data Portal is to have one place where people can find, access and re-use public sector information that is made available by all Public-Sector Bodies.

➤ Ireland has been ranked as the top country for Open Data Maturity across 32 European countries in a European Commission study for three years in a row¹ and 3rd Globally in the OECD Open Gov Data Index².



10097
Datasets

117
Publishers

The Derilinx Team is contracted by the Department of Public Expenditure and Reform to host, manage and develop the [National Open Data Portal](#) according to international best practice and standards.

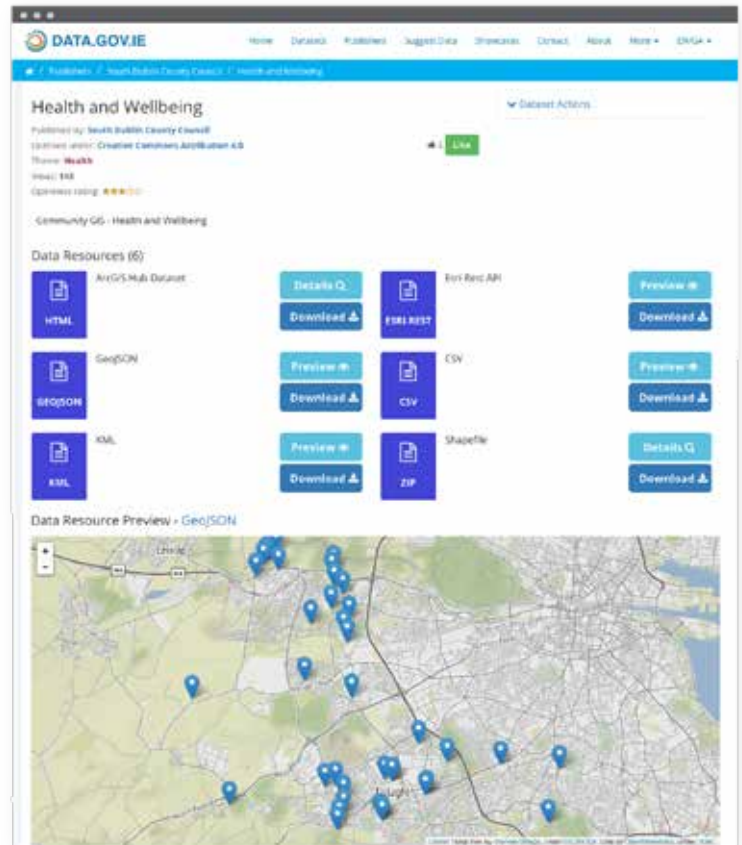
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¹<https://www.europeandataportal.eu/en/dashboard#2019>
² <https://www.oecd.org/gov/digital-government/open-government-data.htm>

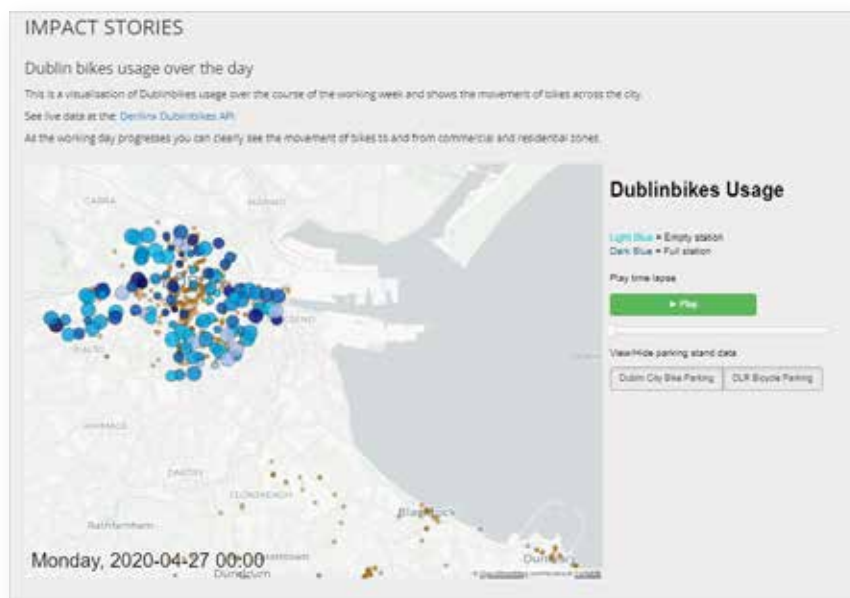
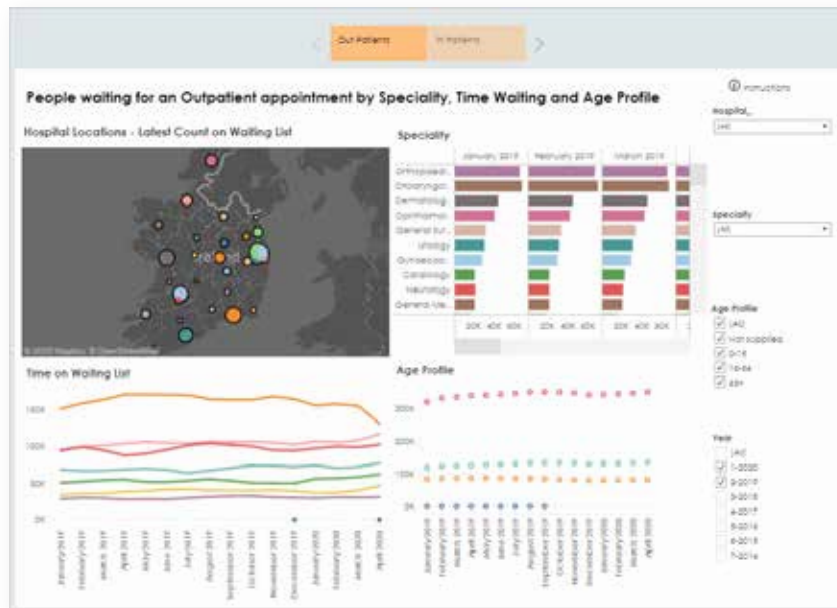
Data.Gov.ie an International Reference in Open Data Portals

- + The development of data.gov.ie involves **collecting, importing and harvesting data from a number of diverse sources** in various Public Sector Bodies. It is important that the data is accessible, machine-readable and standardised, so that it can easily be understood and reused. The data harvesters run nightly to ensure the data is kept up to date.
- + **Derilinx has implemented a number of geospatial data harvesters**, including an API-based harvester that collects data from the Irish Spatial Data Exchange (ISDE)'s GeoServer using the ISO 19115 standard, and multiple ArcGIS harvesters that collect data from Local Authorities. We make use of the CKAN Spatial Extension, which uses PostGIS as the backend and allows it to perform spatial queries and to display the dataset extent on the frontend. Data harvesters ensures the data is timely, accurate and complete. We have extended the **Open Data Portal to ensure it complies with W3C and European Commission international standardisation**, ensuring maximum reuse, interoperability and impact of the data.
- + As part of our work on the National Open Data Initiative, **Derilinx collaborates with Public Sector Bodies on data audits to identify what data assets they hold**, analyse the quality of these data assets, and determine whether they are suitable for publication as Open Data. We defined a number of best practices and guidelines to support the data audit and publication process, many of which are publicly available at data.gov.ie/resources.
- + One of our key functions is to work together with public sector bodies on the publication of Open Data. This involves the routine analysis of what data is held within an organisation, determining its confidentiality, its quality and whether it is suitable for publication as Open Data. Problems can include both technical and operational. From a technical standpoint,



Open Data must be available in open, machine-readable formats to be reusable. This is often not the case with data locked away in siloed systems and proprietary formats. **Derilinx works with the data owner to improve the accessibility of the data** and that it is made available according to the Open Data Technical Framework, i.e. under an open licence and in open, machine-readable formats.

+ We are also involved in the development of Impact Stories that clearly demonstrate tangible impact of publishing and linking data for improved informed decision making across public services, private sectors and citizen-stakeholder groups through powerful analytics.



Technologies We Used



We can help you with your next project!



GET IN TOUCH

derilinx.com

info@derilinx.com

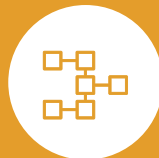
Harness the power of data with Derilinx



Internationally renowned experts in Open Data, Data Cataloguing and Linked Data



Impeccable delivery track record



End to End expertise covering data strategy, publishing, web-application development, analytics and hosting



datAdore, an open source product used by the likes of the Work Bank, Ireland's Open Data Programme and Smart Dublin



Outcome/Impact focused approach to data ensuring tangible results

