

“Derilinx have been a key partner on our Smart Dublin programme supporting the delivery of our Open Data requirements and helping us to achieve key targets through the provision of a reliable publishing platform. The partnership has been instrumental in accelerating the publishing of open datasets across Dublin City Council and delivering a positive impact for Dubliners.”

Jamie Cudden

Smart City Lead



Dublin City
Baile Átha Cliath

Smart Dublin Open Data Platform

**Fully Hosted & Managed
Open Data Hub**

- > Smart Dublin is a joint initiative by the four Dublin local authorities: Dublin City Council, Fingal County Council, South Dublin County Council and Dun Laoghaire-Rathdown County Council, and a platform for the public sector to engage with entrepreneurs, business, technologists and citizens to find new solutions to city region challenges.
- > Derilinx provide Smart Dublin with a fully managed Open Data Hub and a suite of Open Data Expert services.



Challenges to Address

1. Part of the challenge was to re-establish a new plan for Open Data to align with the Local Authorities' own strategies and plans. It needed to build a new Open Data Hub to be shared by each of the 4 local authorities. It needed to address publishing process and data quality concerns. It needed to set out a reporting and compliance framework for local authorities to comply with the European Union's PSI and Open Data Directive.
2. There were interoperability issues to address in terms of multiple data source formats and structures. Accessing data from various enterprise systems, to sensor network are each challenging technically. The platform needed also to integrate with various stakeholder reporting systems.
3. The four local authorities in the Project are each of a different background, culture and Open Data Maturity. For the Programme to work as a whole it needed to engage each organisation well so that the wider region could be represented in a balanced way.

WORK DELIVERED

Strategic Planning, Road-Mapping & Stakeholder Engagement

Derilinx engaged with the Smart Dublin team to create a Strategy for the Open Data component of the programme.

- + This roadmap sets out the specific goals, and steps required to be taken to achieve them for each local authority partner in the project. This has been further energised in the response to the Secretary General of the Department of Public Expenditure and Reform Open Data Memo.
- + For this planning work we take a services-led approach – focussed on the service outcomes each local authority is planning to achieve in its divisions including housing, roads, planning, waste, etc. These strategies and plans must translate into practice in order to be realised.
- + We have supported our client in putting a data role and lifecycle in place for its member local authorities.
- + We engaged closely with the central Smart Dublin team, who were focussed on sub-projects including: **Smart Docklands, Smart DCU, Dublin 8 and Smart Sandyford.**
- + Alongside the Open Data project has workstreams including:
 - Communications
 - Stakeholder Engagement including establishing Data Stewards
 - Leveraging the Open Data Liaison Officers Network
 - Establishing shared information and knowledge sessions.
- + **Open Data and Smart Cities** are very transparently the sum of its constituent parts. The more successful programmes globally are those that highly engage their local businesses and residents.



We participate actively in wider stakeholder engagement on the project and programme and support our client in its delivery on innovation and leadership ambitions.

This has included supporting the programme in its collaboration with companies in development plans, supporting innovation and research and supporting Academia with related projects and data needs.

Objectives
To understand the expectation and vision as to what the data could provide

Contributors

- LA Business Owner
- Smart Dublin
- MUI or Other Research institutes
- Third Parties (e.g. Google)

Objectives
To prevent/visualise the relevant data in a meaningful way

Sources/Contributors

- LA Business Owner
- Smart Dublin
- MUI or Other Research Institutes
- Third Parties (e.g. Google)



Objectives
To identify relevant datasets to enable visualisation, analytics and insights.

Sources/Contributors

- DUBLINKED (Open Data)
- Other L.A. Data
- Other Public Sector Data
- Other (Private Sector)

Objectives
To review & cleanse existing datasets (Regional)
To add new datasets as and when identified

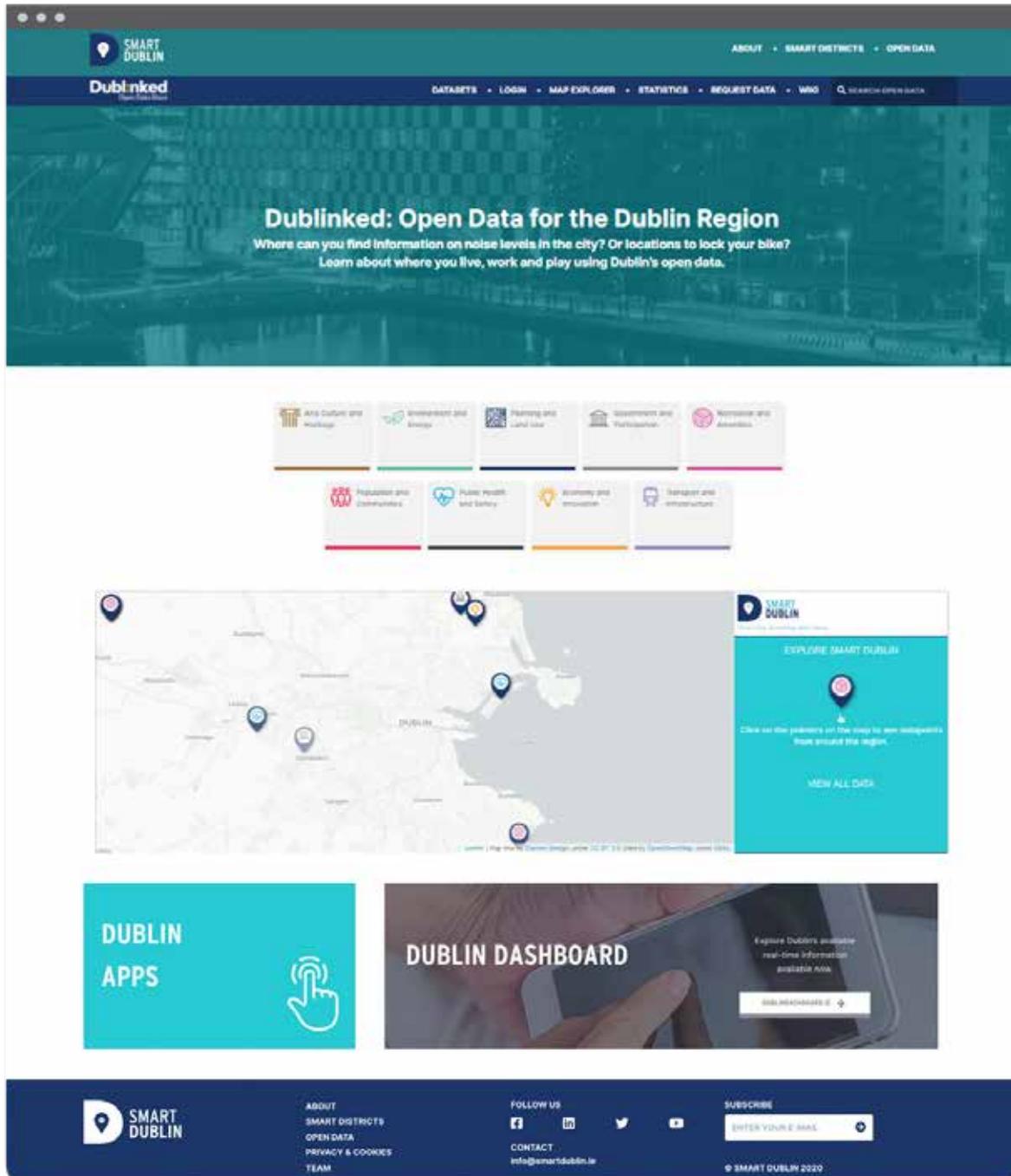
Contributors

- CE Support
- Data Lead
- Derilinx
- LG Open Data Project Team
- Open Data Liaison Officers

WORK DELIVERED

Design, Development & Maintenance of Smart Dublin Open Data Platform

Derilinx is responsible for updating the **CKAN Open Data Portal**, managing the portal on an ongoing basis, and facilitating the publication of new datasets.

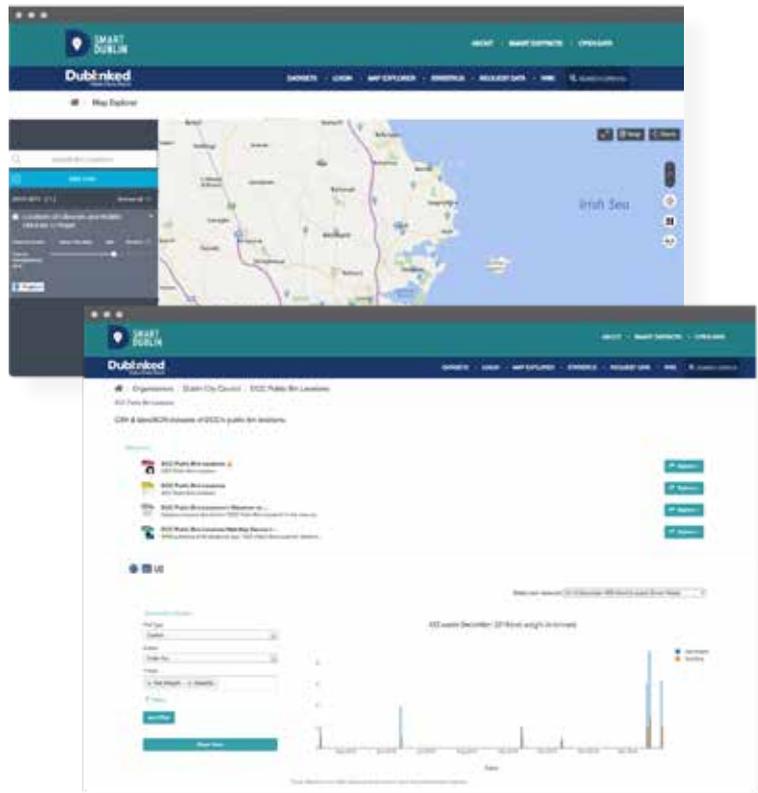


Smart Dublin Open Data Homepage

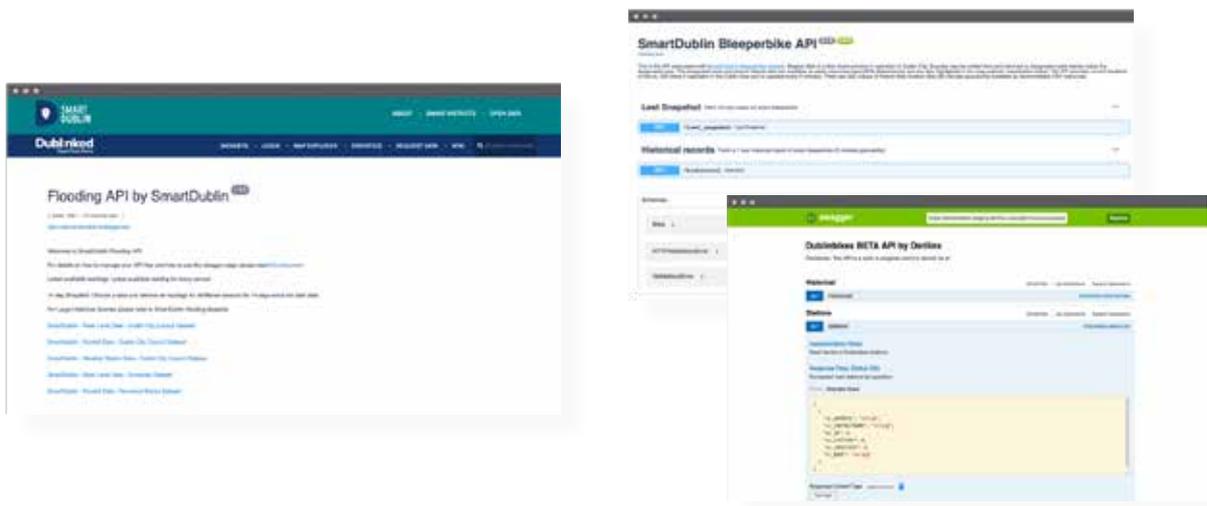
Smart Dublin includes more than **30,000 users per year** across more than **300 datasets** including Geospatial Datasets across a variety of themes.

We have built some powerful self-service analytics capabilities for users across the portal allowing users to preview, interact, cut and dice information directly from the portal.

Smart Dublin is focusing on a number of priority data domains that are relevant for their Smart City stakeholders, namely Transport, Waste, Housing and Flooding.



We have built for a series of APIs that are being used by developers and data analysts to access flooding data and microservices transport (Dublin Bikes) data and deliver analytical solutions to be used across public sector, private sector and citizens stakeholder groups for tangible impact.



Technologies We Used



We can help you with your next project!



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derilinx.com

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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

