



PROGRAMME HIGHLIGHTS

20 21



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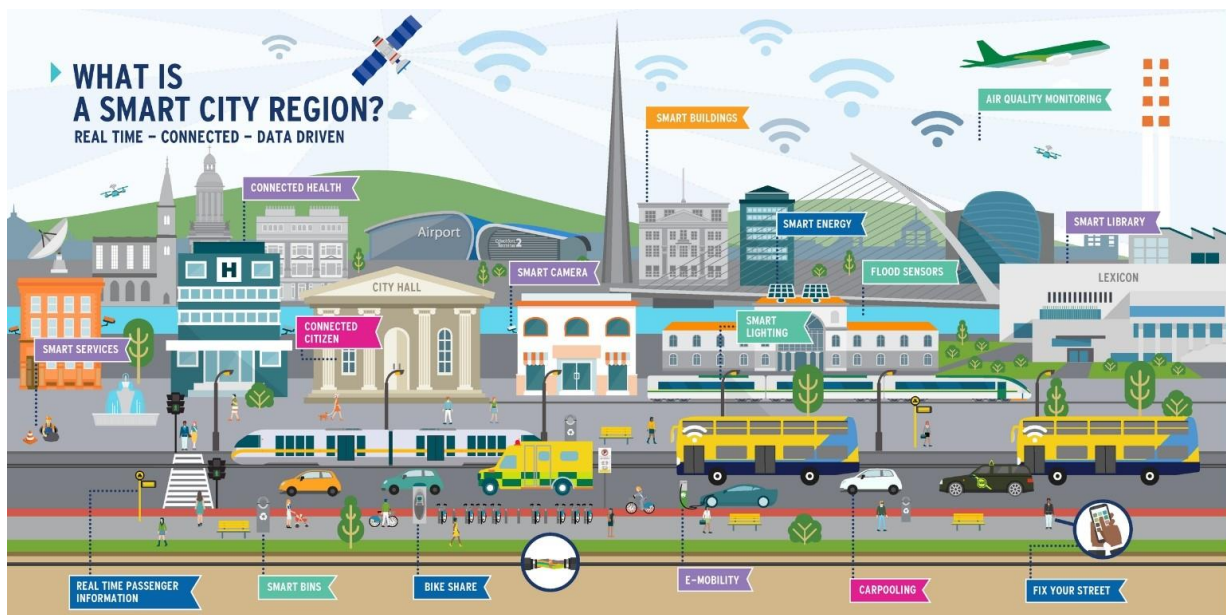
Introduction

Founded in 2016, Smart Dublin is an initiative of the four Dublin Local Authorities (DLAs) that brings together industry, academia and citizens, to transform public services and enhance quality of life for citizens. Our goal is to help future-proof the Dublin region by trialling and scaling innovative technology-based solutions to a wide range of local challenges. Across the four DLAs, emerging technologies are being explored within our portfolio of 'smart' projects.

This document highlights the variety of work across the Smart Dublin programme in 2021. The breadth of the programme reflects the breadth of services the DLAs perform, as many services have the potential to be enhanced by adopting new ways of working enabled by technology. More information on any of our activities can be found on our [website](#) or on our [Public Trello Board](#)

Thank you

Smart Dublin would like to thank the many organisations and individuals who have contributed to the programme during 2021 and look forward to further collaboration in 2022. Many of the activities outlined in this document will carry forward into 2022 with new initiatives also planned. Please watch out for updates on our social media channels and on our website.



Smart Dublin Ecosystem

The success of Smart Dublin is built upon collaboration with an ever-evolving ecosystem of diverse stakeholders. Today our ecosystem resembles an innovation wheel with many spokes all of which play a critical role in ensuring innovation in Dublin continues to turn and grow. The below illustration highlights a selection of stakeholders with whom Smart Dublin has collaborated with to date.



Smart Districts

As part of the Smart Dublin programme, five Smart Districts have been established; [Smart Docklands](#), [Smart Sandyford](#), [Smart DCU](#), [Smart Balbriggan](#) and [Smart D8](#). These are strategically selected locations where innovation projects are fast-tracked. In addition, a thematic '[Smart Tourism](#)' programme covering the Dublin region has been established.

Programme Highlights 2021

At a glance

Citizen Centric Innovation



Engaged with 435
Transition Year
Students



680 Rough Sleeper
App Alerts



31.7k visitors to
data.smartdublin.ie
in 2021



Active Travel Open
Data Showcase
(327 Registrations)

Culture of Innovation



29 Staff Project
Spotlight Sessions



4 Awards



11 Staff Webinars
(1,206 Registrations)



3 Award
Shortlistings

Scale Up Innovation



11 Public Webinars
(2,363 Registrations)



3 EU Horizon
2020 projects
@DLR



20% YoY increase
in Social Media
following

Transformative Innovation



New Regional
Programme



New Telecoms unit
@DCC



New Smart District

Notes to above:



Knowledge sharing sessions for local authority staff



European Innovation Capital Runner Up, Public Sector Magazine Award, .IE Digital Towns Runner Up, Water Safety Ireland Award



European Capital of Smart Tourism, Tech4Good Award, Civic Engagement Smart Expo Award



This includes new and returning visitors

Document Structure

In presenting the highlights, the structure of the document aligns with the four innovation priorities from the Department for Public Expenditure and Reform (DPER) as set out in their [Making Innovation Real Strategy](#), a framework to foster and sustain innovation across the Public Service.

The four priorities are:

1. **Citizen Centric Innovation** - *putting citizens and users at the centre of innovation to enhance their experience of public services.*
2. **Culture of Innovation** - *creating a culture where all staff are inspired, empowered and enabled to innovate.*
3. **Scale up Innovation** - *working across sectors and organisations to optimise efficiency by scaling innovations across the Public Service.*
4. **Transformative Innovation** - *driving innovation across the Public Service by pioneering change and long-term transformation.*

For each of the highlights, a theme is then identified, which is one of:

- **Mobility** - *how can we use technology to help manage pedestrian, cycle and vehicle flows and reduce congestion?*
- **People** - *how can local government use technology to better engage with Dubliners?*
- **Government** - *how can we use technology and data to make better decisions and deliver better services?*
- **Living** - *how can we use technology to bring communities together and improve citizen wellbeing?*
- **Environment** - *how can technology help build a greener, more sustainable Dublin?*
- **Economy** - *how can we use technology to improve liveability and competitiveness?*

Finally, for each of the highlights, the DLA and Smart District (where relevant) is recognised.

The following legend summarises the icons used throughout the document.

| THEME | DUBLIN LOCAL AUTHORITY | SMART DISTRICT/ PROGRAMME |
|---|---|--|
|  ECONOMY |  DUBLIN CITY COUNCIL |  SMART BALBRIGGAN |
|  ENVIRONMENT |  DUN LAOGHAIRE RATHDOWN COUNTY COUNCIL |  SMART DCU |
|  GOVERNMENT |  FINGAL COUNTY COUNCIL |  SMART DOCKLANDS |
|  LIVING |  SOUTH DUBLIN COUNTY COUNCIL |  SMART DB |
|  MOBILITY | |  SMART SANDYMOUNT |
|  PEOPLE | |  SMART TOURISM |

1. Citizen Centric Innovation

Putting citizens and users at the centre of innovation to enhance their experience of public services.

Smart D8 – Launch of Pilot Projects



The Smart D8 district has a focus on the theme of health and wellbeing. A community survey was conducted to capture the needs and priorities of the local community. In response to this survey, the first call for pilots was launched in March 2021. The following four pilot projects, [Heart of our City](#), [Civic Dollars](#), [Solus VR](#) and [Ways to Wellbeing](#) were initiated.

Resources: See [here](#) for more information.

Academy of the Near Future



ACADEMY OF THE NEAR FUTURE

A smart city tech programme for upskillers and students



NearFuture.ie

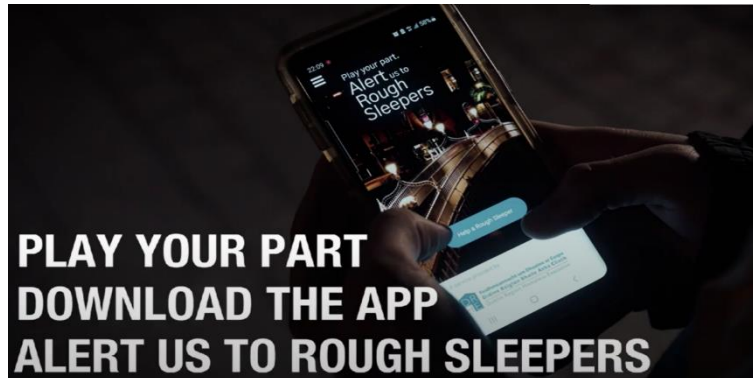
The [Academy of the Near Future \(ANF\)](#) is a smart cities education programme developed by Smart Docklands, Dublin City Council (DCC) and CONNECT. The programme is currently aimed at Transition Year students, with a target to reach 1,000 students by 2022. In particular, the programme aims to reach groups underrepresented in

STEM, including girls and students in DEIS schools. Using interactive workshops, the programme gives participants an introduction into smart city concepts, communication technologies and discusses ethical considerations.

Key metrics: In 2021, a total of 25 workshops were delivered, reaching 435 Transition Year students.

Resources: See [here](#) for more information.

Rough Sleeper Alert App



This app enables members of the public to alert the Outreach Team (Dublin Simon Community) as to the location of anyone sleeping rough. The trial period for Dublin Rough Sleeper Alert App was completed in 2021. Based on the trial success, the DRHE and the contracted outreach team have continued with the App on an ongoing basis. Watch out for communications in 2022 to encourage the public to use the app.

Key metrics: A total of 832 app downloads and 680 alerts submitted by the public to date.

Resource: Download Dublin’s Rough Sleeper Alert app [here](#).

Smart Balbriggan Community Webinar



Smart Balbriggan aims to ensure that the town benefits from ‘smart’ and ‘digital’ initiatives with three strategic priorities: community building, job creation & economic growth, and improved services & public realm. This Community Webinar provided an overview of the programme work to date and introduced the new Smart

Balbriggan Programme Framework. The webinar led to increased citizen participation in the [WeCount](#) project. 36 sensors were installed in homes and businesses in the town centre and busy thoroughfares. The demand led to the Smart District Steering group looking at the potential of developing citizen science projects for 2022. The WeCount project is now complete, but Smart Balbriggan are now looking to partner with researchers to deliver further citizen science projects that are impactful for the community.

Key metrics: A total of 173 webinar registrations.

Resources: See [here](#) for the Community webinar video and [here](#) for the Smart Balbriggan Programme Framework Trello Board.

Smart Balbriggan Community Hackathon and Transition Year Challenge



In October, Smart Balbriggan held a hybrid Hackathon event which looked at problem solving local challenges in the community. The winners were "Think Tank" which aimed to create a Think Tank to build civic pride, including a community podcast, town hall workshops and reporting improvements back into the Council. Smart Balbriggan and Our Balbriggan teams will now look at the potential to develop the Think Tank proposal and implement the suggestions made by the winning team.

Also in October, Smart Balbriggan ran a Transition Year Challenge in secondary schools in Balbriggan. In one week, a series of workshops were delivered to 97 Transition Year students in collaboration with The Academy of the near Future and What the Hack. Participants were mentored to create innovative solutions to answer the question: "How can we build a stronger, cohesive and more vibrant community?" Through workshops, the students learned about how new technology and innovation can improve their community, and developed their own creative ideas to tackle local issues. Finally the students 'pitched' their ideas to a panel of judges with a prize for the best concept.

Open Data



Smart Dublin manages the Dublin region open data repository and coordinates an open data working group with Open Data Liaison Officers from each of the DLAs. Over the year, the team worked to identify, publish and update datasets, focusing on the Transport and Environment service areas. July saw the transposition of the Open Data Directive into Irish law. A staff webinar on the implications for Local Authority staff was held, speakers included Chief Executive of Fingal County Council (FCC). AnnMarie Farrelly, DPER’s Open Data Unit lead Rhoda Kerins and Met Eireann’s Evelyn Cusack. DPER have reached out to Chief Executives of all local authorities and public sector bodies to inform them of the implications of the Directive. This DLA executive sponsorship will greatly assist the open data agenda in 2022.

Key Metrics:

- As of end 2021, there are 324 datasets available on the repository and have seen a YoY increase in use and engagement with the site.
- The Open Data Directive Webinar had 195 registrations.

Resources: See [here](#) for more information.

Active Travel Open Data Challenge



In March 2021, the Dublin Region Open Data Active Travel Challenge was launched. The Challenge saw 12 participating teams develop projects which use open data to encourage and support active travel. From

interactive maps, to active travel route planners, to tools which promote citizen participation in planning for active travel environments, the projects were many and varied. In first place was “My 15 Minute City ([Where is the craic?](#))”: an interactive map which encourages people to explore their neighbourhoods by highlighting things to see or do within a 5, 10 or 15 minute walk or cycle from wherever they drop a pin. In second place, [Active Travel to School](#): Locating Investment for Impact. These maps highlight which neighbourhoods have a low % of people walking and cycling to school and where the nearest schools are. The idea is for city planners and others to use this analysis to plan where interventions such as a gate into an estate or a pedestrian crossing could have most impact in terms of opening up the school run to active travel. [Dublin Bike Parking](#) came third. This application allows users to find their nearest bike stand or parking spot- through the Challenge they expanded the number of stands in the application and added bike-share so users can also find their nearest Moby, Bleeper or DublinBikes. For 2022, an open data challenge on Climate Action will be initiated.

Key Metric: The Active Travel Showcase had 327 registered attendees.

Resources: See here for the summary document [Dublin Region Open Data Active Travel Challenge](#)

E-cargo Bike Scheme @ DLR



Dun Laoghaire-Rathdown (DLR), Smart Sandyford, Enable Research Centre and Bleeper partnered together to give local businesses an opportunity to trial e-cargo bikes. The project aims to show businesses the operational benefits of using an alternative form of mobility when making deliveries.

Key metrics: A total of 51 companies have now signed up with DLR. In addition, DCC and FCC have initiated their own e-cargo bike schemes.

Resources: See [here](#) for more information.

Kerbside Mgt. Innovation



Smart Dublin collaborated with National College of Art & Design (NCAD) students to research one of the most important topics for sustainable logistics; Kerbside Management. The students gathered information through street observation, stakeouts and interviews to understand local challenges around the kerbside. A number of innovative solutions were presented to DCC staff during a webinar in December 2021. Follow up sessions are ongoing with the DCC reps to explore the feasibility of implementing the proposed solutions. In addition, DCC have issued a Prior Information Notice (PIN) to help DCC and Smart Dublin understand the market better in terms of kerbside mapping and management. See separate Senator project in this document.

Key Metrics: The NCAD webinar had 57 registrations.

Resources: See [here](#) for the DCC PIN.

Dublin Cycling Buddy App



[Dublin Cycling Buddy](#) is a new cycling community app developed to help DCC use crowdsourced data to identify cycling routes in the city for development. Based on 'ride data' and comments logged by users, data is used to help identify route improvements across the city, as well as continually improve the algorithm's ability to suggest safer and quieter cycling routes for cyclists.

Key Metrics: As of December 2021, there was 5,412 app downloads and 86,000km of cycle routes logged.

Resources: Download the Dublin Cycle Buddy app [here](#).

Hale and Hearty



Hale&Hearty



Hale and Hearty is an EU funded project that is improving access to health and wellbeing information. The project is providing a comprehensive Health and Wellbeing Knowledge Base, which can be used for analysis, insights and action. This has involved the harmonisation and linking of data from many sources including Local Authorities, the Central Statistics Office and Healthcare providers.

Key Metrics: There are a total of 558 datasets on Hale & Hearty; 125 are from data.smartdublin.ie. The majority of the balance from the Central Statistics Office (CSO).

Resources: The Hale and Hearty Knowledge Base is available on the National Open Data Portal [here](#).

Balbriggan 3D model



Smart Balbriggan, thanks to funding from DEPR's Public Sector Innovation Fund, have commissioned a 3D model to enhance community engagement, enabling the people and businesses of Balbriggan to view the future transformation of their town. An interactive web viewer has been created for the public to view and immerse themselves in Balbriggan's reimagined spaces. This 3D environment showcases the potential of the Our Balbriggan 2019 – 2025 Town Rejuvenation plan. The model has also been designed to be open-source, and will be published via the Fingal Open Data portal for anyone to download and use.

Resources: See [here](#) for more information.

WiFi4EU



WiFi4EU is an EU funded initiative promoting free access to Wi-Fi connectivity for citizens in public spaces. The high-quality WiFi network gives people access to free outdoor WiFi, a major asset to visitors, businesses and residents.

Key Metrics:

- FCC installed 47 Wi-Fi access points in 18 different locations in Fingal.
- DCC installed 145 access points in 33 different locations in the city.

Resources:

- **For FCC:** See [here](#) for more information and [here](#) for the Wi-Fi roadmap.
- **For DCC:** See [here](#) for more information.

Smart Thermostats



Approx. 1,500 fully funded Climote thermostats were installed to date in DLR (1,200 units approx.) and DCC (342 units) as part of ongoing improvements in energy efficiency in social housing. The smart thermostat allows tenants to control their heating through an App or through text messaging.

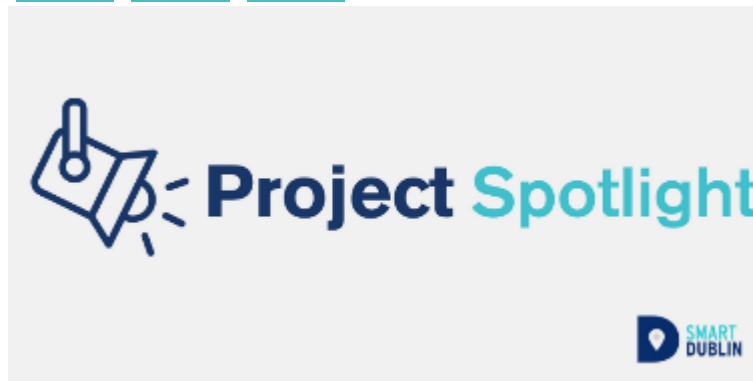
Resource: See [here](#) for more information.

2. Culture of Innovation

Creating a culture where all staff are inspired, empowered and enabled to innovate.

During 2021, many Local Authority staff events were held covering diverse topics. This section includes an overview of those events.

Project Spotlight Sessions



Launched in 2021, the Smart Dublin Project Spotlight sessions are a series of online knowledge sharing sessions to raise awareness and share lessons learned on specific projects. Many of the topics covered in the project spotlight sessions are captured in this highlights document. Initially these sessions were intended for DLA staff, however due to strong interest from outside the DLAs, invitations to the sessions was extended to all Local Authority Innovation Officers, Broadband Officers and the All-Ireland Smart Cities Forum. A new schedule of project spotlights will be delivered in 2022.

Key Metric: A total of 29 sessions were delivered in 2021.

Physical to Virtual: How '3D' is transforming the work of Local Authorities



In April, Smart Dublin held a staff webinar showcasing how 3D models are transforming how local authorities design, develop and engage. From planning to architecture, community engagement to building management, the session demonstrated the wide range of emerging and innovative use-cases. Presentations included:

- **Consultations during Covid:** How SDCC's Virtual Consultation Room allowed citizens to engage with the County Development Plan throughout the Covid-19 crisis.
- **Digital Twins for Community Climate Resilience:** How DLR, through EU projects SCORE and PRECINCT, will use digital twins to build climate resilient communities.
- **Bringing Plans to Life:** How Fingal's 3D model is bringing the Balbriggan Rejuvenation Plan to life for local citizens.
- **Looking to the future:** How DCC are trialling, testing multiple emerging technologies and platforms and what they have learned to date.

Key metric: A total of 279 webinar registrations.

Digital Strategy Launch @ DLR



This internal staff webinar introduced the DLR Digital Strategy, launched the DLR Beta Projects initiative and showcased a number of DLR 'smart' and innovation projects including; open data, Smart Sandyford and the DLR digital poverty working group.

Key metric: A total of 120 webinar registrations.

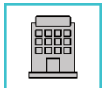
Digital Strategy @ FCC



This internal staff webinar provided an overview and update on Fingal’s Digital Strategy achievements over the past year, showcasing innovation projects across the Council as well as highlighting a number of Smart Dublin projects active across the wider region.

Key Metric: Approx. 80 webinar registrations.

Innovation Series @ DCC



As part of the ongoing DCC Staff Innovation skill series, DCC hosted Dr. David Ricketts (Harvard University) and Kip Harkness (Deputy City Manager of San Jose). During their time in Dublin, they ran multiple sessions for DCC staff and senior management. Both speakers gave a great insight as to innovation from an Academic and Practitioner perspective.

Key metric: A total of 340 DCC staff registered for the series.

European Capital of Innovation Award



The European Capital of Innovation (iCapital) awards is an annual recognition prize awarded to the European cities that best promote innovation in their communities. Dublin was awarded joint second place with Malaga (Spain) in 2021.

Resource: Read more [here](#).

3. Scale up Innovation

Working across sectors and organisations to optimise efficiency by scaling innovations across the Public Service.

Smart Control of the Climate Resilience in European Coastal Cities (SCORE)



Dublin has been chosen as a 'Coastal City Living Lab' for the 'Smart Control of the Climate Resilience in European Coastal Cities' (SCORE). The EU funded project aims to address the major challenges faced by extreme weather events, coastal erosion and rising sea levels in European Coastal Cities.

Resources: See [here](#) for more information.

Critical Infrastructure Protection (PRECINCT)



Smart Sandyford along with six other locations have been chosen by the EU as a testbed for the upcoming PRECINCT Project. This project, which is a part of the European Programme for Critical Infrastructure Protection, aims to improve the prevention, detection, response and mitigation of cyber-physical attacks

(malware and terrorist driven exploits, etc.) and natural hazards (extreme weather, earthquakes, etc.) for critical infrastructures in Europe.

Resources: See [here](#) for more information.

Smart Mobility Hub - Phase 2 Launch

The graphic features a blue background with the text 'SMART MOBILITY HUB WEBINAR' in large white letters. Below this, it says 'SEPTEMBER 16TH 12:00PM - 1:00PM #DCAW21'. To the right, it mentions 'DUBLIN CLIMATE ACTION WEEK 15 - 19 September 2021'. The graphic includes images of a smartphone displaying the Smart Mobility Hub app, a white car with a Smart Dublin logo, and several bicycles parked in a rack. At the bottom, there are logos for Comhairle Cathrach Bhaile Átha Cliath (Dublin City Council), ENTERPRISE IRELAND, GTS Software in Motion, and SMART DUBLIN.

Smart Dublin launched the second phase of the Smart Mobility Hub (SMH) during Climate Action Week in November. The event had a variety of different speakers from multiple project partners as well as a speech from The Lord Mayor of Dublin, Alison Gilliland. Phase 2 of the SMH aims to deliver two key objectives. Firstly, the project team will catalogue the technological and service specifications required to deliver a shared staff mobility scheme. Secondly, the team will develop an understanding of patterns of behaviour (and behaviour change) by users of the scheme. At the end of the pilot, both objectives will inform how councils can successfully procure and implement SMHs in the future. Overall, the benefits of SMHs include reduced reliance on private cars for business purposes, increased active travel, greater flexibility for staff, and reduced carbon emissions.

Key Metrics: 171 webinar registrations.

Resources: You can watch the Phase Two launch event [here](#).

E-Scooters pilot @ DCU



Dublin has launched the world’s first E-Scooter Computer Vision Research Pilot. A new AI-powered e-scooter research pilot project has launched in Dublin City University (DCU). As part of the Smart DCU initiative, it is the world's first research project focused on computer vision in e-scooters and the pilot will be Ireland's first major e-scooter trial. The purpose of the research is to improve e-scooter safety and to contribute to e-scooter safety standards in Ireland. The findings for this project are due Q2 2022.

Resources: See [here](#) for more information.

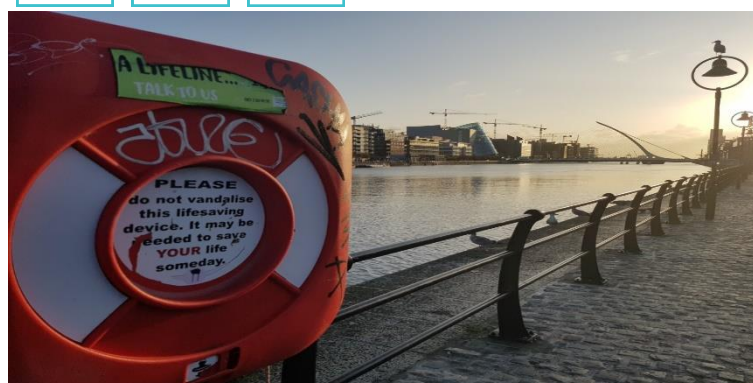
Sports Pavilions Booking System



SDCC’s Pavilion programme has provided new changing rooms, referee rooms and storage facilities in various parks across the county. SDCC identified the opportunity to digitise what was traditionally a manual locking process in parks. The new online booking system has improved both the customer experience and efficiencies in how this service is delivered. The new system will also reduce the amount of administration work, as applications and payments will be processed online.

Resources: You can access the booking system [here](#).

Smart Ring Buoys



In a bid to find smarter solutions to address the challenge of ‘missing’ ring buoys, four smart ring buoy solutions were trialled for a nine month period across the DLAs. The solutions aim to monitor, in real-time, when life buoys are tampered with or taken. The trial ended in August 2021. Phase Two of the project will see the most successful solutions being expanded to 10 local authorities across Ireland. The project has helped the DLAs to find a better way of tracking and monitoring of the ring buoys in real-time, saving time and effort to replace a missing ring buoy.

Resources:

- See [here](#) for more information
- See here for the [Water Safety Ireland - National Awards Ceremony](#)

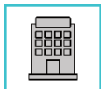
Google Airview



“Air View Dublin” saw Google’s first ever EV Street View car take to the streets of Dublin to measure air quality across the city. This is the first project in Ireland to measure street-level air quality. The next steps for project include making the data available to [Google’s Environmental Insights Explorer](#) where users can explore the data to derive additional insights.

Resources: See [here](#) for more information.

Manhole Sensors



DLR owns and manages an extensive duct network which is used for traffic management and the connectivity of various depots and buildings. DLR would like to avoid 'road openings' as much as possible, hence duct infrastructure is included in the design of road upgrades and new builds. In order to maintain a better record of access to this duct and chamber infrastructure, DLR have recently piloted the deployment of a small number of 'manhole sensors' which notify the Council when manholes are accessed. The objective of this pilot is to maximise the potential of this infrastructure, by achieving a greater understanding of how technology and the built environment can interact to minimise disruption for the public.

Digital Twin @ DCU



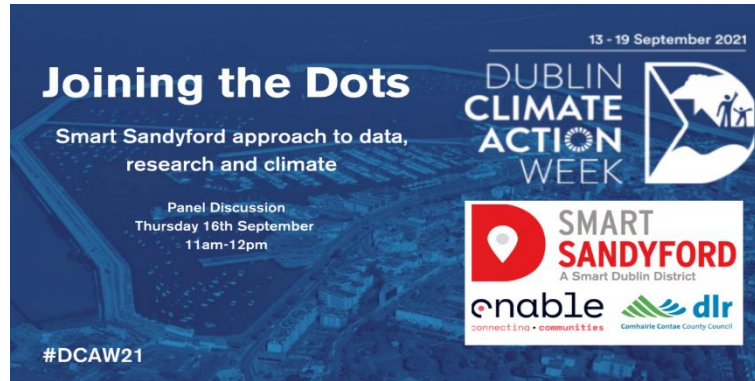
DCU aims to be Ireland's first higher education digital campus. DCU and the Insight SFI Research Centre for Data Analytics at DCU have announced a new research partnership with Bentley Systems. The project will involve the creation of a "digital twin" which will be a complete 3D version of DCU's campuses. It will incorporate real-time data, gathered from IoT (Internet of Things) sensors on footfall, congestion points, energy and water usage, etc. to inform planning and infrastructural development. Preliminary findings will be shared in Q3 2022.

Resources: See [here](#) for more information.

Public Webinars

During 2021, many public facing events were held covering diverse topics. These events are outlined in this section.

Smart Sandyford - Joining the Dots



As part of Climate Action Week in September, Smart Sandyford hosted a webinar highlighting the collaboration between local authorities, academics and industry to explore data, research and climate. Smart Sandyford are continuing to work on sustainable travel research including interviews and papers with key stakeholders.

Key Metric: A total of 80 webinar registrations.

Resources: You can watch the webinar event [here](#).

Smart Logistics

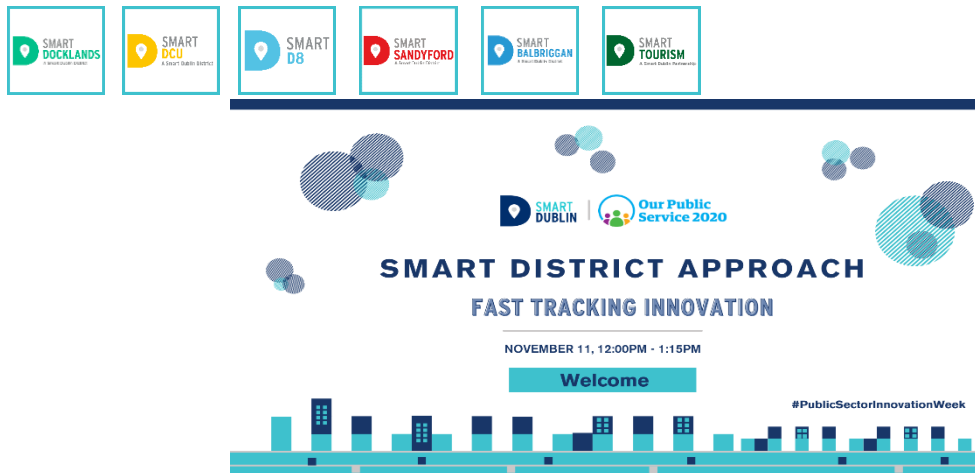


We hosted a Smart Logistics webinar as part of Climate Action Week in September with presentations and discussion from An Post, DPD, Smart Dublin and DLR. The webinar highlighted the latest innovations in logistics and last mile delivery which can contribute to a more sustainable Dublin.

Key metrics: Approx. 90 webinar registrations.

Resources: You can watch the webinar event [here](#).

Smart District Approach



As part of Public Sector Innovation Week in November, Smart Dublin held a public webinar ‘Smart Dublin’s District Approach: Fast tracking Innovation’. The webinar outlined how technology and innovation projects are helping to solve local challenges in designated districts across Dublin.

Key Metric: A total of 193 webinar registrations.

Resources: You can watch the webinar event [here](#).

Scaling Innovation



“Scaling Innovation: Examples from Smart Dublin” was a public webinar as part of Public Sector Innovation Week 2021. Discussion was on projects currently being scaled across the Dublin region which are being driven by public sector bodies working together. From new digital trails, to MaaS, to ring buoys, the webinar showcased a range of initiatives that are transforming public services through innovation and collaboration.

Key Metric: A total of 149 webinar registrations.

Resource: You can watch the webinar event [here](#).

4. Transformative Innovation

Driving innovation across the Public Service by pioneering change and long-term transformation.

New Telecoms Unit @ DCC



A new DCC Telecoms Unit was established in 2021 to support and facilitate the sustainable development of high-quality digital connectivity infrastructure. The Telecoms Unit will collaborate with Industry in an open and proactive way. It is intended to be a "one-stop-shop" for all telecoms-related requests within the council. The main deliverables of the project include a dedicated website, a centralised data catalogue for telecoms city assets (ducting, buildings, street furniture and poles) accessible through an interactive web portal and the creation of a rate card (that sets out fair, standardised prices for access to council-owned assets for the purpose of deploying telecoms equipment)

Resources: You can access the new DCC Telecoms service [here](#).

Mobility-as-a-Service (MaaS) for Ireland



Smart Dublin finalised a MaaS for Ireland report in 2021. MaaS provides for the digital integration of various forms of public and private transport services, including buses, trams, rail, car-clubs, bike-sharing, taxis, etc. into a user facing service. The objective is to provide reliable shared mobility alternatives to the private car. Multiple stakeholders including the NTA, public transport operators, micro mobility operators, and Councils were engaged during the report formation. The report calls for the establishment of a public authority led marketplace which pools relevant data and interoperable services from mobility providers into a shared national network. Smart Dublin plans to launch its MaaS report to coincide with the Department of Transport’s Sustainable Mobility policy launch (circa Q1 2022).

Resources: See [here](#) for more information.

Smart D8 District Launch

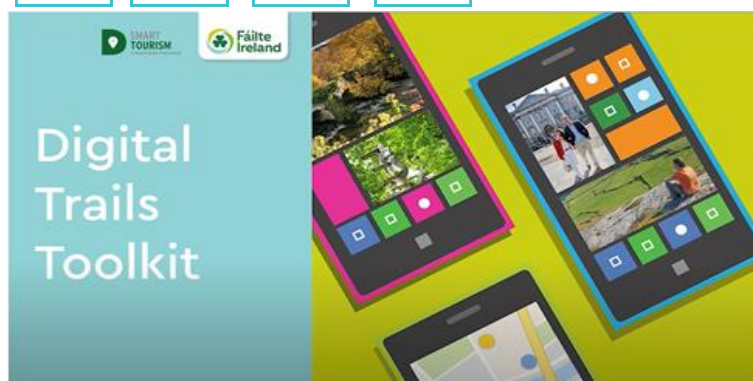


DCC’s latest Smart District ‘Smart D8’ was launched by Minister Simon Harris. Smart D8 is a new district which will focus on the delivery of health and innovation projects.

Key metrics: A total of 364 webinar registrations.

Resources: You can watch the webinar event [here](#).

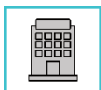
Smart Tourism Digital Trails Toolkit



The Smart Tourism Programme, supported by DCC and Failte Ireland have developed a [Digital Trail Toolkit](#) to help identify best practice for destinations and businesses who wish to develop digital trails. It acknowledges various technologies including bespoke app development, platform based development and immersive technology. Following the launch, it has since been used and adopted by local authorities and tourism practitioners both in the Dublin region and throughout Ireland. The toolkit has also received interest and adoption from private sector software developers who are interested in best practice principals in this area. The next steps for the Digital Trail toolkit will involve a review of the Toolkit in 2022 in order to reflect industry feedback and adopt any technical advancements in digital trail development. A webinar will be hosted in Q2 2022 in order to facilitate Local Authority feedback and any further questions.

Resource: View the Digital Trail Toolkit and Tutorial [here](#).

Drones for Local Authorities



DCC



'[Accelerating the Potential of Drones](#)' is a DCC project funded by DEPR's Public Sector Innovation Fund. The project brings together key stakeholders across multiple sectors to unlock the potential of drones for Local Authorities. Project activities to date include; an online national survey to gauge public sentiment towards drones and emerging technologies, and the publication of two handbook resources for Local Authority drone users focused on data protection and drone regulations. Next steps include publishing the results of our Survey on Drones and Emerging Technology and publication of a report on Drones International Best Practices with a corresponding a webinar to cover the findings of this report.

Key Metrics:

- Webinar - Drone Operations and Regulations: 206 registrations.
- Webinar - Drone Data Protection: 189 registrations.
- Webinar - Accelerating the Potential of Drones launch: 421 registrations.

Resources:

- [Data Protection: Drone User Handbook](#)
- [Regulations: Drone User Handbook](#)

DLA Electric Vehicle Charging Infrastructure Strategy



The DLA strategy outlines the volumes of charging infrastructure (supply) required to meet expected EV uptake (demand) in the Dublin region, optimal locations for deployment, and types of deployment options (e.g. rapid hub, on-street charge points, etc.). The strategy is still under review internally and mindful that the private sector is moving fast in this area, hence the specific role of Councils needs careful consideration. Next steps include funding discussions with the Department of Transport and the establishment of internal Council processes to enable procurement and deployment of relevant EV Charging infrastructure.

Resource: [DLA EV Charging Infrastructure Strategy](#)

Senator



Dublin was chosen as one of the two pilot sites for the EU SENATOR Project, which looks at enabling shared, integrated and more sustainable urban freight logistics. Senators' target is to integrate input from local authorities, the general public, transport operators and shippers into one platform. This initiative aims to create less congested streets and better air quality in the city. The next steps for the project involves digitally mapping and management of kerbside (for which DCC have issued a Prior Information Notice (PIN)) plus trials to provide information on occupancy of loading bays using sensors and Bluetooth devices.

Resource:

- See [here](#) for more information.
- See [here](#) for the DCC PIN.

Smart Dublin Governance Structure

The Smart Dublin Steering Committee, comprises representatives from across the four Dublin Local Authorities. The Steering Committee is chaired by John Quinlivan, Director of Corporate Affairs & Governance at FCC.

Key Contacts

For more information about the Smart Dublin initiative, please contact your local Smart Dublin Coordinator or the Smart Dublin Regional team; contact details are provided here:

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