**Updates from Trevor Clowry (Crumlin Clean-Up Campaign), the Climate Action, Environment & Energy SPC PPN Representative**

**Dublin City Council Climate Resilient Housing Report  Launch**

Trevor Clowry, the Climate Action, Environment & Energy SPC PPN community representative, attended the launch of the results of an  innovative "digital twin" project in the Dominic Street flats on 7th February. A "digital twin" is a method of digitally creating a representation  of a building which also uses different calculations and modelling to show how the building will perform based on different interventions. In the case of Dominic Street, retrofitting options were modelled to see which was the optimal retrofitting strategy to take over the lifetime of the building.

Integrated Environmental Solutions Ltd. were engaged to develop the digital twin and assess the full carbon impact of four retrofit strategies over three time periods aligned with the national targets for 2030, 2050 and beyond. This has the potential to be scaled city-wide across the city and provide valuable insights into how the city can reduce carbon emissions.
Launching the project was Lord Mayor of Dublin, Caroline Conroy, the Minister of State with responsibility for Public Procurement, eGovernment and Circular Economy, Ossian Smyth and DCC Climate Officer Sabrina Dekker.

The Dublin City Council Climate Resilient Housing Report can be viewed here: <https://bit.ly/DCCClimateResilientHousingReport>

**Air View Project**

Trevor Clowry, the Climate Action, Environment & Energy SPC PPN community representative, who is a member of the Air Quality Subcommittee attended the launch of the results of Google Air View results on 14th February in the Mansion House.  For the last 16 months Google cars equipped with air quality monitoring software have been collecting air quality samples across the city. Working with Smart Dublin and DCC, the air quality data can be viewed on an interactive map online and shows the different levels of pollutants on a street level throughout the DCC area..
The data will also be used by DCC to help inform current and future environmental and climate policies, and planning efforts.

The project is a first for an Irish city, and provides unique insights that will enable the council, businesses and citizens to work collaboratively to improve air quality for Dublin.

All data is now available to view on Google's Environmental Insights Explorer and on Smart Dublin's open data platform
<https://insights.sustainability.google/>