

# EXTERNAL FUNDING

Summary of Current and Proposed Projects  
receiving funding from external sources.

# Currently Funded Projects - Codema:

- EU H2020 'Tomorrow' Project - creating a low-carbon transition roadmap for Dublin with citizens at the centre
- EU H2020 'Decarb City Pipes' Project - creating a roadmap to decarbonise the heating sector in Dublin with local working group (incl. DCCAE)
- SEAI RD&D 'Dublin Region Energy Masterplan' project - creating a scientific evidence-base for Dublin to identify possible zero-carbon pathways
- EU Era-Net 'REDAP' Project - creating an online 'digital twin' of the Dublin energy demand
- Climate Action Funding secure for DCC District Heating project

# Funding Applications:

- Application to H2020 call LC-SC3-B4E-13-2020 for Aggregation - Project Development Assistance (Lead applicant, submitted)
- Application to H2020 call LC-SC3-B4E-14-2020 for Enabling next-generation of smart energy services valorising energy efficiency and flexibility at demand-side (project partner, submitted)
- Application to EU City Facility for project development funding for building energy audits (in preparation, deadline October)
- Climate Action Fund application for energy efficiency, green roofs and PV on DCC buildings - with CARO (in preparation, call not yet open)
- EU Elena Project Development funding for DCC District Heating project development (in preparation)
- EU Green Deal Call - Citizen Engagement for the Dublin Low-Carbon Transition (in preparation, call not yet open)

# Currently Funded Projects – Smart City

- **Smarter Logistics – ‘Senator’ EU H2020** – 4 Year project in partnership with An Post, UCD and DCC Traffic focusing on smart logistics / last mile delivery innovation - Overall project €4,000,000 and **€239,000** funding for DCC (Starting September 2020)
- **Operandum EU H2020 - Flood Mitigation and Nature Based Solutions** (overall project €14,000,000, 26 partners, including University College Dublin) (**€123k for DCC**) Partnership with University College Dublin (Ongoing – 2 years left) OPERANDUM will deliver tools and methods for the demonstration and market uptake of Nature-Based Solutions to reduce hydro-meteorological risks. <https://www.operandum-project.eu/>

- **Climote** – Smarter heating controls pilot. Funding indirectly provided by Electric Ireland. Trial 100 units (€39.9k) Further 1,000 units if trial successful (€399k)
- **Smart Workplace Mobility Hub - Small business innovation challenge (SBIR)** - E-cars, e-bikes, app and booking system for workplaces –multiple pilot projects, phase 2 includes scale up project with Sixt, Nissan, UCD, GTS & Bleeperbike. **€200k** (Co-funded with EI)
- **Last Mile Delivery - Small business innovation challenge (SBIR)**– piloting multiple projects on digital kerbside, sustainable last mile deliveries. Phase 2 underway. **€220k** (co funded with EI)
- **Gully Monitoring - Small Business Innovation Challenge (SBIR)** – piloting delivery of low cost gully monitoring sensors to help mitigate flood risk. Phase 2b deployment underway. **€260k** (co funded through EI)

- **Mobility as a service (MaaS)** - work programme in partnership with the NTA – **€50k** funding from DEPR through Smart Dublin
- **Smart Docklands Innovation District** – Deployment of multiple smart city projects and demonstrators (flooding, environment, energy and connectivity) across docklands working across industry, academia and engaging local residents/communities. Partnership with Science Foundation Ireland (SFI), Enable and CONNECT research centres based in TCD (**€500,000 over 2 years with co-funding from SFI**)