

Annual Report 2025



Table of contents

02 • CEO foreword

04	About Codema	
	Purpose, vision, mission and values	05
	Our year in numbers	07
	Focus areas	08
	The Codema Board of Directors	10
	The Codema team	11
	Our expertise	14

16 • Work programme 2025

Public sector obligations	16
Energy planning, policy and research	22
Large-scale project roll-out	34
Best-practice engagement and dissemination	47
Project management and development	60

70	Financial report	
	Income and expenditure account 2025	70
	Balance sheet 2025	71

72 • Appendix

Abbreviations	72
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CEO foreword

With Moneypoint completely ceasing all coal-fired generation and the Greenlink Interconnector in full operation, Ireland's power system had a record drop in emissions of 8.9% in 2025. But the system's vulnerability to extreme weather events and rising demand from data centres is still causing significant challenges to the resilience of our grid. Storm Éowyn at the beginning of 2025 knocked out nearly one third of all connected customers to the distribution network, 768,000 homes and businesses, who were left without power for up to 19 days. The heat and transport sectors are still struggling to achieve decarbonisation targets, with both officially exceeding their first five-year carbon budget (2021–2025). While the electricity sector is often the focus, these two sectors make up 78% of Ireland's total energy requirement.

Current decarbonisation policy and incentives in the transport and buildings sectors are heavily-reliant on individual decisions being made by homeowners and commuters, rather than system-level changes, like those that have driven the decarbonisation of the electricity sector. At Codema, we are trying to help those individuals make investment decisions and behaviour changes to reduce reliance on fossil fuels, while also lobbying for more system-level incentives and policy to take the pressure off individual action.



Donna Gartland
CEO, Codema

One action we took in 2025 was to connect with the public through our Your Voice, Dublin's Energy Future survey, with almost 700 responses. Almost half (44%) of those surveyed ranked cost concerns as the top driver of energy choices, outranking climate and comfort, which came out on top in our previous 2021 survey, marking a shift in priorities for Dubliners due to the cost-of-living crises. Furthermore, our survey results highlighted the stark reality of current energy costs, with 81% of respondents reporting that they have actively avoided using heating or household appliances in an effort to manage their energy bills.

Codema is taking practical steps to help the public reduce their energy bills, such as opening Dublin's first energy advice clinic - the Raytown Energy Dock in the Ringsend and Poolbeg Decarbonising Zone - and keeping our Think Energy online hub updated with practical information on saving energy at home. We also kicked off a citizen-led renovation project, funded by the EU Commission, where we will be directly assisting Sustainable Energy Communities in Ireland with technical and project management assistance to get past the 'plan' stage to real action on the ground with signed contracts. We also kicked off six other EU projects in 2025, focusing on action in decarbonising zones across Dublin, better uses for the city's rooftops spaces, and heating and cooling plans.

Our 2025 Decarbonising Dublin Summit took place in the bigger location of the Aviva Stadium, reflecting the popularity of the inaugural event in 2024, with over 180 registered participants. It was a great success and included additional inclusivity and accessibility considerations to open the event to a wider audience.

Our district heating work expanded and we have been working on comprehensive feasibility studies for towns across Kildare, Louth, Meath and Wicklow. In 2025, we also continued work on planning the expansion of the Tallaght District Heating Scheme and the business case for the Blanchardstown scheme. All district heating projects across Ireland are facing delays as they are reliant on the availability of grant funding from the Department of Climate, Energy and the Environment and the longer this takes, the more opportunities will be lost as building owners will have no choice but to install other heating systems in the interim.

Our DeliverEE project, which has created an innovative project delivery structure for energy efficiency and low-carbon projects in the Dublin region using performance-based contracts, made considerable progress in 2025, with over €21 million worth of contracts awarded across five local authorities, reducing emissions by 2797 tCO₂/year. Through DeliverEE, Codema now has an experienced Project Implementation Unit in place and a proven model that we can now roll out across the wider public and private sectors.

Codema had a very proud year in 2025, winning three national awards, including being named Best Place to Work at the Workplace Excellence Awards. This achievement serves as a powerful validation of the wellbeing programmes and inclusive strategies we have implemented. These efforts are designed to support our employees in finding a genuine balance between their professional and personal lives, fostering an environment where they feel truly motivated to contribute.

I would like to take this opportunity to thank all of our clients, stakeholders, project partners and especially our Board for their continued collaboration and support during 2025, none of this would be possible without you.





About Codema

Codema is Dublin's Energy Agency and is committed to leading Dublin's low-carbon transition to 2030 and 2050.

We act as the energy agency to the four local authorities in Dublin - Dublin City Council (DCC), Dún Laoghaire-Rathdown County Council (DLRCC), Fingal County Council (FCC) and South Dublin County Council (SDCC) - and support each council in leading and influencing this low-carbon transition by improving their own energy efficiency, incorporating renewable energy technologies and reducing their greenhouse gas emissions, while also facilitating wider decarbonisation across the Dublin region.

We pride ourselves in being very successful in bringing innovative energy projects and methods to Ireland. For example, we are working with Dublin City Council, Fingal County Council and South Dublin County Council to develop Ireland's first large-scale district heating networks, which will supply homes, businesses and public sector buildings in the Dublin area with low-carbon, renewable heat. Through the EU DeliverEE project, we are working with eight local

authorities in the Dublin and Mid-East region to deliver over €20 million worth of contracts for energy upgrades to local authority buildings. Through our expertise in energy planning, we have developed the Dublin Region Energy Master Plan, which is the first of its kind in Ireland and provides spatially-led, evidenced-based solutions for reducing our capital's emissions towards 2030 and 2050.

We are also using innovative methods to improve energy and climate awareness among stakeholders and the wider public, such as organising the Decarbonising Dublin Summit to encourage wider collaboration and action in the Dublin region, establishing Dublin's first energy advice clinic - the Raytown Energy Dock - to provide the public with free, independent energy advice on everything from lowering energy bills to home energy upgrades and extensive local engagement programmes within decarbonising zones in Dublin.

Our purpose

We are driven by our vision to positively impact people's lives locally, while addressing the environmental damage caused by climate change at a global scale. We believe we can do this by improving the way we produce and use energy locally, while benefiting the people of Dublin.



Our vision

Codema's vision is for a better quality of life for all citizens through a fair and inclusive transition to a low-carbon society.



Our mission

Our mission is to accelerate Dublin's low-carbon transition through innovative and inclusive local-level energy and climate change research, planning, engagement and project delivery, in order to mitigate the effects of climate change and improve the lives of citizens.

Our values



At Codema, we're on a mission to improve the lives of people in Dublin by changing how we produce and use energy locally, for the better.



Our year in numbers

5

areas of expertise



Public sector obligations



Energy planning, policy and research



Large-scale project roll-out



Project management and development



Best-practice engagement and dissemination

3

projects approved for funding to support our work on thermal energy storage, heating and cooling plans and energy poverty



160+

attendees at the Decarbonising Dublin Summit



€7m

Detailed business case submitted for almost €7 million in funding for Destination EV charging points across Dublin



3

national awards won, including Best Place to Work



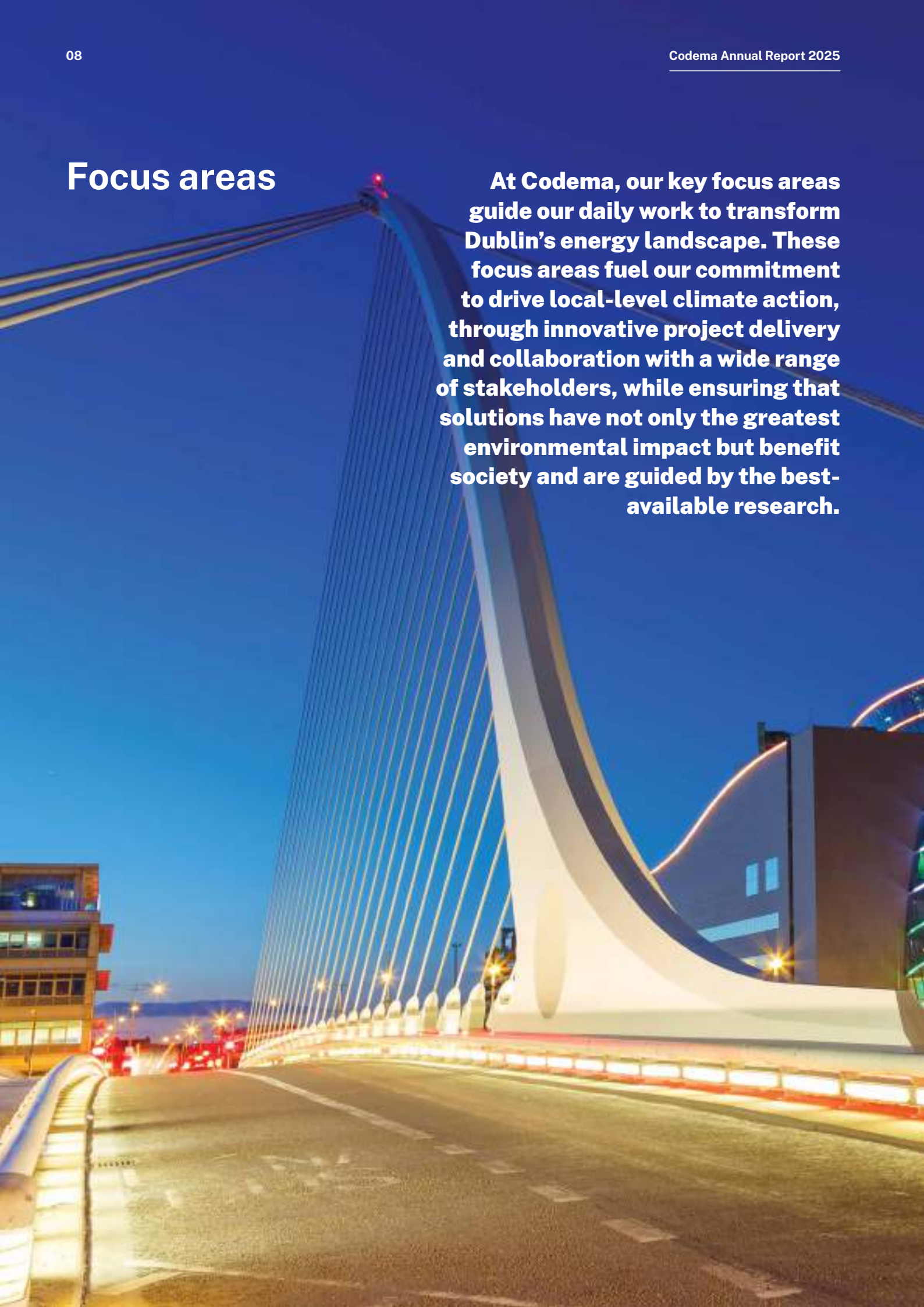
37

team members



Focus areas

At Codema, our key focus areas guide our daily work to transform Dublin's energy landscape. These focus areas fuel our commitment to drive local-level climate action, through innovative project delivery and collaboration with a wide range of stakeholders, while ensuring that solutions have not only the greatest environmental impact but benefit society and are guided by the best-available research.



**National and EU policy**

Our work is heavily influenced by national and European climate and energy targets. We help to deliver on national goals through local, on-the-ground implementation.

**Evidence base**

All of our work is guided by a scientific evidence base. Our expert team can identify the unique characteristics of the local energy landscape and identify the best solutions to match.

**Public and stakeholder engagement**

We recognise that we need to meaningfully engage with local stakeholders and the public through best-practice and innovative public engagement techniques to make energy solutions a reality.

**Practical implementation of new concepts**

We concentrate on delivering projects in the key areas identified by our research to decarbonise Dublin, targeting areas such as heating, transport, electricity, buildings and public engagement.

**Local-level action**

Our work is guided by the needs and aspirations of the local authorities and communities that we work with. We prioritise actions in the geographical boundaries of our local authority members.

**Social impact**

We are driven not only by a desire to reduce emissions and have a positive impact on the environment but also to improve the lives of people living locally.

**Low-carbon technologies and solutions**

We aim to close the gap in the uptake of low-carbon technologies and solutions, sharing our findings and lessons learned to promote wider use.

**Collaboration**

Key to our success is our unique relationship and partnership with local authorities who work with us, along with our network of key allies and peers across Ireland and Europe that we have built up over 28 years.

The Codema Board of Directors

Codema's Board of Directors oversees the governance of the company and helps ensure that Codema's vision and mission are achieved. The board members consist of senior representatives from the Dublin Local Authorities, along with representatives from the energy, legal and financial sectors.

The Codema board meets on a bi-monthly basis and consists of the following members:

Frank Curran (Chair)
Board Chairperson and Non-Executive Director, Dún Laoghaire-Rathdown County Council

Chief Executive, Dún Laoghaire-Rathdown County Council

Donna Gartland
Executive Director
Chief Executive Officer, Codema

David Storey
Non-Executive Director, Fingal County Council board nominee

Director of Services for Environment, Climate Action, Active Travel and Sport, Fingal County Council

Mark Varian
Non-Executive Director
Managing Director, ILOS Energy, Ireland

Aoife Black
Non-Executive Director
Independent Consultant
Programme Manager, Irish Red Cross

Derek Kelly
Non-Executive Director, Dublin City Council board nominee

Executive Manager, Climate and Urban Resilience, Dublin City Council

Teresa Walsh
Non-Executive Director, South Dublin County Council board nominee

Director of Climate Action, South Dublin County Council

Barry Gavin
Non-Executive Director
Adjunct Lecturer - Sustainable and Renewable Energy Finance, UCD Michael Smurfit Graduate Business School

Eamon Judge
Non-Executive Director
Managing Director, Sustainability Hubspot

The Codema team

Codema currently employs 37 staff who have qualifications and experience in areas such as engineering, sustainable development, sustainable infrastructure, energy planning and policy, public engagement, communications, project management and financial administration. This allows the team to deliver key services within areas such as energy management, research, development and innovation, project implementation, public and stakeholder engagement, communications, and project management and development.



Our team members



Donna Gartland
Chief Executive Officer



Catriona Lawless
Chief Financial Officer



Edel Giltenane
Executive Manager, HR and Administration



Joe Hayden
Executive Manager, Project Implementation



Declan McCormac
Executive Manager, Operations



Suzanne Fitzpatrick
Executive Manager, Communications and Marketing



Ciarán Murphy
Executive Manager, Research, Development and Innovation



Conor Leahy
Executive Manager, Energy Management



Katie Harrington
Executive Manager, Public and Stakeholder Engagement



Neil O'Leary
Executive Manager, District Heating



Rebecca Cachia
Executive Manager, Energy Planning



Patricia Astorgano Roderia
Executive Manager, Project Management and Development



John O'Shea
Senior Energy Systems Analyst / Heat and Electricity Lead



Eoin Ahern
Senior Energy Engineer / Transport and Renewables Lead



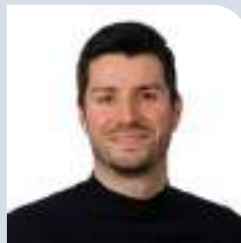
Grainne MacNamara
Energy Analyst



Adam Doyle
Energy Engineer



Ruari Mulvenna
Low-Carbon Project Engineer



Arthur Trousseau
Energy Systems Engineer



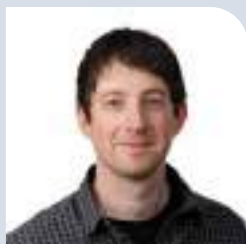
James Lawson
Energy Systems Graduate



Rachel Mahon
Graduate Energy Engineer



Marion Letournel
Energy Systems
Professional



Conor Murphy
Energy Engineer



Martin Eeson
Energy Engineer



Omar Lakkis
Graduate Energy Engineer



Admir Shala
District Heating
Development Manager



Kieran Donohue
Energy Systems Engineer



Anand Kaundinya
Senior Energy Engineer



Eimear Rodgers
Energy and Climate
Awareness Officer



Sarah McEllistrem
Public Engagement and
Stakeholder Coordinator



Hannah Byrne
Communications and
Engagement Coordinator



Katia Tikhoniouk
Communications and Project
Manager



Michelle O'Dea
Senior EU Project Manager



Eli Babei
Resource and Project
Manager



Olga Theocharous
Accountant



Claire Donoghue
Office Manager



Holly Greene
Administrative Assistant



Chinedum Chukwu
Administrative Assistant



Our expertise

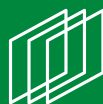
At Codema, our expert team is helping to accelerate Dublin's energy transition across a number of areas. We navigate public sector obligations, helping local authorities to excel in meeting and even exceeding their energy and climate targets. We're highly-skilled in developing and shaping energy policy and planning and carrying out first-of-its-kind research in Ireland.

We have the know-how to take innovative projects from idea stage to large-scale roll-out and our experience in leading and coordinating EU and national funding applications ensures we have the necessary support and resources to succeed in this. Finally, when it comes to engagement and communication, we research and apply the latest, best-practice techniques across all of the work that we do.



Public sector obligations

- Dublin Local Authorities' Climate Action Plans
- Decarbonising zones
- Energy management and reporting



Energy planning, policy and research

- Energy and policy advisory services
- Energy planning
- Energy and emissions modelling
- Decarbonisation pathways
- Spatial energy planning and master planning
- Baseline emission inventories
- Research projects supporting decarbonisation and climate action



Large-scale project roll-out

- District heating
- Building energy efficiency and decarbonisation
 - Energy Performance Contracting
 - Renewable energy solutions
 - DeliveREE
- Roll-out of Dublin Local Authority EV Charging Strategy



Best-practice engagement and dissemination

- Local engagement in Decarbonising Zones
- Think Energy campaign
- Home Energy Saving Kit
- Promotion of local authority energy and climate mitigation projects
- Event management and facilitation
- District heating stakeholder communications
- EU project communications



Project management and development

- Mapping of national and EU funding programmes to align with local needs and opportunities
- Project concept development and proposal writing
- Consortium building and partner coordination
- National and EU project coordination
- Project planning, management and delivery
- Project reporting, administrative and finance compliance





Work programme 2025

Public sector obligations

Codema works closely with all four Dublin Local Authorities (DLAs) to support them in achieving their public sector obligations, including meeting energy and greenhouse gas (GHG) emission targets and the development of their Climate Action Plans. We support the DLAs to achieve best-in-class energy management standards through ISO 50001 certification and to develop comprehensive Climate Action Plans with a strong evidence base to meet targets and mitigate against climate change.

Energy and climate targets

As public sector organisations, the four DLAs have energy and emission targets that need to be met. As set out in the Government's Climate Action Plan, public sector organisations must achieve:

- A 50% improvement in energy efficiency by 2030
- A 51% reduction in CO₂ by 2030

In addition, as part of the Sustainable Energy Authority of Ireland (SEAI)'s 2030 Monitoring and Reporting (M&R) system, the following statutory GHG emissions target must also be met:

- A 51% reduction in direct GHG emissions from transport and thermal fuels by 2030

These targets demand continued and increased focus on the energy performance of the local authorities' buildings and operations between now and 2030. Codema will continue to work with the local authorities' energy and climate teams to help them to identify and implement the best energy-saving opportunities in their organisations and develop a pathway towards achieving these targets.

Energy management and reporting

Under S.I. 426 of 2014, the DLAs must report each year on their energy performance. In practice, this annual reporting involves compiling full data of their previous year's energy consumption. This is made up of MPRN data for all electricity accounts and GPRN data for all natural gas accounts, along with the annual consumption data for non-metered public lighting, heating oil, business travel and transport fuels.

In 2025, Codema supported all four DLAs with this statutory reporting to the national energy M&R system operated by the SEAI on behalf of the Department of Climate, Energy and the Environment (DCEE). The M&R system is very useful for tracking the individual local authority's progress towards its 2030 energy efficiency and emission targets.

In 2021, SEAI published an updated gap-to-target tool to assist local authorities in identifying the energy efficiency improvements and GHG emission reductions that each council will be required to make by 2030. It has subsequently released a number of updated versions of the gap-to-target tool. Codema updated all versions of the gap-to-target tool as they have been released and inputted all the required data to model GHG emissions out to 2030.

Energy Reviews

For the past number of years, Codema has been producing annual Energy Review documents for local authorities in the Dublin and Mid-East region. The Energy Reviews highlighted the total amount of energy that the councils consumed throughout the year, along with the total cost and carbon emissions associated with this energy use in the same year. This data allowed Codema to develop a specific list of energy-saving recommendations, guiding each DLA on how best to tackle its Significant Energy Users (SEUs) and continue to meet public sector targets.

In 2025, Energy Reviews were completed for South Dublin County Council (SDCC), Fingal County Council (FCC), Dún Laoghaire-Rathdown County Council (DLRCC) and Kildare County Council (KCC) as part of their energy management systems.

ISO 50001

In 2025, Codema worked regularly with the DLAs on the implementation and coordination of their energy management systems to facilitate all actions towards reaching and maintaining certification to ISO 50001 standard and meeting energy efficiency and carbon reduction targets.

Fingal County Council (FCC) completed SEAI's ISO 50001 masterclass in 2019 and received certification to the new 2018 standard in February 2020. In October 2025, FCC passed its recertification audit.

Dún Laoghaire-Rathdown County Council (DLRCC) achieved ISO 50001 accreditation in 2016 on the back of SEAI's initial ISO 50001 masterclass. Codema agreed a work programme to aid the local authority with its energy management system and throughout the recertification process. In November 2025, DLRCC successfully passed its recertification audit.

Both Dublin City Council (DCC) and South Dublin County Council (SDCC) completed the SEAI ISO 50001 Accelerator programme in 2024 and both local authorities hope to achieve certification in 2026.

Energy team meetings

In 2025, Codema helped to facilitate 18 energy team meetings across the four Dublin Local Authorities. These meetings are an integral part of the structured energy management system, for which the councils have either attained ISO 50001 certification or are actively working toward certification.

As mentioned previously in this section, DLRCC and FCC currently have ISO 50001 energy management systems in place. As part of these systems, both local authorities meet regularly with their team members to keep track of energy performance, as well as the energy management system in its entirety. These energy teams also keep track of action plans and ensure SEUs are on target to achieve their energy efficiency and carbon reduction goals. These team meetings are a crucial part of the councils' energy management system and Codema supports both local authorities to facilitate these meetings by helping to set agendas and work with each SEU area, all with the view to ensure they reach their targets and that the energy management system continues to improve.

Display Energy Certificates

The information from Codema's energy database and energy surveys is used to prepare Display Energy Certificates (DECs) for each publicly-accessible local authority building with a floor area greater than 250m², as required under the regulation S.I. 243 of 2012. DECs allow for a comparison of a particular building's energy performance against a standard benchmark and are updated annually with the actual energy consumption over the previous 12-month period. This then allows for the building's energy performance to be tracked from one year to the next.



Codema assisted the four DLAs with the certification of 87 public buildings in total in 2025. This information was entered into the SEAI system for the local authorities and Codema issued certificates to the managers of all of these buildings, along with information on how much energy would need to be saved in the following year to improve their energy rating. Each building manager also received a copy of Codema's 'Guide to Display Energy Certificates in Local Authority Buildings' to accompany these certificates and encourage direct action.

Decarbonising Zones

As part of the Climate Action and Low Carbon Development (Amendment) Act 2021, local authorities across Ireland must identify and develop plans for a Decarbonising Zone (DZ) within their boundary. A DZ is considered a test bed of innovation and a demonstration site of what is possible in relation to decarbonisation and climate action at a local level. The DZ targets must align with the national climate targets of a 51% reduction in greenhouse gas emissions by 2030 and net-zero emissions no later than 2050.

On an ongoing basis, Codema supports the DLAs to meet their legal and policy requirements in the development of their DZ plans.

To date, Codema has developed five DZ plans for the DLAs; these plans map and analyse the energy demand and emissions for residential and commercial (including public sector and industrial) buildings and the transport sector across the DZ. To ensure the involvement of the local community, in 2025, Codema also supported South Dublin County Council and Dún Laoghaire-Rathdown County Council with the local engagement process for their DZ plans; these are discussed further in the best-practice engagement and dissemination section of this report.

Dublin Local Authorities' Climate Action Plans

In 2023, the Dublin Local Authorities prepared their Climate Action Plans (CAPs) for 2024-2029. These plans are aligned to the Government's overall national climate objective, which seeks to achieve a climate-neutral Ireland by 2050, as set out in the Climate Action and Low Carbon Development (Amendment) Act 2021.

Codema supported the DLAs with their Climate Action Plans and provided the evidence base for the climate mitigation activities. The DLA Climate Action Plans also include a chapter on Decarbonising Zones (described earlier in this section). Codema developed the Decarbonising Zone plans that spatially map out and analyse the energy demand across these areas, along with the potential increase/decrease in emissions projected to 2030 and a gap-to-target analysis.

Throughout 2025, Codema supported the DLAs by participating in joint DLA Climate Team meetings, where Codema provided regular updates on activities related to the Climate Action Plans. Codema also shared information and updates on actions to support the DLAs' annual CAP reporting.

Mid-East Energy Unit

The Mid-East Energy Unit (MEEU) was established in January 2023 in partnership with Kildare, Meath and Wicklow County Councils, with Louth County Council joining in 2024. Codema provides core services to the energy unit, working closely with the four local authorities to support the achievement of their 2030 energy efficiency and emission reduction targets.

The long-term objective remains to embed a structured energy management system within these local authorities, reinforcing their leadership in climate action.

Building on the progress made in 2024, which focused on the establishment of a €19 million Energy Performance Contracting (EPC) framework for the decarbonisation of leisure centres and office buildings, 2025 saw the first successful use of this framework to procure projects. Two EPC contracts were progressed: one for Kildare County Council covering Athy and Naas Leisure Centres and the Áras building, and one for Meath County Council covering Navan and Trim Leisure Centres. These represent a significant step forward in translating the framework into delivered projects on the ground.

In parallel, the MEEU also established the planned framework for the decarbonisation of approximately 40 smaller buildings across the region. This complements the larger EPC framework and provides a structured and scalable approach to addressing a broader range of public sector assets.

These developments mark continued progress in supporting local authorities to implement long-term, planned approaches to decarbonisation, moving from framework development to the delivery of concrete projects that contribute to regional energy and climate targets.



Public sector obligations

Key outputs for 2025



ISO 50001 certification retained for DLR and Fingal County Councils



ISO 50001 Energy Reviews produced for all 4 DLAs



Delivery of the Clondalkin DZ Final Report

Public sector obligations - Actions and outputs 2025

Month	Actions	Project support	Outputs
January	DLRCC and SDCC energy team meetings and Performance Monitoring Reports	–	Presentations and reports on energy performance provided
	MPRN and GPRN uploads to M&R system for four DLAs	–	M&R MPRN and GPRN requirements met for four DLAs
February	DLRCC Energy Team meeting and Performance Monitoring Report	–	Presentation and report on energy performance provided
	DLRCC end of year meeting	–	Discussion of 2024 work items and created a plan for 2025
March	DLRCC Energy Team meeting and Performance Monitoring Report	–	Presentation and report on energy performance provided
April	DLRCC Energy Team meeting and Performance Monitoring Report	–	Presentation and report on energy performance provided
	Dún Laoghaire - Blackrock Decarbonising Zone Action and Implementation Plan kick-off	DLRCC DZ	Project commenced
May	DLRCC Energy Team meeting and Performance Monitoring Report	–	Presentation and report on energy performance provided
	Kildare County Council Energy Review 2024	–	Energy Review report produced
	Fuel and activity metric uploads to M&R for four DLAs	–	M&R fuel requirements met for four DLAs
	Energy project uploads to M&R for four DLAs	–	M&R energy project requirements met for four DLAs
	Staff business travel uploads to M&R for four DLAs	–	Staff business travel requirements met for four DLAs
	Vehicle inventory and procurement information uploaded to M&R for four DLAs	–	Clean Vehicles Directive (CVD) requirements met for four DLAs
	Building register uploads to M&R for four DLAs	–	Building register requirements met for four DLAs

Month	Actions	Project support	Outputs
June	DCC building surveys	–	Six DCC buildings surveyed
	DLRCC Energy Team meeting and Performance Monitoring Report	–	Presentations and report on energy performance provided
	Delivery of the Clondalkin DZ Final Report	Clondalkin DZ	Report complete
	Carried out an Energy Management and Provision Feasibility Study for the City Edge project on behalf of South Dublin County Council and Dublin City Council	City Edge	Report complete
July	4 DLAs SEU database updates	–	SEU databases updated for all four DLAs
August	Survey conducted on Ballyogan Library	–	Operational control of library reviewed
	Display Energy Certificate generation	–	Display Energy Certificates generated for all four DLAs
September	Metering Framework workshop	–	Workshop given to all four DLAs and the MEEU on Metering Framework being developed
	FCC Energy Team meetings and Performance Monitoring Reports	–	Presentations and reports on energy performance provided
	DLRCC Energy Review 2024	–	Energy Review report completed
October	FCC Energy Team meetings and Performance Monitoring Reports	–	Presentations and reports on energy performance provided
	FCC ISO 50001 audit preparation	–	Prepared documentation for ISO surveillance audit
	FCC ISO 50001 recertification audit	–	Assisted FCC during their successful recertification audit
	FCC Energy Review 2024	–	Energy Review report completed
November	DLRCC, FCC and SDCC Energy Team meetings and Performance Monitoring Reports	–	Presentations and reports on energy performance provided
	DLRCC ISO 50001 audit preparation	–	Prepared documentation for ISO surveillance audit
	DLRCC ISO 50001 recertification audit	–	Assisted DLRCC during successful recertification audit
	SDCC Energy Review 2024	–	Energy Review report completed
December	Draft DCC Energy Review 2024	–	Draft Energy Review report completed
	LexIcon building optimisation audit	–	Audit of BMS and assets on site
	FCC and SDCC Energy Team meetings and Performance Monitoring Reports	–	Presentations and reports on energy performance provided



Energy policy, planning and research

To create a better, liveable, more energy-efficient Dublin, we need to start with how we plan the county. Each area is unique, with different characteristics and different needs – by making energy an essential factor in spatial planning processes, we can find solutions that benefit communities and make Dublin a better place to live.

Codema is Ireland's leading expert in spatial energy master-planning, demonstrating how energy considerations can be incorporated into local-level planning processes.

In addition, our skilled team provides insight and advice on climate and energy policy, highlighting the best pathways, solutions and technologies to meet our energy and climate goals.

Supporting these aims, Codema identifies and delivers research, development and demonstration projects in the areas of energy, decarbonisation and climate action, focused on the county and local levels. Codema's approach is to find examples of best practice in other European regions and seek European research funding to transfer best practice to Dublin.

Energy and policy advisory services

Our policy work helps to inform us about what best practice looks like, what solutions work elsewhere and what the future might look like for Dublin.

Codema maintains up-to-date policy knowledge, focusing on energy topics of particular interest to local authorities, including upcoming EU requirements that impact the local level and national policy that needs to be implemented locally. Topics include energy planning, energy communities, data centres, energy poverty and district heating, among others.

Our activities include:

- Tracking and responding to public consultations in areas of relevance

- Developing position papers and briefing papers for key areas
- Hosting workshops on topics of relevance for local authorities
- Advice for planning applications

Public consultations

In 2025, Codema made several submissions to public consultations that support our work and the work of the DLAs in the area of energy and climate change. These submissions are listed below:

- Sharing of Maximum Export Capacity (MEC) behind a Single Connection Point (CRU)
- European Electricity Grid Package Consultation
- Consultation on the development of Ireland's Social Climate Plan
- District Heating Bill Consultation (DCEE)
- Large Energy Users Connection Policy Consultation (CRU)
- Statutory consultation in relation to the exclusion of Palm Oil Mill-Effluent (POME) from the award of additional Renewable Transport Fuel Obligation (RTFO) certificates (DoT)

Other outputs

In 2025 we also delivered:

- A policy position paper on district heating for the Dublin region
- Workshops on current data centre policies and impact on local authorities



Energy advisory groups and working groups

Codema participates in energy advisory groups and working groups with other experts in Ireland and internationally, maintaining and advancing our expertise in these areas.

During 2025, Codema participated in the following policy analysis and decarbonised energy spaces:

- Euroheat & Power Stakeholder Forum on Waste Heat Recovery
- EIB InvestEU Advisory Hub Project on Implementation of District Heating in Ireland Stakeholder Group
- SEAI Decarbonised Electricity System Study Stakeholder Forum
- Irish District Energy Association Working Groups (Funding, Heat Bill)
- Irish Energy Poverty Observatory
- Skills4DHC Project Stakeholder Group
- ESB Networks Distribution Markets and System Operation Advisory Group
- ESB Networks Stakeholder Innovation Panel
- EU Covenant of Mayors and Ireland Group
- DCEE Geothermal Advisory Group
- Irish Building Stock Observatory
- Grangegorman Development Agency Energy Steering Group
- Ad hoc meetings/presentations with DCEE teams e.g. Electricity Storage Team

Energy planning

Codema provides technical expertise on energy planning to our key stakeholders. Our team works to develop and understand the evidence base for the current and future needs of Dublin's energy and climate transition. Energy and emissions modelling serve as the foundation for our evidence-based energy planning work, which supports decision makers with energy planning-related policy recommendations.

At a local level, local authorities have to meet a number of legal climate action obligations and targets. Energy planning aids the DLAs by providing the technical and evidence-based energy planning expertise needed to support them to take action on climate and meeting their policy requirements in areas such as:

- Preparation of county/city development plans
- Identification of Strategic Energy Zones
- Assessment of Decarbonising Zones
- Preparation of climate mitigation plans
- Supporting the roll-out of low-carbon infrastructure (district heating, electric vehicle charging, etc.)
- Carbon and energy assessment of planning applications
- Creation of EU Covenant of Mayors Sustainable Energy and Climate Action Plans

Photo courtesy of Rob Durston, Fáilte Ireland



City Edge

South Dublin County Council (SDCC) and Dublin City Council (DCC) have come together to work on a joint urban regeneration effort, the City Edge project. This project is in response to national strategies to regenerate Ireland's cities and large towns, while also focussing on new housing and employment in existing urban areas. City Edge is unique in Ireland and is a transformative initiative, creating a new urban quarter and reimagining the Naas Road, Ballymount and Park West areas at the west of Dublin City. This project has the potential to create 40,000 new homes and 75,000 jobs, making it one of the largest regeneration schemes in Europe.

In 2024, Codema assisted DCC and SDCC in carrying out an energy planning analysis and report to support the City Edge project and upcoming variations of their city and county development plans. The final Sustainability Energy Management and Energy Provision Feasibility Study was approved by both SDCC and DCC in 2025.

The work carried out includes a review of existing climate policy as well as energy and heat demand analysis, projection of future energy and heat demand for City Edge and -using such as an evidence base - outlines principle-based zero-carbon pathways for City Edge. Most importantly, the report sets out a series of policy-based recommendations on:

- Low-carbon heating and heat networks, including potential for district heating and waste heat sources
- Low-carbon transport
- Renewable electricity

- Building energy efficiency and embodied carbon in buildings
- Socio-economic impacts

REEF

The REEF (Regions putting Energy Efficiency First) project kicked off in March 2025 and centres around the Energy Efficiency First (EE1st) Principle, a cultural shift in how we think about energy by placing energy efficiency at the centre, ahead of technological or infrastructural solutions. Given the ongoing energy crisis, REEF arrives at a pivotal moment in how we approach our energy demand and consumption.

The EE1st Principle is a component of the EU Energy Efficiency Directive and puts energy efficiency at the forefront of considerations when it comes to policy and development. The ultimate goal of REEF is to enable policy change that makes energy efficiency the key consideration for future development.

There are 10 project partners across Europe, extending beyond the EU. Partners have each identified good practices that can be applied to their respective regions. The good practices range from new funding mechanisms for energy retrofits to initiatives that assist individual households in lowering their consumption and saving money and energy in the process.



The Dún Laoghaire and Blackrock Decarbonising Zone Plan

In April 2025, work on the Dún Laoghaire and Blackrock DZ Action and Implementation Plan commenced. The plan focuses on reducing emissions by 51% by 2030 in the DZ, targeting the residential, commercial and transport sectors.

Key information and considerations within the plan include:

1. **Baseline and climate pathways:** The plan includes a Baseline Emissions Inventory (BEI) from 2018, showing the residential sector as the largest emitter. Climate pathways detail sector-specific actions like energy upgrades, solar installations and transport electrification to meet the emissions reduction goal.
2. **Sector-specific strategies:** Residential actions include retrofitting homes and installing solar panels. The commercial sector focuses on energy efficiency upgrades and decarbonising heating, while the transport sector aims to electrify public transport and reduce car emissions.
3. **Governance and implementation:** A DZ Implementation Group oversees the plan's execution, coordinating efforts across sectors and ensuring progress. The plan also includes engagement with communities and businesses, leveraging resources like SEAI funding programmes.

This is an evidence-led plan with targeted actions across sectors and a strong governance structure to reduce emissions and promote sustainable practices in Dún Laoghaire and Blackrock.

Scope 3 Emissions Innovation Voucher

In 2025, Codema completed the Scope 3 Emissions Guidance Document. It represents a critical effort to bridge the gap in standardised carbon emissions reporting for Irish organisations. With Scope 3 emissions often accounting for the majority of an entity's carbon footprint, accurately measuring and reporting these indirect emissions is essential to achieving Ireland's net-zero goals by 2050. While Scope 3 emission standards have been developed by several universities and businesses in Ireland and abroad, there is no set Irish standard.

This project, commissioned by Codema and supported by Enterprise Ireland, aimed to develop a comprehensive and practical methodology for Scope 3 emissions reporting. The Dublin Local Authorities and Small to Medium Enterprises (SMEs) in Ireland were the focus of the work as they are two sectors that face unique challenges in emissions accounting due to resource and knowledge constraints. The results not only enable more accurate emissions tracking but also empower organisations to take informed actions toward mitigation.

The project involved a detailed review of international best practices, evaluating existing tools and databases and the development of a tailored guidance document. A final set of recommendations were provided to relevant stakeholders as to the approach to take to address Scope 3 emissions.

A PhD student, under the supervision of an experienced team from Trinity College Dublin and Codema, played a pivotal role in delivering this guidance document, contributing both to academic knowledge and real-world impact.



Energy modelling

Our energy modelling work provides us with key evidence and analysis on climate-friendly development pathways for Dublin. It informs the work we do in Codema across many areas - from energy planning, to project development and public engagement.

The Dublin Region Energy Master Plan

The Dublin Region Energy Master Plan (DREM) is the first regional energy master plan in Ireland. The master plan provides realistic, costed pathways for the Dublin region to achieve its carbon emission reduction targets to 2030 and 2050. These pathways have been based on detailed local-level, spatially-driven energy scenario modelling and identify low-carbon technologies specific to the energy characteristics of a particular area at a local level, which has not been carried out before for any county in Ireland. The DREM has been a key reference for work carried out within Codema. Local authorities have to meet a number of legal climate action obligations and targets and in 2025, the results of this work continued to support the DLAs to meet these obligations. Notably, the DREM has supported:

- The Dublin Decarbonising Zones (five zones in total)
- The City Edge project for Dublin City Council and South Dublin County Council
- The roll-out of low-carbon infrastructure (district heating, EV charging, etc.)
- Carbon and energy assessment of planning applications
- Numerous public consultations
- Multiple project proposals for EU and local funding streams, with the aim of bringing in more investment in climate action to the Dublin region

To serve future needs, the DREM requires further innovation and updates. In 2025, Codema submitted a funding proposal to SEAI's RD&D programme for a new, updated Dublin Region Energy Master Plan, with new partners in Dublin and the Dublin Local Authorities.

MultiRoofs

MultiRoofs is an Interreg North-West Europe project that aims to help public authorities unlock the potential of rooftops as multifunctional urban assets. The project explores how rooftops can contribute to climate adaptation and mitigation, biodiversity, water management, renewable energy generation and improved urban liveability. A central objective of MultiRoofs is to equip municipalities with the strategies, data, digital tools and project delivery and incentive mechanisms needed to influence how rooftops are used by different property owners.

The project began in early 2025 and throughout the year, Codema and the wider consortium undertook a series of strategy sprints, technical working groups and local stakeholder discussions to better understand the needs and expectations of participating cities. This work laid the foundation for the joint strategy, which identifies a set of typical components for the urban environment, including urban district typologies, property and owner types, existing incentives and initiatives, rooftop uses and urban strategic priorities. Through the strategy sprint process, these definitions were tested and refined, enabling partners to compare the priorities of different property owner groups and assess how these align with municipal objectives in different urban contexts.

Exploratory work was also carried out to identify and build the evidence base needed for 3D modelling tools in the Irish context. This involved reviewing building and geographical datasets, how these datasets could be integrated together into a digital model of the city and what kind of data strategy is necessary at city and regional level to enable the creation and implementation of such tools. It included mapping the availability of data across different organisations, such as Tailte Éireann, local authority departments and existing commercial providers, in order to assess how data coverage could be expanded and under what conditions these datasets might be made available.



Research

REGEN

In 2025, Codema continued work on the REGEN (REGEneration of neighbourhoods towards a low-carbon, inclusive and affordable built environment) project, which kicked off in 2024. During the second project year, REGEN assessed the specific socio-economic, climate and built environment challenges in a local area. This work was conducted jointly with DCC and Arden Energy and focuses on the Ringsend and Poolbeg Decarbonising Zone as one of the project's demonstration sites. The characterisation of the area conducted in 2024 creates an innovative pathway for the decarbonisation of European neighbourhoods and cities, using digital modelling approaches.

The locally-defined REGEN initiatives are being implemented in the four demonstration sites of Dublin, Milan, Laredo and Beckerich. It involves using the developed methodology to measure different key aspects of decarbonisation such as the energy usage, mobility and circularity of individual buildings. The project will upscale its findings to the city level, informing key policy directions and contributing to the broader transition towards sustainable urban development.

Codema, as the energy agency for DCC, is leading the REGEN demonstration site interventions in Ringsend, supported by council staff and the local Sustainable Energy Community, represented by founding member Arden Energy. Codema, as the demonstration site leader, is making sure that initiatives prioritised for Ringsend are executed following best practice, ensuring a more sustainable, low-emissions and inclusive Dublin.

Heat NEWS

The Heat NEWS project (supported through the SEAI RD&D funding programme) explored various aspects of thermal energy storage (TES) and its potential for grid flexibility. The project conducted a comprehensive comparative analysis of different TES technologies, including Tank Thermal Energy Storage (TTES), Pit Thermal Energy Storage (PTES) and Aquifer Thermal Energy Storage (ATES), to assess their suitability for various heating applications.

It also produced several case studies from operational TES installations, such as the UCD Michael Smurfit Graduate Business School's heat pump retrofit and the Tallaght District Heating Scheme (TDHS), which highlighted the financial and operational benefits of TES technology. These case studies demonstrated how TES could significantly enhance the performance and cost-efficiency of heating systems.

In addition, the project developed detailed step-by-step guides for domestic, district and industrial heat asset owners. These guides provide practical steps for integrating TES into heating systems, aiming to improve flexibility and enable participation in grid services.

The project also included a sector roadmap for TES and flexibility, alongside a business model analysis and policy recommendations. These findings emphasised the crucial role TES could play in achieving national climate targets by reducing CO₂ emissions and improving overall energy efficiency, as well as enhancing the reliability of renewable energy integration into the grid.



Large-scale Climate Neutral Energy Geostructures in District Heating and Cooling Systems/Networks

Codema provided district heating and heat planning expertise to University College Cork as part of the Large-scale Climate Neutral Energy Geostructures in District Heating and Cooling Systems/Networks (LEG-DHC) project. This is a Clean Energy Transition Partnership (CETP 2022) funded project.

Energy geostructures are novel engineering sub-structures that can be used for heat collection and storage as well as their primary function. Their use is becoming increasingly popular in delivering cost-effective, shallow geothermal energy. These structures (tunnels) may also be used to install district heating pipe networks, reducing the need for pipe trenches to be excavated.

The project involved engaging with industry experts. The report produced as part of this project outlines the role and potential of energy geostructures in district heating in Dublin, including a comparative analysis of energy geostructures with other heat sources compatible with district heating and outlining key considerations in the use of these underground tunnels for the purpose of installing district heating pipework.

DISCO

DISCO (Advancing DISTRICT heating and COoling solutions for efficient waste heat utilisations) is an Interreg Europe project focused on helping local authorities improve policies that support low-carbon heating and cooling, with a particular emphasis on making better use of waste heat that is currently lost to air or water. Across 10 European regions, the project brings together local authorities and energy agencies to exchange good practices, build capacity and strengthen policy instruments related to district heating, waste heat use, infrastructure planning, stakeholder cooperation and regulatory frameworks. Its overall aim is to help regions decarbonise heating and cooling in buildings while advancing energy efficiency in line with wider EU climate and energy goals.

For Ireland, DISCO is particularly valuable because it supports Codema and Kildare County Council in turning heat decarbonisation from a strategic ambition into practical recommendations for local policy. The project is also closely aligned with Codema's role in supporting the Mid-East Energy Unit and strengthening the capacity of local authorities to plan for sustainable heat.

DISCO benefits Ireland by enabling Codema to build this foundation in a structured and practical way. Through the project, Codema is undertaking county-wide heat source mapping, reviewing waste heat policy, engaging local stakeholders and documenting a methodology that could be replicated by other Irish local authorities. As a result, the work will not only support Kildare's policy instruments but will also generate knowledge, evidence and approaches that can inform wider heat planning and heat decarbonisation efforts across Ireland.

Dublin Energy Poverty Review

In 2025, Codema began work on the Dublin Energy Poverty Review on behalf of the four Dublin Local Authorities. The project involved a review of the current policy landscape at local, national and EU levels, including emerging legislative requirements and relevant climate and social directives. As part of this work, Codema examined the key drivers and impacts of energy poverty and utilised both qualitative and quantitative data to identify and begin to map areas in Dublin at high risk of energy poverty.

Codema also engaged with a range of stakeholders across industry and undertook a best-practice review of initiatives aimed at addressing energy poverty. This analysis, combined with stakeholder input, is being used to inform the development of evidence-based recommendations for effective and practical actions and policy measures. These recommendations will support future policy opportunities and programme development within the four local authorities, with the energy poverty mapping exercise highlighting where targeted actions are most needed. This work will be completed in 2026.

Scoping for EED requirement on Local Heating and Cooling plans

Codema prepared a scoping report to help local authorities understand and plan for forthcoming Heating and Cooling Plan requirements under the EU Energy Efficiency Directive. The work reviewed likely compliance obligations, clarified expected plan content, engaged key national and local stakeholders, identified supporting organisations and data needs and outlined a practical methodology and timeline for delivery in Ireland.



Energy planning, policy and research

Key outputs for 2025



Engaged in 6 consultations, 10+ working groups, 2 workshops, 1 position paper



Detailed step-by-step guides for Heat NEWS developed



Sustainability Energy Management and Energy Provision Feasibility Study for City Edge approved

Energy planning, policy and research - Actions and outputs 2025

Month	Actions	Project support	Outputs
January	Smart Grid Ireland energy communities workshop	–	Contributor
	Presentation to SEAI District Heating Centre of Excellence on the 'How-to' Guide for District Heating Feasibility Studies completed in 2024	–	Presentation
February	Presentation to Smart Grid Ireland board on Codema and its work	–	Presentation
	Presented at the "Get on track with your district heating plans" -Plan4CET and Covenant of Mayors webinar on Codema's experience and learnings from delivering heat plans in Dublin	–	Presentation
	Blanchardstown District Heating Scheme stakeholder project meeting - technical seminar on connecting buildings	Blanchardstown District Heating Scheme	Presentation
	Heat NEWS project workshop and presentation on thermal storage co-hosted with the ThumbsUp project	Heat NEWS	Workshop and presentation
	ESB Networks Demand Market System Operator Advisory Council meeting	–	Contributor
	Dublin Energy Poverty Review kick-off	–	Project commenced
February-March	Sharing knowledge, information and resources with ERM Consultants and SEAI to inform the National Comprehensive Assessment on Heating and Cooling	–	Contributor/stakeholder
February-April	Supported DLAs on District Heating Part L verification testing for SEAI	Heat Works	Meetings, formal feedback to SEAI
March	Presentation given at the Future Energy and Innovation stage of the SEAI Energy Show	–	Conference presentation
	Delivered guest lecture on district heating to Dublin City University (DCU) students	–	Presentation/lecture
	MultiRoofs project kick-off to develop multifunctional roofscapes for smart, green and just urban densification.	MultiRoofs	Project commenced

Month	Actions	Project support	Outputs
April	Webinar on 'District Heating in Ireland' for the TEA IN-PLAN and own your own SECAP projects	–	Presentation
	Submission to Commission for Regulation of Utilities consultation on Large Energy Users	–	Policy consultation document
	Submission to Commission for Regulation of Utilities consultation on Sharing of Maximum Export Connection behind a single connection point	–	Policy consultation document
	Stakeholder feedback workshop on policy gaps and barriers for thermal storage roll out	Heat NEWS	Workshop
	Provided input to the validation panel for two new courses (focused on decarbonisation of the built environment) in TUS	–	Contributor
	Developed a Scope 3 Emissions guidance document	Innovation Voucher	Guidance document complete
May	DISCO project online kick-off	DISCO	Project commenced
	Attended a peer review meeting in Aalborg with staff from KCC and the MEEU as part of the DISCO project	DISCO	Knowledge sharing and co-creation workshop around waste heat best practices
	Represented Codema at the Irish Energy Poverty Observatory workshop	–	Contributor
	Submission to the Department of Transport consultation on the exclusion of Palm Oil Mill-Effluent (POME) from the award of additional Renewable Transport Fuel Obligation (RTFO) certificates	–	Policy consultation document
	Regions putting Energy Efficiency First (REEF) project kick-off	REEF	Project commenced
	Attendance at EnableDHC operational workshops	EnableDHC	Contributor
June	Presentation at the Energy Ireland conference on thermal storage and electricity network flexibility	Heat NEWS	Conference presentation
	Participated in the speaker panel at the Business Post Sustainability in the Built Environment conference	–	Conference panel
	Participated in a workshop to create a framework around roof utilisation in urban environments	MultiRoofs	Workshop participation
June - August	Meetings with KCC regarding data centre planning applications	–	Contributor
July	Submission to the Department of Climate, Energy and the Environment consultation on District Heating Sector Consultation-Heat (Networks and Miscellaneous Provisions) Bill 2024	–	Policy consultation document

Month	Actions	Project support	Outputs
July	Attended and provided input to workshop for National Renovation Plan	–	Provided input into the workshop to support the transposition of the recast EPBD
	Presentation of the Heat NEWS project findings to SEAI	Heat NEWS	Presentation
	Codema Sustainability Report published	–	Report completed and available on Codema website
	EU survey consultation : European Grid Package	–	Consultation submission
August	Presentation of business case for thermal energy storage in Tallaght to Fortum	–	Presentation
	Submission to the European Commission consultation on the European Grids Package	–	Policy consultation document
	Research workshop with Trinity College Dublin to identify areas for potential collaboration	–	Workshop
September	Presentation to the County and City Management Association (CCMA) on district heating	–	Presentation
October	Drafted text on efficient district heating for the updated NSAI SR 54 document on retrofitting homes for the Department of Housing, Local Government and Heritage/ SEAI	–	Document
	Submission to the Department of Climate, Energy and the Environment consultation on the development of Ireland's Social Climate Plan	–	Policy consultation document
	Final report for LEG-DHC project submitted	LEG-DHC	Report
	Held a workshop with the DLAs on data centres -policy and planning impacts	–	Workshop
November	IEA DHC District Energy Market Development Guidelines proposal	–	Funding proposal
	Decarbonised Electricity System Study: Stakeholder forum meeting	–	Contributor
	Presentation of Codema's district heating feasibility work at IrDEA conference	–	Presentation
	Held a workshop with the Mid-East Local Authorities on data centres -policy and planning impacts	–	Workshop
	District Heating Position Paper on behalf of the DLAs	–	Position paper document
	ManagEnergy Expert Missions -energy agency exchange -Codema hosted Auvergne Rhon-Alpes energy agency	–	Workshop
	Participated in stakeholder group for the SEAI Decarbonised Electricity System Study	–	Workshop
	Delivered 'Fundamentals of District Heating' training on behalf of Engineers Ireland	–	Training delivered

Month	Actions	Project support	Outputs
November	Presented at Renewable Heating and Cooling in Ireland National Roundtable	-	Workshop
	Heating and Cooling Plans Scoping Report	-	Project Commenced
December	Attended stakeholder workshop at the Ireland Electrified Conference in Croke Park	-	Contributor
	Attended stakeholder workshop with EuroHeat & Power and the European Commission on waste heat	-	Workshop
	Presentation on thermal energy storage and its potential role in national energy security to DCEE	-	Presentation
	Presentation of communal vs individual heating solutions from Grow Green Burn Blue project to DCC	-	Presentation
	Attended second DISCO peer review meeting in Assen, the Netherlands	DISCO	Knowledge sharing and co-creation workshop around financial solutions for waste heat utilisation



Large-scale project roll-out

At Codema, we specialise in the roll-out of large-scale energy projects that play a crucial role in advancing Dublin's low-carbon, sustainable future. Through close collaboration with local authorities, public sector bodies and private stakeholders, we deliver impactful solutions in renewable energy, district heating, building energy efficiency and decarbonisation.

These projects are essential in driving Dublin's progress towards its climate targets, while also enhancing the quality of life for its residents. Every initiative we lead is designed to contribute to a cleaner, more resilient capital.

District heating

Tallaght District Heating Scheme (TDHS)

Trading as Heat Works, the Tallaght District Heating Scheme (TDHS) is fully-owned and operated by South Dublin County Council (SDCC) as the first not-for-profit heat utility in Ireland. Heat Works was launched at the beginning of 2023 and intends to be an exemplar heat network business in Ireland, delivering economic, environmental and social benefits for all parties.

Throughout 2025, the TDHS continued to deliver a reliable, low-carbon heat supply to its Phase 1 customers, including SDCC buildings and a number of buildings on the TU Dublin Tallaght campus. The scheme also expanded its customer base, supplying heat to 133 cost-rental apartments and the Innovation Centre, where occupancy levels increased over the year and a growing number of users benefited from the network. The TDHS currently contributes to reducing carbon emissions in the area, saving nearly 1,500 tonnes of CO₂ each year, with further reductions expected as the network expands.

In 2025, an Owners' Management Company (OMC) was engaged to manage heat and related services for the cost-rental apartments. In parallel, Codema and SDCC continued to support the operation and optimisation of the network.

As the energy agency to SDCC, Codema provides technical, policy, funding, procurement and project management assistance to the TDHS. Throughout 2025, Codema continued to provide support for tours and technical site visits, new connection assessments, stakeholder engagement support and network modelling support, among other activities, as

the project transitioned from operational to a more advanced stage.

In parallel, Codema developed a Climate Action Fund (CAF) application to support the expansion of the scheme (Phase 2). If successful, the CAF will support investment in additional pipework, heat pumps, thermal storage and heat exchangers required to connect future customers. This application is expected to be submitted in 2026.

RODEO

Codema joined the RODEO (Rolling Out DHC Extensively to Home Owners) project in 2025, an ambitious initiative funded under the Interreg North-West Europe programme. The project aims to accelerate the roll out of district heating and cooling (DHC) systems in existing residential areas, addressing a key challenge in the energy transition: enabling the expansion of low-carbon heating solutions beyond new developments and into established communities.

Led by the City of Ostend, the project brings together a consortium of 10 partners from across Ireland, Belgium, France and the Netherlands. The kick-off meeting took place in March 2025 in Lille, marking the formal start of project activities and providing an opportunity for partners to align on objectives, governance structures and the overall implementation roadmap.

The project is developing and testing innovative financial and governance models, alongside new approaches to citizen engagement, to support the fine-grained extension of district heating networks. Pilot activities are being implemented in four cities - Ostend, Dunkerque, Assen and Dublin, ensuring that solutions are tested in diverse local contexts and can be

Photo courtesy of Ben Ryan



replicated across the North-West Europe region. Within the Irish context, SDCC is a project partner, working alongside associated partner Heat Works in Tallaght. Their involvement supports the practical demonstration of district heating expansion in Dublin and contributes to the alignment of project outputs with local energy strategies.

A further key milestone in 2025 was the project meeting and stakeholder engagement event held in Ostend from 25-27 November, which brought partners together to review progress, share early findings from pilot activities and engage with local stakeholders on the challenges and opportunities associated with scaling up district heating in existing urban areas.

Through its participation in RODEO, Codema contributes to a collaborative European effort to advance sustainable heating solutions and support the transition to low-carbon energy systems.

Blanchardstown District Heating Scheme (BDHS)

In 2023, Codema submitted an Outline Business Case on the feasibility of a district heating scheme in Blanchardstown to Fingal County Council (FCC). The results of the report showed that the scheme was both technically and financially-viable. The proposed scheme aims to take waste heat from a data centre and deliver it to nearby buildings including the Sports Ireland Campus, Technological University of Dublin Blanchardstown and Connolly Hospital. It is also anticipated that if the proposed scheme is implemented, it will expand over time and deliver low-carbon heat to nearby housing developments.

The BDHS is now being actively progressed by FCC. Codema and the National Development Finance Agency (NDFA) are on board to assist the council in developing the project. In 2025, an application was submitted to the ELENA (European Local Energy Assistance) facility. If successful, this European Investment Bank (EIB) funding would support project development services for the BDHS. The final application has been approved by the EIB and is currently undergoing review by the European Commission. If successful, a funding agreement is expected to be signed in 2026. The project team also submitted an Expression of Interest (EOI) for pre-construction funding to the SEAI to cover development costs in the event that the ELENA application is unsuccessful.

In addition, a project board has now been established and several meetings were held in 2025. A stakeholder communication strategy was also developed. In parallel, engagement with key stakeholders progressed significantly, with several meetings held and letters of intent secured from the three anchor customers and heat suppliers. A commercial adviser was also procured to undertake a business model exercise with FCC and key stakeholders. This work will be completed in Q2 2026 and will outline the most suitable commercial structure for the scheme. At the end of 2025, Codema was also progressing a Preliminary Business Case to ensure the scheme aligns with the Infrastructure Guidelines, with a view to bringing the project to Approval Gate 1 in 2026. Continued coordination with the Department of Climate, Energy and the Environment (DCEE) and the SEAI was also ongoing to ensure the project can secure capital funding when available.



Photo courtesy of Bill Ebbesen

Naas District Heating Feasibility Study

In July 2024, Codema began work on behalf of Kildare County Council (KCC) on the Naas District Heating Feasibility Study, a comprehensive analysis of the potential for developing a district heating network in Naas town. This project assesses the technical, financial and socio-economic aspects of implementing a district heating system using locally-available heat sources. It aims to establish if district heating can supply heat in the region, reduce dependency on fossil fuels and contribute to meeting national and EU climate targets.

The final report and presentation to the council was delivered in June 2025. The results of the study demonstrate that district heating is both technically and economically-viable in Naas. The preferred heat source - a proposed data centre - has the potential to supply sufficient waste heat to meet the needs of nearby public buildings, commercial premises and anticipated future residential developments.

Following completion of the study, further engagement was undertaken with key stakeholders to progress the project. Summary brochures were developed and shared with key stakeholders to clearly communicate the findings of the study. Several meetings were also held with KCC to explore integration with the North-West Quadrant future housing development and to agree next steps for advancing the project. In parallel, Codema submitted a pre-construction funding Expression of Interest (EOI) on behalf of KCC in 2025 to secure development funding and support progression to the next stage.

Feasibility Studies (MEEU)

In 2025, Codema undertook four district heating feasibility studies in Drogheda, Maynooth, Arklow and Dundalk through the Mid-East Energy Unit framework. These studies, delivered on behalf of partner local authorities, were fully funded by the SEAI through the Pathfinder Programme and assess the technical, economic and delivery potential for district heating in each location. Each study included a final report, internal and external summary brochures, a stakeholder communications strategy and supplementary guidance outlining next steps for project development post-feasibility. They form part of a growing regional pipeline of projects to support decarbonisation and sustainable heat development.

Maynooth District Heating Feasibility Study

In 2025, Codema completed a feasibility study for Maynooth on behalf of KCC. The analysis focused on key anchor loads, including Maynooth University, and explored viable low-carbon heat supply options. Geothermal energy was identified as the preferred heat source, with biomass considered a suitable alternative. The study confirmed a clear opportunity for district heating to support decarbonisation in the town and to align with planned growth and future development.

A preferred network route was identified, centred on the university campus and enabling a phased roll-out to nearby schools, public buildings and future developments. The proposed scheme demonstrates strong environmental benefits, with potential to significantly reduce emissions compared to conventional heating systems and deliver long-



term energy efficiency gains. The analysis also highlighted the importance of a phased delivery approach, starting with key anchor loads to establish a viable base network and enabling expansion over time.

Next steps include further geothermal exploration to determine whether sufficient heat is available to support the initial phases of the scheme, alongside continued engagement and meetings with key stakeholders to establish interest in developing district heating.

Drogheda District Heating Feasibility Study

In 2025, Codema delivered a full district heating feasibility study for Drogheda on behalf of Meath County Council and Louth County Council. Building on earlier pre-feasibility work, the study assessed demand and supply options and network configurations, with two distinct scenarios developed for detailed analysis.

The first scenario considered a town-wide district heating network using waste heat recovered from the Indaver Waste-to-Energy plant. This option offers the highest decarbonisation potential and could support a large number of public, commercial and residential buildings across Drogheda. However, due to the scale and complexity of the network, including long pipe routes and the need to cross key infrastructure such as the River Boyne, a phased roll-out would be required, with viability dependent on securing sufficient anchor loads in early phases.

The second scenario assessed a more targeted Thermal

Source Network (TSN), connecting a data centre in central Drogheda directly to Our Lady of Lourdes Hospital. This option focuses on a single large heat user and involves transferring low-temperature waste heat and upgrading it locally using a heat pump. The TSN represents a lower-risk, lower-cost solution that could be delivered in the near term, although it does not enable wider network expansion.

Together, the scenarios highlight both a long-term strategic opportunity for a town-wide district heating network and a shorter-term, deliverable project that can provide immediate carbon savings, supporting Drogheda's transition to a low-carbon energy system. In line with this, Louth County Council submitted an Expression of Interest (EOI) for pre-construction funding to support the development of a town-wide district heating system.

Dundalk District Heating Feasibility Study

In 2025, Codema progressed a feasibility study for Dundalk on behalf of Louth County Council, following the SEAI national methodology for district heating development. The study evaluated a range of low-carbon heat sources and examined routing, delivery constraints and overall techno-economic performance.

Initial findings indicate that a district heating network in Dundalk is both technically and financially-viable, with the potential to deliver low-carbon heat at a lower cost than the counterfactual scenario. The proposed energy centre could be located at Dundalk Institute of Technology, with central air-source heat pumps identified as the preferred heat



source, alongside biomass as a viable alternative. The study was completed in early 2026.

Arklow District Heating Feasibility Study

In 2025, Codema progressed a feasibility study for Arklow on behalf of Wicklow County Council. The study assessed heat demand across two network zones (North and South Arklow), identified existing and planned anchor loads and evaluated suitable low-carbon heat sources, routing options and phased delivery approaches.

Waste heat recovery from two proposed data centres was identified as the preferred heat source in both zones. The proposed layouts and routes were selected based on proximity to anchor loads, constructability, phasing alignment and long-term expansion potential.

Initial findings indicate that district heating in Arklow can be viable but only where planned residential and mixed-use developments are delivered in line with network phasing. The analysis highlights that the financial viability of the scheme is highly-dependent on securing sufficient heat demand from these developments and key anchor customers. Key next steps include securing early commitment from housing developers, aligning district heating with planning and development processes and progressing stakeholder engagement and commercial discussions. The study was completed in early 2026.

Ennis District Heating Feasibility Study

The Ennis District Heating Study, led by Tipperary Energy Agency with technical support from Codema, is funded by the European City Facility (EUCF) and is being delivered on behalf of Clare County Council. The project is developing an investment-ready concept for a district heating network in Ennis and its surrounding areas, assessing technical and financial feasibility and identifying a viable pathway to deliver low-cost, reliable and low-carbon heat. Codema is providing specialist expertise to support the study, which was completed in early 2026.





Building energy efficiency and decarbonisation

DeliveREE

DeliveREE is a Horizon 2020 Project Development Assistance initiative that has developed and demonstrated an innovative delivery model to accelerate the decarbonisation of public sector buildings. The project was established in response to a persistent challenge across Europe, where despite increasingly ambitious climate targets, strengthened policy frameworks and the availability of funding, the delivery of building retrofit projects has remained slow, fragmented and often limited in scale. DeliveREE addresses this challenge by focusing on the design of delivery systems, recognising that the key barrier to progress is not a lack of finance or technical solutions but the absence of clear, structured pathways to move projects efficiently from concept through to implementation and long-term operation.

A central component of the DeliveREE approach is the establishment of a dedicated Project Implementation Unit (PIU) within Codema, which performs a coordinating and oversight role across the full project lifecycle. The PIU supports local authorities by ensuring strategic alignment, maintaining governance compliance, managing documentation and providing continuity between project stages. This enables a shift from ad hoc, project-by-project delivery towards a more systematic and continuous pipeline of decarbonisation projects. The model is underpinned by a contractor-led, performance-based delivery structure, where responsibility for design development, implementation and long-term performance is assigned to the appointed contractor within the contractual framework. At the same time, public authorities retain ownership and strategic decision-making authority, supported by clearly-defined roles for technical advisers, commercial oversight functions and funding bodies.

To support this approach, DeliveREE developed a structured project development pathway, consisting of a defined series of stages from organisation-wide decarbonisation planning and project appraisal through to procurement, detailed design, construction and ongoing operation. This 10-step pathway provides clarity on decision-making processes, approval points and responsibilities, helping to reduce delays, improve coordination and ensure that performance objectives are embedded from the outset. By simplifying decision-making pathways and aligning risk with the parties best placed to manage it, the model enables projects to progress more predictably from identification to contract award and delivery.

A key feature of the DeliveREE model is the aggregation of projects into portfolios of buildings, rather than developing isolated interventions on a building-by-building basis. This approach reduces transaction costs, improves procurement efficiency and creates stronger, more consistent demand signals for the market. It also supports a shift towards whole-building decarbonisation, moving beyond single-technology upgrades to more integrated, performance-focused interventions. Through structured procurement and aggregated pipelines, the project has contributed to strengthening supplier engagement, supporting skills development and encouraging investment in the energy services market.

The DeliveREE model has been tested and refined through live projects and real procurement processes across multiple local authorities. Early implementation highlighted a number of practical challenges, including high bid costs, limited initial market appetite and longer-than-anticipated project development timelines. In response, Codema adapted and simplified the approach, with clearer procedures and more defined roles and responsibilities. The experience also

highlighted the critical importance of institutional capacity, with the PIU playing a key role in coordinating stakeholders, managing complex procurement processes and responding to evolving funding requirements. In addition, Codema identified the interaction between public grant funding and private finance as an important factor influencing project delivery, particularly where grant conditions affected the balance of funding sources.

In terms of delivery, DeliveREE has supported the awarding of approximately €21 million in contracts across five local authorities in the Dublin and Mid-East region, including Energy Performance Contracts and solar PV projects. These projects are expected to deliver emissions reductions of approximately 2,797 tCO₂ per annum. The project has also established a strong pipeline of future projects, with an estimated value of €25 million and additional projected emission reductions of approximately 3,964 tCO₂ per annum. This includes a range of decarbonisation programmes for leisure centres, civic buildings and other public assets across local authorities in Dublin and the Mid-East region, as well as further energy performance and energy supply contracts.

Beyond the immediate delivery of projects, DeliveREE has made a significant contribution to building confidence

among public authorities in adopting performance-based procurement and whole-building decarbonisation approaches. The project has demonstrated that accelerating decarbonisation is achievable when delivery systems are clearly structured, governance processes are streamlined and performance accountability is embedded within contracts. Importantly, the model does not reduce governance or oversight, but instead reduces ambiguity through clearly defined roles, approval stages and structured processes, enabling multiple projects to progress in parallel.

Overall, the primary legacy of DeliveREE is the establishment of a functioning and transferable delivery framework for public sector decarbonisation. This includes an operational PIU, increased institutional capacity within participating organisations, stronger market engagement and a structured approach to project aggregation and delivery. The principles underpinning the model – including standardisation, aggregation, performance-based contracting and clear governance structures – are transferable and can be applied across different regions and governance systems. As such, DeliveREE provides a practical example of how building decarbonisation programmes can be scaled effectively, supporting national and European climate objectives.

Contracts awarded in 2025

Local authority	Description	Contract value (approx)	Carbon impact
South Dublin County Council	Rooftop solar PV framework for SDCC buildings	€0.5 million	79 tCO ₂ /year
South Dublin County Council	Arthurstown Landfill solar PV	€0.3 million	41 tCO ₂ /year
South Dublin County Council	Energy Performance Contracts for leisure and civic buildings (Clondalkin and Tallaght Leisure Centres, County Hall Tallaght, Clondalkin Civic Offices, Civic Theatre, Rua Red)	€9.2 million	908 tCO ₂ /year
Fingal County Council	Solar PV installations at Grove Road Offices, Swords County Hall and Coolmine Depot	€0.3 million	109 tCO ₂ /year
Kildare County Council	Energy Performance Contracts for leisure and civic buildings (Naas Swimming Pool, Athy Swimming Pool and Áras Chill Dara)	€4.9 million	661 tCO ₂ /year
Meath County Council	Energy Performance Contracts for leisure centres (Navan Aura and Trim Aura Leisure Centres)	€5.1 million	788 tCO ₂ /year
Louth County Council	Energy guarantee contract for three buildings (Dundalk Library, Dundalk Museum and Drogheda Fire Station)	€1.1 million	212 tCO ₂ /year (initial call-off contract only)
Total		€21.4 million	2,797 tCO₂ per annum

EPC contract management

In 2025, Codema continued to support a portfolio of Energy Performance Contract (EPC) projects across multiple Dublin Local Authorities, building on work delivered in previous years. This includes ongoing assistance with Measurement and Verification (M&V) and contract management for established EPCs in leisure centres, office buildings and sports facilities. Across these projects, Codema is working with partners to ensure performance targets are met, savings are accurately tracked and contracts are effectively managed throughout their service periods. In parallel, Codema is supporting the evolution of these projects to align with 2030 climate targets, including facilitating discussions on contract extensions, follow-on EPCs and the integration of deeper decarbonisation measures, particularly in relation to heat.

EPC facilitator training

In 2021, Codema was contracted by the SEAI to develop a training course for EPC project facilitators. The aim of the course is to equip public and private sector organisations with the knowledge, tools and skills required to support the implementation of energy performance, energy supply and energy guarantee projects, either within their own organisation or on behalf of clients. The course covers the full project development cycle, including project identification, technical and financial analysis, risk assessment, contract selection, procurement and measurement and verification.

The two-day course comprised seven modules covering: identification of EPC opportunities; presenting EPC projects to clients; communicating the added value of EPCs compared to in-house solutions; procurement processes, including tendering and contract award; key elements of EPC contracts; financing structures and an overview of measurement and

verification. Courses were held on 26-27th May and 5-6th November 2025.

To date, the programme has trained over 100 participants, supporting the development of capacity in the market to deliver EPC and related projects. In addition to the formal training sessions, Codema also provided several hours of mentoring to participants following completion of the course, helping to reinforce learning and support the practical application of the concepts covered.

GEMINI

Codema is the lead partner of the GEMINI (Geothermal Energy Momentum on the Island of Ireland) project. GEMINI is funded under the PEACEPLUS programme and aims to drive geothermal energy adoption across Ireland. The GEMINI project will install two shallow (less than 500 metres) geothermal energy systems - one in Sligo Regional Sports Centre and the other in the Northern Ireland Housing Executive Centre of Excellence, Belfast. A deep (greater than 500 metres) geothermal system will be developed at the Technological University Dublin campus at Grangegorman, with additional investigations for geothermal resources in the Antrim area. The learnings from the project and data from demonstration sites will be used to develop a range of resources that will support the growth of a geothermal energy sector in Ireland, including technical guidance, cost models, planning tools, procurement guidelines and business models.

In 2025, Codema, the Irish Central Border Area Network (ICBAN), Geological Survey Ireland (GSI), the Think-tank for Action on Social Change (TASC) and RML held several meetings to discuss the scope of the Lough McNean study. During the meetings, the team decided to undertake a pre-

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feasibility analysis to establish the study area boundary. This work was undertaken in July 2025 and presented to the project partners in August. For the Belcoo, Blacklion and Kiltyclogher areas, it was deemed feasible to undertake a further techno-economic analysis for a district heating system. For other towns and villages within the candidate areas (including Glenfarne Village), the Linear Heat Density falls too far below the critical threshold to be considered viable for further technoeconomic analysis.

Towards the end of 2025, Sligo County Council (SCC), GSI, Geological Survey Northern Ireland (GSNI) and Codema held meetings to discuss the scope of the Sligo district heating feasibility study. The council recommended narrowing the study's scope to focus on the Decarbonising Zone (DZ) in Sligo town. If available, the study will also use geophysical data from the Sligo Regional Sports Centre geothermal exploration as the basis for the techno-economic analysis. A scope of work is to be developed in early 2026 and the study is expected to begin during the summer of the same year pending council approval.

Citizen-Led Renovation (CLR3)

Citizen-Led Renovation (CLR3) is funded by the European Commission Directorate-General for Energy (DG ENER) and aims to empower local communities with the necessary tools, skills and support systems to take control of energy-related renovation projects, particularly through tailored services provided by energy agencies acting as 'enabling structures'.

As part of CLR3, Codema will support at least three Sustainable Energy Communities (SECs) in the Dublin region to move from 'Plan' to 'Do', to the successful contracting of energy renovation works, as well as engaging in capacity-building, encouraging wider peer-to-peer learning and analysing the local and national legislative frameworks and funding methods to identify opportunities for SECs in the region.

In 2025, work advanced significantly with the SEC recruited to CLR3-Gowran Hall SEC. Throughout the year, Codema supported the community in moving towards coordinated energy renovation of the residents' apartment block, including the development of a clear project roadmap, engagement with technical and procurement pathways and preparation for market engagement.

A key focus in 2025 was also on progressing citizen-led renovation models that are replicable and scalable across Irish communities, with support from the Sustainable Energy Authority of Ireland (SEAI) and in close alignment with the SEAI's SEC programme, where the existing structure and mentor network provide a practical route to support delivery and future rollout.

An Energy Upgrades Buying Club model was developed throughout the year to act as a core delivery mechanism within CLR3. This work focused on establishing a repeatable process to aggregate homeowner demand, support informed decision-making and enable more structured engagement with contractors. A central element of this approach was the development of the 'educated consumer' phase, which will prepare households ahead of procurement and reduce drop-off at later stages.

In parallel, Codema contributed to a range of EU-level CLR3 deliverables, including research on retrofit technologies, procurement models and funding mechanisms, alongside the development of practical tools, templates and guidance. Insights from the Irish pilot activity, particularly Gowran Hall and early Buying Club development, were fed into the wider project to support the development of transferable models for citizen-led renovation across Europe.

Roll-out of Dublin Local Authority EV Charging Strategy

In 2022, the four Dublin Local Authorities (DLAs) published their 2022-2030 Electric Vehicle (EV) Charging Strategy, the first of its kind in this country. The objective of this study was to assess what public infrastructure should be deployed and where, the number of charging points needed and the level of investment that will be required over this decade. The strategy has identified the need for the installation of up to 3,800 public residential electric vehicle charge points (EVCPs) across the county by 2030, led by the local authorities.

In September 2022, Codema was appointed by the four Dublin Local Authorities to develop a process to enable the delivery and ongoing operation of the required quantity of EVCPs. In September 2024, the procurement of a charge point operator for the design, build and operation of fast/rapid destination charge points across the four DLA areas was concluded. A two-year, single-party framework agreement has been signed with ePower with an option to extend for a further four years. The initial project consists of 50 locations across the four DLAs, with up to four charging points in each location. ePower will operate these sites under a concession agreement for a 10-year period.

A Final Business Case was prepared by Codema and submitted to Zero Emission Vehicles Ireland (ZEVI) in December 2025, requesting €6.9 million in capital funding for the enabling infrastructure on this project, including ESB grid connections and associated civil and electrical works. Grid connections for the majority of the 50 sites were secured and paid for in 2025. The ZEVI funding has now been approved and it is expected that the first sites will go live in early 2026.

Large-scale project roll-out

Key outputs for 2025



Over €21 million worth of EPC projects awarded through DeliveREE



Establishment of the Project Implementation Unit (PIU)



ELENA funding application submitted to the European Commission

Large-scale project roll-out - Actions and outputs 2025

Month	Actions	Project support	Outputs
January	Drogheda district heating project kick-off meeting at Meath County Council offices	Drogheda district heating	Presentation
February	Held a kick-off meeting for the KCC EPC for Áras Chill Dara, K Leisure Naas and K Leisure Athy	MEEU	Presentation
	Presentation of findings from the Westside DZ district heating feasibility study to GCC, UHG, UG and SEAI	SEAI District Heating Feasibility How to Guide	Presentation
	Presented the BDHS to Minister Jack Chambers on behalf of FCC	BDHS	Presentation
	Stakeholder meeting held on the BDHS with FCC, TU Dublin, HSE, Sports Ireland and the IDA	BDHS	Presentation and technical guidance document
March	Submitted the first draft of the Naas District Heating Feasibility Study to KCC	Naas district heating	Report and presentation
	Held a kick-off meeting for the Maynooth District Heating Feasibility Study	Maynooth district heating	Presentation
	Arklow district heating project kick-off meeting at Wicklow County Council offices	Arklow district heating	Presentation
	Site visit to Tallaght University Hospital to explore potential integration with the Tallaght District Heating Scheme	Heat Works	Site visit
	Competitive dialogue with two ESCos for the SDCC EPC	DeliveREE	Site visits and workshop
April	Held a kick-off meeting for the MCC EPC for Aura Navan and Aura Trim sites	MEEU	Presentation
	Presented the BDHS scheme to Minister Darragh O'Brien	BDHS	Presentation
	Secured letter of intent with key heat customers and suppliers for the BDHS	BDHS	Signed letters of Intent
May	Site visit to Our Lady of Lourdes Hospital in Drogheda to assess its potential for connection to a district heating scheme	Drogheda district heating	Site visit

Month	Actions	Project support	Outputs
May	Site visit to the Eir data centre in Drogheda to assess its potential as a heat source for the region	Drogheda district heating	Site visit
June	Pre-Qualification Questionnaire published on eTenders to establish a Multi-Party Framework for the provision of services for the design, installation and proof of savings of energy conservation and decarbonisation measures for buildings across the MEEU	MEEU	PQQ published on eTenders
	Submitted the final draft of the Naas District Heating Feasibility Study, including an internal and external summary brochure	Naas district heating	Final report, two summary brochures and supplementary guidance
	Competitive dialogue with two ESCOs for the KCC EPC	MEEU	Site visits and workshop
	Site visit of the Indaver facility in Meath to assess its potential as a heat source for the region	Drogheda district heating	Site visit
	Site visit of Maynooth University to assess its potential for connection to a district heating scheme	Maynooth district heating	Site visit
	Single-party framework established for the provision of rooftop solar PV on SDCC buildings	SDCC PV framework	Contract awarded
July	Dundalk DH project kick-off meeting at Louth County Council offices	Dundalk district heating	Presentation
	Held a workshop with Heat Works, TUH and SDCC to explore connecting TUH to the TDHS	TDHS	Workshop
	BDHS project board meeting organised	BDHS	Meeting
	Presented the findings from the Lough McNeen pre-feasibility study to RML and GSI	GEMINI	Presentation
	Contract awarded for 200 kW solar PV system at Arthurstown Landfill	Arthurstown small-scale	Contract awarded
	Attended the Dublin District Heating System procurement and contracting workshop	–	Contributor
August	Presented the Limerick district heating pre-feasibility analysis to TEA	–	Presentation
	Competitive dialogue with two ESCOs for the MCC EPC	MEEU	Site visits and workshop
September	Gateway 2 Detailed Business Case submitted to ZEV/DoT for DLA Destination EV Charging funding	DLA EV Charging	Business Case for funding
	Submitted a tender with Tipperary Energy Agency for the Limerick district heating feasibility project	–	Tender response
	Contributed to the LIFE funding application with several EU partners for the 'CONFIDENCE' project	–	Funding application

Month	Actions	Project support	Outputs
September	Competitive dialogue commenced with qualified tenderers to establish a Multi-Party Framework for the provision of services for the design, installation and proof of savings of energy conservation and decarbonisation measures for buildings across the MEEU	MEEU	Report
	RODEO workshop held in Tallaght to explore local stakeholder engagement processes in the TDHS	RODEO	Workshop held
October	Attended the kick-off meeting for the Ennis district heating feasibility project at Clare County Council offices	Ennis district heating	Presentation
	Attended the National Geothermal Summit at the Department of Climate, Energy and the Environment	–	Conference
	Presented to the Mid-West Energy Unit on district heating	Limerick district heating, Ennis district heating	Presentation
	Attended RODEO project partner meeting in Ostende, Belgium	RODEO	Attendance and participation at consortium meeting
November	Submitted a pre-construction fund application for the BDHS	BDHS	Funding application
	Attended and presented at the IrDEA conference in Dublin	–	Conference presentation on Codema's district heating feasibility projects and guidance
	Submitted a pre-construction fund application for the Naas district heating scheme	Naas district heating	Funding application submitted
	Contract awarded for SDCC EPC for six buildings	DeliveREE	Contract awarded
	RODEO workshop held in Tallaght to set out a communication strategy for residents	RODEO	Workshop held
December	Submitted the first draft of the Drogheda District Heating Feasibility Study to MCC and LCC	Drogheda district heating	Report
	Submitted the first draft of the Maynooth District Heating Feasibility Study to MCC and LCC	Maynooth district heating	Report
	Awarded a tender to bring in a commercial adviser for the BDHS on behalf of FCC	BDHS	Tender awarded
	Contract awarded for KCC EPC	MEEU	Contract awarded
	DLA Pathfinder Steering Group meeting to review the 2025 Pathfinder Project Selection Report. Steering Group reviewed and approved proposed projects.	-	Project Selection Report signed by Steering Group members
	Request for funding drawdown submitted to SEAI on behalf of the four DLAs for Pathfinder support for 33 projects across Dublin	-	Request for drawdown and supporting documentation submitted to SEAI
	Gateway 3 Final Business Case submitted to ZEV/DoT for DLA Destination EV Charging funding	DLA EV Charging	Business Case for funding



Best-practice engagement and dissemination

At Codema, we recognise that the barriers around climate action are often not technical but instead relate to the social, organisational, institutional and cultural challenges that need to be fully understood, in order to make solutions a reality. We understand that we need to meaningfully engage with local stakeholders and the public and actively involve them in how we move Dublin away from fossil fuels. We do this through tailored and innovative public engagement and communication techniques, ensuring that the process is transparent, fair and inclusive and that the most marginalised communities can have their voices heard.



Local engagement in Decarbonising Zones

Clondalkin Decarbonising Zone (DZ)

At the start of 2025, Codema's Public and Stakeholder Engagement and Energy Planning teams conducted the final engagement activities to deliver the DZ plan for Clondalkin on behalf of South Dublin County Council. These activities included two DZ consultation group workshops attended by participants who had previously engaged in, and wished to continue contributing to, the development of the draft DZ plan. Both workshops were held in the ACE Enterprise Park meeting rooms in North Clondalkin. Seventeen stakeholders attended the first workshop, while eight attended the second.

Following the collection and analysis of feedback and input gathered during these workshops, the draft DZ plan was developed. To ensure that the views and concerns of citizens living, working or studying in Clondalkin had been adequately captured, a final community event was held to allow citizens to review the revised draft plan. The event was held in the Round Tower Visitor Centre in the centre of Clondalkin village and was open for all community members on a drop-in basis. This format was chosen to ensure that those who had not participated during the workshop process still had the opportunity to contribute to the DZ plan. The DZ plan marked the end of an engagement process that was central to ensuring that the aspirations and needs of the community were captured by including locally-based climate solutions..

Dún Laoghaire and Blackrock DZ

In April 2025, Codema's Public and Stakeholder Engagement team began working with Dún Laoghaire-Rathdown County Council (DLRCC) to support them in carrying out a best-practice engagement process in the Dún Laoghaire and Blackrock DZ. Building on experience gained from engaging communities in DCC's and SDCC's DZs and customising the engagement approach to best fit the Dún Laoghaire-Blackrock stakeholders and local context, the team carried out a targeted engagement approach to ensure the DZ plan reflected the view of key stakeholders, including local residents and major commercial and public sector organisations within the area.

The engagement approach adopted to develop the DZ plan comprised a structured series of steps designed to support

meaningful stakeholder participation and informed input. This included strategic stakeholder outreach, capacity-building measures to support participation through the provision of sectoral information packs, two sectoral workshops focused on the residential and commercial sectors and expert input provided during each workshop. Analysis of stakeholder feedback led to the subsequent refinement of 'Enabling Tasks' (ETs) after each workshop, which helped to break down larger actions to achieve climate reduction measures.

Sectoral workshops formed the core of the engagement process. Given the overlap of transport-related actions across both the residential and commercial sectors, transport ETs were incorporated into these workshops rather than addressed through a standalone session. This workshop-based approach was selected as it enables detailed discussion, encourages critical thinking and allows participants to engage deeply with complex and technical material such as the ETs.

Strategic stakeholder outreach secured participation from key residential and commercial stakeholders, supported by a strong focus on capacity-building as a central element of the engagement approach. Participants were provided with information packs in advance of the workshops, offering background on the DZ and the ETs. In addition, expert speakers contributed to the workshops, enhancing stakeholder understanding and supporting informed discussion. This approach enabled participants to engage more effectively in deliberative processes by providing the necessary context and knowledge, supporting more considered and substantive contributions. It also promoted equity in participation by ensuring all stakeholders, regardless of prior familiarity with climate action topics, were equipped to contribute meaningfully.

Work planned for 2026 to close out this engagement process includes a final combined stakeholder event and planned presentations to the Climate Strategic Policy Committee and council meeting.

Raytown Energy Dock

In October 2025, Codema opened an energy advice clinic in the Ringsend and Irishtown Community Centre (RICC). The objective of the office is to support people in their energy saving journey and increase people's engagement and confidence in energy saving and efficiency. The office is open every Thursday morning to visitors and Codema staff are available to provide advice on everything from energy bills to home energy upgrades. As part of the initial "soft launch" of the office, leaflets and posters were designed and distributed around the local area and four energy awareness events were held in the RICC to introduce the office and support people with their energy bills. The office will be officially launched in May 2026, supported by a communications and PR campaign. The service will continue through to the end of 2026 with the aim to secure funding into 2027. This initiative is currently supported through the REGEN project, which aims to find innovative solutions and promote climate action to improve local areas.



E2-CUTIES

From January 2025, Codema commenced work on the Interreg NWE project E2-CUTIES (Engaged Energy Communities in Urban Areas with Technology Integrated Energy Systems). The project aims to empower local energy communities through the development of a step-based roadmap and a methodology for creating investment propositions, both designed to help energy communities overcome common challenges. It focuses on fostering new public-civic partnerships between the Balbriggan Sustainable Energy Community (SEC) and Fingal County Council. This approach will support Fingal County Council's Decarbonising Zone in Balbriggan by facilitating co-creation activities with the community, leading to the identification and prioritisation of climate actions for the local area.

Engagement activities conducted during 2025 focused on preparatory work, ensuring key stakeholders were engaged early in the project to build initial support. Time was dedicated to developing an understanding of the community, exploring the opportunities presented by the project and presenting the process to a broader cohort of key strategic stakeholders. The project was presented to Fingal County Council's internal Climate Action Plan Implementation Team, the regional SEC coordinator (KSN Energy), SEAI, the Our Balbriggan Leadership Group and the Creative Balbriggan Programme Manager.

Think Energy

Think Energy is Codema's energy saving campaign and aims to share easy and accessible ways for the public to take charge of their energy use, wherever they live or work. We do this so that more people can enjoy more affordable, healthy and sustainable surroundings in their day-to-day lives.

Home Energy Saving Kit

The Home Energy Saving Kit was developed by Codema and contains five practical tools to help you save energy and identify possible problem areas in your home that may need to be addressed. The scheme has been running very successfully since it was first piloted in Dublin City Council Public Libraries in 2016. The Home Energy Saving Kit scheme expanded even further in 2025, with additional kits developed and distributed to libraries, community groups and private / commercial clients, bringing the total number of HESKs in circulation across Ireland to 688.

Many of these were added to the public libraries network, meaning that the public could access extra kits from these library branches during the crucial winter months of 2025. It is also worth noting that several of these kits were sent to public sector and private organisations as part of internal staff loan schemes.

A suite of support materials was also provided for libraries and other organisations who received a kit during 2025. These included tailored handbooks for each group type, promotional posters and copies of Codema's "100 Ways to Save Energy at Home" guidebook.

As in previous years, three lively and informative training sessions were provided for almost 70 kit managers and owners to equip and empower them with the right knowledge about the Home Energy Saving Kit, alongside energy efficiency tips and tricks. These training sessions were very positively received and resulted in lively question and answer sessions at the end of each webinar.



New promotional material was also created for libraries and other host organisations, which were distributed after these training sessions, as per requests.

Resources

In 2025, a social media and digital strategy was created for Think Energy and presence on the corresponding social media accounts was prioritised.

Throughout 2025, further updates were made to the Think Energy website, with new resources created and uploaded. These resources offer accessible tips and additional resources to help individuals and communities take control of their energy use and included an energy saving checklist for the home, a similar checklist for the office, a draughts, damp and mould worksheet, as well as updated resources on SEAI grants.

Energy awareness events and activities

Building on the success of previous years, we continued to provide a range of energy awareness events and services on behalf of the local authorities and communities across Dublin and the Mid-East region, to the Commission for Communications Regulation and to other public sector organisations including the Department of Education and Youth. The team participated in a variety of in-person events, engaging with individuals, community groups and local authorities to promote energy efficiency and climate action.

Key energy awareness events in 2025 included:

- HESK demonstration at Kildare County Council Staff Energy Awareness Event - 29th April
- Save Energy at Home event in Malahide Library for Dublin Climate Action Week - 13th May
- Energy Tune-Up Clinic in conjunction with Dún Laoghaire–Rathdown County Council for Dublin Climate Action Week - 14th May
- Two Tallaght District Heating Scheme tours for Dublin Climate Action Week - 15th May
- Save Energy at Home Event at Lucan Library for Dublin Climate Action Week - 15th May
- Balbriggan Warmer Homes event with Balbriggan Sustainable Energy Communities - 17th September
- HESK workshop with Tallaght Library - 24th September
- How to be Energy Smart at Home event with Dún Laoghaire–Rathdown County Council - 27th September
- Meath County Council Climate Action Energy Evening - 8th October
- Louth County Council Climate Action Week HESK pop up event - 13th October
- Energy efficiency and awareness workshop with the Commission for Communications Regulation - 14th October
- HESK demo and energy efficiency events with Dublin City Public Libraries, Rathmines and Walkinstown - 17th and 29th October
- HESK and energy pop-up event with Ringsend and Irishtown Community Centre - 28th October
- Home Energy Saving Kit demo and energy efficiency tips workshop with Ringsend and Irishtown Community Centre staff - 5th November
- Fingal County Council energy pop up events for staff - 10th and 13th November
- South Dublin County Council staff pop up energy event - 25th November
- Home Energy Saving Kit and energy efficiency workshop with the Department of Education and Youth staff - 26th November
- Home Energy Saving Kit training for libraries and kit managers - 18th, 26th November and 2nd of December
- Home Energy Saving Kit demo with Ringsend and Irishtown Community Centre - 4th December



District heating communication

District heating feasibility studies

In 2025, Codema developed four district heating feasibility studies for Drogheda, Maynooth, Arklow and Dundalk. Effective stakeholder engagement is an essential component to delivering studies based on good quality data provided by relevant stakeholders. For this reason, the Communications and Marketing team supported the District Heating team in developing strategies for effective communication and engagement with stakeholders.

This work included an internal workshop with members of the District Heating team and others working on district heating-related projects to understand the main challenges in communicating with stakeholders and explore new approaches. This informed an internal guidance document for stakeholder engagement during data collection to be trialled by members of the team working on the feasibility studies.

As part of the deliverables for the feasibility studies, the Communications and Marketing and Public and Stakeholder Engagement teams also developed a District Heating Stakeholder Engagement Plan setting out the key steps and considerations for meaningful stakeholder engagement in heat network development, should the projects develop past the feasibility stage. For the two feasibility studies that were completed in 2025 (Drogheda and Maynooth), two summary brochures - one internal and one external - were also developed for each of the studies. Additionally, input was provided for the stakeholder engagement sections of the final studies. The Arklow and Dundalk studies will be finalised in early 2026.

Event management and facilitation

Decarbonising Dublin Summit

The Decarbonising Dublin Summit is a key event within Codema to bring communities and stakeholders together to explore challenges and opportunities for Dublin to meet its climate and energy targets.

Due to great interest and demand from the inaugural summit in 2024, the 2025 Decarbonising Dublin Summit took place on Tuesday, 21st October at a new, larger venue - the 1872 space at the Aviva Stadium.

The Decarbonising Dublin Summit is Ireland's only event to focus solely on the Dublin region and sets out to explore the challenges and opportunities for the capital to meet its climate and energy targets towards 2030 and 2050, along with highlighting best-practice case studies to draw inspiration from. The summit sets out to foster engaging and insightful discussion on how Dublin can become a leading European capital on climate mitigation. This summit also offers a great opportunity to develop partnerships with like-minded stakeholders and communities looking to take action.

Overall, the 2025 summit was very successful, with 162 attendees on the day, five event sponsors, 18 expert speakers and four dedicated sessions focusing on areas such as 2030 priorities, local community impact and fair and innovative solutions. Feedback from attendees was overwhelmingly positive, with participants particularly praising the diverse range of speakers and topics, strong audience engagement and the event's welcoming and inclusive atmosphere - highlighted by features such as a dedicated sensory space and an accessible "know before you go" guide.



Your Voice, Dublin's Energy Future survey

In advance of the Decarbonising Dublin Summit, Codema launched the Your Voice, Dublin's Energy Future survey to gain a better understanding of how people in Dublin feel about their energy use. The survey ran from May to September 2025 and received 687 fully-completed responses, providing key insights into how the public want energy to be used and produced in Dublin, how to move away from fossil fuels and which actions to prioritise first.

The survey found that the roll-out of renewable energy technologies (61%), energy efficiency upgrades for homes and buildings (56%) and better access to public transport (51%) were the three most important actions to carry out within the capital.

It also provided important insights into people's behaviour around energy, with 81% of survey respondents saying they have avoided turning on the heating or using appliances to save on energy bills. Within this, almost half (46%) do this at least once a week. Additionally, at 44%, cost concerns outranked climate and comfort as the top driver of everyday energy choices.

Another key finding was that while 78% of survey respondents felt that the current Government is most responsible for moving Dublin away from fossil fuels, 64% were not at all confident in their ability to deliver on climate action. Meanwhile, 68% said they rarely or never have a say on climate action initiatives in their local community.

The full analysis of survey results was provided in a survey report and the findings were presented at the Decarbonising

Dublin Summit and later distributed to key stakeholders. These survey results will help to shape the direction of Codema's work and key priority areas into the coming years.

EU project communications

As part of Codema's involvement in European projects, the Communications and Marketing team is responsible for local communications and for sharing news and progress related to the project.

DeliveREE

The DeliveREE EU project aims to create an innovative project finance and delivery structure for energy efficiency and renewable energy projects in the Dublin region, across the four Dublin Local Authorities, using various performance-based contracting structures.

As part of the DeliveREE project, Codema organised a webinar in April 2025 - How to develop an Energy Performance Contract (EPC) project. It covered the standardised procedures and templates developed by Codema during the DeliveREE project and how they can be used to deliver decarbonisation projects, taking EPC projects from inception through to procurement and beyond. The webinar had 49 attendees from a variety of organisations, councils and government departments.

The webinar was followed by two DeliveREE newsletters promoting the project and circulating the April webinar's resources and presentation slides.



DISCO

In 2025, Codema was delighted to become a partner in the DISCO project, funded through the EU Interreg Europe programme. DISCO brings together nine partners from across Europe to share knowledge and experience on capturing and reusing waste heat in district heating and cooling systems, while also supporting the development of policies that enable these solutions.

To help promote the project, its aims and its progress in 2025, the team carried out the following dissemination activities:

- Project poster printed and displayed in the Codema office
- Created the local DISCO project page on the Codema website
- Shared project updates across Codema's social media channels
- Distributed and promoted the DISCO project newsletter locally
- Created and shared three project-related news articles
- Included references to the DISCO project in three Codema newsletters

RODEO

The RODEO project is an Interreg NWE project made up of nine project partners and four pilot sites that aims to accelerate the expansion of district heating networks to the residential sector. The Dublin pilot centres on the Tallaght District Heating Scheme (TDHS), with South Dublin County Council (SDCC) joining Codema as a partner on the project.

Several stakeholder engagement-related activities were carried out in 2025, including:

- Five stakeholder interviews conducted by project partner

Hanze in 2025, comprising Codema, SDCC and Heat Works staff.

- Two workshops held in September and November to explore areas such as stakeholder engagement and communication with households connected to the TDHS, opportunities and challenges around stakeholder engagement and looking at roles and responsibilities for those involved in the TDHS.
- A presentation on Codema's approach to stakeholder engagement in district heating projects at the RODEO consortium meeting in Ostende in October.

In addition, the following communication activities were carried out:

- Project poster printed and displayed in the Codema office
- Created the local RODEO project page on the Codema website
- Shared project updates across Codema's social media channels
- Created and shared one project-related news article
- Included references to the RODEO project in one Codema newsletter

E2-CUTIES

As mentioned earlier in this chapter, Codema is a partner on the E2-CUTIES project aiming to empower local energy communities.

The following communication activities were carried out for the E2-CUTIES project in 2025:

- Project poster printed and displayed in the Codema office
- Created the local E2-CUTIES project page on the Codema website



- Shared project updates across Codema's social media channels
- Created and shared one project-related news article
- Included references to the E2-CUTIES project in one Codema newsletter

REEF

REEF is an Interreg Europe project made up of nine project partners aimed at supporting public authorities at a local and regional level to apply the principle of Energy Efficiency First across relevant policy areas to meet climate targets. South Dublin County Council is a part funder and Associated Policy Authority on the project.

The following communication activities were carried out for the REEF project in 2025:

- Project poster printed and displayed in the Codema office
- Created the local REEF project page on the Codema website
- Shared project updates across Codema's social media channels
- Created and shared one project-related news article
- Included references to the REEF project in one Codema newsletter

MultiRoofs

MultiRoofs is an Interreg NWE project identifying how we can make the most of roofspace in cities by using roofs in multi-functional ways, including for renewable energy production, to increase biodiversity, improve air quality, mitigate against the impact of flooding and provide living spaces for communities. Codema is working with 13 project partners across six pilot sites on the project.

The following communication activities were carried out for the MultiRoofs project in 2025:

- Project poster printed and displayed in the Codema office
- Created the local MultiRoofs project page on the Codema website
- Shared project updates across Codema's social media channels
- Created and shared one project-related news article
- Included references to the MultiRoofs project in one Codema newsletter

Citizen-Led Renovation (CLR3)

Citizen-Led Renovation (CLR3) is funded by the European Commission Directorate-General for Energy (DG ENER) and aims to empower local communities with the necessary tools, skills and support systems to take control of energy-related renovation projects, particularly through tailored services provided by energy agencies acting as 'enabling structures'.

As part of our work as one of CLR3's 'enablers', supported by the Sustainable Energy Authority of Ireland (SEAI), Codema organised a targeted webinar for Sustainable Energy Communities (SECs) in the Dublin and Mid-East region. The aim of the webinar was to introduce the Energy Upgrades Buying Club model for SECs being developed as part of CLR3, as well as to elicit meaningful feedback from the communities present and their mentors and for more experienced communities to share their learnings from their own projects.

The webinar was attended by 28 community members from 22 SECs from across the Dublin and Mid-East region, as well as by six SEAI SEC Programme mentors and the concept and potential process for Energy Upgrades Buying Clubs received positive support and interest from the communities present.

Best-practice engagement and dissemination

Key outputs for 2025



**New energy advice clinic
- the Raytown Energy Dock -
established**



**Facilitated 15 workshops /
events**



**162 attendees at the
Decarbonising Dublin Summit**

Best-practice engagement and dissemination - Actions and outputs 2025

Month	Actions	Project support	Outputs
January	Application submitted to the Business and Finance ESG Awards in the Diversity, Equality and Inclusion category	–	Codema shortlisted in Diversity, Equality and Inclusion category
	Clondalkin DZ Consultation Group workshop 1	Clondalkin DZ	17 community representatives in attendance
February	Co-organised and hosted a peer-to-peer event on community engagement and citizen finance in the energy transition with GNE Finance	GNE Finance	Hosted representatives from 10 EU Cities. Included presentations from Democratic Society and Bohemian Football Club Climate Co-Op.
March	Clondalkin DZ Consultation Group workshop 2	Clondalkin DZ	8 community representatives in attendance
	Submission to the PWC Business Post Sustainable Business Awards	–	Codema shortlisted in Social and Equality category and winner of the Social and Equality Business Leader Award for our CEO
	Codema's CEO Donna Gartland awarded The Irish Times Positive Impacts Award for 2025	–	Award presentation and ceremony
	Clondalkin DZ presentation to local councillors	Clondalkin DZ	Presentation on the discussions and outcomes from the Clondalkin DZ visioning and Consultation Group workshops
	Clondalkin DZ wider community event promotion	Clondalkin DZ	Community event promoted via direct email, local media and leaflet drop across the wider Clondalkin area
	Clondalkin DZ wider community event	Clondalkin DZ	Wider community drop-in event held for the Clondalkin DZ. Twenty-nine members of the community provided feedback on the DZ plan.
April	DeliveREE learning webinar organised and delivered	DeliveREE	DeliveREE webinar delivered on how to develop an EPC project
	Developed an interim communications strategy for the Blanchardstown District Heating Scheme	–	Key Stakeholder Communications Strategy developed for the Blanchardstown District Heating Scheme and shared with project board

Month	Actions	Project support	Outputs
April	Supported district heating team with stakeholder engagement during feasibility studies	–	Internal workshop delivered with members of the District Heating and Project Implementation teams to gather insights on current engagement processes and provide guidance for improving communication and engagement techniques
	Dún-Laoghaire - Blackrock DZ project kick-off meeting	DLRCC DZ	Meeting with the DLRCC's Climate Action Team to plan upcoming work
	KCC Energy Awareness Day	–	HESK stand at KCC Energy Awareness day
April - May	Dublin Climate Action Week website fully updated on behalf of DLAs	–	DCAW event programme launch live on website
May	Launch of the Your Voice, Dublin's Energy Future survey during DCAW	–	Survey ran from May - September, with a total of 687 fully-completed responses from the public
	Developed promotional plan for gathering Your Voice, Dublin's Energy Future survey responses	–	Suite of social media assets created, outreach emails sent to key target groups along with a promotional pack, posters designed and sent to libraries and displayed at Codema events
	Attendance at DCAW 2025 launch	–	DCAW 2025 official launch and kick off in Malahide Castle
	Save energy at home DCAW event in Malahide Library	–	Home Energy Saving Kit demonstrated and range of energy-saving material displayed at event
	Bike repair workshop event organised for DCAW	–	Bike repair workshop held for the public, covering areas such as basic repairs, maintenance and safety
	Participated in DLRCC's Energy Tune-Up Clinic event for DCAW	–	Codema display stand with a range of energy-saving information
	Organised 2 x tours of the Tallaght District Heating Scheme as part of DCAW	–	Both tours sold out, approx 20 participants in each tour
	Save energy at home event in Lucan Library, as part of DCAW	–	Demonstration of the Home Energy Saving Kit to library users and energy-saving information provided
	Submission to Chambers Ireland Sustainable Business Impact Awards	–	Codema shortlisted in the Health and Wellbeing category
	Attendance at the Workplace Excellence Awards, with Codema nominated in two categories	–	Awarded Best Place to Work at Workplace Excellence Awards
July	Submission to Business and Finance Awards in the Environmental, Social and Governance category	–	Codema shortlisted as a finalist in award category
	Developed a summary brochure for key stakeholders for the Naas District Heating Feasibility Study	–	Summary brochure developed on behalf of KCC. Copies of the brochure printed and distributed at the IrDEA conference in November.
	CLR3 Buyers Club online workshop delivered	CLR3	CLR3 Buyers Club online workshop delivered to 28 attendees from 22 different Sustainable Energy Communities from across the region

Month	Actions	Project support	Outputs
August	Presentation to KSN Energy to share objectives of E2-CUTIES and foster future collaboration	E2-CUTIES	Presentation on the E2-CUTIES project to KSN Energy to support collaboration on SEC advancements
August - September	Development of the residential introductory information pack for the Dún Laoghaire-Blackrock DZ	DLRCC DZ	Pack distributed to improve stakeholders' understanding of the DZ
August - October	Development of the residential enabling tasks information pack for the Dún Laoghaire-Blackrock DZ	DLRCC DZ	Information pack shared before the residential workshop to help stakeholders prepare for discussion
September	Presentation given to SEAI to share objectives of E2-CUTIES and foster future collaboration	E2-CUTIES	Presentation on the E2-CUTIES project to SEAI to support collaboration on SEC advancements
	Facilitated workshop session during the consortium partner meeting in Utrecht for E2-CUTIES	E2-CUTIES	Input gathered from project partners to help inform the initial development of A1.4 "The Local Pilot Plan template"
	Supported district heating team with stakeholder engagement during feasibility studies	–	Internal guidance document for stakeholder engagement during data collection developed and shared with District Heating team
	Organised and facilitated first REEF project stakeholder workshop	REEF	Two-hour workshop facilitated with key stakeholders from SDCC
	Presentation given on the HESK and energy saving measures for the home in partnership with Warmer Homes and Balbriggan Sustainable Energy Communities	–	15 attendees were guided through the use of the HESK and given practical information and advice on reducing energy use at home
	Presentation in Tallaght Library on behalf of South Dublin Libraries on how to use the HESK and general home energy-saving tips	–	22 attendees engaged
	Presentation on draughts, mould, damp and energy-saving tips delivered at DLRCC's How to Be Energy Smart at Home event, with a Q&A information stand available	–	Members of the public received advice on common winter energy issues, HESK use and individual energy queries
September - October	Your Voice, Dublin's Energy Future survey closed and results analysed	–	Analysis of 687 fully-completed responses carried out
September - December	New promotional / energy saving leaflets and worksheets created covering: - Preventing draughts, damp and mould in the home - SEAI home energy upgrades - Energy saving worksheet for offices - Energy saving worksheet for home - HESK tools overview - HESK tools explained - HESK promotional materials created and updated	–	Clear, accessible resources produced to support energy saving, healthier homes and greater engagement with the HESK

Month	Actions	Project support	Outputs
October	Presentation given to Our Balbriggan leadership group to share objectives of Balbriggan DZ and E2-CUTIES	E2-CUTIES	Stakeholder relationships strengthened within the Balbriggan DZ, with increased awareness of the Balbriggan DZ and E2-CUTIES project
	Opened the Raytown Energy Dock as part of the REGEN project	REGEN	Free energy advice clinic opened in the Ringsend and Irishtown Community Centre, providing the public with support relating to energy bills and home energy upgrades
	Public information stand on the HESK / energy saving, as part of Meath County Council's Climate Action energy evening	-	Event attendees received advice on HESK use and individual energy queries
	Presentation given to ComReg staff on energy efficiency at home and at work	-	60 ComReg employees engaged on energy saving tips for home and work
	Collaboration with AlanJames Burns and their team to improve the accessibility and inclusivity of the Decarbonising Dublin Summit	-	Know Before You Go guide developed for attendees, sensory space designed and set up to allow attendees to take a break and connect with nature, AlanJames Burns invited as a speaker to share their experience
	Second Decarbonising Dublin Summit held in the Aviva Stadium	-	Fully sold-out event, 162 in attendance, 18 expert speakers presenting, four interactive sessions held
	Your Voice, Dublin's Energy Future survey findings presented for the first time at the Decarbonising Dublin Summit	-	Findings of the survey presented at the Decarbonising Dublin Summit as part of the opening session
	Developed and implemented a promotional and outreach plan for the Your Voice, Dublin's Energy Future survey results	-	Over 200 outreach emails sent to key target audiences including: - Advocacy groups - Community groups/SECs - Govt departments/state agencies - Elected members Suite of social media assets created to share results on LinkedIn, survey report shared with DDS attendees and in Codema newsletter
	Pop-up energy advice stand in Ardee Library as part of Louth County Council's Climate Action Week	-	Information given on the HESK and general energy efficiency for the home
	Presentation given in Walkinstown and Rathmines Libraries on how to prevent draughts, damp and mould, alongside a HESK demo, as part of DCC's SDG month	-	Attendees given advice on draughts, damp and mould, along with information on using the HESK and associated energy efficiency tips
	Energy stand with HESK display at the Ringsend and Irishtown Community Centre's Demons and Dockers event	REGEN	Energy efficiency tips and information given to attendees
	Presented on Codema's approach to stakeholder engagement at the RODEO partner meeting in Ostende, Belgium	RODEO	Presentation given to project partners

Month	Actions	Project support	Outputs
October - November	Development of the commercial introductory information pack for the Dún Laoghaire - Blackrock DZ	DLRCC DZ	Information pack distributed to improve stakeholders' understanding of the DZ
	Development of the commercial enabling tasks information pack for the Dún Laoghaire - Blackrock DZ	DLRCC DZ	Information pack shared before the commercial workshop to help stakeholders prepare for discussion
November	Two energy pop-up stands with the HESK and energy advice for FCC staff members	–	FCC staff members given advice on HESK use, general energy efficiency tips and advice on individual energy concerns
	Delivery / facilitation of the Dún-Laoghaire - Blackrock DZ residential workshop	DLRCC DZ	17 residential stakeholders attended to discuss and provide feedback on the residential enabling tasks in the Dún-Laoghaire - Blackrock DZ Plan
	Delivery / facilitation of the Dún-Laoghaire Blackrock DZ commercial workshop	DLRCC DZ	13 commercial stakeholders attended to discuss and provide feedback on the commercial enabling tasks in the Dún-Laoghaire - Blackrock DZ Plan
	Pop-up energy clinic at County Hall, Tallaght in partnership with SDCC	–	Information and advice provided to SDCC staff on energy saving in the home, home energy upgrades, the HESK and advice on general energy concerns
	HESK demonstration and energy efficiency tips presented to the Department of Education staff	–	Department of Education staff members given advice on HESK use, as well as general energy efficiency tips and advice on individual energy concerns
	Presentation given to Ringsend and Irishtown Community Centre staff on the HESK and energy efficiency in the home	REGEN	Ringend and Irishtown Community Centre staff were guided through the use of the HESK and given practical information and advice on reducing energy use at home
	Presentation organised and given to the Ringsend community on energy bills and savings in collaboration with UCD	REGEN	One-hour presentation provided on the UCD Energy Cost Calculator and a HESK demo
	Provided 2 x HESKs for FCC staff loan scheme	–	FCC provided with 2 HESKs for staff loan scheme, with 47 staff members signed up
November - December	Provided 2 x HESKs for DCC staff loan scheme	–	DCC provided with 2 HESKs for staff loan scheme
	Three HESK trainings delivered to library, local authority and other staff on how to use the kit, energy saving tips, resources and management	–	69 attendees in total trained and more knowledgeable on the use of the HESK
December	HESK demonstration and general energy efficiency and awareness presentation at the Raytown Energy Dock	REGEN	Members of the public received advice on how to use the HESK
	Developed a stakeholder communications plan to be delivered alongside the four district heating feasibility studies in Drogheda, Maynooth, Arklow and Dundalk	–	District Heating Stakeholder Communications Plan developed and attached to the Drogheda and Maynooth studies in 2025 and to accompany the Arklow and Dundalk studies in 2026



Project management and development

One of our key areas of expertise in Codema is the development, management and reporting of EU and nationally-funded projects. We have almost 30 years' experience leading and participating in projects from various European and Irish funding streams across a diverse range of energy and climate-related topics. We are experts in project idea development and application writing, and we have experience participating in and leading established consortiums.

All our projects aim to support our overall strategy and enable us to undertake research, develop low-carbon solutions, advise on emerging climate policy and ensure value for money for our local authority partners.



National and EU project management

Developing and managing EU and nationally-funded projects is a specialised area that involves specific knowledge of the relevant funding streams, programme rules and allowable expenditure and the reporting of finance and deliverables. As of 2025, Codema was involved in 11 national and EU-funded projects, leading two of these (DeliveREE and GEMINI) and was a partner in the remaining nine projects.

Leading a project involves managing all stakeholders - the funding body, the partnership and wider stakeholders. It also involves interpreting the work programme, mitigating risks, developing solutions that are acceptable to both partners and the funder and to ensure that the project is delivered as per the grant agreement and has the positive impacts envisioned. It also requires the lead partner to manage all the partners' financial claims and to pay them in a prompt manner.

As a partner on a project, we need to manage our own financial claims, responsibilities in the project and make sure the project aligns with Codema's strategy. When local authorities in the Dublin and Mid-East region are part of the project, we also assist them by supporting them with the technical and financial reports.

Management of EU-funded projects

Horizon 2020

DeliveREE

In early 2021, Codema was awarded funding for the Horizon 2020 project DeliveREE. The project budget is €1.2m and has eight partners - Codema, the four Dublin Local Authorities, Philip Lee Solicitors, Resourceful Futures Ltd and Sustainable

Development Capital LLP. The project has enabled Codema to develop internal protocols and systems to streamline the project development and implementation process, through upskilling staff, the creation of project documentation templates and defined processes for similar project types. There is a pipeline of over €20m capital projects including solar PV and retrofitting. Codema is the lead partner with responsibility for the overall delivery of the project goals and also the management of both the project consortium and project budget. This is achieved through a series of reporting, meetings and action tracking.

In 2025, Codema coordinated and requested a project amendment, specifically relating to the timeframe of project delivery. A 12-month project extension was granted in May 2025, extending the project until May 2026.

Throughout the year, Codema submitted two six-monthly performance monitoring Codema update reports to the European Commission, one in July 2025 and another in December 2025.

In December 2025, Codema notified all project partners on their final grant amounts and audit responsibilities.

PEACEPLUS

GEMINI

Codema is the lead partner of the GEMINI (Geothermal Energy Momentum on the Island of Ireland) project. GEMINI is funded under the PEACEPLUS programme and aims to drive geothermal energy adoption across Ireland. The project runs from September 2024 to September 2028, with 15 partners across the island of Ireland, including the Geological Survey of Ireland (GSI), Geological Survey of Northern Ireland (GSNI), the Northern Ireland Housing Executive and TU Dublin. The project includes four demonstration sites that will



highlight diverse applications of geothermal technology on the island of Ireland.

Throughout 2025, Codema organised monthly online meetings and weekly Work Package Lead meetings. Alongside these, the second GEMINI in-person partner meeting took place in Belfast in April, followed by the third in-person partner meeting in November, with representatives from all 15 project partners. A GEMINI Advisory Group was also set up, with the first advisory group meeting taking place in September.

Codema's work as lead partner included setting up a shared document-sharing system, project reporting mechanisms, deliverable templates, arrangements for advance payments, strengthening monitoring and evaluation systems, identifying project risks with appropriate mitigation strategies and assisting partners with modification requests. Codema also facilitated the signing of a Partnership Agreement by all project partners in January.

In November, Codema procured the external communications company Morrow, following a procurement process that ran from August to November 2025. This procurement will support the delivery of targeted communications activities, ensuring that project progress, outcomes and impacts are effectively shared with partners, funders and wider audiences.

DG ENER

Citizen-Led Renovation (CLR3)

Citizen-Led Renovation (CLR3) is funded by the European Commission Directorate-General for Energy (DG ENER) and aims to empower local communities with the necessary tools, skills and support systems to take control of energy-related renovation projects, particularly through tailored services provided by energy agencies acting as 'enabling structures'.

The project began in January 2025 and as one of CLR3's 'enabling structures', Codema attended the project kick-off meeting in Modena, Italy in February 2025. At this two-day meeting, project partners learned more about the iterations of the CLR initiative, the aims and objectives of CLR3 specifically and the project's structure and reporting. 'Enabling structures' also presented the typologies of the energy communities and community projects they would be supporting. In November, Codema attended the CLR3 project partner meeting in Brussels. The meeting focused on project progress, peer-exchange on delivery approaches, including collective purchasing models and coordination of upcoming activities and key outputs, with a second day dedicated to presenting key findings and learnings from the previous CLR phase. Towards the end of 2025, the Codema CLR3 team began planning the upcoming project partner meeting due to take place in Dublin in March 2026.

The project's inception report and invoice were submitted to the European Commission in March 2025, followed by the first interim report and another invoice submitted in September.



Horizon Europe

REGEN (Dublin pilot coordinators)

REGEN is a Horizon Europe project focused on supporting the regeneration of neighbourhoods towards a low-carbon, inclusive and affordable built environment. The main objective of REGEN is rooted in a bottom-up approach, supported by the use of digital tools for public engagement and living lab activities.

In October 2025, representatives from the Dublin pilot partners - Codema, Dublin City Council (DCC) and Arden Energy - traveled to Milan, Italy, for the third consortium meeting. During their visit, the project partners had the opportunity to explore the Milan pilot, gain insights into Milan's approach to its local energy office and discuss common challenges faced by large cities.

Codema and DCC have successfully submitted the first technical and financial report, covering the first 18 months of the project. Additionally, Codema, in collaboration with DCC, has agreed to expand its involvement in the project by taking on tasks such as managing and operating the Raytown Energy Dock in the Ringsend and Irishtown Community Centre.

Codema has also actively collaborated during 2025 with the technical partners in the development and submission of two key deliverables for the project: "D.1.2 Findings of the living labs" and "D3.2 Validation activities at demo sites, planning, start-up, follow-up and lessons learnt".

EasyPro

The EasyPro project began in 2024 and is funded under the LIFE programme. It aims to develop a tailored Energy Performance Contracting (EPC) facilitation service and procurement framework to reduce the costs and complexities

associated with energy-efficient building renovations.

The overarching goal is to encourage public bodies to undertake these renovations through the EPC model. Codema is contributing as an expert partner, supporting the development of EPC contracts with public bodies.

Interreg NWE

RODEO

RODEO is a 48-month Interreg NWE project aimed at expanding the Tallaght District Heating Scheme to include the residential sector. South Dublin City Council (SDCC) is a project partner together with Codema.

The project kicked off in January 2025 with Codema and SDCC attending the initial online kick-off meeting. Members of Codema along with representatives from SDCC travelled in March 2025 to Lille, France for the first partner meeting and also in October to Ostende, Belgium for the second project partner meeting.

The first two semesters of the project ran from January-June and July-December 2025, with technical and financial reports submitted during the following three-month reporting periods. Members of the Project Management and Development team represented Codema at online progress meetings throughout the year.

MultiRoofs

MultiRoofs is an Interreg NWE project exploring ways that roofspace can be used in cities to address urban challenges. This includes using rooftops for energy, climate and biodiversity, water retention and as community spaces, among other solutions. This 54-month project began in January 2025 and Codema attended the project kick-off meeting in Rotterdam, the Netherlands, in March. This meeting was an



opportunity to get inspiration from the Rotterdam rooftops tour, develop a group mission and vision statement and discuss how to reach the first milestones. The project hosted an additional co-creation workshop in Rotterdam in June 2025. The second consortium meeting took place in Brussels in October and it concluded the content of several workshops organised by the consortium earlier in the year.

The project's first financial and technical reports were submitted in July 2025.

E2-CUTIES

E2-CUTIES is an Interreg NWE project aiming to empower local energy communities through the development of a step-based roadmap and a methodology for creating investment propositions to help energy communities overcome common challenges. This 42-month project began in January 2025 and Codema attended the project kick-off meeting in Besançon, France, in April. At this two-day meeting, Codema learned more about the project management and reporting structures. The second consortium meeting took place in Utrecht, the Netherlands in September. Codema staff attended the hybrid Steering Committee session dedicated to issues relating to reporting and budget monitoring.

The project's first financial and technical reports were submitted in July 2025.

Interreg Europe

REEF

REEF is an Interreg Europe project aiming to support public authorities at local and regional level to apply the principle of Energy Efficiency First across relevant policy areas. South Dublin County Council is a match funder and Associated Policy Authority on the project.

A virtual project meeting was held in March 2025 with the project officially commencing in May 2025. Members of the Energy Planning and Public and Stakeholder Engagement teams travelled to Ptuj, Slovenia for the first partner meeting in June.

The first semester of the project ran from May - October, with financial and policy activity reports submitted during the following three-month reporting period. Members of the PM&D team represented Codema at online progress meetings throughout the year.

DISCO

DISCO is an Interreg Europe project aiming to test and develop energy efficiency policies and solutions to decarbonise heating and cooling for buildings in ten European regions. Kildare County Council (KCC) is a match funder and Associated Policy Authority on the project.

The project kicked off in May 2025 with Codema attending the initial online kick-off meeting. Members of the Codema team along with representatives of KCC's Climate Action Team travelled to Aalborg for the first partner meeting in Denmark and later in the year in December to Assen, the Netherlands for the second project partner meeting.

The first semester of the project ran from May - October, with financial and policy activity reports submitted during the following three-month reporting period. Members of the Project Management and Development team represented Codema at online progress meetings throughout the year.

Management of nationally-funded projects

SEAI RD&D

Heat NEWS

The Heat NEWS project (funded through the SEAI RD&D programme) aimed to accelerate the deployment of thermal energy storage and support the provision of electricity grid services in Ireland using thermal energy storage. Codema was the lead partner of the project, which was completed in May 2025.

New national and EU funding applications

Codema's core expertise lies in mapping, identifying and assessing EU and national innovation funding programmes that can support our own work, as well as the priorities of our local authority members and regional stakeholders. Once a relevant funding source is identified, either by Codema or through our European network of cities and partner organisations, Codema works to align these opportunities with DLA and local needs and opportunities. This process supports the strategic selection of projects to be developed and progressed during the year.

In 2025, Codema demonstrated strong engagement in EU and national project development by taking part in 15 project applications in total, of which four were approved (three EU projects and one national).

EU funding applications

In 2025, Codema was involved in 10 EU project applications, achieving approval for two of these, which are detailed below. Both projects are due to start in 2026.

BetterLIFE

BetterLIFE is a LIFE CET-LOCAL funded project, led by Eurac Research, which aims to develop advanced methodologies and tools to implement Local Heating and Cooling Plans with practical, financial and governance elements. The project duration is from September 2026 to September 2029.

BetterLIFE will build capacity within Codema and the DLAs to support the development and implementation of Local Heating and Cooling Plans by embedding three core dimensions:

- Robust financial strategies to assess investment needs and identify funding sources.
- Structured decommissioning plans for gas infrastructure.
- Capacity building and stakeholder engagement to ensure institutional readiness and public support.

BEACON

BEACON is a LIFE CET-ENERPOV funded project, led by Energy Cities, that aims to establish and strengthen six National Energy Poverty Observatories in Austria, France, Ireland, Cyprus, Finland and North Macedonia. The project duration is from September 2026 to September 2029.

In Ireland, BEACON will strengthen the existing Irish Energy Poverty Observatory and support coordinated action on energy poverty by embedding three core dimensions:

- National coordination strengthening the Irish Energy Poverty Observatory as a permanent structure for cross-sectoral collaboration.
- Policy development supporting national energy poverty dialogues and the co-development of a national roadmap.
- Capacity building and peer learning by organising peer-to-peer learning activities and foresight workshops to build capacity among stakeholders and support more effective responses to energy poverty.

National funding applications

Codema was involved in five applications to the SEAI Research, Development and Demonstration (RD&D) call in 2025. Codema led the application for two of these projects and joined as partner for the other three. The first project application led by Codema focused on investigating the potential to update our current energy master plan for Dublin while the second application focused on mapping industrial and commercial waste heat sources and developing a simplified techno-economic model to assess the feasibility and costs of developing district heating systems. While both projects made the reserve list, neither were successful in securing funding on this occasion.

However, ThermStoreDH, in which Codema has a partner role, has been funded.

ThermStoreDH

ThermStore-DH is a research project led by University College Dublin (UCD). It will assess the potential for Underground Thermal Energy Storage (UTES) in Ireland, with a specific focus on Aquifer and Borehole Thermal Energy Storage (ATES and BTES) in fractured limestone settings in the Dublin region. The project duration is from April 2026 to April 2029.

ThermStoreDH will specifically support the development of evidence-based approaches to underground thermal storage by embedding three core dimensions:

- Developing detailed 3-D geological models of fractured limestone formations in the Dublin Basin.
- Thermo-hydraulic assessment by improving understanding of thermal and groundwater flow properties using laboratory, outcrop and groundwater datasets.
- Site suitability and implementation by carrying out simulations and assessments to identify suitable locations for ATES and BTES deployment, supporting future heat planning and low-carbon energy storage solutions.

Project funding

European funding in 2025

In 2025, Codema drew down funding from the following EU projects:

Funding programme	Project	Aim	Project timeline	Net* Codema grant value 2025(€)
Interreg Europe	DISCO	Testing and developing energy efficiency policies and solutions to decarbonise heating and cooling for buildings.	2025-2029	€45,471
Horizon	DeliveREE	Delivering Energy Performance Contracting to commercial and public buildings at scale	2020-2026	€157,460
Interreg NWE	E2-Cuties	Empowering Local Energy Communities (LECs) by helping them to overcome common challenges.	2025-2029	€125,385
Horizon Europe	EasyPro	Helping public bodies become energy efficient and carbon neutral through Energy Performance Contracting (EPC)	2024-2027	€47,053
PeacePlus	GEMINI	Drive geothermal energy adoption across Ireland through four demonstration sites.	2024-2028	€217,209
Interreg NWE	MultiRoofs	Exploring opportunities to use roofspace in multifunctional ways to address urban challenges.	2025-2029	€90,276
Interreg Europe	REEF	Supporting public authorities at a local and regional level to apply the principle of Energy Efficiency First across relevant policy areas to meet climate targets.	2025-2029	€36,347
LIFE Horizon Europe	REGEN	Exploring innovative pathways for the decarbonisation of European neighbourhoods and cities.	2024-2027	€74,535
Interreg NWE	RODEO	Accelerating the expansion of district heating networks to the residential sector.	2024-2029	€122,768
Total EU Funding				€916,504

National funding in 2025

In 2025, Codema drew down funding from the following national projects:

Funding Programme	Project	Aim	Project Timeline	Net* Codema Grant Value 2025(€)
SEAI RD&D	HeatNews	Helping to accelerate the deployment of thermal energy storage in Ireland	2024-2025	€12,229
SEAI RD&D	Grow Green, Burn Blue	Exploring waste biomass and how it could be used for district heating	2024	€8,316
Total National Funding				€20,545

*Total Codema budget excluding purchase and subcontracting costs

Project management and development

Key outputs for 2025



10 project proposals submitted to EU funding programmes



5 project proposals submitted to national funding programmes



6 EU projects kicked off

Project management and development - Actions and outputs 2025

Month	Actions	Project support	Outputs
January	MultiRoofs Interreg NWE project kick-off	MultiRoofs	MultiRoofs Interreg NWE project kick-off
	E2-CUTIES Interreg NWE project kick-off with FCC as project partner and Balbriggan SEC as associate partner	E2-CUTIES	E2-CUTIES Interreg NWE project kick-off
	RODEO Interreg NWE project kick-off with SDCC as project partner	RODEO	RODEO Interreg NWE project kick-off
February	CLR3 Citizen-Led Renovation project kick-off meeting	CLR3	Joined project kick-off meeting in Modena
	Contributed as project partner to the development and submission of the RE-ALLOCATE project proposal	-	RE-ALLOCATE project proposal submitted to the Horizon Europe funding programme
	Contributed as project partner to the development and submission of the SHIELD project proposal	-	SHIELD project proposal submitted to the Horizon Europe funding programme
March	CLR3 inception report submitted	CLR3	CLR3 inception report and invoice submitted to European Commission DG ENER
	Revised ELENA pre-application submitted to EIB	-	Revised pre-application submitted for BDHS
April	Revised ELENA pre-application approval from EIB	-	Pre-application approval received for BDHS
	Assisted with the second GEMINI partner meeting	GEMINI	Attended and assisted with organising the second GEMINI partner meeting, hosted by GSNI
	Attended first RODEO project gathering in Lille to present TDHS as one of the four pilots, strengthening collaboration and aligning the future activities and goals of the project	RODEO	Presented on TDHS and attended working group and project coordination meetings
May	Coordinated and submitted a project amendment and extension request for the DeliveREE project	DeliveREE	Six-month project extension approved by CINEA

Month	Actions	Project support	Outputs
May	DISCO Interreg Europe project kick-off with KCC as associate policy authority	DISCO	DISCO Interreg Europe project kick-off
	REEF Interreg Europe project kick-off with SDCC as associate policy authority	REEF	REEF Interreg Europe project kick-off
June	Lead on the development and submission of the SPARC project proposal	--	Submitted SPARC project proposal under the SEAI RD&D national funding programme
	Lead on the development and submission of the WHISPER project proposal	-	Submitted WHISPER project proposal under the SEAI RD&D national funding programme
	Contributed to the development and submission of the D3TWIN project proposal, led by University of Limerick	-	Submitted D3TWIN project proposal under the SEAI RD&D national funding programme
	Contributed to the successful development and submission of the ThermStore-DH project proposal, led by UCD	-	Submitted ThermStore-DH project proposal under the SEAI RD&D national funding programme
	Contributed to the development and submission of the HEAT-RISE project proposal, led by Tipperary Energy Agency	-	Submitted HEAT-RISE project proposal under the SEAI RD&D national funding programme
	Submitted E2-CUTIES key deliverable and financial reporting under first reporting period: Local needs analysis for the Balbriggan Local Energy Community	E2-CUTIES	Financial reporting and deliverable submitted on the Interreg NWE Portal
July	ELENA full application (first draft) submitted to EIB	-	Funding application submitted
August	REGEN first financial and technical reports submitted	REGEN	REGEN first report submitted to Horizon Europe programme
	First GEMINI financial and technical report submitted	GEMINI	Reported submitted
September	Contributed to the development and submission of the SIRACLE project proposal	-	SIRACLE project proposal submitted
	Contributed to the development and submission of the BetterLIFE project proposal	-	BetterLIFE project proposal submitted
	Contributed to the development and submission of the CONFIDENCE funding application	-	CONFIDENCE project proposal submitted
	Contributed to the development and submission of the CHARGE funding application	-	CHARGE project proposal submitted
	Contributed to the development and submission of the IMPLEMENT funding application	-	IMPLEMENT project proposal submitted
	Contributed to the development and submission of the BEACON funding application, under the LIFE CET-ENERPOV call	-	BEACON project proposal submitted
	Contributed to the development and submission of the WAT-ability funding application		WAT-ability project proposal submitted
	CLR3 interim report submitted	CLR3	CLR3 interim report and invoice submitted to European Commission

Month	Actions	Project support	Outputs
September	MultiRoofs first financial and activity reports submitted	MultiRoofs	MultiRoofs first report submitted to Interreg NWE programme
	E2-CUTIES first financial and activity reports submitted	E2-CUTIES	E2-CUTIES first report submitted to Interreg NWE programme
	RODEO first financial and activity reports submitted	RODEO	RODEO first report submitted to Interreg NWE programme
October	Second GEMINI financial and technical report submitted	GEMINI	Report submitted
November	Assisted with the third GEMINI partner meeting	GEMINI	Attended and assisted with organising the third GEMINI partner meeting, hosted in Queens University, Belfast
	Third GEMINI financial and technical report submitted	GEMINI	Report submitted
	CLR3 partner meeting in Brussels	CLR3	Joined project meeting in Brussels
December	Approval of SEAI RD&D ThermStore-DH project proposal, led by UCD	–	ThermStore-DH project proposal approved
	Fourth GEMINI financial and technical report submitted	GEMINI	Report submitted
	ELENA full application (second draft) submitted to EIB	–	Funding application (second draft) submitted

Financial report

Income and expenditure account 2025

Codema	
INCOME AND EXPENDITURE ACCOUNT	2025
For the year ended 31st December 2025	€
Income	4,605,612
Expenditure	-4,318,465
Surplus before interest	287,147
Interest receivable and similar income	
Interest payable and similar expenses	
Loss/profit before tax	287,147
Tax on surplus/(deficit)	-11,392
Surplus for the financial year	275,755

Balance sheet 2025

Codema

BALANCE SHEET

For the year ended 31st December 2025

2025

€

Fixed Assets	
Tangible Assets	43,473
Current Assets	
Debtors	2,490,589
Cash and cash equivalents	1,578,555
	4,069,144
Creditors: Amount falling due within one year	-3,100,312
Net Current Assets	968,832
Total Assets less Current Liabilities	1,012,305
Other provisions	-51,597
Total Net Assets	960,708
Reserves	
Family leave reserve	481,611
Income and expenditure account	479,097
Equity attributable to owners of the company	960,708

Appendix

Abbreviations

ATES	Aquifer Thermal Energy Storage
BDHS	Blanchardstown District Heating Scheme
BEI	Baseline Emissions Inventory
BTES	Borehole Thermal Energy Storage
CAF	Climate Action Fund
CAP	Climate Action Plan
CCMA	County and City Management Association
CETP	Clean Energy Transition Partnership
CLR3	Citizen-Led Renovation
CO ₂	Carbon Dioxide
CRU	Commission for Regulation of Utilities
CVD	Clean Vehicles Directive
DCAW	Dublin Climate Action Week
DCC	Dublin City Council
DCU	Dublin City University
DCEE	Department of Climate, Energy and the Environment
DEC	Display Energy Certificate
DG	ENER Directorate-General for Energy
DHC	District heating and cooling
DISCO	Advancing DISTRICT heating and COoling solutions for efficient waste heat utilisations
DLAs	Dublin Local Authorities
DLRCC	Dún Laoghaire-Rathdown County Council
DoT	Department of Transport
DREM	Dublin Region Energy Master Plan
DZ	Decarbonising Zone
EE1st	Energy Efficiency First
EIB	European Investment Bank
ELENA	European Local Energy Assistance
EOI	Expression of Interest
EPC	Energy Performance Contracting
ESCo	Energy Service Company
ET	Enabling Task
EU	European Union
EUCF	European City Facility
EV	Electric Vehicle
EVCP	Electric Vehicle Charge Point
E2-CUTIES	Engaged Energy Communities in Urban Areas with Technology Integrated Energy Systems
FCC	Fingal County Council
GEMINI	Geothermal Energy Momentum on the Island of Ireland
GHG	Greenhouse Gas
GPRN	Gas Point Reference Number
GSI	Geological Survey Ireland
GSNI	Geological Survey Northern Ireland

HESK	Home Energy Saving Kit
ICBAN	Irish Central Border Area Network
IEA	International Energy Agency
IrDEA	Irish District Energy Association
KCC	Kildare County Council
LEG-DHC	Large-Scale Climate Neutral Energy Geostructures in District Heating and Cooling Systems/Network
M&R	Monitoring and Reporting
M&V	Measurement and Verification
MEC	Maximum Export Capacity
MEEU	Mid-East Energy Unit
MPRN	Meter Point Reference Number
NDFA	National Development Finance Agency
NSAI	National Standards Authority of Ireland
NWE	North-West Europe
OMC	Owners' Management Company
PIU	Project Implementation Unit
POME	Palm Oil Mill-Effluent
PTES	Pit Thermal Energy Storage
PV	Photovoltaic
RD&D	Research, Development and Demonstration
RDI	Research, Development and Innovation
REEF	Regions putting Energy Efficiency First
REGEN	REGENeration of Neighbourhoods towards a Low-Carbon, Inclusive and Affordable Built Environment
RICC	Ringsend and Irishtown Community Centre
RODEO	Rolling Out DHC Extensively to Home Owners
RTFO	Renewable Transport Fuel Obligation
SCC	Sligo County Council
SDCC	South Dublin County Council
SEAI	Sustainable Energy Authority of Ireland
SEC	Sustainable Energy Communities
SEU	Significant Energy User
SME	Small-to-Medium Enterprise
TASC	Think-tank for Action on Social Change
TDHS	Tallaght District Heating Scheme
TEA	Tipperary Energy Agency
TES	Thermal Energy Storage
TSN	Thermal Source Network
TTES	Tank Thermal Energy Storage
TUD	Technological University Dublin
TUS	Technological University of the Shannon
UCD	University College Dublin
UTES	Underground Thermal Energy Storage
ZEVl	Zero Emission Vehicles Ireland



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Átha Cliath Theas
South Dublin
County Council