

IMPLEMENTATION PLAN

South Dublin County Council **CLIMATE ACTION PLAN**

2024
2029



APRIL 2024

Table of Contents

1. Introduction	3
2. SDCC Climate Action Plan 2024 - 2029	3
3. Planning for Implementation	4
4. Governance Structure and Reporting Arrangements	5
<i>Internal Reporting</i>	6
4.1 SDCC Climate Action Steering Group	6
4.2 Action Area Teams.....	6
4.3 Green Public Procurement	6
<i>External Reporting</i>	7
4.4 Key Performance Indicators	7
4.5 National and Sectoral Reporting	7
5. Financing Climate Action.....	9
5.1 Annual Budget 2024.....	9
5.2 Three-Year Capital Programme 2024-2026	9
5.3 Community Climate Action Programme	10
6. Communicating and Embedding Climate Action	11
6.1 Communicating Climate Action.....	11
6.2 Embedding Climate Action.....	12
6.3 Supporting Communities in South Dublin County	12
7. Our Climate Actions – Mitigation and Adaptation Responses	12
7.1 Energy and Buildings	13
7.2 Transport	18
7.3 Flood Resilience	26
7.4 Nature Based Solutions.....	30
7.5 Circular Economy & Resource Management.....	36
7.6 Community Engagement.....	40
7.7 Mainstreaming Climate Proofed Solutions Across SDCC through Governance	46
8. Clondalkin Decarbonising Zone.....	49
Appendix I	50

Table of Figures

Figure 1: Four Key Targets of the Climate Action Plan 2024-2029	4
Figure 2: Governance Structure for the SDCC Climate Action Plan	5
Figure 3: Dublin Climate Action Week Branding	11
Figure 4: DZ Development Stages	49

1. Introduction

South Dublin County Council's [Climate Action Plan \(CAP\) 2024-2029](#), was approved by Elected Members at the County Council meeting, held on Monday February 12th 2024. The CAP sets out mitigation, adaptation and other climate action measures, to create a low carbon and climate resilient County. The Council published the final Climate Action Plan on Thursday 7th March 2024. The Plan will have effect for a period of five years, from the date of approval.

This Implementation Plan accompanies the Climate Action Plan and sets out how CAP Actions will be delivered and monitored, during 2024, with a view to the five-year timeline of the Plan. In Q4 each year, an Annual Progress Report will be published, outlining progress in that year. This also includes ongoing engagement with the Council's Environment, Public Realm and Climate Action Strategic Policy Committee (SPC) and official updates at County Council Meetings, on a bi-annual basis and as required.

In accordance with the [Climate Action and Low Carbon Development \(Amendment\) Act 2021](#), each local authority in Ireland was required to make a Climate Action Plan, to include both adaptation and mitigation actions. The CAP also includes a Register of Opportunities for the Clondalkin Decarbonising Zone (DZ), for which an Implementation Plan will be developed.

The Council's Climate Action Plan has been prepared in accordance with the [Local Authority Climate Action Plan Guidelines](#), as published by the Department of the Environment, Climate and Communications, in March 2023.

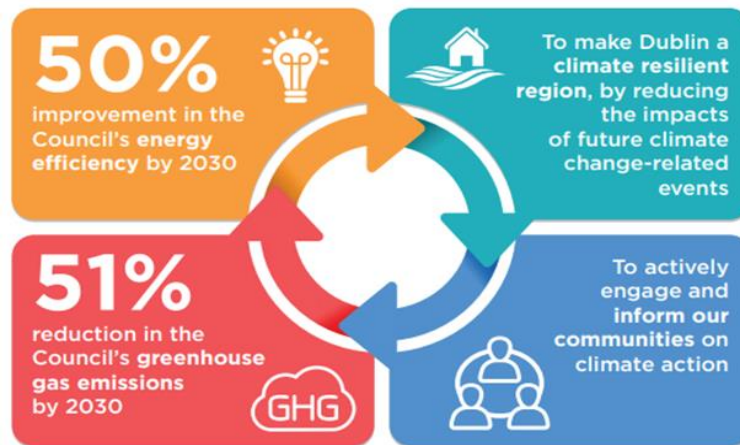
The objectives of the 2024 CAP Implementation Plan are as follows:

- Deliver Climate Action Plan actions across all thematic areas, overseen by the SDCC Climate Action Steering Group and six Action Teams;
- Continue to maximise the draw down of external funding sources, from Government departments and other agencies;
- Undertake ongoing engagement with the Council's Environment, Public Realm and Climate Action Strategic Policy Committee (SPC) and official updates at Council Meetings;
- Monitor the delivery of the Climate Action Plan, in accordance with national and sectoral requirements;
- Roll-out the Community Climate Action Programme in partnership with local groups across the County;
- Prepare the Clondalkin Decarbonising Zone (DZ) Implementation Plan; and
- Continue to work with the other Dublin local authorities, Codema – Dublin's Energy Agency and the Dublin Climate Action Regional Office (CARO), to secure funding and other supports for climate action projects.

2. SDCC Climate Action Plan 2024 - 2029

The Climate Action Plan sets out a range of actions across the six theme areas of Energy & Buildings, Transport, Flood Resilience, Nature Based Solutions, Circular Economy & Resource Management and Citizen Engagement. This is aligned to the Government's overall National Climate Objective, which seeks to pursue and achieve, by no later than the end of 2050, the transition to a climate resilient, biodiversity rich, environmentally sustainable and climate neutral economy.

The Plan is centred around actions that collectively address four key targets, which are framed by the Climate (Amendment) Act 2021 and the national [Climate Action Plan](#). The targets are shown in Figure 1.

Figure 1: Four Key Targets of the Climate Action Plan 2024-2029

(Source: SDCC)

The Climate Action Plan sets out how South Dublin County Council will be responsible for enhancing climate resilience, increasing energy efficiency and reducing greenhouse gas emissions, across its own assets, services and infrastructure, to which it is ‘fully accountable’ for, whilst also demonstrating a broader role of ‘influencing’, ‘coordinating and facilitating’ and ‘advocating’ for other sectors, to meet their own climate targets and ambitions.

This is necessary to ensure that the environmental, social and economic benefits associated with climate action, can be fully realised, thereby facilitating a Just Transition. The Council will also continue its efforts in rolling out ambitious climate action projects, drawing down available sources of funding, undertaking citizen and stakeholder engagement, all supported by a progressive policy framework.

3. Planning for Implementation

Whilst CAP actions from all six thematic areas, will be delivered across all Council departments, the Council’s Climate Action Team will oversee the delivery of the CAP Implementation Plan and related Annual Progress Reports, with oversight from the Director of Environment, Water and Climate Change. The team includes the Climate Action Coordinator, the Climate Action Officer and the Community Climate Action Officer, with support from the Climate Change & Environmental Awareness Officer and the Energy Officer.

The role of the Climate Action Team is to mainstream climate action, across the operations and activities of the Council, deliver specific actions, support and monitor the implementation of the actions across SDCC and coordinate the reporting and evaluation of the Plan to Senior Management, the Elected Members and the Department of the Environment, Climate and Communications.

Climate change is a transboundary challenge; it does not stop at political and geographical borders. The Council will continue to work collaboratively and in partnership with a range of key stakeholders to support the delivery of the CAP, including neighbouring local authorities, the Dublin Climate Action Regional Office (CARO), Codema - Dublin’s Energy Agency, regional partners, and local organisations. A Dublin regional approach has been agreed by the four Dublin local authorities, whereby they can collaborate closely in the implementation of their respective Climate Action Plans. These partnerships can provide opportunities for collaboration on projects, shared learnings, technical support and leveraging of funding opportunities, throughout the Plan’s implementation.

4. Governance Structure and Reporting Arrangements

Climate action is mandated for local authorities as part of broader concerted efforts and response measures nationally, to meet the 2030 targets and to strive towards a climate resilient and net zero society by 2050. Strengthened reporting and monitoring frameworks are now part of the mechanism to account for how local authorities are achieving and supporting local level climate action, in the context of delivering on the national climate objective. To communicate progress on the delivery of actions in this Climate Action Plan, the Council will engage with an agreed governance structure and a number of both internal and external reporting arrangements.

The Governance structure in place for the delivery and monitoring of the Climate Action Plan, is shown in Figure 2.

Figure 2: Governance Structure for the SDCC Climate Action Plan



(Source: SDCC)

Internal Reporting

4.1 SDCC Climate Action Steering Group

To ensure that CAP actions are delivered and to provide corporate oversight, a dedicated Climate Action Steering Group (CASG), is in place in SDCC. This team includes members of the Senior Management Team and is chaired by the Director of Environment, Water and Climate Change.

The objectives of the Climate Action Steering Group are:

- To ensure alignment with National legislation and policy;
- To meet the targets of the CAP;
- To work to achieve the commitments made in the Local Authority Climate Charter;
- To ensure budgets are aligned with the targets of the CAP;
- To ensure projects are completed and on budget;
- To ensure that CAP actions are being carried out by relevant sections;
- To ensure alignment with the other Dublin local authorities and the CARO's;
- To ensure reports are issued and deadlines met;
- To remove and include new and revised actions at annual revisions and iterations;
- To receive the required information to report on the Action Teams; and
- To ensure all reporting requirements are completed e.g. SPC's, CARO, DECC etc.

4.2 Action Area Teams

The Council's Climate Action Team, based in the Environment, Water and Climate Change directorate, is supported by six Action Area Teams, established to manage, and deliver the Council's climate actions. These teams mirror the Action Areas in the Climate Action Plan and comprise of representatives from the relevant departments and 'Action Owners'.

Building on the structures and reporting mechanisms created during the delivery of the Council's previous Climate Change Action Plan 2019-2024, the SDCC dedicated Climate Action Team will continue to monitor progress on each action throughout the lifetime of the Plan and work with the six Action Area Teams, overseen by the Climate Action Steering Group.

The Action Area Teams relate to the following CAP thematic areas:

1. Energy & Buildings
2. Transport
3. Flood Resilience
4. Nature Based Solutions
5. Circular Economy & Resource Management
6. Community Engagement

4.3 Green Public Procurement

South Dublin County Council has committed to incorporating Green Public Procurement in tenders using public funds and now requires all businesses to address Green Public Procurement in their tender submissions. SDCC has also established a Green Public Procurement Working Group, to ensure cross-departmental consistency in Green Public Procurement, within the Council.

External Reporting

4.4 Key Performance Indicators

A key consideration for the local government sector concerning the strengthened role on climate action is accountability, and in particular the ability to track, measure and report on progress in delivering effective climate action at both local authority and sectoral levels. In this regard, Key Performance Indicators (KPIs), will continue to play a significant role.

SDCC performance on the delivery of emissions reduction and energy efficiency improvements relating to the Council's buildings, infrastructure and assets, will continue to be tracked through the [Monitoring and Reporting \(M&R\) system](#), as managed by the Sustainable Authority of Ireland (SEAI).

The Local Government Management Agency (LGMA), in collaboration with the Climate Action Regional Offices (CAROs), collect data on an annual basis relating to a range of indicators including:

- Climate Action Staff;
- Climate Action Teams and Sub-groups;
- Climate Action Plan Actions;
- Active Travel Projects;
- Severe Weather Response Teams and Events;
- Green for Micro Business;
- Social Housing Retrofit Energy Savings; and
- Greenhouse Gas Reduction.

KPIs will continue to be added as necessary by the sector and SDCC will contribute relevant information as required, to assist in highlighting the progress of the local government sector on climate action. KPI information for 2022 is available in the [2022 Local Government Climate Action Key Performance Indicators Report](#). The 2023 KPI report is expected to be published by the end of Q2 2024.

Going forward, SDCC will work collaboratively to collect data internally and from supporting organisations such as the Climate Action Regional Office (CARO), County and City Management Association (CCMA), Codema – Dublin's Energy Agency, Local Government Management Agency (LGMA) and the Sustainable Energy Authority of Ireland (SEAI), to maximise opportunities to utilise the findings for the sector.

4.5 National and Sectoral Reporting

National Climate Action Plan

SDCC will, in accordance with part 3(w) of the [Local Authority Climate Action Charter](#), report to the Department of the Environment, Climate, and Communications (DECC) on progress on climate action at local level, as part of the delivery of the national climate objective. Progress on all actions will be reported via the Climate Action Regional Offices (CAROs).

National Oversight and Audit Commission (NOAC)

SDCC report to the National Oversight and Audit Commission (NOAC), who as part of their statutory functions scrutinise the performance of local government bodies against relevant indicators. The Council reports on several indicators in relation to the area of climate action and the results are included in the Annual Performance Indicator Report. These are informed by the KPIs outlined in Section 4.4.

Sectoral Performance

SDCC will report annually on its performance on climate action by way of KPIs to inform the performance of the local government sector on climate action, as part of the local government [Delivering Effective Climate Action 2030 Strategy](#). This process is facilitated by the Climate Action Regional Offices (CAROs).

Monitoring and Reporting System (M&R)

SDCC will continue to report on their emissions target and energy performance annually to the Sustainable Authority of Ireland (SEAI) through the Monitoring and Reporting (M&R) system.

Sustainable Development Goals

The actions and objectives set out in SDCC's Climate Action Plan also contribute to the progression of Ireland's commitment to achieving the 2030 Agenda for Sustainable Development which is a "plan of action for people, planet and prosperity" and provides an internationally agreed framework made up of 17 Sustainable Development Goals (SDGs) to balance the economic, social and environmental aspects of sustainable development.

5. Financing Climate Action

The Climate Action Plan will be implemented across all Council departments, using a variety of funding sources. This includes both the Council's Capital and Revenue budgets and a range of external funding streams.

The delivery of CAP actions in 2024, will draw on significant elements of both the Council's [Annual Budget 2024](#) (Revenue) and the 2024 allocation in the Council's [Three Year Capital Programme 2024 - 2026](#). For 2024, both budgets also have regard to and are reflected in the [SDCC 2024 Annual Service Delivery Plan](#) and are informed by the [SDCC Corporate Plan 2020-2024](#).

5.1 Annual Budget 2024

To assist in the delivery of targets for the Council's own greenhouse gas emissions and energy usage, substantial funding is provided for in the Council's 2024 Budget, (Revenue) to expand the existing climate action programme.

The Council's Annual Budget 2024 was approved by the Elected Members in November 2023. As part of the wider 2024 budget, €3,500,000 in funding is being provided to considerably expand the Council's existing climate action programme, including:

- A Climate Action Operation fund of €1,250,000 for operational measures, particularly to accelerate the decarbonisation of the Council's buildings and fleet;
- Significantly increased investment in retrofit works to enhance the energy efficiency of the corporate, community and other buildings owned by the Council, which will be driven by SDCC's Energy Officer, in partnership with Codema - Dublin's Energy Agency; and
- Continued provision for the Climate Innovation Fund of €300,000 (annually), to support a range of Council climate action projects. These funded actions can be drawn from across the six thematic areas in the Climate Action Plan. Non-budgeted actions in the CAP may avail of this Climate Action Innovation allocation, through an internal application process. See Appendix 1 for Climate Action Innovation Fund Request Sheet.

5.2 Three-Year Capital Programme 2024-2026

The Three-Year Capital Programme was approved by the Elected Members in December 2023 and reflects the various current projects that are approved and progressing, as well as additional projects that are committed to or are in planning and those that the Council has an ambition to deliver, having regard to the financial and other resources available.

The overall capital programme plans for expenditure of more than €1.584 billion over three years, representing an increase of almost €442 million, or 39%, on the previous programme. Such a scale of planned investment in the future social and economic development of the County is unprecedented and shows a genuine commitment and ambition to enhance the future prosperity and quality of life of citizens, communities, and businesses.

The Capital Programme provides for a range climate adaptation and mitigation actions, including further district heating development, flood alleviation works, EV charging infrastructure and other projects, identified in the Climate Action Plan and continued roll-out of active travel schemes and urban greenways. This broad range of 2024 climate action projects and priorities, include the following:

- Expand Tallaght District Heating scheme with a 2024 budget allocation of €500,000;
- DeliveREE project (Council building energy efficiency upgrades) with a 2024 budget allocation of €1,000,000, match funding to be provided by the Sustainable Energy Authority of Ireland;
- Decarbonise SDCC fleet with a 2024 budget allocation €1,500,000 and vehicle and plant replacement allocation of €2,800,000;
- Support Public Electric Vehicle Charging infrastructure with a 2024 budget allocation of €175,000;
- Continue to roll-out Flood Alleviation Schemes with a 2024 budget allocation of €9,900,000;
- Flood schemes and general maintenance projects undertaken across the County, with a 2024 budget allocation of €2,760,000;
- Public Lighting upgrades with a 2024 budget allocation of €950,000;
- Continue Social Housing retrofit programme with an approved 2024 budget allocation of €2,820,000;
- Housing Windows & Doors Accelerated Maintenance Programme with a 2024 budget allocation of €2,500,000;
- Arthurstown Energy Efficiency Projects with a 2024 budget allocation of €850,000; and
- Expand Active Travel network with a 2024 budget allocation of €22,400,000.

5.3 Community Climate Action Programme

The Council launched the [Community Climate Action Programme](#) on 13th December 2023. Funding of €1.073m is available for local, not-for-profit community groups and organisations over an initial 18-month period, to undertake local climate action projects.

The overall objective of the Programme is to support and empower communities, in partnership with SDCC, to deliver projects that shape and build low carbon, sustainable communities in a considered and structured way, to help contribute to national climate and energy targets.

Communities can play a crucial role in driving such positive change. In conjunction with the Department of the Environment, Climate and Communications, SDCC will support this through the Climate Action Plan. Project sizes include small (up to €20,000), medium (€20,000 - €50,000) and large (€51,000 - €100,000).

The closing date for receipt of applications was Wednesday 27th March 2024. The Council is currently assessing project applications received, of which the final project list will be determined and approved by the Department of the Environment, Climate and Communications. Successful projects are expected to commence in Q3 2024.

6. Communicating and Embedding Climate Action

The Climate Action Plan places a value on community engagement and will build on opportunities to work with citizens and stakeholders, to deliver effective and informed climate action.

SDCC has significant experience in engaging citizens and stakeholders through its existing functions, for example, land-use planning, housing, employment, transport, environmental awareness, sports partnerships, Public Participation Networks (PPNs) and a range of other programmes and initiatives. It is vital that this experience is leveraged, as part of SDCC's Climate Action Plan, whilst also identifying new and innovative opportunities for engagement, across communities in South Dublin.

6.1 Communicating Climate Action

South Dublin County Council will continue its efforts in communicating climate action, both within the organisation, across Council departments and externally, engaging local communities and citizens. The Council works closely on climate action with the three other Dublin local authorities (Dublin City Council, Fingal County Council, and Dún Laoghaire Rathdown County Council) and is supported in the delivery of climate action by the Dublin Metropolitan Climate Action Regional Office (CARO) and Codema, the Dublin Energy Agency. The CARO coordinates engagement across the varying levels of government and helps build on experience and expertise in the areas of climate action adaptation and mitigation. Codema provides a wide range of energy and climate mitigation services to the four Dublin local authorities, supporting each local authority in leading and influencing the low carbon transition.

Figure 3: Dublin Climate Action Week Branding



(Source: Dublin Climate Action Week)

In 2021 and 2022 the four Dublin Local Authorities, in partnership with the Dublin CARO and Codema, delivered Dublin Climate Action Week. A full schedule of public engagement events on climate action were organised across Dublin, covering the thematic areas of the Climate Change Action Plans 2019 – 2024. Further information is available at www.dublinclimateactionweek.ie. The branding for DCAW is shown in Figure 3.

The Council will develop climate action branding for the delivery of CAP actions, including those to be undertaken in the Clondalkin Decarbonising Zone. Climate action branding will be developed in consultation with the other Dublin local authorities, Dublin CARO and Codema.

6.2 Embedding Climate Action

It is vital that all sections of South Dublin County Council are working towards achieving energy and climate targets. [Climate action training](#), developed in partnership with the CAROs and the Local Authority Services National Training Group (LASTNG), continues to be rolled out for the entire local authority sector including elected members, to empower and upskill staff to act as leaders on climate action. On a day-to-day basis, SDCC's Climate Action team works with other SDCC departments to support the delivery of climate actions.

6.3 Supporting Communities in South Dublin County

To achieve transformative change, citizen led demand for climate action is essential. SDCC aims to enable citizens to realise the opportunities, that a transition to a carbon-neutral society presents. By supporting community initiatives, such as Sustainable Energy Communities and Tidy Towns, SDCC aims to support and reward local groups taking positive climate action. The introduction of the Community Climate Action Fund, as outlined in Section 5.3, offers significant financial assistance to local groups in building low carbon, sustainable communities. The Council also continues to maintain its dedicated climate action website: www.southdublinclimate.ie

7. Our Climate Actions – Mitigation and Adaptation Responses

This section sets out the 2024 implementation approach to all CAP Actions, across the thematic areas of Energy & Buildings, Transport, Flood Resilience, Nature Based Solutions, Circular Economy & Resource Management and Citizen Engagement. The Tracking measure, timeframe and SDCC role assignments are also included, for each CAP Action.

7.1 Energy and Buildings

Ref	Action	2024 Implementation	Tracking Measure	Timeframe	SDCC Role
E1	Embed an organisational energy/building management system in SDCC, ensuring compliance with relevant standards, obligations, and reporting requirements, with the aim to achieve ISO50001.	SDCC has an established internal Energy Team. Council staff are currently participating in SEAI's ISO 50001 Accelerator Programme, with the aim of achieving certification in 2025. In 2024, SDCC will also be supported by an SEAI appointed ISO50001 mentor.	Number of Energy Committee Meetings held	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
E2	As part of SDCCs Energy Management, work with the Significant Energy Users and each Department, to make SDCC as energy efficient as possible.	These non-domestic projects will be delivered through the EU funded DeliveREE project, assisted by Codema and SEAI Pathfinder programme. Tender documents for an Energy Performance Contract (EPC) issued in Q1 2024, with contract expected to be in place by Q4 2024. SDCC 2024 budget allocation is €1 million, with an additional €1 million from the SEAI Pathfinder programme.	Energy consumption for each Significant Energy User	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
E3	Complete the Public Lighting SOX Upgrade Programme, for the replacement of all SOX (low pressure sodium lamps) with energy efficient LEDs.	It is planned to upgrade 500 SOX during 2024. As public lighting upgrades are essential to SDCC achieving its energy efficiency target, the Council is committed to achieving further energy reductions in this area. To date, 21,654 lights have been upgraded to LED, which equates to 67%. SDCC 2024 budget allocation is €950,000 for public lighting upgrades.	Number of SOX lights up-graded. % of LED lights in total stock	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
E4	Complete the Public Lighting SON Upgrade Programme, for the replacement of all SON (high pressure sodium lamps) with energy efficient LEDs.	It is planned to upgrade 1,000 SON during 2024. As public lighting upgrades are essential to SDCC achieving its energy efficiency target, the Council is committed to achieving further energy reductions in this area. To date, 21,654 lights have been upgraded to LED, which equates to	Number of SON lights up-graded. % of LED lights in total stock	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability

		67%.2024 budget allocation is €950,000 for public lighting upgrades.			
E5	Develop a method, process, or tool, for SDCC to assess the whole Lifecycle Analysis (LCA) of buildings and infrastructure to understand the overall impact during its life cycle.	Targeted upgrades of the existing buildings are ongoing and supported by the Codema – Dublin’s Energy Agency. Results will inform the assessment of whole Lifecycle Analysis (LCA).	Rollout of tool; Number of projects utilising tool	Planned Commencement: 2024. Duration: 2025.	Full Accountability
E6	Develop, or procure, a tool to be used for high level assessments of embodied carbon in SDCC projects at design stage and to design a policy proposal that all new Council funded buildings are built to an emissions neutral standard.	Targeted upgrades of the existing buildings are ongoing and supported by the Codema – Dublin’s Energy Agency. Results will inform the high-level assessment of embodied carbon in SDCC projects and a policy proposal for an emissions neutral standard.	Rollout of Tool; Number of projects utilising tool	Planned Commencement: 2025. Duration: 2025.	Full Accountability
E7	Decarbonise, where feasible, plant and hand-held tools.	SDCC is continuing to replace fossil fuelled handheld equipment with rechargeable battery alternatives, including chainsaws and lawnmowers. 2024 budget allocation for vehicle and plant replacement is €2.8 million.	% or number of plant de-carbonised; Tonnes of CO2 emissions reduced	Planned Commencement: 2024. Duration: until 2029.	Full Accountability
E8	Progress Energy Performance Contracts (EPC) to deliver energy efficiency targets for SDCC owned buildings with significant energy usage, including the Leisure Centres, County Hall and Library, and Clondalkin Civic Offices.	These non-domestic projects will be delivered through the EU funded DeliveREE project, assisted by Codema and SEAI Pathfinder programme. Tender for Energy Performance Contract (EPC) issued in Q1 2024, with contract expected to be in place by Q4 2024. SDCC 2024 budget allocation is €1 million, with an additional €1 million from the SEAI Pathfinder programme.	EPC awarded; Measurement and verification of savings	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
E9	Progress energy efficiency works, including retrofits, in Council owned and operated	SDCC has identified a list of potential buildings, including libraires and Community Centres, that could be retrofitted by way of an Obligated Party	Number of retrofit / Improvement projects	Planned Commencement: Ongoing.	Full Accountability

	buildings, such as Libraries and Community Centres, that fall outside of a potential EPC contract.	contract, which is a potential option and is currently under consideration by the Council.		Duration: until 2029.	
E10	Retrofits of the Council's housing stock, prioritising energy efficiency upgrades in areas that have been identified in the Dublin Region Energy Masterplan as being energy poor.	SDCC's 2024 retrofit target is for 83 housing units, as funded under the Energy Efficiency Retrofit Programme, by the Department of Housing, Local Government and Heritage. SDCC 2024 Social Housing retrofit programme budget allocation is €2,820,000. SDCC 2024 Housing Windows & Doors Accelerated Maintenance Programme budget allocation is €2,500,000.	% of overall housing stock upgraded; Number of housing units upgraded to meet a minimum B2 BER Rating; Number of heat pumps installed	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
E11	Develop tenant energy awareness toolkit to provide climate / energy awareness and training for the operation of the new energy systems installed.	A heat pump manual is provided with newly installed systems within SDCC housing units. SDCC's Climate Action Website will host energy saving guidance and climate action awareness for all householders and citizens in the County, including SDCC tenants.	Toolkit developed; Number of tenants provided with energy saving tips	Planned Commencement 2024. Duration: until 2024.	Full Accountability
E12	Develop the sensitive retrofit of historic / protected structures across South Dublin with the aim of improving energy efficiency and building climate resilience.	NCBH26 Objective 2 of the County Development Plan 2022-28 states: 'to support and promote the sensitive retrofitting of energy efficiency measures and the use of renewable energy sources in traditional and historic buildings, consistent with RPO 7.40 of the RSES'. To date, several condition assessment reports have been completed for SDCC owned Protected Structures. As an initial examination of structures, this has formed a scope of works and has resulted in a programme of conservation works, including repairs and	Number of sites retrofitted as part of any upgrades to Council owned Protected Structures	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability

		consolidation works to prevent any further deterioration. In December 2023, DHLGH published Improving Energy Efficiency in Traditional Buildings, Guidance for Specifiers and Installers.			
E13	Identify and progress opportunities to improve energy efficiencies in Tallaght Stadium and SDCC sports grounds with external floodlights.	Energy efficiency opportunities to be considered as part of the Capital Improvement Plan for Tallaght Stadium, which is expected to be prepared during 2024. This could include the potential for LED upgrades to existing floodlights system and solar panels. The Council will continue to explore opportunities for energy efficiencies at SDCC sports grounds, across the County.	Reduction in energy consumption	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
E14	Maximise opportunities to avail of funding sources, to support a range of climate action projects across the County, including European Union (EU) funding streams.	The Council will continue to work with Codema, CARO and others, to identify funding and other supports available to develop climate adaptation and mitigation projects. This will include seeking sources of EU funding.	Amount of funding secured.	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
E15	Install Solar PV on suitable SDCC owned buildings, focusing on Community Centres and Libraries, and examine the potential for installation on other assets.	SDCC has identified a list of potential buildings, including libraires and Community Centres, that could be suitable for Solar PV installation, by way of an Obligated Party contract, which is a potential option and is currently under consideration by the Council.	Number of buildings with solar PV installed; kWh of electricity generated	Planned Commencement Ongoing. Duration: until 2028.	Full Accountability
E16	Investigate opportunities to install solar panels at Depots (roofs / solar car port etc), with the aim of supplying renewable energy to offset the expected increase in consumption due to	SDCC has identified a list of potential buildings, including Council depots, that could be suitable for Solar PV installation, by way of an Obligated Party contract, which is a potential option and is currently under consideration by the Council.	Number of buildings with Solar PV installed.	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability

	the planned fleet decarbonisation and associated EV charging.		kWh of electricity generated		
E17	Maintain the operation and monitoring of the Tallaght District Heating Scheme and progress the further expansion of the Tallaght District Heating Scheme.	Construction of the first phase the Tallaght DH network has been completed, including the connection of SDCC County Hall and TUD Tallaght. Engagement to secure additional customers to the network is also ongoing. Codema are working closely with SDCC, to explore options for expanding the network including potential funding streams. 2024 budget allocation is €500,000	Tonnes CO2 saved; Thermal energy exported from District Heating Scheme	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
E18	Develop proposals for further district heating schemes, including Clonburris and Grange Castle.	The Council will continue to consider options for the development of a district heating scheme at Clonburris, including the possibility of connecting to waste heat sources located at Grangecastle Business Park. More detailed feasibility work, including assessment of potential heat loads, and further stakeholder engagement is required in order to ascertain viability and progress planning of this network.	Proposals developed; Implementation plan developed	Planned Commencement Ongoing. Duration: until 2029.	Full Accountability
E19	Deliver Arthurstown Landfill Solar PV Project to generate renewable energy for consumption on site.	A Financial Appraisal Report has recommended a 200kW installation at the Arthurstown landfill site. Tender documents for Energy Supply Company for design/construction, is in development, in consultation with Codema. Awaiting performance analysis of proposed solar array. Brief for procurement of consultant to undertake planning application to Kildare County Council, to be finalised and issued before end of Q1 2024.	Delivery of Project; Reduction in carbon emissions % of total energy consumed from renewable energy	Planned Commencement: Ongoing. Duration: until 2024 / 2025.	Full Accountability
E20	Investigate the feasibility of developing a commercial scale Solar PV plant at Arthurstown	Contract awarded for feasibility study to assess system design, grid connection, financing and risk assessment. Preliminary drawings and proposals,	Delivery of Study; Recommendation-	Planned Commencement Ongoing. Duration: until	Full Accountability

	Landfill site and look to progress any feasible recommendations.	outlining scale of solar potential received for review and agreement.	tions progressed	2024 / 2025.	
E21	Identify sites or opportunities for trialling renewable energy projects including but not limited to solar, wind, hydro and pumped storage.	SDCC have a pipeline of suitable energy efficiency and renewable energy projects for SDCC buildings. The Strategy is iterative, and the pipeline of projects will continue to evolve depending on the status of buildings and the 2030 'Gap to Target'. These projects will be delivered through the EU funded DeliveREE project and the SEAI Pathfinder programme. SDCC are also engaging with SEAI and Codema, to promote the Sustainable Energy Communities scheme, which will support community based sustainable energy projects. The SDCC County Development Plan 2022-28, also contains a range of policies and objectives on renewable energy.	Initial feasibility Study delivered, and follow-up delivered every 2 years	Planned Commencement Ongoing. Duration: until 2024 / 2025.	Full Accountability

7.2 Transport

Ref	Action	2024 Implementation	Tracking Measure	Timeline	SDCC Role
T1	Facilitate, support, and guide national agencies in delivering major improvements to the public transport network, in particular Bus Connects, DART+, Luas capacity and new and enhanced rail stations.	SDCC will continue to work with the relevant transportation bodies, including the NTA, TII and others, to facilitate and support the delivery of improvements to the public transport network, to achieve a modal shift across the County. Such projects include Bus Connects, DART+, LUAS capacity, transport hubs and new and enhanced rail stations.	Number of schemes engaged on	Planned Commencement Ongoing. Duration: until 2029.	Co-ordinate & Facilitate
T2	Work with the NTA and TII to generate information on modal	The Walking and Cycling Index 2023 was published on 5 th March 2024. This publication indicates the	Percentage modal share of Public	Planned Commencement	Co-ordinate & Facilitate

	share changes with a focus on modal shift to public transport and active travel, and effectively communicate this information to the public.	relative levels of travel by mode, across the Dublin Metropolitan Area. The results will provide high quality evidence on people's participation in, and attitudes to walking, wheeling, or cycling – what barriers exist for them and what would help them walk, wheel and cycle more.	Transport: Active Travel: Motorised Journeys generated in our County	Ongoing. Duration: until 2029.	
T3	To facilitate the provision of Park and Ride facilities in appropriate locations at transport nodes and along strategic transport corridors in accordance with the NTA Strategy and encourage the inclusion of EV charge points and bike parking.	SDCC will continue to work with the relevant transportation bodies, including the NTA, TII and others, to facilitate and support the delivery of Park and Ride facilities in the County. At present whilst some of these are at Luas Stops and Public Parks, this infrastructure is mostly installed at Schools and Sports Clubs. SDCC has a 2024 funding allocation of €60,000, which will be mainly for Bike Parking / Bike Shelter and Bike Repair Station installations.	Number of schemes engaged on	Planned Commencement Ongoing. Duration: until 2029.	Co-ordinate & Facilitate
T4	Deliver a safe active travel network for people of all ages and abilities through the implementation of the Cycle South Dublin programme, including on-road, off-road, and greenway routes.	SDCC will implement the next phase of the Cycle South Dublin programme this year. Total 2024 funding allocated is €22.4 million. The Council maintains an Active Travel website, https://www.sdcc.ie/en/active-travel/ which is updated regularly, to keep the public informed on project updates. This includes an interactive map of current and proposed projects across the County. 2024 projects to include the following: <ul style="list-style-type: none"> • Killinarden Park and Greenway Scheme • Grand Canal to Lucan Urban Greenway • Castletymon Active Travel Scheme • Tallaght to Knocklyon Active Travel Scheme • Wellington Lane Active Travel Scheme • Dodder Greenway Sections 5 – Firhouse Road and Butterfield Avenue. 	Number of linear meters added	Planned Commencement Ongoing. Duration: until 2029.	Full Accountability

T5	Continue to promote active travel, for a wide range of ages, abilities, and journey types, utilising SDCC's active travel website, social media and events such as an active travel promotional ePlatform.	In conjunction with the implementation of County active travel projects, public engagement initiatives, awareness, and education campaigns, also have an important role to play. The Council maintains an Active Travel website, https://www.sdcc.ie/en/active-travel/ which is updated regularly, to keep the public informed on project updates. In 2024, SDCC will run a series of Active Travel Roadshows across the County, to promote the benefits of Active Travel. SDCC will also participate in the NTA led national Bike Week, taking place in May 2024.	Number of regular updates of our active travel website through SDCC social media	Planned Commencement Ongoing. Duration: until 2029.	Full Accountability
T6	Maintain a high standard of active travel routes by ensuring regular cleaning and annual maintenance to encourage ongoing use.	The Council will maintain a high standard of active travel routes by ensuring regular cleaning and annual maintenance. 2024 funding allocated is €400,000 for maintenance of active travel routes.	Number of meters cleaned. Number of meters maintained	Planned Commencement Ongoing. Duration: until 2029.	Full Accountability
T7	Working with the four Dublin Authorities, identify opportunities for the implementation of public bike sharing schemes, and powered personal transportation, in South Dublin supporting private operators.	SDCC will consider the 2024 implementation of this action, in collaboration with the other Dublin local authorities. In 2023, SDCC undertook a trial with ESB Hub.X.	Number of public bikes installed	Planned Commencement Ongoing. Duration: until 2029.	Co-ordinate & Facilitate
T8	Deliver a network of secure, public bicycle and powered personal transportation parking, to accommodate a variety of bike types across the County, including at schools,	The extension of existing SDCC bike parking facilities and expanded design options for this infrastructure in the County, will be considered in 2024, as part of the funding allocation from the National Transport Authority (NTA). The location of bike parking in the County is currently available on the Council's dedicated Active Travel website	Number of new parking stands installed	Planned Commencement Ongoing. Duration: until 2029.	Full Accountability

	parcs, playgrounds, towns, and villages.	https://www.sdcc.ie/en/active-travel/ Over the last three years, SDCC has delivered a substantial amount of Bike Stands at Schools, Sports Clubs, Playgrounds and Public Parks across the County and will continue that programme of installation including Bike Shelters and repair stations, in 2024.			
T9	Continue the development of pedestrian improvements, aligning with any Pedestrian Enhancement Plans developed for the Dublin Metropolitan area.	SDCC will continue to deliver the Council's Street Management Plan, which includes new pedestrian crossings and traffic calming works. 2024 budget allocation is €825,000.	Number of improvements implemented	Planned Commencement Ongoing. Duration: until 2029.	Full Accountability
T10	Identify roads and streets suitable for road space reallocation and progress appropriate schemes.	A list has been compiled of potential SDCC candidate road and streets for reallocation, pending approval from the National Pathfinder Programme, with a total of 11km of road space allocation identified.	Number of road space reallocations identified, Number of road space reallocations completed	Planned Commencement Ongoing. Duration: until 2029.	Full Accountability
T11	In addition to the statutory and non-statutory consultations, upon the launch of a proposed new active travel scheme, where appropriate and as needed, public meetings will be held and information leaflets will be distributed in the areas informing all residents of the details and benefits of such schemes.	This action will be considered throughout 2024, in accordance with the scope and distance of any proposed scheme, where appropriate and as needed.	Number of residents / households engaged.	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability

T12	Implement the Safe Routes To School Programme and implement the School Streets Initiative and to ensure that individual communications plans are prepared and executed for each Safe Routes to School project. These plans, in consultation with An Taisce and where appropriate and as needed, could include communications to local residents and to the school community before delivery, during delivery and following completion.	It is anticipated that 2024 NTA funding allocation (Round 3), for the Safe Routes to Schools Programme, will be announced later this year. SDCC received funding to complete SRTS Round 2 works at St Maelruan's JNS and St Dominic's NS, Tallaght. Any communications to residents and to school community, will be undertaken in consultation with An Taisce, where appropriate and as needed.	Number of Safe Routes to School / school zones. Number of schools participating in School Streets Initiative	Planned Commencement Ongoing. Duration: until 2029.	Co-ordinate & facilitate
T13	Deliver the primary school cycle training programme.	It is anticipated that delivery of the primary school cycle training programme will commence in Q2 2024.	Number of schools participating; Number of children participating	Planned Commencement Ongoing. Duration: until 2029.	Full Accountability
T14	Ensure active travel schemes and initiatives make walking and cycling more accessible for all users, including those with reduced mobility, disabilities, and the elderly, to further opportunities for increasing a sustainable modal shift. For example, Cycling Without Age.	Each active travel scheme undertaken by SDCC is risk assessed, complete with a road safety audit, to comply with all relevant national design and safety standards.	Number of schemes risk assessed, Number of initiatives. Number of Cycling Without Age bookings / Number of passengers carried / Number of km travelled	Planned Commencement Ongoing. Duration: until 2029.	Full Accountability and Coordinate & Facilitate

T15	Engage with car sharing scheme operators to increase the number of shared vehicles available in the County, with a focus on the provision of electric vehicles.	The Council will engage with car sharing scheme operators in 2024, to increase the number of shared vehicles available in the County, with a focus on the provision of electric vehicles.	Number of locations	Planned Commencement Ongoing. Duration: until 2029.	Co-ordinate & facilitate
T16	Carry out trials of traffic movements including street closures, one-way systems, diversions, and low traffic neighbourhoods to reduce traffic movement in certain areas.	Traffic movements are considered as part of Active Travel schemes, as appropriate. All schemes are designed having regard to the Design Manual for Urban Road and Streets (DMURS) and the national Cycle Design Manual.	Number of trials proposed. Number of trials progressed	Planned Commencement Ongoing. Duration: until 2029.	Full Accountability and Influence
T17	Implement the Council's Fleet Transition Strategy to identify efficiencies and rationalise the need for SDCC vehicles, and to decarbonise SDCC vehicles - guided by the Avoid-Shift-Improve approach.	The Council has developed a Fleet Transition Strategy, which includes five-year and ten-year targets to decarbonise the fleet and ensure the 2030 emission targets are met. The Council aims to ensure that all new vehicles purchased or replaced in the fleet are EVs charged from renewable sources or powered by renewable fuels. Under the Fleet Transition Strategy, 128 vehicles and 451 plant items have been identified to be replaced over the next five years. A 2024 fleet decarbonising budget of €1.5 million has been allocated.	Number of internal combustion engine (ICE) vehicles replaced by electric vehicles with the associated CO2e (CO2 equivalent) reduction	Planned Commencement Ongoing. Duration: until 2029.	Full Accountability
T18	Investigate the potential for alternative fuels for use in larger vehicles, before year 5 of the Fleet Transition Strategy, having appropriate regard to the lifecycle impacts and sustainability of alternative fuel options.	The Council has developed a Fleet Transition Strategy, which includes five-year and ten-year targets to decarbonise the fleet and ensure the 2030 emission targets are met. The Council is exploring alternative fuel solutions such as HVO usage and switching to biogas sourced from anaerobic digesters.	Report on options	Planned Commencement 2024. Duration: until 2027.	Full Accountability
T19	Deliver an ongoing driver education programme to staff to	SDCC is investigating Eco-driving courses, to be implemented with staff as part of the Council's Fleet Transition Strategy.	% of relevant staff that have completed the	Planned Commencement 2024.	Full Accountability

	promote efficient driving behaviours.		training	Duration: until 2028.	
T20	Aim to reduce kilometres travelled by private ICE vehicles within work hours and incentivise modes such as cycling, electric vehicles.	The Council has developed a Fleet Transition Strategy, which includes five-year and ten-year targets to decarbonise the fleet and ensure the 2030 emission targets are met.	Number of km reduced	Planned Commencement 2024. Duration: until 2029.	Full Accountability
T21	Establish an SDCC Mobility Hub for staff with decarbonised vehicle options to reduce the use of ICE vehicles.	The Council will consider a Mobility Hub as part of the Fleet Transition Strategy.	Mobility hub established	Planned Commencement 2024. Duration: until 2029.	Full Accountability
T22	Assess staff commuting patterns and identify opportunities to promote sustainable and active travel to, and from, work.	SDCC operates a Blended Working Policy for staff, which assists in reducing the number of staff trips taken by private car. The Council will investigate potential for measuring this impact. The Council propose to run a series of Active Travel Roadshows across the County in 2024, to promote the benefits of Active Travel.	Staff survey undertaken and register of opportunities developed	Planned Commencement 2024. Duration: until 2024.	Influence
T23	Implement the Dublin Local Authority Electric Vehicle Charging Strategy, (aligning with the National EV Charging Infrastructure Strategy 2022-2025).	The Dublin local authorities continue to engage with Zero Emissions Vehicles Ireland (ZEVI), on implementing the Dublin Local Authority Electric Vehicle Charging Strategy 2022-2030. Codema is currently undertaking a Public EV Charging Services Tender, which includes proposed sites at Council-owned car parks.	Number of public charge points installed	Planned Commencement ongoing. Duration: until 2029.	Full Accountability
T24	For privately owned EV charge points, create an SDCC Policy & Standards Guidance for the installation of electric vehicle	This action will develop a Policy and Standards Guidance for the installation of electric vehicle charge points in the public realm. This will initially involve wider stakeholder engagement, including with the other Dublin local authorities.	Guidance produced; Number of applications assessed	Planned Commencement 2024. Duration: until 2024.	Full Accountability

	charge points in the public realm.				
T25	In road construction projects, minimise the use of virgin materials and promote the use of reclaimed asphalt pavement (RAP) or low carbon alternatives.	The Council endeavours to minimise the use of virgin materials in roads projects. TII has published an update to the Specification for Roadworks. The related requirement for the bituminous industry to provide Environmental Product Declarations for all bituminous mixtures, will assist in the carbon footprint reduction of roads projects. In undertaking works on road substructures, reuse of original concrete is used where possible.	Tonnes of virgin material replaced; % of material replaced	Planned Commencement 2024. Duration: until 2029.	Full Accountability
T26	Review Roads Maintenance Process and materials for potential carbon reduction impact.	SDCC Roads Section will explore carbon reduction potential for future road maintenance works.	Annual update	Planned Commencement 2024. Duration: until 2029.	Full Accountability
T27	Maximise use of renewable energy for road infrastructure including lights, signs and street furniture.	The Council will continue to explore opportunities to maximise use of renewable energy for road infrastructure including lights, signs and street furniture.	Number of units provided	Planned Commencement ongoing. Duration: until 2029.	Full Accountability
T28	Promote the use of alternative systems for the treatment of roads during wintry weather.	The Council is in process of changing from salt to brine - which uses less salt - for wintry road treatment.	Tonnes of carbon	Planned Commencement 2024. Duration: until 2029.	Full Accountability
T29	Introduce process efficiencies/flexibility in the treatment of roads during cold weather to reduce number of call outs required.	The Council will investigate efficiencies/flexibility in the treatment of roads during cold weather to reduce number of call outs required.	Reduction in km travelled	Planned Commencement 2024. Duration: until 2025.	Full Accountability

T30	When surveying existing road infrastructure, include for identification of climate vulnerabilities, such as flooding and urban heat island effect.	Water Protection & Flood Management Section is being set up within SDCC, the remit of which will be to undertake regular inspections, assess capabilities and carry out preventative maintenance, with upgrades, as necessary. This section will meet the statutory obligations that remain with South Dublin County Council including Surface Water Management, EU Water Framework Directive, Flood Protection, Protection of Waterbodies and Water Pollution control.	Number of issues identified	Planned Commencement 2024. Duration: until 2029.	Full Accountability
------------	--	---	-----------------------------	---	---------------------

7.3 Flood Resilience

Ref	Action	2024 Implementation	Tracking Measure	Timeline	SDCC Role
F1	Review and update Major Emergency Management Response plans, SDCC policies or relevant Standard Operating Procedures (SOPs), with national Legislation and regulation on Climate Change adaptation and flood management, as required / annually.	SDCC carry out reviewal on an ongoing basis with updates of plans, polies and procedures made, as required. Provision continues for Major Emergency Planning and Management. Allocation of €100,000 in the 2024 Annual Budget.	Plans up to date.	Annually / as Required.	Full Accountability
F2	Ensure recording of flood events (fluvial and pluvial) and major climate events, utilising a GIS based system, to consistently capture locations, impacts, re-sponse resources, costs etc., to	SDCC is rolling out the WIRE app with relevant staff on an ongoing basis. The WIRE app was developed by the Climate Action Regional Offices (CAROs).	Full role out of WIRE APP to all SDCC Engineers, Inspectors and other staff members inter-ested.	Planned Commencement: Ongoing Duration: until 2029	Full Accountability

	facilitate the development of climate adaptation measures.		Number of users; Number of Reports		
F3	Ensure annual update of the specific risks to service provision in each SDCC Department that may be impacted by Climate Change, building on the Climate Change Risk Assessment developed for the Climate Action Plan.	A detailed Climate Change Risk Assessment is included as part of the CAP, in accordance with the Local Authority Climate Action Plan Guidelines and will be updated annually, as necessary.	Annual risk review	Planned Commencement: Ongoing Duration: until 2029	Full Accountability
F4	Engage regularly with neighbouring Local Authorities and other relevant organisations, on regional flood management issues, and support the ongoing implementation of flood forecasting systems.	SDCC will continue to work collaboratively and in partnership with a range of key stakeholders, to support the implementation of the CAP, including neighbouring local authorities, CARO, national and regional partners, elected members and local organisations and groups.	Number of Relevant Meetings	Planned Commencement: Ongoing Duration: until 2029	Full Accountability
F5	Progress Flood Alleviation Schemes (FAS) in conjunction with the OPW – including the River Poddle FAS, the River Camac FAS and the Whitechurch Stream FAS.	In 2024, SDCC will progress the Poddle, Whitechurch and Camac flood alleviation schemes and develop outline project plans and prioritisation for additional flood alleviation schemes. Flood Alleviation Schemes have a 2024 budget allocation of €9,900,000. Other flood schemes and general maintenance projects undertaken across the County, have a 2024 budget allocation of €2,760,000.	Number of Properties protected; e.g. Forecast: 950 houses Poddle & 50 businesses (planning applications). Programme progress / Completion	Planned Commencement: Ongoing. Duration: Scheme completion dates	Full Accountability
F6	Identify and progress minor works schemes to resolve recurring flood issues, where possible, ensuring the schemes are designed and implemented to include Sustainable Drainage Systems	SDCC Minor Works programme will continue in 2024. The Minor Works Plan is issued to the Environment Public Realm and Climate SPC and Full Council annually. In 2024, SDCC also plans to implement a planned Surface Water Network Improvement Programme including the Whitehall	Number of schemes progressed	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability

	(SuDS) / nature-based solutions / protection of biodiversity and avoidance of habitat fragmentation.	Road Surface Water Flooding Improvement scheme. Also, SDCC will progress the Newcastle, Rathcoole, Saggart Surface Water Study and implement recommendations.			
F7	Develop, protect and conserve riparian corridors, in line with County Development Plan and Greater Dublin Strategic Drainage Study (GDSDS), increasing riparian corridor connectivity where possible, and similarly for floodplains around rivers and watercourses subject to flooding.	SDCC will progress flood alleviation schemes in the County, in conjunction with the OPW, having due regard to environmental sensitivities at these locations, including riparian corridors and aquatic ecology. This will be undertaken in line with the County Development Plan 2022-28 and Greater Dublin Strategic Drainage Study (GDSDS).	Number of planning applications permitted in flood zone A and flood zone B; Number of planning Applications permitted in the riparian corridors; Linear meters of riparian corridors enhanced with native planting; Number of developments allowed to encroach within the 15m buffer zone given by GDSDS	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability / Influence
F8	Drive the implementation of SuDS (Sustainable Drainage Systems) in SDCC Capital projects, including new builds, retrofits etc, and monitor the level of implementation.	SDCC's 'SuDS Explanatory, Design and Evaluation Guide' is a tool to ensure a consistent approach in the design of surface water management systems across all new developments. The application of this guidance is required for all new developments and ties in with the Green Infrastructure strategy for the County, which forms part of the current County Development Plan 2022-28.	Number of projects. Square meters of permeable paving. % of area of hard surfaces retrofitted	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability

F9	Promote and encourage community involvement in the retrofit of SuDS or development of natural flood management measures, in existing housing / developments / local areas.	SuDS is promoted through the SDCC Householders Guide (including rainwater harvesting), which is available online on the Council's website. The public can also contact the Council's Water Services Section for information on local projects and for maps showing areas that are at risk of flooding and areas to avoid development, through the OPW flood maps, available online.	No of engagement events (social media posts, articles, events) per year	Planned Commencement: Ongoing. Duration: until 2029.	Advocate
F10	Identify 4 No. Demonstration Sites or Pilot schemes to monitor different SuDS projects, demonstrating how to combine SuDS/flood attenuation systems with existing land uses.	SDCC to identify four demonstration sites or pilot schemes to monitor different SuDS projects, demonstrating how to combine SuDS/flood attenuation systems, with existing land uses. The implementation of this action will consider sites across the County, based on relevance, attenuation opportunities and site suitability.	Sites Identified and each monitored for a minimum of 1 year	Planned Commencement: 2024/2025. Duration: until 2029.	Full Accountability
F11	Promote and encourage the implementation of SuDS to external Developers – ensure implementation of SuDS in Planning applications in line with SDCC SuDS Guidance.	SDCC's 'SuDS Explanatory, Design and Evaluation Guide' is a tool to ensure a consistent approach in the design of surface water management systems across all new developments. SDCC's Development Management Section encourages the use of SuDS in pre-planning consultations, sign-posting the SDCC SuDS Guidance and ensuring the implementation of SuDS in relation to new build developments that require planning permission, as per the relevant County Development Plan 2022-28 policy.	Number of Green Space Factor Implementations that have included SuDS, as a %	Planned Commencement: 2024/2025. Duration: until 2029.	Influence
F12	Improve the general maintenance plan for the stormwater and surface water network, with the aim to link to flood event forecasting and incorporate data of locations with known issues.	SDCC is rolling out the WIRE app with relevant staff on an ongoing basis. The WIRE app was developed by the Climate Action Regional Offices (CAROs).	Length of network cleaned/De-silted per year. Number of screens cleaned per year	Planned Commencement: 2024. Duration: until 2029.	Full Accountability

F13	Review gully maintenance plan and operations for improvements, considering areas with recurring issues and smart technology opportunities.	The County will review gully maintenance plan and operations for improvements, considering areas with recurring issues and smart technology opportunities.	Number of gullies cleaned per year	Planned Commencement: 2024. Duration: until 2029.	Full Accountability
F14	Develop an improved maintenance plan for SuDS assets that are taken in charge by SDCC, ensuring their continued operation.	Maintenance for SDCC SuDS assets comes under the regular public realm maintenance programme, including silt collection where applicable.	Plan developed	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
F15	Maintenance of lakes and wetlands, to increase storage capacity during severe weather events, where necessary.	An SDCC pilot scheme is currently being undertaken in Tymon Park North Lakes. Ecological Reporting has recently been completed and a consultant will now be sought to design the proposed river diversion and to test the suitability of the silt for re-use.	Volume of material removed	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability

7.4 Nature Based Solutions

Ref	Action	2024 Implementation	Tracking Measure	Timeline	SDCC Role
N1	Manage our tree mapping data and ensure the maintenance of our tree management system to evaluate carbon sequestration data associated with trees in South Dublin, and investigate further opportunities for carbon sequestration where possible.	SDCC actively survey publicly owned trees to identify work requirements and establishing the total quantity of trees maintained by the Council. These surveys assist in identifying areas for inclusion, in maintenance of the tree management system.	Estimate of carbon sequestration potential based on tree mapping data.	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability

N2	Look to maintain and increase natural meadows, where appropriate, across the county.	As part of the management of parks and open spaces, SDCC has been increasing land managed for nature restoration. This includes managing extensive natural wildflower meadows and managing areas for natural regeneration. An estimated €150,000 will be allocated to the Public Realm in 2024, for this work.	Number of hectares added as natural meadow to baseline. Measurement of different types of meadow habitat	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
N3	Increase native tree planting across the county. Retain existing native trees in South Dublin, in so far as possible.	As part of the management of parks and open spaces, SDCC has been increasing land managed for nature restoration. This includes new mini-woodlands and managing areas for natural regeneration. In 2024, SDCC aims to plant 3,500 trees across the County and to plant several mini-woodland areas.	Number of trees increased over annual baseline / set a yearly target; % increase in County's tree canopy cover. Number of trees per km of road versus the target set by Design Manual for Urban Roads and Streets (a minimum of 50 Number per km)	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
N4	Increase and maintain native hedgerow planting across the county.	The Council is currently preparing a Hedgerow Management Policy, which will inform the annual hedgerow maintenance programme. As part of the management of parks and open spaces, SDCC has been increasing land managed for nature restoration. This includes native hedgerow management and restoration, helping to connect Green Infrastructure via Green Corridors.	Linear meters of new hedgerow	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
N5	Support / develop small urban 'Miyawaki' native mini woodlands.	In 2024, the Council aims to plant twelve mini-forests, with approximately 25,000 – 30,000 trees	Number of new mini woodlands,	Planned Commencement:	Influence

		identified. Whips cost on average €1.50, so total 2024 funding will be approximately €37,500 - €45,000.	a minimum of 100sqm in size	Ongoing. Duration: until 2029.	
N6	Develop an Urban Woodland and Hedgerow Management Strategy and implement plans for the County to enhance, maintain and improve existing woodlands throughout our Parks.	The Council is currently preparing a Hedgerow Management Policy, which will inform the annual hedgerow maintenance programme.	Urban woodland management strategy and action plan complete; Measurement of the carbon impact of the County's trees; Number of woodland management plans in place and operating	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
N7	Implement a programme of enhancement and expansion of ponds and wetland habitats, to expand areas of water storage capacity and increase sequestration.	There is an active SDCC programme ongoing, with new works being investigated. The OPW flood schemes will be continued. The SDCC wetland survey Phase 3 is being undertaken in 2024. A key output of the surveys will be recommendations for enhancement or restoration.	Number of new wetlands / ponds; Number enhanced	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability / Advocate
N8	Continue to implement Dublin Mountains Makeover with Coillte Nature and the Dublin Mountains Partnership exploring opportunities for native tree planting projects to manage surface water run-off from mountainous areas to reduce flooding downstream.	SDCC will continue to engage with Coillte and other partners in the development of this programme and examine if further co-ordinated and complementary actions can enhance the proposed actions, regarding the transition to broadleaf and mainly native woodlands.	Meters squared of planting / trees planted Annual Reporting from Coillte Nature. Available online.	Planned Commencement: 2024. Duration: until 2029.	Full Accountability / Influence
N9	Expand and refine the evidence base for the County Habitat Map	As part of the implementation of the SDCC Biodiversity Action Plan, surveys of habitats and	Number of habitat and species	Planned Commencement:	Full Accountability

	to identify key habitats / locations for nature-based solutions and use the data to develop management and mitigation plans for these nature-based adaptation projects into the future.	species in the County are on-going. These surveys will assist with the identification of areas of local biodiversity importance.	surveys undertaken. Number of key project locations identified. Number of habitat /species. Management plans prepared	2025. Duration: until 2026.	
N10	Pilot and co-design a biodiversity inclusive design for a social housing estate.	As part of its Social Housing programme, the Council plans to Pilot and co-design a biodiversity inclusive design for a social housing estate.	Pilot project designed and delivered with results published	Planned Commencement: 2025. Duration: until 2029.	Full Accountability
N11	Maintain and expand allotments for local food production across the County, in accordance with SDCC's Allotments Policy.	The Council will maintain and expand allotments for food production in 2024, as per the Allotment Strategy. Provision of €250,000 has been made in 2024 for the expansion of allotments in the County.	Number of new allotments.	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability / Co-ordinate and Facilitate
N12	Support the provision of Community Gardens for local food production across the County, in partnership with Community Centres, Schools and other local groups.	SDCC will support the provision of Community Gardens for local food production across the County, in partnership with Community Centres, Schools and other local groups.	Number of Community Gardens.	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability / Co-ordinate and Facilitate
N13	Support the Biodiversity Action Plan 2020-2026.	As part of the implementation of the SDCC Biodiversity Action Plan, surveys of habitats and species in the County are on-going. These surveys will assist with the identification of areas of local biodiversity importance. Once complete, the protection, enhancement and expansion of these	Number of actions delivered	Planned Commencement: Ongoing. Duration: until 2026.	Full Accountability

		areas can be considered. Projects are identified and agreed annually under the Internal Steering Group for Biodiversity and implemented under funding sourced from NPWS.			
N14	Implement a countywide reduction of the usage of chemicals, such as glyphosate, across all council departments.	The Council endeavours to minimise the use of glyphosate-based products and expects in time to phase it's use out, as alternative weed control methods and products become available and established. The Elected Members voted for the introduction of a partial ban on the use of glyphosate-based herbicides in public parks, public gardens and playgrounds and this partial ban continues to be implemented. The Council complies with the requirements of the Sustainable Use Directive, in the use of plant protection products.	Reduction in litres purchased	Planned Commencement: Ongoing. Duration: until 2026.	Full Accountability
N15	Develop a Strategy for the phase out of harmful products such as glyphosate and acrylic paint.	In conjunction with Action N14, the Council will develop a Strategy for the phase out of harmful products such as glyphosate and acrylic paint.	Strategy delivered. Reduction in litres purchased.	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
N16	Identify opportunities to remove culverts to restore urban watercourses.	The County will undertake this action, as part of the Development Management Process. This action will be monitored on a case-by-case basis.	Metres of culvert removed.	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
N17	Identify areas in South Dublin that are vulnerable to the impacts of increased heat effects due to climate change.	The CAP is a living document, and additional actions will emerge over the lifetime of the Plan, for example, further actions on climate adaptation and specific issues relating to urban areas, such as the urban heat island affect.	Study completed	Planned Commencement: 2024. Duration: until 2024.	Full Accountability

N18	Implement measures to mitigate the Urban Heat Island Effect in identified vulnerable areas, including the management of existing street trees and future planting to reduce impacts.	The CAP is a living document and additional actions will emerge over the lifetime of the Plan, for example further actions on climate adaptation and specific issues relating to urban areas, such as the urban heat island affect.	Number of schemes delivered	Planned Commencement: 2025. Duration: until 2029.	Full Accountability
N19	Investigate the potential for nature-based solutions to address the risk of wildfire management, coordinating with the Dublin Fire Brigade.	As landowners, Coillte will ensure fire prevention and fire safety procedures shall be put in place and ongoing monitoring and management of same, to minimise the risk of fire damage and spread.	Plan produced	Planned Commencement: 2024. Duration: until 2024.	Full Accountability / Co-ordinate and Facilitate
N20	Increase data gathering on the effects of climate change on natural water quality in the county.	Local Authority Waters Programme (LAWPRO) will deliver the River Basin Management Plan in 2024, which SDCC will continue to collaborate on.	Number of monitoring locations and parametric values gathered	Planned Commencement: 2026. Duration: until 2027.	Full Accountability

7.5 Circular Economy & Resource Management

Ref	Action	2024 Implementation	Tracking Measure	Timeline	SDCC Role
R1	Monitor and improve internal waste and water management systems in all SDCC buildings.	The Council is monitoring internal systems, with a new vendor contract in place. In 2024, a baseline will be established, to which improvement will be measured against. A three-bin waste separation system is expected to be installed in Q2 2024.	% reduction of individual waste streams across SDCC; 0% growth in waste generated over the life of the Waste Management Plan for a Circular Economy; Cubic meters of water saved	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
R2	Work with corporate services and contractors to reduce waste and improve energy efficiency in SDCC canteen.	SDCC has actively engaged with canteen caterers, in reducing waste and improving energy efficiency. Single-use beverage cups have been eliminated from the staff canteen, for some years. SDCC is working towards the elimination of the purchase, sale and distribution of single use plastic beverage bottles and continue to work with caterers to identify opportunities to further reduce plastics.	Annual tonnages of food waste; Energy used; Introduce reusable containers	Planned Commencement: 2024. Duration: until 2029.	Full Accountability
R3	Identify opportunities to reduce Construction & Demolition (C&D) waste generated by SDCC and	SDCC aims to continue to identify opportunities to reduce resources across all departments, including to reduce construction and demolition waste in Council projects. Council policies reflect	Annual tonnage of Construction &	Planned Commencement: 2024. Duration: until	Full Accountability

	liaise with relevant organisations collaboratively.	the National Waste Management Plan (NWMP) for a Circular Economy 2024-2030. The NWMP includes measures across various waste areas, including construction and demolition.	Demolition (C&D) waste sent for re-use	2029.	
R4	Investigate sustainable solutions to the management of grass cuttings. Deliver appropriate solutions identified.	A feasibility study on Anaerobic Digestors (AD) for SDCC has been completed, including proposals for an alternative method of dealing with grass cuttings. This will be reviewed, in consideration of existing grass cutting operations.	Initial Feasibility Study delivered and follow-up delivered every 2 years	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
R5	Promote the use of sustainable / natural alternative materials in new and upgraded playspaces, teenspaces and in the infill of synthetic grass pitches.	SDCC will incorporate Green Procurement Principles into all tenders for recreational projects.	m2 of rubber surfacing used in playspaces and teenspaces; Number synthetic grass pitches with rubber infill versus natural infill	Planned Commencement: 2024. Duration: until 2029.	Full Accountability
R6	Introduce recycled or eco-friendly paper for use in all SDCC printers.	SDCC is working with suppliers to source quality eco-friendly and recycled paper for use in all printers.	Recycled / eco-friendly paper introduced	Planned Commencement: 2024	Full Accountability
R7	Support and promote the implementation of the targets of the National Waste Management Plan for a Circular Economy 2024-2030.	The Council will support the implementation and monitoring of the National Waste Management Plan for a Circular Economy 2024-2030, which was launched in March 2024.	0% waste growth over the life of the plan. Establish a baseline and reduce food	Planned Commencement: 2024. Duration: until 2029.	Full Accountability / Influence

			waste by half by 2030; Identify opportunities to eliminate waste and maximise the use of resources as outlined in the plan		
R8	To provide for, and maintain, a network of bring banks in the County to facilitate recycling of materials.	SDCC manages a network of bring banks, as part of the ongoing implementation of the Local Community Based Recycling Strategy 2023-2029, for the County. Quarterly review of targets and objectives of this strategy will be carried out in Q2 2024.	Tonnes of glass collected; Tonnes of textiles collected at bring banks. Number of bring bank locations across the county	Planned Commencement: 2024. Duration: until 2029.	Full Accountability
R9	Provide opportunities for reuse of materials brought for disposal to SDCC Civic Amenity Facility.	Investigations will commence in 2024, for a pilot project in an Amenity Centre.	Number of reuse schemes established. Measurement of material diverted to reuse, as appropriate	Planned Commencement: 2024. Duration: until 2029.	Full Accountability
R10	Develop sustainability guidelines and terms and conditions for any	An SDCC sustainability guidelines project is expected to commence in 2024.	Guidelines developed	Planned Commencement: 2026.	Influence

	events supported, facilitated, or organised by SDCC.			Duration: until 2026.	
R11	Identify outdoor locations for recycling bin trial site(s) in South Dublin and deliver a pilot project.	The County will consider this action, as part of the Community Recycling Strategy 2024 - 2026.	Pilot project delivered; Tonnages reported	Planned Commencement: 2024. Duration: until 2029.	Full Accountability
R12	Identify further areas for the installation of drinking water fountains.	Five additional water fountains are planned for 2024, across the County. A budget of €100,000 has been allocated for 2024.	Number of locations. Liters of water used compared to estimated plastic bottles saved.	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
R13	Monitor and enforce waste regulation in South Dublin.	SDCC will continue to monitor and enforce waste regulation in South Dublin. SDCC Waste Enforcement Officers engage with business and communities, to help manage waste and prevent illegal dumping.	Environmental Performance Assessment from the Environmental Protection Agency (EPA)	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability

7.6 Community Engagement

Ref	Action	2024 Implementation	Tracking Measure	Timeline	SDCC Role
CE1	Deliver climate education programme for primary and secondary schools, including ongoing delivery of the Green Schools programme and Eco Week.	Throughout 2024, SDCC will continue to deliver ongoing climate education programmes for Primary and Secondary schools. Through Eco Week, which is taking place 15 th – 19 th April 2024, SDCC is offering schools more than 100 workshops, talks and seminars from expert facilitators in the fields of biodiversity, climate change and the environment. The Council continues to support the Green Schools programme, promotes regional competitions such as Relove Fashion and Composting for Schools Programme. South Dublin Libraries also deliver a versatile programme of events on a range of climate and environmental related matters.	Number of schools participating. Number of flags awarded in a year. Number of events held. Number of school children participating.	Planned Commencement: Ongoing. Duration: until 2029.	Influence
CE2	Deliver Dublin Climate Action Week annually.	SDCC will collaborate on this action with the other Dublin local authorities, Codema and the Dublin CARO.	Number of events. Number of attendees	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
CE3	Engage with communities and businesses across South Dublin through workshops / presentations, to increase understanding of climate change.	In 2024, the Council will continue to develop relationships with external stakeholders across South Dublin, with the aim of empowering and informing communities and businesses across the County, to increase understanding and encourage climate action.	Number of engagements	Planned Commencement: Ongoing. Duration: until 2029.	Influence

CE4	Use targeted campaigns to increase knowledge of climate issues, for example, National Food Waste Recycling Week, World Water Day, etc.	In 2024, the Council will work with internal and external stakeholders and will continue to support and promote climate change related campaigns on social media.	Number of campaigns delivered annually	Planned Commencement: Ongoing. Duration: until 2029.	Influence
CE5	Monitor and develop the Home Energy Savings Kit scheme in SDCC libraries, including developing a youth friendly version, with a potential rollout in schools.	The borrowing scheme for Home Energy Savings Kits, is ongoing in SDCC libraries. Currently 21 kits are in use, with libraries creating more kits to keep up with anticipated demand. A youth friendly version will be developed in 2024, in collaboration with Codema.	Number of kits in SDCC libraries. Borrowing rates. Schools kit developed and Number available	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
CE6	Identify opportunities to utilise libraries in South Dublin as climate hubs.	SDCC will identify opportunities to utilise libraries in South Dublin as climate hubs.	Number of climate initiatives delivered in /through libraries	Planned Commencement: 2024. Duration: until 2029.	Full Accountability
CE7	Engage with communities and residents across the County, through local pop-up awareness raising events, on home energy upgrades, funding and other supports available.	In 2024, the Council plans to host local pop-up awareness raising events, possibly in collaboration with the Sustainable Energy Authority of Ireland and Codema – Dublin’s Energy Agency.	Number of engagements	Planned Commencement: Ongoing. Duration: until 2029.	Influence
CE8	Publish the SDCC Climate Change Newsletter – three newsletters per year.	The Council will continue to publish the SDCC Climate Newsletter, to help keep the public up to date on progress of the Climate Action Plan. SDCC also uses a range of other communication tools to inform the public on climate action issues, including regular articles in the Chief Executive’s Report and the SDCC citizen newsletter.	Number of newsletters published annually. Number of times newsletter accessed by readers. Number of subscribers	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability

CE9	Maintain and develop the SDCC Climate Action Website.	The South Dublin Climate Action website www.southdublinclimate.ie , provides regular updates on actions and general climate and environmental news. Information on the approved CAP is also available at: https://www.sdcc.ie/en/climate-action/latest-news/sdcc-publishes-new-climate-action-plan-2024-2029.html	Number of page views	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
CE10	Use SDCC Social Media platforms to disseminate climate messages.	The Council continues to use a range of communication tools to inform the public on climate action issues, to help keep the public up to date on progress of the CAP, including regular social media posts.	Number of interactions	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
CE11	Support the Sustainable Energy Authority of Ireland's (SEAI) Sustainable Energy Communities Programme in South Dublin by working with the Local Mentor. Where specific supported energy efficiency and renewable energy projects will not lead to unintended negative environmental effects in a local community.	SDCC will continue to promote and deliver initiatives and campaigns such as SEAI Sustainable Energy Communities. Continued regular collaboration with the Local SEC Mentor, is ongoing.	Number of SECs (Sustainable Energy Communities) participating	Planned Commencement: Ongoing. Duration: until 2029.	Influence
CE12	Work with local clubs to implement GAA Green Clubs.	SDCC continues to support the GAA Green Clubs Project. The Green Clubs Programme is an all-island programme.	Number of clubs participating. SDCC Lead in place	Planned Commencement: Ongoing. Duration: until 2029.	Influence, Advocate
CE13	Continue to support the Zero Together initiative through ongoing collaboration and stakeholder engagement to	SDCC will continue to collaborate with Codema on the Zero Together project. Planned 2024 activities include:	Meetings attended / actions implemented in the roadmap	Planned Commencement: Ongoing. Duration: until	Influence

	ensure alignment and implementation of SDCC's Climate Action Plan and the Zero Together roadmap to 2030.	<ul style="list-style-type: none"> • To develop a brand and digital marketing strategy. • To develop partnerships / collaborations through engagement work with stakeholders in the area of research, advocacy and community. • To apply for at least two funding streams to support Zero Together; and • To build awareness and understanding of the Zero Together initiative with Codema and local authority staff to enhance collaborative and engagement opportunities. 	relating to the Dublin Local Authorities	2029.	
CE14	Participate in the Council's Culture and Creativity Team to identify opportunities to work with local educational and arts organisations to consider climate action in their programmes.	SDCC's Climate Action Team will continue to participate in the Council's Culture and Creativity Team, to ensure that climate action is not only embedded in the current and future strategies, but also that artists consider climate as a source of inspiration in their works.	Ongoing participation in Culture & Creativity Team	Planned Commencement: Ongoing. Duration: until 2029.	Influence, Advocate
CE15	Strengthen existing networks and create new climate change links to encourage businesses to engage with climate action.	The Council's Local Enterprise Office (LEO) offers supports to encourage wider engagement by local businesses and entrepreneurs, in the green transition. SDCC and LEO are committed to maximise the effectiveness of communications through events, workshops and direct engagement and work in collaboration with South Dublin Chamber. In March 2024, the Climate Action Team sponsored a Climate Award at the Local Enterprise Awards, held as part of Local Enterprise Week.	Number of engagements	Planned Commencement: Ongoing. Duration: until 2029.	Influence

CE16	Engage with external organisations to explore innovative opportunities or initiatives that could be progressed in South Dublin.	SDCC will engage with external organisations to explore innovative opportunities or initiatives, that could be progressed in South Dublin.	Number of engagements or opportunities	Planned Commencement: 2024. Duration: until 2029.	Influence
CE17	Engage with the agricultural community to understand how SDCC can support resilience efforts and sustainable farming practices.	A feasibility Study on Anaerobic Digestors (AD) for SDCC is completed, with future potential to engage the agricultural community in relation to AD.	Record number of direct and indirect engagements with farming sector	Planned Commencement: 2024. Duration: until 2029.	Influence
CE18	Provide Climate Awareness training for all staff and elected members and identify opportunities to embed climate awareness across all departments.	SDCC staff and elected members continue to participate in the CARO led Local Authority Climate Action Training Programme .	Number of staff trained; Number of councillors trained	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
CE19	Develop SDCC climate action induction pack for all new staff.	Learning and Development will engage with Climate Action Section, to develop an Induction Pack for all new staff for implementation in Q3 2024.	Pack developed and rolled out	Planned Commencement: 2024. Duration: until 2029.	Full Accountability
CE20	Work with the IT department to identify opportunities where technology could be used to address climate issues, while also leveraging the Smart Dublin programme.	SDCC is currently exploring opportunities for the use of IT, dashboards and smart data, in monitoring and displaying progress on Climate Action Plan implementation and monitoring.	Projects identified	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
CE21	Deliver the Community Climate Action Fund.	The deadline for applications to the Community Climate Action Fund was March 27 th . Following application reviewal by SDCC and final approval by the Department of the Environment, Climate and Communications, it is anticipated projects will commence in Q3	% of the grant spent on local climate change projects	Planned Commencement: 2024. Duration: until 2026.	Coordinate and Facilitate / Advocate

		2024. A fund of €1,070,000 for the next eighteen months, is available to local groups across the County.			
CE22	Support Tidy Towns initiatives which promote climate mitigation or adaptation measures.	The Council supports Tidy Towns groups across the County, through financial grants and the expertise of the Environmental Awareness Office. In 2024, the Council is assisting local groups, in several areas across the County, to establish themselves as Tidy Towns groups.	Number of initiatives supported annually	Ongoing.	Influence
CE23	Community Department to identify key opportunities to engage with communities throughout the county, working with the Climate Action Team.	SDCC works with groups and organisations across South Dublin on a range of climate issues. In 2024, Council staff will work with external partners to deliver the Slaintecare Energy Poverty Project, in Tallaght and Clondalkin. Through the Community Development Team and community centre network, SDCC will continue to engage with communities to develop skills, promote learning and build knowledge on climate change and environmental sustainability.	Number of meetings held; Number of opportunities identified	Ongoing.	Full Accountability
CE24	Work in collaboration with artists, and in partnership with the SDCC Climate Action Team, to develop creative art initiatives that engage the population of the county in conversations about climate action.	As part of the SDCC Culture and Creativity Strategy, two projects are currently ongoing; Bo Mhor a food waste programme and Feel The Land, a Youth environmental art engagement project.	Number of initiatives supported	Ongoing.	Full Accountability

7.7 Mainstreaming Climate Proofed Solutions Across SDCC through Governance

Ref	Action	2024 Implementation	Tracking Measure	Timeline	SDCC Role
GOV1	Support the Elected Members and Strategic Policy Committees (SPCs) in their leadership role for climate actions.	The Environment, Public Realm and Climate Change Strategic Policy Committee advises and assists the Council in the formulation, development and review of climate and environmental policy. The Council's Climate Team regularly updates the SPC on CAP progress and that of different climate action projects, including waste policy and programmes. This Implementation Plan accompanies the Climate Action Plan and sets out how CAP Actions will be delivered and monitored, during 2024, with a view to the five-year timeline of the Plan. In Q4 each year, an Annual Progress Report will be published, outlining progress in that year. This also includes ongoing engagement with the Council's Environment, Public Realm and Climate Action Strategic Policy Committee (SPC) and official updates at Council Meetings, on a bi-annual basis and as required.	Number of climate related briefings/ events provided	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
GOV2	Ensure Green Public Procurement (GPP) implementation in all SDCC tenders as part of the scored quality assessment, in order to source goods, services and works with a reduced climate and environmental impact, with a	South Dublin County Council has committed to incorporating Green Public Procurement in tenders using public funds and now requires all businesses to address Green Public Procurement in their tender submissions. SDCC has also established a Green Public Procurement Working Group, to ensure	% of Tenders including GPP; % of Tenders including GPP as a scored criterion; Number of staff to complete training.	Planned Commencement: Ongoing. Duration: until 2029. Training rollout by Q4 2024.	Full Accountability

	priority placed on goods, services and works with a neutral climate and environmental impact. Provide relevant GPP training for staff.	cross-departmental consistency in Green Public Procurement, within the Council.			
GOV3	Ensure that all new SDCC Projects are assessed for the feasibility of incorporating climate actions and measures, with a focus on energy, greenhouse gas emissions, nature based Sustainable Drainage Systems (SuDS), enhancing and retaining Green Infrastructure (GI), biodiversity, sustainable transport and modal shift, EV charging, and environmental protection and co-benefits.	SDCC staff continue to participate in the CARO led Local Authority Climate Action Training Programme. This aims to ensure that climate action is considered and factored into all new Council projects. South Dublin County Council has committed to incorporating Green Public Procurement in tenders using public funds and now requires all businesses to address Green Public Procurement in their tender submissions. SDCC has also established a Green Public Procurement Working Group, to ensure cross-departmental consistency in Green Public Procurement, within the Council.	% of Tenders including GPP. % of Tenders including GPP as a scored criterion. Number of staff to complete training.	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
GOV4	Ensure climate-proofing of all SDCC policies and strategies, including updates through liaison with the Climate Action Team.	SDCC staff continue to participate in the CARO led Local Authority Climate Action Training Programme. This aims to ensure that climate action is considered and factored into all relevant SDCC policies and strategies. Whilst CAP actions from all six thematic areas, will be delivered across all Council departments, the Council's Climate Action Team will have relevant input into the development of SDCC policies and strategies.	Number of policies / strategies climate proofed	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability
GOV5	To develop a method, process or tool to allow the embodied carbon within proposed new buildings to be taken into	Embodied carbon refers to the amount of carbon emitted from all the activities associated with the construction of a building. It encompasses the entire lifecycle of the	Rollout of Method, Process or Tool; Number of projects	Planned Commencement: Ongoing. Duration: until	Full Accountability

	consideration, to inform development across the County.	building, from procuring the raw materials, transforming these materials into construction products, the transportation of the materials, how they are incorporated into a building, any work done refurbishing or repurposing the buildings, as well as the subsequent maintenance, and eventual demolition and disposal of the building at the end of its life. The Council will work with Codema and others, as relevant, to develop a methodological approach for this action.	utilising Method, Process or Tool.	2029.	
GOV6	Develop, or procure, a tool to be used to calculate Scope 3 emissions across all SDCC activities.	In the CAP, Scope 1 and 2 emissions are accounted for in Figure 3.4: Total GHG Emissions for South Dublin per Sector 2018 (%). Scope 3 emissions are those considered outside the scope of direct fossil fuel emissions (Scope 1) and emissions generated offsite to produce electricity (Scope 2). Scope 3 emissions include but are not limited to, embodied emissions of purchased items, and the transportation of outputted products. In the CAP analysis, only Scope 1 and Scope 2 emissions are considered, as aligned to the methodologies used for the national Climate Action Plan. The Council will work with Codema and others, as relevant, to develop this action, in line with any national methodology developed.	Rollout of Tool; Number of projects utilising Tool.	Planned Commencement: Ongoing. Duration: until 2029.	Full Accountability

8. Clondalkin Decarbonising Zone

South Dublin County Council (SDCC) has selected an area of Clondalkin, in which to establish a Decarbonising Zone (DZ).

A DZ is a chosen area where local authorities and communities work together to reduce the amount of carbon produced by their everyday activities. By looking within the community for ways to live and work more sustainably, these zones can find local solutions to global problems, which also benefit the local community, such as reducing greenhouse gas emissions, improving air quality, saving energy and reducing waste.

The main objective of a Decarbonising Zone is to find innovative but achievable ways, to reduce greenhouse gas emissions from the area by 51% by 2030, based on 2018 levels. Each zone’s plan will be based on the characteristics of the area, what’s of benefit to the community, and how these elements can work together, to reduce or remove carbon and other greenhouse gases from the process.

The Clondalkin DZ will be developed in accordance with the stages outlined in the Local Authority Climate Action Plan Guidelines, as published by the Department of the Environment, Climate and Communications. This is also shown in Figure 4.

Figure 4: DZ Development Stages




(Source: DECC)

Throughout 2024, the Council will work with Codema – Dublin’s Energy Agency, on undertaking Stages 4 and 5, with a view to publishing the Clondalkin DZ Implementation Plan, by the end of Q4 2024. The development of the Implementation Plan will also have regard to and feed into, the preparation of the [Clondalkin Draft Local Area Plan](#), which is expected to be published on public consultation, later in 2024.

Appendix I

Climate Action Innovation Fund Request Sheet

 <p style="margin: 0;">SOUTH DUBLIN COUNTY COUNCIL</p> <p style="margin: 0;">ENVIRONMENT, WATER & CLIMATE CHANGE</p> <p style="margin: 0;">CLIMATE CHANGE ACTION FUND - FUNDING REQUEST</p>	
<u>SECTION</u> : _____	<u>DATE</u> : ___ / ___ / ___
<u>PROPOSAL</u> : _____	
<u>DESCRIPTION OF PROPOSAL</u> :	
<u>SELECT CCAP ACTION AREA</u>	<input style="width: 100%; height: 15px;" type="text"/>
<u>SELECT RELEVANT CCAP ACTION</u>	<div style="border: 1px solid black; height: 80px; width: 100%;"></div>
<u>ESTIMATED COST</u> : €	
<u>CONTACT PERSON</u> :	
<u>EXPECTED DELIVERY DATE</u> :	
<p>I CONFIRM THAT ALL GOODS AND SERVICES OUTLINED IN THE PROPOSAL ABOVE HAVE BEEN PROCURED IN ACCORDANCE WITH CHIEF EXECUTIVE ORDER SDGP/15/18 – PROCEDURES FOR THE PURCHASE OF SUPPLIES, SERVICES & WORKS</p> <p>http://intranet/Home/ViewDocument/c57f10df-deb0-4b86-86e7-a91f00f2d385</p>	



South Dublin County Council
CLIMATE ACTION PLAN



Contact details:
South Dublin County Council
County Hall
Tallaght
Dublin 24
D24 A3XC
Phone: 01 - 414 9000

