



*The Climate Action Regional Offices are an initiative of Local Government, funded by the Department of the Environment, Climate and Communications, as a shared service for Local Authorities.*

**December 2024**

# **Local Authority Climate Action Plans**

## **Adaptation Sectoral Report**



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# 1. Introduction

Section 16 of the Climate Action and Low Carbon Development (Amendment) Act 2021 requires each Irish local authority to prepare a Local Authority Climate Action Plan (LACAP) for its administrative area. Each Local Authority went through a plan preparation process during 2023 and adopted their LACAP by the end of Quarter 1, 2024. The [31 Local Authority Climate Action Plans](#) have a five-year statutory remit. The LACAPs aim to deliver global and national climate targets and implement national climate policy at community level through local authority regulatory and strategic functions and relationships.

Additionally, action 165 of the Government’s Climate Action Plan 2019, requires Local Authorities to identify and develop plans for a Decarbonising Zone (DZ) where a DZ is defined as a "spatial area identified by the local authority, in which a range of climate mitigation, adaptation and biodiversity measures and action owners are identified to address local low carbon energy, greenhouse gas emissions and climate needs to contribute to national climate action targets". Subsequently, Action 80 of the Climate Action Plan 2021 required that DZ plans be integrated with the LACAP.

The Climate Action Regional Offices (CAROs), which coordinate the Local Authority response to climate change, have carried out an [analysis of the 31 Local Authority Climate Action Plans](#) that were adopted by Irish Local authorities in 2024. The analysis is useful in terms of providing an understanding of the scope and reach of the LACAPs as well as the focus of the local government sector’s climate action efforts for the next five years.

One element of the analysis identified the sectors that are relevant to each of the actions that have been adopted in the 31 LACAPs with most actions being relevant to more than one sector. For the purpose of the analysis, a sector is considered to be a distinct part of society or the economy with examples including health, transport, education, and others. Figure 1 shows the distribution of sectors across all LACAP actions. Given that the LACAPs are plans of local government, it is not surprising that the local government sector is listed as being relevant to almost all actions.

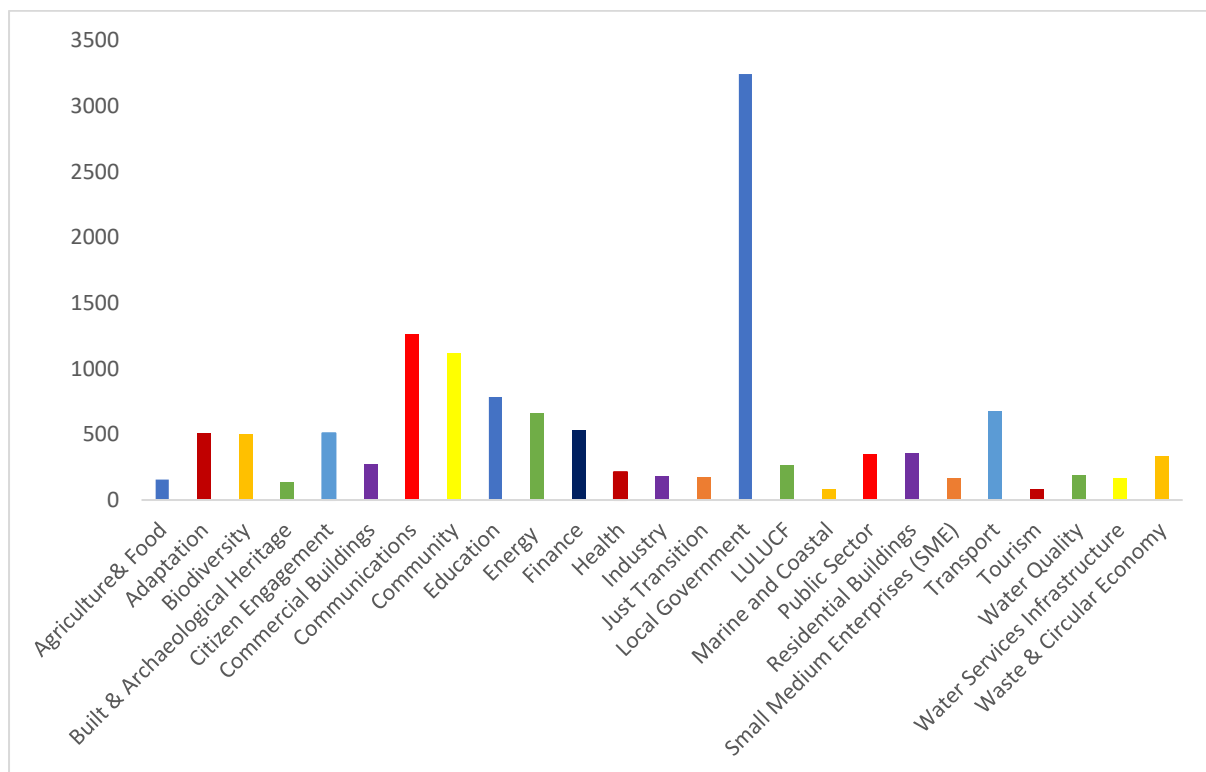


Figure 1: Breakdown of LACAP actions according to sector

Following on from the publication of the analysis of the 31 Local Authority Climate Action Plans, the CAROs have produced summary reports for each of the sectors that have been identified as being relevant to the delivery of LACAP and DZ actions. The aim of these [sectoral reports](#) is to steer sectors towards the local authorities and actions that are most relevant to them, to facilitate more informed sectoral engagement and to assist sectors in the preparation of their own plans.

This sectoral report has been prepared for the **Adaptation** sector.

*Please note that this is a high-level assessment performed by the CAROs to inform the Adaptation sector. If further information is required on any aspect of the report, please contact CARO@CorkCoCo.ie.*

## **2. LACAP analysis**

The methodology deployed for the LACAP analysis centred around the development of a database. A CARO project group was established to build and contribute to the database. The database was populated by the individual actions that were adopted by all 31 local authorities.

The CARO team assessed and categorised each individual action under pre-determined high-level classifications including thematic focus area, related sector, action type i.e. mitigation or adaptation, organisation or community focus, stakeholders identified, etc.

Actions were further categorised using a three-tier process. Each action was initially classified as one of 11 Tier 1 categories and then further classified by Tier 2 and Tier 3 sub-category (over 300 Tier 2 and Tier 3 sub-categories). The Tier 1 categories under which actions were initially classified were:

1. Local Authority Organisation
2. Local Authority Owned or Managed Buildings –including administrative buildings, social housing and other community buildings (e.g. libraries, swimming pools, etc)
3. Local Authority Owned or Managed Infrastructure –including assets such as roads, public lighting, land, parks, heritage assets, communication networks, EV charging infrastructure, draining systems, etc.
4. Local Authority Finance or Budgets
5. Planning
6. Community
7. Active and Sustainable Travel
8. Climate Impact Management
9. Waste and Circular Economy
10. Natural Assets and LULUCF
11. Tourism

The working group developed and worked to set criteria to ensure consistency in approach to action categorisation. Regular review meetings were held to maintain high levels of consistency in the data.

### 3. LACAP overview

The Local Authority Climate Action Plans (LACAPs) reinforce the commitment by the local government sector to lead on climate action at local and national levels. Each LACAP outlines the actions that the individual local authority will be taking to meet its responsibility regarding reduction of greenhouse gas emissions across its own assets and infrastructure as well as the actions that the local authority will take to influence, enable, and facilitate others to meet their own targets.

The Decarbonising Zone section of the Local Authority Climate Action Plans identifies the climate mitigation, adaptation and biodiversity actions to be taken by the Local Authority in the selected Decarbonising Zone (DZ) to test, pilot and demonstrate decarbonising at a local and community level.

High level analysis of the LACAPs including Decarbonising Zone reveals the following:

- In total, **3,935** actions have been adopted across all 31 LACAPs.
- **3282** of these actions relate to the whole local authority administrative area and are referred to as LACAP actions.
- **653** of these actions relate specifically to Decarbonizing Zones (DZs) that have been identified by the local authority and are referred to as DZ actions.
- There is a wide variation in numbers of actions across the 31 LACAPs reflecting a difference in approach to defining actions rather than a difference in level of ambition between local authorities.
- There is also a wide variation in numbers of DZ actions across the 31 LACAPs.
- 8 local authorities did not identify individual actions for their DZ. It should be noted that the approach that most of these local authorities have taken is to develop and adopt a Register of Opportunities which is a portfolio of projects, technologies and interventions from which individual actions will be identified during the implementation stage.

### 4. Adaptation Sector Actions:

This report has been prepared for the **Adaptation** sector, which was taken to include all activities related to dealing with the current or future potential impacts of climate change on our infrastructure, communities and daily lives and the necessary actions we must take to cope with the changing climate. An analysis of all 3282 LACAP actions in 31 LACAPs has concluded that:

- **508** of all 3282 actions relate to the Adaptation sector.
- these are contained in **all** of the 31 LACAPs.

Furthermore, an analysis of all 653 DZ actions has concluded that:

- **36** of the total DZ actions relate to the Adaptation sector.
- These are contained in **13** of the DZ plans (taking note that 8 local authorities did not list individual actions for their DZs).

Figure 2 shows the distribution of Adaptation actions across all local authority Climate Action Plans (LACAP) and Decarbonising Zones (DZ).

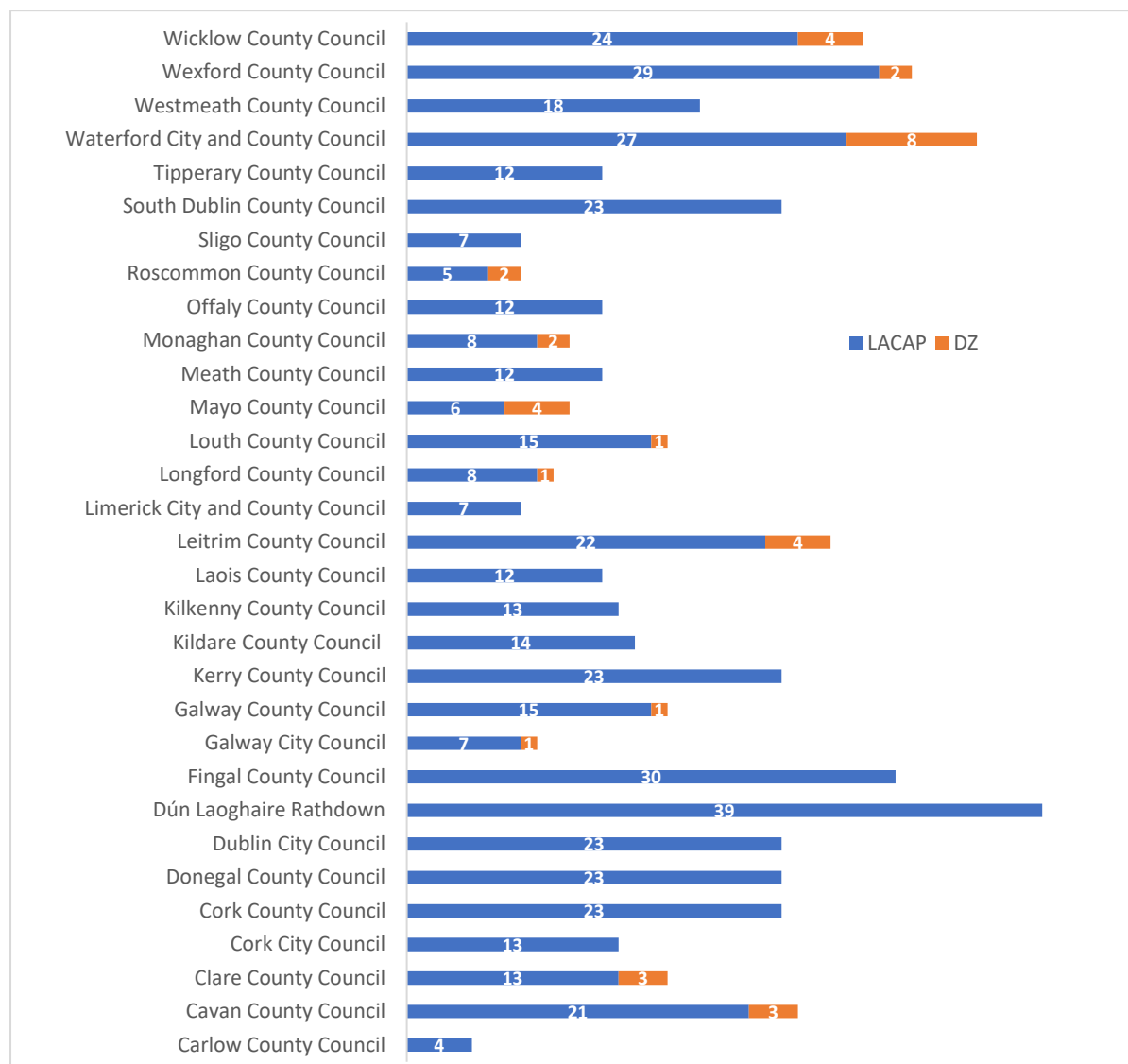


Figure 2: Breakdown of Adaptation sector LACAP and DZ actions according to Local Authority

### 4.1. Adaptation/Mitigation

All LACAPs identify adaptation and mitigation actions that will be implemented by the relevant local authority to reach its climate targets. Mitigation actions include those that reduce the causes of climate change and those that serve to maintain and enhance carbon sinks while adaptation actions include those that increase resilience to current climate and weather conditions and those that involve planning for future climate impacts. Combined actions are those that address climate mitigation and adaptation. Figure 3 shows the breakdown of LACAP actions relating to the Adaptation sector according to whether they are identified as mitigation or adaptation or combined. 48% of the total number of Adaptation sector actions across all LACAPs address both mitigation and adaptation while 32% are specifically mitigation actions and 20% specifically relate to adaptation.

Figure 4 shows the breakdown of DZ actions relating to the Adaptation sector according to whether they are identified as mitigation or adaptation or combined. 31% of the total number of Adaptation sector actions across all DZs address both mitigation and adaptation while 5% are specifically mitigation actions and 64% specifically relate to adaptation.

It is important to note that each individual local authority identified their actions as adaptation, mitigation or combined. Having assessed the LA CAPs it has been found that some of the actions identified as mitigation could in fact be more readily identified as relevant to the adaptation sector. To ensure these actions are highlighted to adaptation stakeholders they have been included in this report. This highlights the need to ensure that actions are identified and classified in a consistent manner in Climate Action Plans, across the public sector.

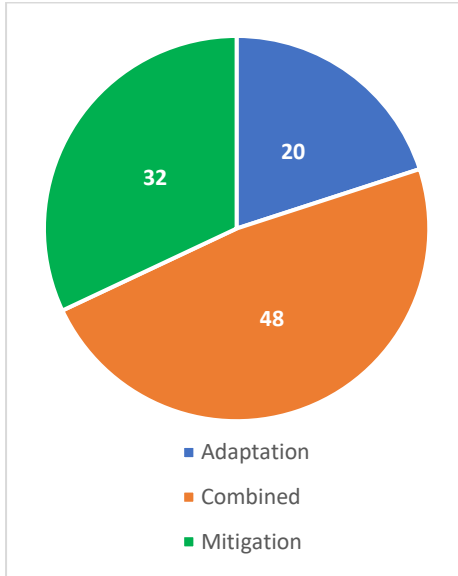


Figure 3: Percentage Adaptation/Mitigation breakdown of LACAP actions relating to the Adaptation sector

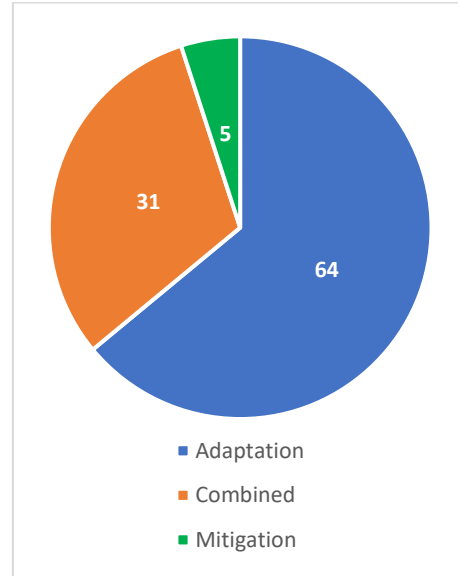


Figure 4: Percentage Adaptation/Mitigation breakdown of DZ actions relating to the Adaptation sector

## 4.2. Classification of Actions

Each action underwent a three-tier classification process, with 11 possible categories in Tier one, being further broken down into Tier 2 and Tier 3 categories.

Figure 5 shows the breakdown of all LACAP and DZ Adaptation sector actions according to Tier 1 Category with actions classified into 9 of the possible 11 categories.

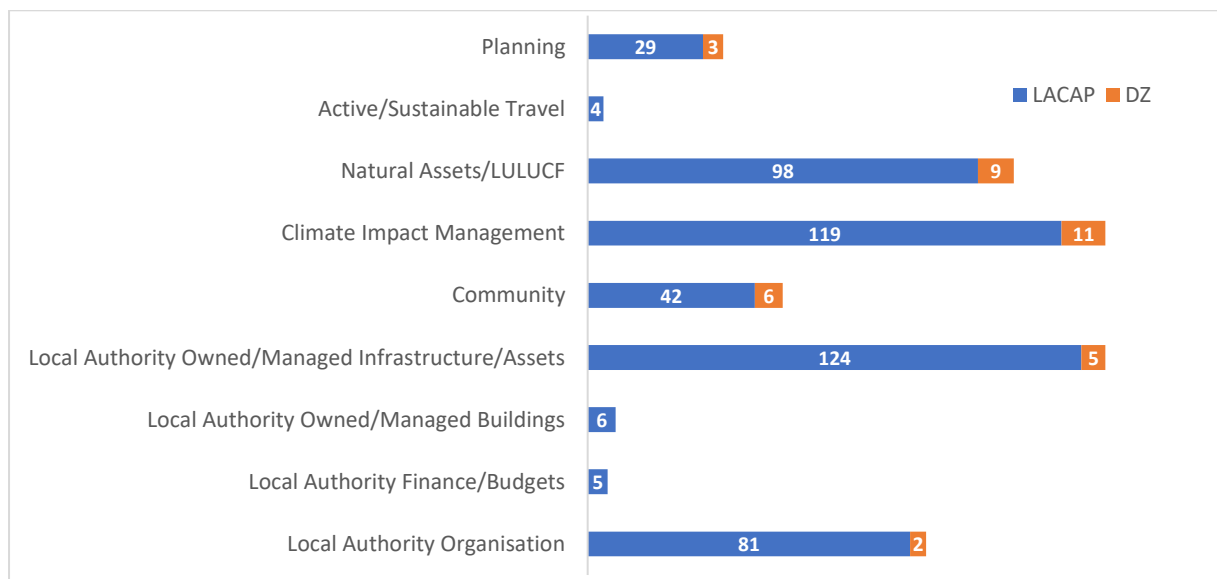


Figure 5: Tier 1 classification of LACAP and DZ Adaptation sector actions

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It is apparent that most Adaptation sector actions are associated with the broad themes of local authority owned and/or managed infrastructure and assets, climate impact management, Natural assets, land use, land use change and forestry (LULUCF) and local authority organisation with lower numbers of actions being classified as aligning with the community and planning themes. The types of actions that are listed under each of these categories are as follows:

### *Local authority owned and/or managed infrastructure and assets:*

- Prepare guidelines for nature based sustainable drainage solutions.
- Undertake a risk assessment of heritage, cultural and protected and archaeological structures to assess vulnerability to the impacts of climate change and to build resilience for these assets.
- Record the architectural, archaeological, and cultural heritage at sites where damage as a result of climate change is inevitable.
- Risk Assessment of road infrastructure to identify the severity of climate change risks on their function and condition.
- Undertake bridge repair programme to safeguard against climate impacts.
- Carry out ecological and habitat surveys on Local Authority lands to highlight areas at risk and those suitable for restoration and enhanced carbon storage.
- Deliver Climate Adaptation & Resilience improvement and maintenance programmes on the Regional and Local Roads network and active travel routes.
- Carry out risk assessment and audit of archives and collections to ensure disaster management plans are completed and actioned.
- Record and map the council surface water system including SuDS and flood embankments and make it available to all relevant staff from Operations & Planning.
- Development and implementation of a SuDS policy and continue the prioritisation of SuDS measures in Local Authority projects.

### *Climate impact management:*

- Implement flood relief schemes prioritising delivery of Catchment Flood Risk Assessment and Management (CFRAM) Programme.
- Source funding for flood relief works.
- Incorporate Flood Risk Management and Climate Change Sectoral Adaptation Plans into the spatial planning of the County.
- Flood risk assessment of infrastructure and liaise with relevant MCC Sections and Uisce Eireann to identify assets at risk from flooding/extreme rainfall.
- Ongoing implementation of flood forecasting and early warning systems.
- Improve the general maintenance plan for river channels, stormwater and surface water network.
- Record and document severe weather events and their impacts on the infrastructure as a baseline approach to future planning for severe weather events.
- Coastal erosion risk assessments and development and progression of suitable coastal protection and enhancement measures.
- Monitoring and Maintenance programme on existing coastal defences.
- Incorporate Nature-Based measures for coastal erosion in order to support the conservation and management of sand dunes.
- Develop risk assessments and climate adaptation measures for key natural, cultural, and infrastructural assets incorporating nature-based solutions, biodiversity, and water quality enhancement.



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### *Natural assets, Land Use, Land-use Change, Forestry (LULUCF):*

- Host an annual uplands forum to develop an integrated partnership with key stakeholders to develop carbon sequestration, catchment management and tackle recreational pressures on upland sites delivering protection of habitat.
- Maintenance of lakes and wetlands to increase storage capacity during severe weather events and increase sequestration.
- Promote not-for-profit tree planting programmes for targeted ecological improvements and ground stabilisation as a means of climate change mitigation, and carbon sequestration over the lifetime of the planted species.
- Integration of peatland soil maps with the council planning map systems to prevent further drainage and degradation.
- Risk assessment to identify waterbodies that are vulnerable to extreme weather events associated with climate change.
- Employ nature-based solutions within flood relief schemes and other Council developments.
- Risk assess habitats, ecosystems and wildlife corridors for their climate change resilience and identify those suitable for ecological restoration and enhanced carbon storage.
- Protect, conserve and enhance floodplains, wetlands, and coastal areas.
- Implement measures to mitigate the Urban Heat Island Effect in identified vulnerable areas.

### *Local Authority Organisation:*

- Review and adequately resource the implementation of the Major Emergency Plan & Flood Plan to ensure incorporation of climate risk.
- Set up cross-sectoral team to deal with emergency response and adverse weather events.
- Identify 'Critical Infrastructure Routes'.
- Develop a formal routine gully maintenance and cleaning plan.
- Risk assess the likely impacts of climate change on services and put in place measures to ensure continuity of service provision during severe weather events.
- Identify infrastructure at risk to the impacts of climate change and put in place measures to protect.
- Engage in research projects to develop technologies to assist in climate change adaptation.
- Increase annual budget for improved infrastructure at risk and drainage maintenance.
- Climate proofing of funding schemes administered by local authorities.

### *Community:*

- Raise awareness of the impacts of climate change and ways for communities to increase response and resilience to these impacts.
- Preparation of Community Rest Centres in the event of people being displaced e.g. by flood.
- Develop a template for community emergency plans
- Develop and promote extreme weather alert systems for the community.
- Identify communities vulnerable to Climate Impacts.
- Work with communities to adopt local adaptation measures (e.g. retrofit of SuDs, installation of raingardens, etc.) that reduce weather impacts.
- Support initiatives to build climate resilience of architectural and archaeological heritage in public and private ownership e.g. the Community Monuments Fund, Historic Towns Initiative, Built Heritage Investment Scheme and Historic Structures Fund.

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- Support initiatives to identify sites/areas where loss due to climate change is likely or inevitable, carry out recording of architectural, archaeological and cultural heritage at these sites to ensure preservation by record.
- Identify sites and opportunities to work with other agencies and communities on restoration of water levels and 'slow the flow' measures to mitigate flood risk.

### *Planning:*

- Undertake rainwater management planning for all main towns.
- Ensure the continued incorporation of Flood Risk Management and Climate Change Sectoral Adaptation Plans into the spatial planning of the County.
- Ensure new developments are adequately serviced with surface water drainage infrastructure.
- Ensure all new development is assessed in relation to the requirements of the OPW Guidelines for Planning Authorities - The Planning System and Flood Risk Management
- The planning application process shall assess the impact of new development in areas determined to have a water supply and quality constraint
- Develop and implement Coastal Zone Management policy and Marine Spatial Planning.
- Ensure impacts of climate change and sea level rise are considered for developments in the coastal zone.
- Assess new development for the implementation of natural water retention measures.
- Preparation of Climate Proofing Matrix to allow the proposed development to demonstrate how it incorporates climate mitigation and adaptation.
- Prepare wildfire management plan for high-risk areas.

All 508 LACAP and 36 DZ actions that have been identified as being relevant to the Adaptation sector are listed in Tables 1 and 2.

Table 1: LACAP actions that relate to the Adaptation sector

Local Authority	Action no.	Action
Carlow County Council	B 1.11	Review the Major Emergency Plan & Flood Plan to ensure incorporation of climate risk
Carlow County Council	B 1.12	Prepare Carlow County Council guidelines for nature based sustainable drainage solutions, ensuring the guidelines have appropriate regard to environmental protection requirements, including requirements to protect European sites.
Carlow County Council	NE 1.2	Implement the actions set out in the County Carlow Green Infrastructure Strategy; having due regard to environmental sensitivities such as archaeology, European sites, biodiversity and amenity value.
Carlow County Council	NE 1.7	Undertake a planned programme of risk assessments of the Heritage and Cultural Assets under the remit of Carlow County Council to assess the vulnerability and the risk to the historical environment from the impacts of climate change and to help build resilience to these important assets.
Cavan County Council	G23	To input to a feasibility assessment to determine if it is possible to identify waterbodies that are both particularly vulnerable to extreme water events associated with climate change, and at risk of not meeting the requirements of the EU Water Framework Directive with a focus on follow-up and protective/remedial action.
Cavan County Council	G32	Provision of appropriate and ongoing training for Climate Action Committee Members. Ensure that all staff are aware of how extreme weather events affects the council in terms of provision of services and finances.
Cavan County Council	BE 4	Apply a robust risk assessment and management framework to Local Authority owned buildings and properties to identify and protect against the key vulnerabilities to the impacts of climate change and mitigate against service disruption.
Cavan County Council	BE 16	Set up cross sectorial Adverse Weather steering committee to deal with, plan for adopt and mitigate for adverse weather events such as flooding. Collaborate & participate with SWFLM.
Cavan County Council	BE 17	Resolve local flooding issues utilising OPW and Department of Transport funding (Drainage programme, Climate Adaptation and Resilience Works, OPW Minor Works Scheme having due regard to the protection of biodiversity and European sites and avoidance of habitat fragmentation.
Cavan County Council	BE 18	Ensure that potential future flood information is obtained/generated by way of a Flood Risk Assessment (FRA) and used to inform suitable adaptation requirements within the Development Management process and for preparation of the County Development Plan, in line with the Guidelines for Planning Authorities on Flood Risk Management (DoHLGH & OPW, 2009).
Cavan County Council	BE 19	Implement a cross sectoral Emergency Response Planning Team.
Cavan County Council	BE 20	Undertake annual reviews of our Emergency Response Plan to account for more frequent climate change events. Ensure that emergency response plans are reviewed annually to ensure the appropriate resource capacity is in place to provide an effective emergency response, to issues increasing as a result of climate change including floods and wildfire.
Cavan County Council	BE 21	Develop a formal routine gully maintenance and cleaning plan to ensure that programs are in place in all towns and villages prone to flooding and that all gully's are cleaned in advance of the Autumn and winter seasons.

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Cavan County Council	BE 22	Implement the use of the Weather Impact Register across all Municipal Districts to record and collate the actual impacts of all severe weather events on national platform.
Cavan County Council	BE 23	Undertake a Risk Assessment of road infrastructure to identify the severity of climate change risks on their function and condition. The risk assessment should provide for an understanding and quantification of risks posed. The findings should be integrated into decision making processes, road infrastructure programmes and investment strategies.
Cavan County Council	BE 24	Explore ways to minimise the expected increase in maintenance requirements and costs to road infrastructure from climate stress - Integrating climate change considerations at design stages - Explore the climate resilience of materials used in road construction and maintenance. Examine options to reduce road settlement due to severe weather events.
Cavan County Council	BE 25	Undertake a risk assessment of heritage, cultural and protected and archaeological structures to assess vulnerability to the impacts of climate change and to build resilience for these assets.
Cavan County Council	N 8	Assist with a feasibility assessment to determine if it is possible to identify waterbodies that are both particularly vulnerable to extreme water events associated with climate change having due regard for environmental sensitivities such as the receiving water environment, local air quality, biodiversity, European sites, and cultural heritage related sensitivities.
Cavan County Council	N 9	Development and Implementation of a SUDS policy and continue the prioritisation of SUDS measures in local authority projects ensuring the plan takes nature-based solutions/ protection of biodiversity and avoidance of habitat fragmentation into consideration.
Cavan County Council	N 11	Cavan County Council will seek to prioritise the delivery of Catchment Flood Risk Assessment and Management (CFRAM) Programme identified flood schemes in the county and promote nature-based solutions and integral to these schemes having due regard to the need to promote nature based solutions and Sustainable Drainage Systems, and environmental sensitivities at these locations, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology, visual amenity and recreation and amenity value.
Cavan County Council	N 17	Promote not-for-profit tree planting programmes for targeted ecological improvements and ground stabilisation as a means of climate change mitigation, and carbon sequestration over the lifetime of the planted species
Cavan County Council	N 20	Integration of peatland soil maps with the council planning map systems to prevent further drainage and degradation.
Cavan County Council	C 1	Implement an awareness campaign to educate the public on climate change mitigation and adaptation measures including the circular economy, promoting biodiversity, food production in community gardens, water conservation and carbon reduction initiatives. Promote various funding streams and grants to assist homes, communities and businesses to implement positive climate actions. Having due regard to environmental sensitivities such as protected species, European sites and biodiversity.
Cavan County Council	C 8	Raise awareness of the impacts of climate change and ways for communities to increase response and resilience to these impacts.
Cavan County Council	C 15	Partner with Cavan Institute of Education to explore innovative Climate Action Adaptation and Mitigation research projects.
Clare County Council	G 2.2	Mainstream climate mitigation and adaptation as integral considerations in the development of the Clare County Council Corporate Plan 2024 - 2029

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Clare County Council	BE 1.9	Undertake a county wide review of built facilities (eg. trails, car parks, bus stops, public toilets, interpretative centres) enabling visitor and community access to our cultural and natural assets to form the basis for a development plan for the enhancement, monitoring, and adaptive management of such facilities to ensure the sustainable management of the projected increase in demand for access to these assets.
Clare County Council	BE 3.1	Review Major Emergency Plan and other relevant risk management plans to ensure incorporation of up-to-date climate risk information
Clare County Council	BE 3.2	Develop updated risk assessment of coastal erosion for Clare to manage vulnerability arising from climate impacts
Clare County Council	BE 3.3	Undertake bridge repair programme to safeguard against climate impacts, having due regard to the need to appropriately protect and conserve protected structures in accordance with relevant protected structures regulations, and the need to not negatively impinge on any protected species or European sites.
Clare County Council	BE 3.4	Carry out condition survey of Clarecastle Flood Barrage to inform short, medium, and long-term decision making on future flood strategy having due regard to the need to appropriately protect and conserve protected structures in accordance with relevant protected structures regulations, and the need to not negatively impinge on any protected species or European sites.
Clare County Council	BE 3.5	Implement the recommendations of the Catchment Flood Risk Assessment and Management Study (CFRAMS) programme as it relates to County Clare and to ensure that flood risk management policies and infrastructure are progressively implemented, Having due regard to the need to promote nature-based solutions and Sustainable Drainage Systems, and environmental sensitivities at these locations, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology, visual amenity and recreation and amenity value.
Clare County Council	BE 3.6	Municipal Districts to identify areas of concern within the Arterial Drainage network and Surface Water network that result in flooding of roads and public assets with a view to creating a programme for maintenance of specific areas.
Clare County Council	BE 3.7	Carry out review of the Flood mapping for the Ennis area to identify areas of risk
Clare County Council	T 1.14	Collaborate and support Irish Rail and all stakeholders towards resolving the flooding issue at Ballycar
Clare County Council	T 1.16	Advance the remediation/development of footpaths across the county to include remediated footpaths and new build footpaths
Clare County Council	N 1.15	Prioritise vulnerable heritage sites that are identified as being most at risk and determine key actions for their protection through the preparation of Conservation Management Plans
Clare County Council	N 2.5	Work with Irish Water and LAWPRO (Local Authority Waters Programme) to identify the impacts of critical and vulnerable receptors in accordance with the River Basin Management Plan and Water Framework Directive and support the implementation of all relevant remediation and mitigation measures required to maintain or achieve good or high quality water status in the County
Cork City Council	1.18	Continue to implement the Cork City Climate Change Adaptation Strategy 2019-2024. When it expires, ensure that relevant outstanding actions that are not specified in the CAP are assumed into the Implementation Plan for the CAP.

Cork City Council	1.19	<p>Maximise the benefits of EU Missions &amp; Programmes through the development of new city-to-city partnerships, leveraging resources, learning and training, and communications:</p> <ul style="list-style-type: none"> <li>• 100 Climate-Neutral &amp; Smart Cities</li> <li>• Climate Adaptation Mission</li> <li>• Oceans Mission</li> <li>• Intelligent Cities Challenge</li> </ul>
Cork City Council	3.17	<p>Implement the South Docklands Drainage and Flood Protection Strategy, having due regard to opportunities to promote nature-based solutions and Sustainable Drainage Systems, and environmental sensitivities, including water quality, biodiversity, European sites, aquatic ecology, visual amenity and recreation and amenity value.</p>
Cork City Council	3.21	<p>Mainstream Green and Blue Infrastructure priorities into the design and delivery of all built environment and energy projects in the city, supported by the rollout and adoption of decision-support tools like the GBI Hub. Demonstrate mainstreaming in priority projects including: Lee to Sea Greenway; Vernon Mount Park Project; Decarbonising Zone; and all new Rewilding, Rewetting and Reafforestation projects in the city. Have due regard to opportunities to enhance tourism, recreation and heritage value associated with supported projects, and environmental sensitivities such as the receiving water environment, local air quality, biodiversity, European site, and heritage related sensitivities</p>
Cork City Council	3.25	<p>Implement the Morrison’s Island Public Realm Scheme, having due regard to the need to promote nature-based solutions and Sustainable Drainage Systems, and environmental sensitivities, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology, visual amenity and recreation and amenity value.</p>
Cork City Council	3.26	<p>Facilitate the OPW’s Lower Lee Flood Relief Scheme (LLFRS) as appropriate, having due regard to the need to promote nature-based solutions and Sustainable Drainage Systems, and environmental sensitivities, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology, visual amenity and recreation and amenity value.</p>
Cork City Council	3.27	<p>Facilitate flood relief works in Glanmire, having due regard to the need to promote nature-based solutions and Sustainable Drainage Systems, and environmental sensitivities, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology, visual amenity and recreation and amenity value.</p>
Cork City Council	3.28	<p>Create a climate risk register for all built heritage and cultural assets in the city.</p>
Cork City Council	3.29	<p>Identify all local authority-owned heritage assets; prepare risk and management plans as appropriate, plan and carry out regular programmes of inspection, maintenance and conservation to develop climate resilience.</p>
Cork City Council	3.3	<p>Create guidelines for non-specialists on sensitive adaptation, recovery from climate-change impacts and sustainable reuse and energy conservation in historic buildings.</p>
Cork City Council	3.31	<p>Continue to improve energy and performance and build climate resilience in local architectural heritage through management and administration of the Built Heritage Investment Scheme, Historic Structures Fund and any other relevant funds introduced. Promote adherence to planning and environmental protection requirements during retrofitting projects supported by this action, as appropriate.</p>

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Cork City Council	5.6	Incorporate climate adaptation and mitigation considerations into the forthcoming updated Cork City Landscape Strategy.
Cork City Council	5.33	Identify water bodies that are especially vulnerable to extreme water events associated with climate change and at risk of not meeting the requirements of the EU Water Framework Directive.
Cork County Council	4.4.1.6.1	Work with communities to ensure that community Rest Centres are prepared in the event of people being displaced e.g. by flood.
Cork County Council	4.4.1.6.2	Develop a template for community emergency plans to assist communities to prepare their own location specific emergency community plans.
Cork County Council	4.5.1.2.1	Work with stakeholders to create a Climate Risk Register of all natural heritage assets at a habitat level.
Cork County Council	4.5.1.5.2	Continue to manage and treat Invasive Alien Plant Species, in line with developed IAPS Management Plans, in the scheme areas for flood relief schemes and coastal projects.
Cork County Council	4.5.2.1.3	Work with partners LAWPRO, Uisce Eireann, etc. to identify the climate impacts on critical and vulnerable receptors in accordance with the River Basin Management Plan and Water Framework Directive and assist in the improvement of river water quality and restoration projects, whilst promoting the need to consider environmental protection requirements during such projects.
Cork County Council	4.5.2.1.4	Utilise natural flood management where feasible and financially viable, having due regard to the need to protect environmental sensitivities at these locations, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology.
Cork County Council	4.5.2.3.1	With partners, undertake a Coastal Vulnerability Assessment of the Cork coastline to assess the impact of sea level rise to shoreline change of the Cork Coastline, to inform integrated coastal zone management and identify areas with particular requirements, and to address coastal erosion and implement coastal flooding prioritising ecosystem-based adaptation actions, having due regard to environmental sensitivities such as European sites and biodiversity.
Cork County Council	4.5.2.3.2	Assist in the development of a Coastal Vulnerability Index and GIS tool. This is intended to illustrate the exposure risk along the entire Cork County coastline. This tool will inform the strategic planning of coastal management along the cork coastline.
Cork County Council	4.5.2.3.3	Conduct Beach Sediment Transportation study, to monitor select sites, document coastal change over time, , develop and validate predictive models and inform funding and future interventions having due regard to environmental sensitivities such as European sites and biodiversity.
Cork County Council	4.5.2.3.4	With stakeholders, identify climate adaptation measures for coastal infrastructure & associated defences, and utilize natural coastal management where feasible and financially viable, having due regard to environmental sensitivities such as European sites and biodiversity.
Cork County Council	4.5.5.1.1	Encourage the promotion of sustainable land use practices and nature-based solutions to water resource management and flooding which can enhance community resilience by providing natural flood defences, promoting climate adaptation, having due regard to environmental sensitivities, including Biodiversity, European sites, water quality and sensitive human receptors.

Cork County Council	4.6.1.7.2	Work with LAWPRO (Local Authority Water Programme) to identify the impacts of critical and vulnerable receptors in accordance with the River Basin Management Plan and Water Framework Directive.
Cork County Council	4.6.1.8.2	Use weather forecasts to predict high rainfall events which could impact on bathing water quality at monitored bathing waters. Based on risk assessment, issue warning notices at beaches where it is predicted that water quality may be negatively impacted by weather event.
Cork County Council	4.8.5.1.1	Explore opportunities to undertake climate adaptation measures as part of public realm works
Cork County Council	4.8.5.1.2	Work with communities to adopt local adaptation measures that reduce local weather impacts considering intensity, duration, and frequency, having due regard to the need to promote nature based solutions and Sustainable Drainage Systems, and environmental sensitivities, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology.
Cork County Council	4.8.5.2.1	Develop & implement SUDS & nature-based approaches to manage surface water and protect rivers from pollutants in road water run-off and slow the addition of water volume to mitigate flooding for development projects. Ensure due regard is given environmental sensitivities, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology, during any supported development projects.
Cork County Council	4.8.5.2.2	Undertake rainwater management planning for all main towns. Assist Planning Policy Unit to develop a rainwater management plan for Urban settlements, having due regard to the need to promote nature based solutions and Sustainable Drainage Systems, and environmental sensitivities, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology.
Cork County Council	4.8.5.2.3	Support the roll out of Flood Relief Schemes in the County, including those in partnership with the OPW, as identified through the Catchment Flood Risk Assessment and Management (CFRAMS) Programme and in the County Strategic Flood Risk Assessment, having due regard to the need to promote nature-based solutions and Sustainable Drainage Systems, and environmental sensitivities at these locations, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology.
Cork County Council	4.8.5.2.4	Develop a template for rainwater management plans in other urban areas.
Cork County Council	4.8.5.2.5	Assist the Planning Department with assessment of planning applications to ensure that, all new developments/planning applications within the County have flood risk assessments in accordance with the County Development Plan, The Planning System and Flood Risk Management – Guidelines for Planning Authorities (2009), the requirements of DECLG Circular P12/2014 and the EU Floods Directive.
Cork County Council	4.8.5.2.6	Develop a Scheme Climate Change Adaptation Plans (SCCAP) template for flood relief schemes.
Cork County Council	4.8.5.2.7	During the operational lifetime of flood relief schemes, ensure that any upgrades and/or replacements use best available energy efficient technology and/or best practice, including innovative solutions where financially viable.
Cork County Council	4.8.5.3.1	Assess bridge infrastructure in line with predicted climate impacts, having due regard to the need to appropriately protect, conserve and enhance important habitats and species and European sites, and the conservation status of protected bridges



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Donegal County Council	GL 4.4	Review DCC's Flood Emergency Response Plan and Major Emergency Plan on a regular basis to reflect the increase in climate change related risks including flooding.
Donegal County Council	GL 4.5	Implement the County Heritage Plan to record, conserve and raise awareness of all aspects of built, natural, archaeological and cultural heritage.
Donegal County Council	BE 5.1	Be proactive in providing flood resilience to municipal infrastructure by conducting flood risk assessments and seeking OPW Funding through their Minor Works programme where necessary and applying nature-based solutions where appropriate.
Donegal County Council	BE 5.2	Deliver 'Climate Adaptation & Resilience' projects on the Regional and Local Roads network, to improve the resilience and sustainability of the regional and local road network and minimise activities that are contributors to climate change.
Donegal County Council	BE 5.3	Ensure that the design of future municipal infrastructure considers flood resilience, applying nature-based solutions where appropriate, and that they do not increase flood risk elsewhere.
Donegal County Council	BE 5.4	Continue to deliver on the Restoration Improvement (RI) and Restoration Maintenance (RM) Programmes on the public road network.
Donegal County Council	BE 5.5	Continue to deliver on the Winter Maintenance Programmes for public roads and the introduction of Brine to pre-wet salt.
Donegal County Council	BE 6.1	Support national and regional initiatives to build climate resilience of architectural and archaeological heritage in public and private ownership e.g. the Community Monuments Fund, Historic Towns Initiative, Built Heritage Investment Scheme and Historic Structures Fund.
Donegal County Council	BE 6.2	Support national and regional initiatives to develop projects to upgrade the climate resilience of traditional buildings and to promote use/adaptive reuse of historic structures.
Donegal County Council	BE 6.3	Undertake a climate risk assessment of local authority owned assets (cultural, built, archaeological and natural) based on forthcoming methodology for local authorities from the DHLGH.
Donegal County Council	BE 7.1	Support the OPW in implementing the EU Floods Directive through the North Western and Erne River Basin Flood Risk Management Plans.
Donegal County Council	BE 7.2	Collaborate with the OPW and lead delivery of viable Flood Relief Schemes already launched for development.
Donegal County Council	BE 7.3	Implement and trial a new delivery model for Flood Relief Schemes on behalf of the Office of Public Works.
Donegal County Council	BE 7.4	Support national and regional initiatives to review storm water infrastructure to improve sustainable drainage and reduce the risk of flooding in the urban environment.
Donegal County Council	NE 1.1	Prepare and begin to implement a Biodiversity Action Plan for the County to protect and enhance local biodiversity including climate-resilient measures.
Donegal County Council	NE 3.2	Undertake Coastal Erosion & Flood Risk Management (CFERM) Studies in vulnerable coastal areas and follow up on recommendations.
Donegal County Council	NE 4.1	Develop a protocol for the application of NBS to Council projects and provide training on same.

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Donegal County Council	NE 4.2	Within the development of Flood Relief Schemes, identify opportunities for Nature Based Solutions as a possible flood relief measure alone, or in combination with other types of flood defence.
Donegal County Council	NE 4.3	Based on Nature Based Solutions opportunity mapping, assess feasibility and consider multi benefits of implementation within an overall NBS road map.
Donegal County Council	NE 4.4	Based on NBS road maps, seek funding opportunities for implementing NBS in appropriate catchments throughout Donegal.
Donegal County Council	NE 4.5	Integrate Nature based design solutions in the form of SuDs within the TEN-T Priority Route Improvement Donegal Project.
Donegal County Council	CR 3.2	Support National and Regional initiatives to identify sites/areas where loss due to climate change is likely or inevitable, carry out recording of architectural, archaeological and cultural heritage at these sites to ensure preservation by record, and palliative curation to assist communities with loss.
Donegal County Council	CR 4.1	Ensure that DCC's Business Continuity Plan is reviewed on a regular basis to reflect climate change.
Dublin City Council	C 3.1	Resilient North East Inner City
Dublin City Council	C 3.2	Climate Smart Districts
Dublin City Council	RF 1.2	Dublin Bay UNESCO Biosphere Discovery Centre
Dublin City Council	RF 1.3	Liffey Vale Biodiversity Centre
Dublin City Council	RF 2.1	Santry River Restoration
Dublin City Council	RF 2.2	Camac River Restoration
Dublin City Council	RF 2.3	The Liffey a Place for Leisure
Dublin City Council	S 1.1	Delivery of Active Travel projects in accordance with the 2022 to 2024 projects (C2CC, Liffey, Royal Canal)
Dublin City Council	S 1.2	Delivery of Active Travel projects in accordance with the 2025 to 2027 projects
Dublin City Council	S 1.3	Delivery of Active Travel projects in accordance with the 2027 and onward projects
Dublin City Council	S 1.4	Community Participation Events to celebrate new active travel routes as they open and encourage use
Dublin City Council	S 2.2	Quiet Zones
Dublin City Council	S 7	Risk workshops to assess the likely impacts of climate change on Council services and across the city.

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Dublin City Council	OS 4	Regular maintenance of regional and local roads and active travel routes to mitigate risks.
Dublin City Council	OS 8	Monitoring of flood forecasting and warning system.
Dublin City Council	OS 9	Implement flood risk management guidelines.
Dublin City Council	OS 10	Monitor implementation of flood risk management guidelines in planning applications, having due regard for environmental sensitivities such as European sites, Biodiversity, Archaeology and amenity value etc.
Dublin City Council	OS 11	Coordinate Emergency Response Plans and revise based on learnings from management of response to events, having due regard for environmental sensitivities such as European sites, Biodiversity, Archaeology and amenity value etc.
Dublin City Council	OS 12	Update DLA urban drainage and flooding policies promoting natural flood measures as a priority to inform new development plan.
Dublin City Council	OS 25	Implement the North Bull Island Management Plan.
Dublin City Council	OS 27	Identify natural heritage at risk from climate change in Dublin City to inform planning and management decisions.
Dublin City Council	EP 7	Implement flood awareness campaign with the OPW following a holistic environmentally integrated approach.
Dublin City Council	EP 9	Communication and awareness campaigns on flood risk management and natural flood management measures.
Dún Laoghaire Rathdown	EB 23	Complete Climate Change Risk Assessments on identified dlr owned architecture/ archaeology
Dún Laoghaire Rathdown	EB 24	Prepare and implement 'Disaster Management Plans' for built heritage to include regular programmes of inspections, maintenance and conservation
Dún Laoghaire Rathdown	EB 25	Carry out risk assessment and audit of dlr archives and collections to ensure disaster management plans are completed and actioned
Dún Laoghaire Rathdown	EB 27	Identify sites/areas where damage as a result of climate change is inevitable and record the architectural, archaeological, and cultural heritage at these sites
Dún Laoghaire Rathdown	T 19	Implement alternative treatments for winter maintenance operations and respond appropriately in line with the latest available guidance, practices and industry standards to any longer-term weather predictions advised by Met Eireann and the Vaisala road condition forecast system
Dún Laoghaire Rathdown	T 20	Identify opportunities to upgrade the existing road and footway network to mitigate damage due to weather events and to provide new footpaths
Dún Laoghaire Rathdown	T 21	Identify opportunities and upgrade existing road network drainage systems

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Dún Laoghaire Rathdown	T 22	Develop and implement an annual Bridge Inspection and Maintenance Programme and increase the number of bridge structures on which maintenance works are carried out annually, having appropriate regard to protected species and structures regulations
Dún Laoghaire Rathdown	T 23	Explore the use of sustainable methods of road surfacing that minimise the use of raw materials
Dún Laoghaire Rathdown	F 1	Progress Flood Alleviation schemes in the county in conjunction with the Office of Public Works (OPW)
Dún Laoghaire Rathdown	F 2	Review and update Major Emergency Management Response plans, dlr policies or relevant procedures with national legislation and regulation on climate change adaptation and flood management
Dún Laoghaire Rathdown	F 3	Continuation of the 'Expansion of the Surface Water GIS Database' (Surveying, Mapping & Maintenance)
Dún Laoghaire Rathdown	F 4	Ensure recording of flood events (fluvial and pluvial) and major climate events, utilising a Geographic Information System (GIS) based system, to consistently capture locations, impacts, response resources, costs etc., to facilitate the development of climate adaptation measures
Dún Laoghaire Rathdown	F 5	Update annually the flooding risks to the services provided by dlr
Dún Laoghaire Rathdown	F 6	Engage with neighbouring Local Authorities and other relevant organisations on regional flood management issues and support the implementation of flood forecasting systems
Dún Laoghaire Rathdown	F 7	Identify and progress minor works schemes to resolve recurring flood issues, where possible, ensuring the schemes are designed and implemented to include Sustainable Urban Drainage Systems (SuDS) / nature- based solutions/ protection of biodiversity and avoidance of habitat fragmentation
Dún Laoghaire Rathdown	F 8	Develop, protect, and conserve riparian corridors, in line with the County Development Plan 2022- 2028 and its future iterations
Dún Laoghaire Rathdown	F 12	Develop a maintenance plan for SuDS assets that are taken in charge by dlr, ensuring their continued operation; ensuring the plan takes nature-based solutions/ protection of biodiversity and avoidance of habitat fragmentation into consideration
Dún Laoghaire Rathdown	F 13	Review screen monitoring cameras during flood events (repair and install as necessary)
Dún Laoghaire Rathdown	F 14	Improve the maintenance plan for the stormwater and surface water network, with the link to flood event forecasting and incorporate data of known locations with problems
Dún Laoghaire Rathdown	F 15	Review gully maintenance plan and operations for improvements, considering areas with recurring issues and smart technology opportunities
Dún Laoghaire Rathdown	F 16	Maintenance of key lakes and wetlands, existing flood storage facilities to maintain storage capacity during severe weather events
Dún Laoghaire Rathdown	F 17	Update the Coastal Defence Strategy report to advise future protection measures and implement as necessary; having due regard to environmental sensitivities such as European sites and biodiversity

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Dún Laoghaire Rathdown	F 18	Implement coastal monitoring programme
Dún Laoghaire Rathdown	F 19	Work with Córas Iompair Éireann (CIE) on coastal defence measures; having due regard to environmental sensitivities such as archaeology, European sites, biodiversity and amenity value
Dún Laoghaire Rathdown	F 20	Develop an Integrated Coastal Zone Management Plan, which supports the appropriate protection and enhancement of the coastal environment
Dún Laoghaire Rathdown	F 22	Participate and assist with the EU SCORE Project using Dún Laoghaire as a 'Coastal Living Lab' using an integrated solution of smart technologies and nature-based solutions
Dún Laoghaire Rathdown	F 23	Develop a resource management plan to ensure that sufficient resources required to deliver on the actions in this theme are in place
Dún Laoghaire Rathdown	F 24	Develop template to capture impacts, response, and costs (including ecosystem services/natural capital costs) for all major climate events
Dún Laoghaire Rathdown	N 6	Map wildlife corridors across the County and evaluate their ecosystem services including climate change resilience
Dún Laoghaire Rathdown	N 7	Assessment and remediation options of the impacts on important ecosystems, habitats, and species from the protection/management measures to mitigate or adapt to climate change
Dún Laoghaire Rathdown	N 8	Carry out ecological audit and surveys of dlr lands and highlight areas at risk from climate change and areas for protection, restoration, and enhancement for carbon storage Identify wildlife corridors and connectivity to the dlr Ecological Network
Dún Laoghaire Rathdown	N 9	Prepare and implement a Habitat and Species Management Plan for Killiney and Roches Hill proposed Natural Heritage Areas (pNHA) in the face of climate change and wildfires
Dún Laoghaire Rathdown	N 10	Prepare a Habitat and Species Management Plan for Booterstown Marsh proposed Natural Heritage Areas (p.N.H.A.) a Protected Plant Species Site and part of the South Dublin Bay and Tolka Estuary Special Protection Area subject to the agreement of the National Parks and Wildlife Service
Dún Laoghaire Rathdown	N 15	Finalise and Implement Wildfire Strategy for Killiney Hill and Roches Hill
Dún Laoghaire Rathdown	N 21	Protect and conserve floodplains, wetlands, and coastal areas including those subject to flooding
Dún Laoghaire Rathdown	N 23	Run Workshops on Nature Based Solutions, Green Infrastructure and Sustainable Urban Drainage Systems (SuDS)
Dún Laoghaire Rathdown	C 8	Promote and encourage community involvement in the retrofit of SuDS or development of natural flood management measures and blue/green infrastructure in existing housing / developments/local areas
Dún Laoghaire Rathdown	C 19	Create training programmes for local authority staff/public in the use of traditional and sustainable materials and skills, carbon literacy, protection of heritage assets and any other specific skills training necessary to address the adaptation, mitigation and emergency management issues arising from the impact of climate change
Fingal County Council	F 1	Update Council Emergency Response Plans to include flood event response

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Fingal County Council	F 2	Ensure annual update of the specific risks to service provision in each FCC Department that may be impacted by Climate Change, building on the Climate Change Risk Assessment developed for the CAP.
Fingal County Council	F 3	To engage with the Fingal Coastal Liaison Group with the integration of adaptation strategies into planning policies, etc.
Fingal County Council	F 4	Develop and implement Coastal Protection Plan for Portrane
Fingal County Council	F 5	Progress Flood Alleviation schemes in conjunction with the OPW - including Mill Stream Skerries, Bissett Strand and The Green Malahide Village, Portmarnock Bridge,
Fingal County Council	F 6	Continued engagement with the OPW to progress further studies of areas within Fingal at risk of flooding, and development of suitable schemes such as Strand Road Sutton and Santry
Fingal County Council	F 7	Progress appropriate minor works schemes to resolve recurring flood issues, where possible, ensuring the schemes are designed and implemented to promote SUDs / nature based solutions.
Fingal County Council	F 8	Develop a coastal monitoring programme to measure coastal erosion along the Fingal coast
Fingal County Council	F 9	Facilitate the development of a National Coastal Monitoring Survey Programme
Fingal County Council	F 10	Identify sites where flood defence features can be removed or relocated to increase flood capacity of rivers and estuaries
Fingal County Council	F 11	Restore St Ita's wetlands to maximise water attenuation capacity and nature conservation benefits
Fingal County Council	F 12	Record on a GIS layer the council surface water system and make it available to all relevant staff from Operations & Planning. This must include all SuDS systems and flood embankments
Fingal County Council	F 13	Prepare a maintenance register for the entire surface water system within the county, including SuDS, pipes and culverts to aid proactive maintenance, alleviate flooding and maintain water quality
Fingal County Council	F 14	Develop an improved maintenance plan for SuDS assets that are taken in charge by FCC, ensuring their continued operation.
Fingal County Council	F 16	Develop a Blue/Green Roof Guideline to assist both internal and external stakeholders implement these systems as per the County Development Plan objectives
Fingal County Council	F 18	Drive the implementation of SuDS in FCC Capital projects, including new builds, retrofits etc, and monitor the level of implementation.
Fingal County Council	F 19	Create a case study of SuDS at Local Area Plan level
Fingal County Council	F 20	Ensure new Local Area Plans feature Urban Greening Proposals.
Fingal County Council	F 22	Assess resilience of regional and local roads in line with Climate Adaptation Strategy issued by the Department of Transport

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Fingal County Council	F 23	Assess Resilience of Bridge Infrastructure vulnerable to impact of climate change
Fingal County Council	F 24	Develop maintenance and condition survey programmes for Council owned historic buildings and ancient monuments that are informed by climate change impacts.
Fingal County Council	F 25	Archaeological and heritage assets to form part of all climate risk assessments including opportunities for integration of cultural heritage in adaptative mitigations e.g. green infrastructure, cycle ways, nature-based solutions etc.
Fingal County Council	F 26	Use the findings of the Fingal Cultural Heritage & Climate Risk Assessment to prioritise and pilot adaptative and palliative measures for heritage assets in Council ownership
Fingal County Council	F 27	Support and develop citizen science projects such as Fingal X Heritage as a means of monitoring climate change impacts on Fingal's heritage assets and raising public awareness
Fingal County Council	F 28	Identify projects and opportunities for collaboration with relevant stakeholders to assess and prioritise cultural heritage sites vulnerable to climate change
Fingal County Council	F 29	Build climate resilience of archaeological and built heritage in public and private ownership through the Community Monuments Fund
Fingal County Council	N 4	Develop SUDS demonstration sites in the Tolka Valley, Ward River Valley, Balbriggan town Park and Rogerstown estuary
Fingal County Council	N 5	Implement wildfire fire management strategy for Howth Head
Fingal County Council	N 7	Commission a study to report on the ecosystem services/nature-based solutions provided by Fingal's trees with reference to their economic/climate change adaptation benefits
Fingal County Council	C 17	Provide resources including equipment and funding for marine clean-up and awareness events. Deliver an annual coastal event in the community such as awareness of and protection measures for sand dunes.
Galway City Council	9	Conduct climate risk assessment on the future impacts of climate change in Galway City.
Galway City Council	10	Leverage actions from engagement in the EU Missions on Adaptation to Climate Change community of practice, which consists of leaders on climate adaptation in the European region to strive towards climate resiliency through a cooperative and just approach for the people of Galway City.
Galway City Council	11	Review and update Galway City Council Major Emergency Plan to ensure incorporation of climate risks such as flash floods, storms, heatwaves, droughts and wildfires for Galway City, leverage best practices and learnings from government and local authority responses in other countries where climate events have occurred to leverage knowledge in formulating Galway City's responses.
Galway City Council	12	Deploy weather impact register (WiRE) app to ensure GCC capture information of adverse climate events in a central location for future records, ease of location and reference. Consider rollout of the MapAlerter localised alert and notification service (SMS, App and Email).

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Galway City Council	23	Support the upgrade of stormwater pipe capacity in collaboration with Uisce Éireann, arising from the completion of the Greater Galway Strategic Drainage Study (GGSDS) and support implementation of the Galway Drainage Area Plan (DAP).
Galway City Council	33	Continue to support implementation of the Galway City Climate Adaptation Plan and the Coirib go Cósta - Galway City Flood Relief Scheme.
Galway City Council	42	Explore the potential for integrating Nature Based Solutions (NBS) on all internal and GCC permitted projects, with the aim of enhancing climate resilience and fostering biodiversity net gain. Further to include sustainable urban drainage systems, with appropriate regard to environmental protection requirements, including designated European sites. Increase in leaf cover in Galway City area, considering trees and vertical shading solutions.
Galway County Council	GL 3.7	Seek national guidance on the development of Carbon Budgets and Accounting for actions/objectives in GCC plans to ensure consistency with the sectoral carbon targets. Seek national guidance on long-term multi-decade sea level rise and consider as part of long-term land use planning, including in the development of the next iteration of the County Development Plan.
Galway County Council	LN 2.2	Audit local authority land and buildings, carry out ecological/habitat surveys and highlight areas at risk (as well as areas which are thriving or providing sequestration services) and those suitable for restoration and enhanced carbon storage, community purposes or as wildlife corridors for protection through statutory plans.
Galway County Council	LN 3.1	Ensure all LA-led projects consider nature-based solutions.
Galway County Council	AD 1.1	Collaborate with OPW and other relevant stakeholders in assessing the likely impacts of climate change, including sea level rise, coastal erosion and flooding, on the built environment and heritage sites. Prioritise areas for further assessment and seek funding/support to mitigate the risk. Assist CARO in the development of a register of critical infrastructure, systems and assets at risk from existing and projected climate events.
Galway County Council	AD 1.2	Collaborate with Government organisations to provide capital measures for identified priority areas incorporating nature based solutions, biodiversity and water quality enhancement.
Galway County Council	AD 1.3	Ensure the continued incorporation of Flood Risk Management and Climate Change Sectoral Adaptation Plans into the spatial planning of the County, having due regard to the need to promote nature based solutions and Sustainable Drainage Systems, and environmental sensitivities at these locations. Galway County Council will carry out long term multi decadal spatial planning on flooding and sea level rise to inform settlement strategy and will seek technical advice from OPW.
Galway County Council	AD 1.4	Develop and implement annual Climate Adaptation Strategies for Regional and Local Roads.
Galway County Council	AD 1.5	Identify and implement operational measures necessary to protect critical infrastructure/equipment from climate events, and develop any necessary maintenance/upgrade programmes to address climate risk.
Galway County Council	AD 1.6	Promote and encourage community involvement in the retrofit of SuDS in existing developments, maintaining community rain gardens, discourage hard paving in gardens and retrofit raingardens / water butt installations.
Galway County Council	AD 1.7	Work with the OPW and other stakeholders to identify and support Minor and Major Flood Protection and Flood Proofing Schemes throughout the county.



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Galway County Council	AD 1.8	Support private group water schemes to identify drinking water sources vulnerable to climate change and to develop source protection or alternative sources in order to maintain water quantity and quality levels
Galway County Council	AD 2.1	Review Major Emergency Plan and other relevant risk management plans to ensure incorporation of up-to-date climate risk information
Galway County Council	AD 2.2	Identify contingency plans for climate events that have the potential to impact critical infrastructure, the failure of which would have major consequences and/or a cascading effect on other services. Prepare strategic wildfire management plan for high-risk areas. Provide clear communication to communities.
Galway County Council	AD 2.3	Review countywide low temperature (snow & frost) policies for roads and footpaths.
Galway County Council	AD 2.5	Capture the impact of extreme weather events by integrating existing incident recording and management systems including WIRE and SWEMS, carry out training and record incidents.
Kerry County Council	1.6.4	Ensure the Planning Authority implements the OPW 's The Planning System and Flood Risk Assessment Guidelines, having due regard to the need to promote nature-based solutions and Sustainable Drainage Systems, and environmental sensitivities at these locations, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology, visual amenity and recreation and amenity value."
Kerry County Council	1.6.5	Ensure flood alleviation schemes listed in OPW flood management plans are facilitated and supported, having due regard to the need to promote nature-based solutions and Sustainable Drainage Systems, and environmental sensitivities at these locations, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology, visual amenity and recreation and amenity value."
Kerry County Council	1.6.6	Ensure Development Management Standards and Guidelines support sustainable climate action mitigation and adaptation actions.
Kerry County Council	1.6.8	Continue a Climate Change Risk Assessment & Adaptation Assessment approach of local-authority owned heritage sites, having due regard to environmental sensitivities such as the receiving water environment, local air quality, biodiversity, European sites, and cultural heritage related sensitivities.
Kerry County Council	1.7.1	Continue to seek funding from the Community Monument Funds (CMF) to undertake works to local authority owned sites identified at risk from climate change.
Kerry County Council	1.7.2	Continue to participate in research projects on the impacts of climate change (mitigation and adaptation) on heritage sites
Kerry County Council	2.1.11	Integrate Nature Based Solutions, including biodiversity water protection measures and sustainable rainwater management practices, into Local Authority Own Developments including public realm/Section 38 and Active Travel projects, having due regard to environmental sensitivities such as the receiving water environment, biodiversity European sites and cultural heritage considerations and actively support initiatives which demonstrate and publicise successful nature-based solutions.
Kerry County Council	2.2.1	Support Green and Blue Infrastructure at appropriate locations in the county and increase connectivity of the protected areas network using appropriate buffer zones, corridors, stepping-stones and/or flyways, having due regard to opportunities to

		promote climate action co-benefits, and environmental sensitivities such as the receiving water environment, biodiversity European sites and cultural heritage considerations.
Kerry County Council	2.2.2	Flood alleviation projects and coastal protection schemes to investigate the use of Nature Based Solutions. having due regard for environmental sensitivities at these locations, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology, visual amenity and recreation and amenity value.
Kerry County Council	2.2.3	Any works to be undertaken by KCC in the drainage and/or maintenance of waterbodies will be adequately environmentally assessed. The IFI shall be consulted on such works, as appropriate.
Kerry County Council	2.2.4	Work with stakeholders to protect coastal environments through the use, where possible, of such measures as bye-laws, controlled parking and Nature Based Solutions.
Kerry County Council	2.3.1	Continue to undertake vulnerability assessment and monitoring of coastal infrastructure and communities at risk from climate change.
Kerry County Council	2.3.3	Collaborate with research being undertaken on the impacts of climate change on coastal areas and communicate results/findings.
Kerry County Council	4.1.2	Increase community resilience by raising awareness of the likely impacts of climate change, whilst also focussing on remedial actions that may be taken within the community.
Kerry County Council	4.2.6	Work with community groups on Climate Resilience and Adaptation training and/or plan making.
Kerry County Council	4.4.4	Work with communities under threat from climate change (e.g., coastal communities) taking learnings from community-based adaptation practitioners
Kerry County Council	4.5.3	Investigate drafting emergency response plans in consultation with vulnerable communities.
Kerry County Council	5.3.1	Maintain Severe Weather Assessment Team.
Kerry County Council	5.3.2	Develop Emergency management plans for areas identified most at risk from climate change and investigate the feasibility of before the event precautionary assessments in areas of environmental importance.
Kerry County Council	5.3.3	Identify public areas/infrastructure/assets most at risk from extreme weather events, such as storms/flooding and develop action plans/mitigating actions where appropriate.
Kerry County Council	5.3.4	Develop Early Warning Systems
Kerry County Council	5.3.5	Improve knowledge and understanding of how the Council is affected by extreme weather events in terms of providing its services and its financial impact
Kerry County Council	5.3.6	Transpose Actions from the previously adopted Climate Change Adaptation Strategy 2019.
Kildare County Council	G6	Create and support formal linkages between key community, business, defence and education bodies to facilitate collaborative climate action within the County.

Kildare County Council	G11	Update the Kildare County Council Major Emergency Plan to ensure that all climate change risks to the human, natural and built environment (including heritage) are suitably addressed and a resilient response is available having due regard to environmental sensitivities such as European Sites and biodiversity.
Kildare County Council	B10	The planning application process shall assess the impact of new development in areas determined to have a water supply and quality constraint (i.e., from climate related drought, extreme rainfall events). In such areas the suitability of new development shall be assessed along with recommendations for mitigation of impacts on at risk development sites.
Kildare County Council	N1	Develop Green Infrastructure Plan (as defined by the EU as ‘A strategically planned network of natural and semi-natural areas with other environmental features, designed and managed to deliver a wide range of ecosystem services, while also enhancing biodiversity’) including a green infrastructure network for the County that incorporates climate change mitigation and adaptation to increase climate resilience, climate action co benefits and environmental protection requirements
Kildare County Council	N8	The Council will seek to progress Flood Alleviation schemes in the County in conjunction with the Office of Public Works (OPW); having due regard to the need to promote natural and nature based solutions and Sustainable Drainage Systems, and environmental sensitivities at these locations, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology, visual amenity and recreation and amenity value.
Kildare County Council	N10	Develop a plan of action to protect, conserve and enhance the wetlands identified in the County Kildare Wetland Survey 2012-2014 (including Pollardstown Fen). This plan shall be developed by a competent ecology team and shall have due regard to the need to appropriately protect, conserve and enhance important habitats and species and European sites, and support the maintenance and improvement of water quality in line with the aims of the Water Framework Directive.
Kildare County Council	R8	Ensure the continued incorporation of Flood Risk Management and Climate Change Sectoral Adaptation Plans into the spatial planning of the County to meet the requirements of the EU Floods Directive and the EU Water Framework Directive and to promote a climate resilient County, having due regard to the need to promote nature based solutions and Sustainable Drainage Systems, and environmental sensitivities at these locations, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology, visual amenity and recreation and amenity value.
Kildare County Council	R9	Implement all Area Specific Recommendations presented in the Strategic Flood Risk Assessment for the Kildare County Development Plan 2023-2029, having due regard to the need to promote nature based solutions and Sustainable Drainage Systems, and environmental sensitivities at these locations, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology, visual amenity and recreation and amenity value.
Kildare County Council	R11	Showcase good examples of Sustainable Urban Drainage Systems which maximise amenity and biodiversity through the use of nature based systems such as swales or rain gardens as part of the Councils developments
Kildare County Council	R12	Resolve local flooding issues utilising OPW and Department of Transport funding (Drainage programme, Climate Adaptation and Resilience Works, OPW Minor Works Scheme) incorporating Sustainable Urban Drainage Systems, having due regard to the need to promote Sustainable Drainage Systems, and environmental sensitivities at these locations, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology, visual amenity and recreation and amenity value. All new drainage works to be in line with best practice principles informed by SUDs Interim Guidance Document and Water Sensitive Urban Design (WSUD)

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Kildare County Council	R13	Support and inform a climate proofing programme for natural water resources and to better manage flooding at the catchment level, the Council will identify a subcatchments where water quality objectives are not being met, and where there is an established flood risk.
Kildare County Council	R14	To carry out a feasibility assessment to determine if it is possible to identify waterbodies that are both particularly vulnerable to extreme water events associated with climate change, and at risk of not meeting the requirements of the EU Water Framework Directive. Implement any protective and remediation measures for waterbodies identified.
Kildare County Council	R16	Conduct an audit of all local authority archives and collections. Carry out risk assessment and ensure disaster management plans completed and actioned with targets to fit local circumstances. For archives and collections in private ownership support and training should be provided as required for nationally and internationally important collections, in collaboration with collection owners.
Kildare County Council	R17	Support collaborative and sector specific research into relevant climate adaptation strategies relevant to the County and increase engagement and collaboration between all neighbouring local authorities Uisce Eireann, Group Water Schemes and small private supplies to support county wide water conservation initiatives and adaptation measures during drought conditions.
Kilkenny County Council	1.9	Deliver Flood Relief Schemes under the Catchment and Flood Risk Assessment Management (CFRAM) Programme, and Minor Flood Mitigation Works, incorporating nature based solutions, where possible, whilst having appropriate regard to environmental protection requirements associated with flood resilience development.
Kilkenny County Council	1.1	Develop and implement an enhanced Flood Forecasting and Monitoring System
Kilkenny County Council	1.11	Annual review of Kilkenny County Council's Emergency Response Protocol for severe weather events, and Kilkenny County Councils Risk Register
Kilkenny County Council	1.12	Review and update flood baseline data to inform Flood Relief Project Design.
Kilkenny County Council	1.13	Review the Council's Health & Safety Policies and Procedures to take account of the impact of climate change on the welfare of staff
Kilkenny County Council	1.17	Develop and promote a Kilkenny Civil Defence Climate and Sustainability Policy
Kilkenny County Council	1.18	Implement and promote a Kilkenny Fire and Rescue Service Climate and Sustainability Programme
Kilkenny County Council	2.17	Identify and implement actions to improve drainage on the Regional and local road network, and identify infrastructure at risk from climate events, having due regard to the need to promote nature based solutions and Sustainable Drainage Systems, and environmental sensitivities, including water quality, biodiversity and European sites.
Kilkenny County Council	2.27	To develop a policy on Disaster Risk Management and undertake a Climate Risk Assessment of local authority owned heritage assets

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Kilkenny County Council	3.1	Assess feasibility of identifying waterbodies that are both particularly vulnerable to extreme climate events, and at risk of not meeting the requirements of the EU Water Framework Directive.
Kilkenny County Council	3.11	Assess the need for guidance/ planning policy regarding the impact of new development proposed for areas determined to have a water supply and quality constraint (i.e., from climate related drought, extreme rainfall events).
Kilkenny County Council	4.3	Work with communities to identify, map and record local cultural heritage sites / areas/ traditions/ practises where loss due to climate change is likely/inevitable
Kilkenny County Council	4.7	Engage with communities on climate change risks through Fire Safety Talks and Primary Schools Fire Awareness Programme
Laois County Council	17	Any future reviews of Laois County Council business continuity plans will take into account the altered weather ranges expected under climate change.
Laois County Council	18	Future severe weather planning by Laois County Council will take into account the altered weather ranges expected under climate change.
Laois County Council	19	Laois County Council will maintain an IT Risk Register that includes climate considerations, ensuring a comprehensive assessment of climate-related risks to IT systems and infrastructure.
Laois County Council	35	In response to the predicted frequency of higher intensity rainfalls, Laois County Council aims to propose a real term increase of 1% per annum above inflation over the life of this plan for gully maintenance and general piped drainage maintenance.
Laois County Council	36	Considering the predicted frequency of higher intensity rainfalls, Laois County Council will propose a real term increase of 1% per annum above inflation over the life of this plan for masonry bridge works. During the execution of these works, the Council will continue to have due regard to the need to appropriately protect and conserve protected structures in accordance with relevant protected structures regulations, and the need to not negatively impinge on any protected species or European sites.
Laois County Council	37	In response to the predicted frequency of higher intensity rainfalls, Laois County Council will propose, in its annual budgets, a real term increase of 1% per annum above inflation over the life of this plan for river drainage maintenance works. During the execution of these works, the Council will continue to have due regard to environmental sensitivities at these locations, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology.
Laois County Council	38	Laois County Council will continue to support (subject to statutory processes and adherence to environmental standards) the development of OPW flood protection schemes in the towns of Mountmellick, Portarlinton and Clonaslee; these schemes will make these settlements more resilient to flooding.
Laois County Council	39	In response to the predicted frequency of higher intensity rainfalls, Laois County Council will prepare a three-year forward plan for river maintenance of river channels (together with associated bridges) under its jurisdiction every two years. This comprehensive maintenance plan will be subject to statutory procedures (including Appropriate Assessment (AA) and Strategic Environmental Assessment (SEA) procedures, if and as required) recognizing the sensitivity of the sites involved. The design process, the Plan, together with any statutory procedures will have due regard to environmental sensitivities such as the receiving water environment, biodiversity, European sites, protected species, local air quality, and cultural heritage.

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Laois County Council	40	Laois County Council will implement the use of a flood and incident recording system, such as WIRE app or similar, to enhance real-time data collection, reporting, and monitoring of flood events and incidents.
Laois County Council	67	Over the lifetime of this plan Laois County Council will map and record all major road drainage spine networks to establish accurate data on the existing drainage infrastructure.
Laois County Council	68	Laois County Council will carry out a review of older masonry bridges on upper stretches of rivers that may be impacted by increased scour due to the higher intensities of rainfall. It is acknowledged that any Plan arising from such a Review will be subject to statutory procedures (including Appropriate Assessment (AA) and Strategic Environmental Assessment (SEA) procedures, if and as required) recognizing the sensitivity of the sites involved. Due regard will be given to environmental sensitivities such as the receiving water environment, biodiversity, European sites, protected species, local air quality, and cultural heritage within such a Plan.
Laois County Council	72	Laois County Council will carry out shade-related tree planting in 10 previously constructed housing estates, subject to need and local agreement. There will be a presumption under this measure to plant native trees.
Leitrim County Council	GL 11	Develop and implement a Financial Management resource for recording the cost of major climate / weather events.
Leitrim County Council	B 4	Apply a robust risk assessment and management framework to Local Authority owned buildings and properties to identify and protect against the key vulnerabilities to the impacts of climate change and mitigate against service disruption.
Leitrim County Council	B 15	Set up cross sectoral Adverse Weather steering committee to deal with, plan for, adopt and mitigate for adverse weather events such as flooding. Collaborate & Participate with Severe Weather Alert Team (SWAT).
Leitrim County Council	B 16	Resolve local flooding issues utilising OPW and Department of Transport funding (Drainage Programme, Climate Adaptation and Resilience Works, OPW Minor Works Scheme e.g. Dromahaire, Glenfarne, Ballingleragh, Jamestown).
Leitrim County Council	B 17	Leitrim County Council will seek to prioritise the delivery of Catchment Flood Risk Assessment and Management (CFRAM) Programme identified flood schemes in the county and promote nature-based solutions and integral to these schemes Prioritise CFRAMS identified flood schemes in Leitrim, priorities: 1. CoS planning, CoS construction 2. LV Planning, LV construction 3. Mohill -feasibility study, works dependent on outcome 4. Dromod -feasibility study, start dependent on Cos & LV 5. Dromahaire FRS planning; in accordance with technical, financial and environmental requirements
Leitrim County Council	B 18	Ensure that any potential future flood information is used to inform suitable adaptation requirements within the Development Management process and for preparation of the County Development Plan, in line with the Guidelines for Planning Authorities on Flood Risk Management (DoECLG & OPW, 2009).
Leitrim County Council	B 19	Pursue maintenance funding for works on local flooding areas ensuring the plan takes nature-based solutions and protection of biodiversity into consideration.

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Leitrim County Council	B 20	Continue the prioritisation of SuDS measures in road and transportation projects.
Leitrim County Council	B 21	Ensure regional coordination of Emergency Response Planning.
Leitrim County Council	B 22	Ensure that emergency response plans are reviewed annually (to ensure the appropriate response plans are reviewed / that the appropriate resource capacity is in place to provide an effective emergency response to issues increasing as a result of climate change including floods and wildfires).
Leitrim County Council	B 23	Develop a formal routine gully maintenance and cleaning plan to ensure that programmes are in place in all towns and villages prone to flooding and that all gully's are cleaned in advance of the Autumn and Winter seasons. Pursue funding for same. Ensure the plan takes nature-based solutions and protection of biodiversity into consideration.
Leitrim County Council	B 24	Consider the use of the Weather Impact Register (WIRE) across all Municipal Districts to record and collate the actual impacts of all severe weather events on national platform.
Leitrim County Council	B 25	Record information on extreme events related to climate change to inform future planning of infrastructure upkeep and maintenance of roads.
Leitrim County Council	B 26	Explore the use of alternative road making methods & materials – cold and recycled mixes. Explore ways to minimise the expected increase in maintenance requirements (and associated costs) to road infrastructure from climate stress – Integrating climate change considerations at design stages.
Leitrim County Council	N 4	Consider a Green Infrastructure Strategy including a green infrastructure network for the County that incorporates ecology, climate change mitigation and adaptation, to increase climate resilience, climate action co-benefits and environmental protection requirements. Ensure such a strategy promotes climate action co-benefits and adherence to planning and environmental protection requirements.
Leitrim County Council	N 5	Identify Local Authority land that may require ecological surveys and highlight areas that may be at risk and require protection.
Leitrim County Council	N 6	Continue County wetland survey and identify suitable wetland sites for conservation and restoration.
Leitrim County Council	N 7	Assist with a feasibility assessment to determine if it is possible to identify waterbodies that are both particularly vulnerable to extreme water events associated with climate change and at risk of not meeting the requirements of the EU Water Framework Directive with a focus on follow-up and protective / remedial action.
Leitrim County Council	N 8	Development and implementation of a SuDS policy and continue the prioritisation of SuDS measures in Local Authority projects ensuring the plan takes nature-based solutions / protection of biodiversity and avoidance of habitat fragmentation into consideration. Ensure this policy promotes nature-based solutions where appropriate and has due regard to environmental protection requirements.
Leitrim County Council	CRT 1	Implement an awareness campaign to educate the public on climate change mitigation and adaptation measures including the circular economy, promotion biodiversity, water conservation and carbon reduction initiatives. Promote various funding streams and grants to assist homes, communities and businesses to implement positive climate actions.

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Leitrim County Council	CRT 8	Raise awareness of the impacts of climate change and ways for communities to increase response and resilience to these impacts.
Leitrim County Council	CRT 16	Partner with ATU to explore innovative Climate Action Adaptation and Mitigation research projects.
Limerick City & County Council	T 9	Implement an Annual Gully Cleaning Scheme (AGCS) ensuring the plan takes nature-based solutions and protection of biodiversity into consideration.
Limerick City & County Council	T 10	Implement a bridge rehabilitation programme that is resilient to the impacts of Climate change having due regard to the need to appropriately protect and conserve protected structures in accordance with relevant protected structures regulations, and the need to not negatively impinge on any protected species or European sites.
Limerick City & County Council	T 11	Carry out maintenance and rehabilitation of regional and local roads in accordance with the guidance document on the climate adaptation of regional and local roads having due regard to environmental sensitivities such as the receiving water environment, biodiversity, European sites, and local air quality.
Limerick City & County Council	B 3	Implement the Catchment Flood Risk Management (CFRAM) programme across Limerick following the OPW Plans (2016) for Athea, Adare, Askeaton, Croom, Foynes, Newcastlewest, Rathkeale, Castleconnell and Limerick City and Environs Ensure due regard is given to promoting Sustainable Drainage Systems, nature-based solutions, and environmental sensitivities, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology.
Limerick City & County Council	G 9	Ensure that the Councils emergency plans are climate proofed.
Limerick City & County Council	N 8	Carry out ecological/habitat survey and highlight areas at risk and those suitable for ecological restoration and, where appropriate, enhanced carbon storage.
Limerick City & County Council	N 10	Work with Irish Water and LAWPRO (Local Authority Water Programme) to identify the impacts of critical and vulnerable receptors in accordance with the River Basin Management Plan and Water Framework Directive.
Longford County Council	10	Longford County Council will ensure its Major Emergency Plan (MEP) and Local Emergency Plans (LEP) will strongly take the effects of climate change into account.
Longford County Council	18	Longford County Council will improve urban drainage maintenance to prevent flooding and where applicable, nature based solutions will be used.
Longford County Council	19	Longford County Council will develop a programme for the protection of critical infrastructure.
Longford County Council	20	Longford County Council will actively collaborate with state infrastructure providers in preparation for climate change impacts on national strategic infrastructure in the County.
Longford County Council	21	Longford County Council will be pro-active in integrating climate considerations into the design, planning and construction of all roads, footpaths, bridges, public realm construction and housing projects.
Longford County Council	31	Longford County Council will actively work with its Partners to achieve the objectives of the River Basin Management Programme.



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Longford County Council	32	Longford County Council will continue planned river channel maintenance and flood alleviation measures.
Longford County Council	41	Longford County Council will identify communities vulnerable to climate change risks as part of its major emergency planning.
Louth County Council	GL 9	Establish a mechanism to update Louth County Council's Major Emergency Management plan to incorporate the latest climate-related extreme weather predictions. This will lead to the plan being a living document.
Louth County Council	GL 11	Develop a full spatially led tier three climate risk assessment and adaption plan for County Louth.
Louth County Council	BEI 10	Climate Impact Risk Assessment on Louth County Council owned heritage sites
Louth County Council	BEI 11	Climate Impact Risk Assessment on Louth County Council owned buildings
Louth County Council	BEI 15	Develop a surface water drainage plan for Louth for agglomerations greater than 500PE
Louth County Council	NEGI 8	Update Fire management plan for Cooley Mountains. Ecological expertise shall be sought during plan updating. The plan shall have due regard to the need to appropriately protect important habitats.
Louth County Council	NEGI 9	Develop a Coastal protection plan for Louth. Ensure the plan has due regard to environmental sensitivities associated with coastal areas such as the receiving marine environment, biodiversity, European sites, recreation and amenity value.
Louth County Council	NEGI 11	Progress Flood defence schemes Dundalk-Ardee Flood relief and Drogheda & Baltray flood relief scheme whilst having appropriate regard to environmental protection requirements associated with flood resilience development.
Louth County Council	NEGI 13	Develop Louth County Wetland Action Plan. This plan shall be developed by a competent ecology team, and shall have due regard to the need to appropriately protect, conserve and enhance important habitats and species and European sites, and support the maintenance and improvement of water quality in line with the aims of the Water Framework Directive.
Louth County Council	NEGI 14	Ensure Sustainable Urban Drainage (SUDs) principles are implemented in Louth County Council works and conditioned, as appropriate, in grants of planning permission. Having due regard to promoting nature-based solutions, protection of biodiversity and avoidance of habitat fragmentation.
Louth County Council	NEGI 15	Work with LAWPRO to develop flood risk assessments for Rivers in Louth
Louth County Council	NEGI 17	Deliver Ramparts River Rejuvenation project
Louth County Council	CRT 1	Access best practice information from the EU Mission, Adaptation to Climate Change, to strengthen Louth County Council's response to extreme weather events
Louth County Council	CRT 4	Strengthen the incorporation of Flood Risk Management and Climate Change Sectoral Adaptation Plans into the spatial planning for County Louth to meet the requirements of the EU Floods Directive and the EU Water Framework Directive and to promote a climate resilient County
Louth County Council	CRT 14	Risk assessment to identify communities vulnerable to Climate Impacts

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Mayo County Council	9	Identify and collaborate with Government organisations to assist in developing risk assessments and climate adaptation measures for key natural, cultural, and infrastructural assets incorporating nature-based solutions, biodiversity, and water quality enhancement.
Mayo County Council	12	Ensure consideration and integration of Nature Based Solutions and Sustainable Urban Design measures in all projects and implemented where appropriate to ensure climate resilience, promoting space for nature, thereby creating vibrant, liveable, and sustainable locations.
Mayo County Council	14	Implement the Biodiversity plan for County Mayo- incl. carbon sequestration, flood alleviation via nature-based solutions approach, identification and support for eco-system services, invasive species management, pesticide and herbicide reduction, green and blue infrastructure, integrating biodiversity considerations to new and existing development, wildlife corridors identification and enhancement. The implementation of the Biodiversity Plan will be underpinned by ecological surveys and assessments to ensure interventions are appropriate to the receiving environment.
Mayo County Council	19	Deliver climate and biodiversity capacity-building training, initiatives, clinics, and events for community groups.
Mayo County Council	23	Manage and resource an adequate Climate Emergency Response procedure, providing community training and information, ensuring clear communication of climate related incidents providing key focus on groups vulnerable to climate change events.
Mayo County Council	25	Work with higher education institutions in the region and utilise their expertise in research and education programmes of mutual interest in particular around regenerative agriculture, Just Transition collaboration, climate adaptation and land use and nature-based solutions as well as sectoral adaptation and mitigation research.
Meath County Council	GL 7	Identify and put in place appropriate business continuity measures to ensure continuity of service provision during severe weather events.
Meath County Council	BET 1	Incorporate biodiversity, mitigation and adaptation actions into the design and delivery of urban regeneration plans.
Meath County Council	NE 2	Commence a programme of auditing of LA lands to carry out ecological and habitat surveys and highlight areas at risk and those suitable for restoration and enhanced carbon storage.
Meath County Council	NE 3	Develop options for the delivery of a National Implementation Strategy for Nature-Based Solutions and interim guidance to the management of rainwater and surface water run-off in urban areas.
Meath County Council	NE 5	Major Emergency Plan - co-ordinate update of emergency response plans and revise based on learnings of response to events, having regard to environment sensitivities.
Meath County Council	NE 6	Development of Critical Infrastructure Routes for climate related extreme weather events.
Meath County Council	NE 8	Undertake climate risk assessment of local authority owned heritage assets (natural, built and cultural). Carry out regular programme of inspection, maintenance and phased conservation works to develop climate resilience.
Meath County Council	CRT 3	Monitor implementation of flood risk management guidelines in planning applications, having regard to environmental sensitivities e.g., biodiversity, archaeology, amenity value.

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Meath County Council	CRT 5	Identify and map areas most susceptible to climate related extreme weather events on the road network.
Meath County Council	CRT 8	To liaise with the OPW in the identification of new, or the reinforcement of existing flood defences and protection measures.
Meath County Council	CRT 9	Review of flood events and flood susceptibility of infrastructure and liaise with relevant MCC Sections and Uisce Eireann to identify assets at risk from flooding/extreme rainfall to inform and implement low-cost 'minor works' flood relief schemes.
Meath County Council	CRT 10	Carry out a Coastal Erosion and Flood Risk Study for County Meath and implement the recommendations whilst as feasible prioritise nature-based solutions.
Monaghan County Council	GL 10	Review the major emergency plan & flood plan to ensure incorporation of future climate risk.
Monaghan County Council	GL 11	Recruit dedicated staff member to be responsible for coordination of flood risk and flood alleviation works.
Monaghan County Council	BE 4	Undertake a climate risk assessment of MCC owned heritage assets (natural and built), following best practice guidance.
Monaghan County Council	BE 6	Identify all local council-owned archives and collections in relation to heritage or built environment and implement disaster management plans as appropriate, plan and carry out review to develop climate resilience (using exemplars and pilot studies).
Monaghan County Council	T 15	Continue to complete National Catchment -based Flood Risk Assessment and Management (CFRAM) programme within Monaghan to ensure all current and future flood risks are identified with a focus on implementation of the resulting recommendations; having due regard to the need to promote nature-based solutions and Sustainable Drainage Systems, and environmental sensitivities at these locations, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology.
Monaghan County Council	T 16	Resolve local flooding issues utilising OPW and Department of transport funding. (Climate Adaptation & Resilience works, OPW Minor works scheme.) Maintain transport network and other assets by removing blockages to reduce the risk of surface water floods; having due regard to the need to promote nature-based solutions and Sustainable Drainage Systems, and environmental sensitivities at these locations, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology, visual amenity and recreation and amenity value.
Monaghan County Council	T 17	Maintain transport network to take account of risk of surface water floods; having due regard to the need to protect the environment, including European site and Biodiversity during the carrying out of maintenance works.
Monaghan County Council	T 18	Develop and implement a Sustainable Drainage Strategy for the county; having due regard to the need to promote nature-based solutions and Sustainable Drainage Systems, and environmental sensitivities, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology, visual amenity and recreation and amenity value.
Offaly County Council	BE 2.3.3	Incorporate SUDS/NWRM/NBS in all capital work funding applications
Offaly County Council	BE 2.3.4	Implement nature-based solutions, such as bioswales and permeable pavements, using a multi-disciplinary team to guide planning, installation and monitoring to improve stormwater management and enhance local biodiversity

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Offaly County Council	T 3.4.1	Adaptation and Implementation of a Carbon Calculator for Roads Projects
Offaly County Council	T 3.4.4	The implementation of 'Climate Adaptation Strategy for Regional and Local Roads', having due regard to environmental sensitivities such as the receiving water environment, biodiversity, European sites, and local air quality.
Offaly County Council	NE 4.1.8	Develop citizen science project to target climate sensitive species
Offaly County Council	NE 4.2.1	Prepare strategic wildfire management plan for high-risk areas such as bogs and Slieve Blooms having appropriate regard to the need to support the achievement of conservation objectives and protect and enhance important habitats or the qualifying interests of any protected sites.
Offaly County Council	NE 4.2.3	Explore and encourage innovative technologies to reduce flood and heat risk within urbanised areas
Offaly County Council	NE 4.2.4	Ensure all new development is assessed in relation to the requirements of the OPW Guidelines for Planning Authorities - The Planning System and Flood Risk Management
Offaly County Council	NE 4.2.5	Assess all new development for the implementation of natural water retention measures
Offaly County Council	NE 4.2.6	Provide Council staff with relevant training in NBS solutions
Offaly County Council	NE 4.2.8	Conduct audit of all local authority archives and collections. Carry out risk assessments and ensure disaster management plans completed and actioned with targets to fit local circumstances. For archives and collections in private ownership, provide support and training as required for nationally and internationally important collections, in collaboration with collection owners
Offaly County Council	C 5.1.4	Offaly County Councils Tidy Towns Network holds a minimum of three annual meetings to promote biodiversity and climate action awareness to Tidy Towns Groups and to support entries in the Tidy Towns National Competition
Roscommon County Council	BET6	Embed water conservation measures throughout all RCC buildings.
Roscommon County Council	NEGI 2	Establish holistic linkages between existing, planned and proposed amenity infrastructure and heritage assets within the county to enhance archaeological protection, biodiversity (wildlife corridors), flood resilience (ecosystem services) and increase public awareness (immersion in nature/heritage), whilst promoting the adoption nature-based solutions and SUDs as appropriate, avoidance of habitat fragmentation, and adherence to environmental protection requirements
Roscommon County Council	NEGI 3	Engage with stakeholders in peatland and forestry management to align with heritage policy and RCC emergency services fire prevention and response provisions. Prepare guidelines for stakeholder use as appropriate. Engage peatland and forestry stakeholders with initiatives and community projects, identify synergies with JTF programme and areas of “added value” for local communities; whilst advocating and exerting influence to ensure such projects promote Climate Action co-benefits and do not contravene relevant environmental protection criteria or cause significant negative environmental effects.
Roscommon County Council	CRT 6	Collate and act as a repository for evidence-based climate change forecasts and predictions at local level. Assess new findings and incorporate associated best practice into all operational areas

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Roscommon County Council	SRM 5	Develop, enhance and maintain RCC climate risk monitoring systems.
Sligo County Council	9	Ensure that climate change is fully incorporated in to the Major Emergency Plan (MEP) during review.
Sligo County Council	30	Develop a Biodiversity Action Plan for Co. Sligo which addresses all of the relevant climate related issues & includes appropriate actions which supports green & blue infrastructure, NBSs, integrates biodiversity considerations into new & existing operations & developments. The implementation of the Biodiversity Plan will be underpinned by ecological surveys and assessments to ensure interventions are appropriate to the receiving environment.
Sligo County Council	31	Complete the work of the SCORE project with ATU (ends July 2025) and identify ways of continuing the work of the Coastal City Living Laboratory model.
Sligo County Council	32	Expand roll out of Weather Impact Register (WIRE) app to gather extreme weather event related data
Sligo County Council	33	Continue to monitor coastal erosion along Sligo shoreline and maintain existing sea defences, considering application of nature based solutions, and in line with conservation management objectives of European Sites.
Sligo County Council	34	Identify & register heritage sites that are at risk from climate related weather events
Sligo County Council	37	Convene a Flooding Working Group to improve local flood protection (maintenance) and enhanced flood response (required resources). Examine areas where sustainable urban drainage systems (SUDS) and nature based solutions can be considered.
South Dublin County Council	F 1	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.
South Dublin County Council	F 2	Ensure recording of flood events (fluvial and pluvial) and major climate events, utilising a GIS based system, to consistently capture locations, impacts, response resources, costs etc., to facilitate the development of climate adaptation measures.
South Dublin County Council	F 3	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.
South Dublin County Council	F 4	Engage regularly with neighbouring Local Authorities and other relevant organisations, on regional flood management issues, and support the ongoing implementation of flood forecasting systems.
South Dublin County Council	F 5	Progress Flood Alleviation Schemes (FAS) in conjunction with the OPW – including the River Poddle FAS, the River Camac FAS and the Whitechurch Stream FAS.
South Dublin County Council	F 6	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 (SUDS) / nature-based solutions / protection of biodiversity and avoidance of habitat fragmentation.
South Dublin County Council	F 7	Develop, protect and conserve riparian corridors, in line with County Development Plan and Greater Dublin Strategic Drainage Study (GSDSDS), increasing riparian corridor connectivity where possible, and similarly for floodplains around rivers and watercourses subject to flooding.

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South Dublin County Council	F 8	Drive the implementation of SuDS in SDCC Capital projects, including new builds, retrofits etc, and monitor the level of implementation.
South Dublin County Council	F 9	Promote and encourage community involvement in the retrofit of SuDS or development of natural flood management measures, in existing housing / developments / local areas.
South Dublin County Council	F 10	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.
South Dublin County Council	F 11	Promote and encourage the implementation of SuDS to external Developers – ensure implementation of SuDS in Planning applications in line with SDCC SuDS Guidance.
South Dublin County Council	F 12	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.
South Dublin County Council	F 13	Review gully maintenance plan and operations for improvements, considering areas with recurring issues and smart technology opportunities.
South Dublin County Council	F 14	Develop an improved maintenance plan for SuDS assets that are taken in charge by SDCC, ensuring their continued operation.
South Dublin County Council	F 15	Maintenance of lakes and wetlands to increase storage capacity during severe weather events, where necessary.
South Dublin County Council	T 28	Promote the use of alternative systems for the treatment of roads during wintry weather.
South Dublin County Council	T 29	Introduce process efficiencies/flexibility in the treatment of roads during cold weather to reduce number of call outs required.
South Dublin County Council	T 30	When surveying existing road infrastructure, include for identification of climate vulnerabilities, such as flooding and urban heat island effect.
South Dublin County Council	N 7	Implement a programme of enhancement and expansion of ponds and wetland habitats, to expand areas of water storage capacity and increase sequestration.
South Dublin County Council	N 8	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. Refer to Note C below
South Dublin County Council	N 17	Identify areas in South Dublin that are vulnerable to the impacts of increased heat effects due to climate change.
South Dublin County Council	N 18	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.
South Dublin County Council	N 19	Investigate the potential for nature based solutions to address the risk of wildfire management, coordinating with the Dublin Fire Brigade.

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Tipperary County Council	21	To carry out a feasibility assessment to determine if it is possible to identify waterbodies that are both particularly vulnerable to extreme weather events associated with climate change, and at risk of not meeting the requirements of the EU Water Framework Directive.
Tipperary County Council	25	Implement an enhanced system of annual monitoring of severe weather events, including the associated costs of managing/responding to those events that generated a need for emergency response. Maintain a record of the costs associated with the management of and response to severe weather events.
Tipperary County Council	26	Review the Council's 'Emergency Response Protocol' for severe weather events and 'Risk Register' annually to consider the impacts of climate change, and the costs associated with emergency response and remediation works/services to such events, climate risks on the delivery of emergency response services and energy response procedures to severe weather events.
Tipperary County Council	27	As part of the Royal Sites Steering group on the UNESCO World Heritage Tentative List for Ireland, ensure that climate adaptation and mitigation measures, which are designed in manner that will not result in unintended adverse effects on heritage assets, are considered as part of the nomination process, and support where possible climate related studies/assessments at the sites.
Tipperary County Council	28	Resolve local flooding issues utilising OPW and Department of Transport funding (Drainage programme, Climate Adaptation and Resilience Works, OPW Minor Works Scheme and Nature Based Solutions.
Tipperary County Council	29	Commence a 'Bridge Structures Inspection Programme' to determine and respond to the effects of climate change and the increased risk of bridge structures being compromised (increased flows, more debris in flood waters, increased flood levels etc.).
Tipperary County Council	47	Having consideration to the outcome of a feasibility assessment (Action 21), the Council shall consider how new development in areas determined to have both a water supply and a water quality constraint (i.e. from climate related drought, extreme rain fall events) may impact on water quality.
Tipperary County Council	56	The Council will seek to prioritise the delivery of Catchment Flood Risk Assessment and Management (CFRAM) Programme identified flood schemes in Tipperary, having due regard to the need to promote nature-based solutions and Sustainable Drainage Systems, and environmental sensitivities at these locations, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology, visual amenity and recreation and amenity value.
Tipperary County Council	57	The Council will carry out a review of the element of the 'Preliminary Flood Risk Assessment' for infrastructure for which it has responsibility, such as water supply reservoirs, waste water treatment plants, sewerage or urban storm water drainage systems and will report the findings of this review to the OPW.
Tipperary County Council	58	Develop and implement a Nature-Based Solutions and integrated rainwater management protocol for both Council and private sector projects, and to prioritise NBS in line with national guidance parameters. The protocol will address the following: i. Part 8 and Section 177AE planning applications for active travel, roads, public realm projects, public housing, footpath upgrades, public and council carparks, greenway/blueway planning etc with targets for all. ii. 'Taking in Charge' – review taking-in-charge processes. iii. Plan and resource maintenance. iv. Education and awareness for public and elected members.

		v. Incorporation of water sensitive urban design concepts, including rainwater collection, at early stage vi. Integration of Inland Fisheries Ireland guidance for watercourses.
Tipperary County Council	59	Carry out a review of Section 4 Discharge to Water Licences to determine if they are capable of meeting projected climate change related risks such as hydrological changes and water temperature increases.
Tipperary County Council	74	To support and inform a climate proofing programme for natural water resources, and to better manage flooding at the catchment level, the Council will identify a sub-catchment where water quality objectives are not being met, and where there is an established flood risk. A study will be commissioned for this sub-catchment to: i. Identify the reasons why Water Framework Directive water quality objectives are not being met, ii. Set out baseline water quality standards to enable monitoring, iii. Identify solutions (incl nature based) to reducing flood risk at the catchment level, and, iv. Set out viable, positive and collaborative mechanisms at the community level for how they can be delivered. v. The programme shall have due regard to the protection of biodiversity and European sites and avoidance of habitat fragmentation.
Waterford City & County Council	1.2	Ensuring climate change is included in the Risk Register
Waterford City & County Council	1.3	Consideration of climate change in large-scale Council project design (carbon emission analysis as part of all future analysis) and Water-Sensitive Urban Design Certification
Waterford City & County Council	1.4	Develop system for tagging the costs of climate impacts (dedicated cost code) and annual summary report of all climate hazard impacts
Waterford City & County Council	2.2	Planning decisions process to assess impact of new development proposed in areas determined to have a water supply and quality constraint (i.e., from climate related drought, extreme rainfall events). Assess impact on wastewater discharges and DWWTs and mitigate impacts.
Waterford City & County Council	2.27	Integration of Sustainable Urban Drainage Systems and other nature-based solutions into plans
Waterford City & County Council	2.31	Reduction of the heat island effect in urban areas (green areas as well as paving in any pedestrianisation, increased tree cover)
Waterford City & County Council	2.36	Survey of roads/bridges/infrastructures vulnerable to extreme weather events, produce vulnerability report and reinforce those structures
Waterford City & County Council	2.4	Inclusion of Climate Change in Asset Management software (MapRoads)
Waterford City & County Council	2.41	Identifying 'Critical Infrastructure Routes' for emergency services in extreme weather
Waterford City & County Council	2.55	Undertake climate risk assessment of local authority owned built heritage assets to identify buildings likely to be impacted by extreme weather or erosion



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Waterford City & County Council	2.56	Ensure climate-proofing of heritage funding administered by WCCC, with an emphasis on improved energy performance along with the main goal of conservation of buildings.
Waterford City & County Council	3.2	Undertake climate risk assessment of local authority owned natural heritage assets and prepare reinforcement works for those assets that need protection
Waterford City & County Council	3.4	Develop nature-based flooding approaches in collaboration with relevant stakeholders. Assessment made at whole-catchment level (catchment as the management unit). Prioritise delivery of Catchment Flood Risk Assessment and Management (CFRAM)
Waterford City & County Council	3.6	Continue Marram grass planting and dune stabilisation works where possible. Investigate other options such as beach nourishment and measures similar to the Dutch Sand Engine
Waterford City & County Council	3.9	Identify waterbodies that are both particularly vulnerable to extreme water events associated with climate change, and at risk of not meeting the requirements of the EU Water Framework Directive.
Waterford City & County Council	3.13	Zostera (Seagrass) Bed survey in Dungarvan and Tramore followed by a protection and awareness programme and ongoing monitoring
Waterford City & County Council	3.15	Identify sites and opportunities to work with other agencies and communities on restoration of water levels and 'slow the flow' measures to mitigate flood risk.
Waterford City & County Council	3.16	Deliver on a yearly increase in the application of Blue-Green Infrastructure, Nature Based-solutions and Integrated Rainwater Management in local authority, private and public projects. Collate a database and spatial map to track progress. To include Part 8 and Section 177AE, applications for active travel, roads, public realm projects, public housing, footpath upgrades, public and council carparks, greenway/blueway planning etc
Waterford City & County Council	3.18	Prepare strategic wildfire management plan for high-risk areas
Waterford City & County Council	3.19	Investment in increased green space in urban areas including park of Regional Significance in Waterford City
Waterford City & County Council	3.21	Act on findings of Copper Coast Cliff Stabilisation report
Waterford City & County Council	3.24	Investigate the possibility of using seaweed at the coast to reduce the amount of nitrates going near Seagrass plantations
Waterford City & County Council	3.25	Review of Section 4 Discharge to Water Licences to determine if they are fit for purpose to meet projected climate change related risks such as hydrological changes, water temperature increases, and changes in flows.
Waterford City & County Council	3.26	Support and inform a climate-proofing programme for natural water resources to manage flooding at the catchment level. Through advising the farming community and running information campaigns.
Waterford City & County Council	3.28	Increased rainfall to be taken into account at building design stage and rainwater harvesting

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Waterford City & County Council	4.1	Climate proofing of Community Funded Projects (e.g. Town & Village) (Sustainability and Climate Change scoring on grant assessment). Support grant administrators in their roles as climate influencers. Support of branding.
Waterford City & County Council	4.22	To cater for climate change immigrants/refugees that have been displaced due to severe climatic weather events as decided by the relevant govt dept.
Westmeath County Council	2.8	Carry out a review of current drainage maintenance programmes and compare with flooding issues. Update as required.
Westmeath County Council	2.9	Integrate climate considerations into the design, planning and construction of new roads, bridges, active travel infrastructure and public realm construction projects, having due regard to ensure appropriate environmental protection, including protection of European sites, during the planning and design process.
Westmeath County Council	2.1	Carry out a risk assessment to identify the most climate vulnerable sites in public ownership to establish a baseline for heritage resources. Develop a programme for the protection of heritage and cultural assets in the county to the impacts of climate change.
Westmeath County Council	2.11	Identify WCC lands that may be suitable for climate action initiatives and biodiversity enhancement and develop an Action & Enhancement Plan for suitable sites identified, having due regard to the need to ensure renewable energy development supported by this action will not have any significant negative environmental effect.
Westmeath County Council	2.14	Apply a robust risk assessment and management framework to Westmeath County Council owned buildings and properties to identify and protect against the key vulnerabilities to the impacts of climate change and mitigate against service disruption, having due regard to environmental sensitivities such as local European sites and biodiversity.
Westmeath County Council	2.15	Undertake a Risk Assessment of road infrastructure to identify the severity of climate change risks on their function and condition. Consideration should be given to prioritising sections of the road network that are identified as being critical through the findings of this assessment.
Westmeath County Council	2.22	Ensure new commercial and residential estates are adequately serviced with surface water drainage infrastructure, e.g SUD's which meets the requirements of the Water Framework Directive, associated River Basin Management Plans and CFRAM Management Plans, having due regard to the need to promote nature based solutions and Sustainable Drainage Systems, and environmental sensitivities at these locations, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology, visual amenity and recreation and amenity value.
Westmeath County Council	3.2	WCC shall seek to continue to improve air quality throughout the county through various means including liaising with the EPA regarding control and enforcement of discharge licences.
Westmeath County Council	3.5	Continue to record and document severe weather events and their impacts on the infrastructure as a baseline approach to future planning for severe weather events. Information to be visually presented through GIS mapping subject to adequate resourcing.
Westmeath County Council	3.6	Continue to support the local policy regarding chemical pesticide/herbicide use, as adopted by Westmeath County Council, whilst ensuring these substances are only used to a degree that does not cause significant effects on the receiving environment, such as the receiving water environment, biodiversity or European sites.

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Westmeath County Council	3.8	Continue to implement The Planning System and Flood Risk Management Guidelines for Planning Authorities (2009)
Westmeath County Council	3.9	Require proposals for new development to integrate with existing Green Infrastructure networks and contribute to the development and protection of overall Green Infrastructure assets, having due regard to environmental sensitivities such as archaeology, European sites, biodiversity and amenity value.
Westmeath County Council	3.1	Support the development of a Green Infrastructure Strategy which promotes and prioritises the delivery of green infrastructure (including urban greening) and nature based solutions through appropriate provisions in planning policies, having due regard to environmental sensitivities such as Archaeology, European sites, biodiversity and amenity value etc.
Westmeath County Council	4.6	WCC shall review and reconstitute The Last Mile initiative to limit isolation due to severe weather events.
Westmeath County Council	4.7	WCC shall release a call for Expressions of Interest from community groups to help them to improve their capacity to respond to and recover from extreme weather events with specific aims to: <ul style="list-style-type: none"> <li>• help the vulnerable community to develop a stronger facilitating role for mitigating risks</li> <li>• provide advice on the risk of extreme events affecting their locality</li> <li>• devise mitigating actions to enhance preparedness</li> <li>• provide support to develop appropriate resilience arrangements to enable response and recovery</li> </ul> The programme will be designed and implemented to include Sustainable Urban Drainage Systems (SUDS), nature-based solutions, protection of biodiversity and avoidance of habitat fragmentation.
Westmeath County Council	5.3	Identify, where appropriate, areas considered beneficial for use as local carbon offset through carbon sequestration, having appropriate regard to relevant planning and environmental protection criteria.
Westmeath County Council	5.4	Work with and support private group water schemes to identify drinking water sources that are at risk to the impacts of climate change and identify alternative reserve sources of water to maintain water supplies in critical times
Westmeath County Council	5.1	Channel Maintenance and flood alleviation measures having due regard to the need to promote nature based solutions and Sustainable Drainage Systems, and environmental sensitivities at these locations, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology etc.
Wexford County Council	GL 4	Wexford County Council will continue to develop emergency response coordination, including severe weather plan, flood plan, major emergency plan and adverse weather Emergency Housing protocol to increase staff and public awareness, highlight potential risk to safety and to ensure all people travel, only in safe conditions and design and document a process in providing a severe weather event incident logging system
Wexford County Council	GL 6	Promote Mapalserter to increase the number of registered users and raise awareness among the public and target groups of the various communication channels available in advance of extreme weather events
Wexford County Council	GL 11	Design a process to facilitate staff to submit and share media files when responding to emergencies and extreme events

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Wexford County Council	GL 13	Put a process in place to promote the collaboration of Wexford County Council with other agencies (such as Teagasc, LAWPRO, TII, Department of Agriculture Food and the Marine, National Parks and Wildlife Service etc.) on environmental incidents received that are outside the remit of Wexford County Council.
Wexford County Council	GL 14	To prepare a Climate Proofing Matrix to be submitted with planning applications to allow the proposed development to demonstrate how it incorporates climate mitigation and adaptation, where relevant
Wexford County Council	BET 2	Continue to work with Office of Public Works Flood Defence section to progress all County Wexford Flood Relief Schemes e.g. Wexford Town, Enniscorthy and Rosslare Strand, having due regard to the need to promote nature based solutions and Sustainable Drainage Systems, and environmental sensitivities at these locations, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology, visual amenity and recreation and amenity value
Wexford County Council	BET 8	Work with Catchment Flood Risk Assessment Management Programme to prioritise projects to reduce flood risk and provide for detailed mapping of areas prone to fluvial and tidal flood risk. The National Indicative Fluvial Mapping (NIFM) and the National Coastal Hazard Flood Mapping are published and will help inform the implementation of this plan having due regard to the need to promote nature based solutions and Sustainable Drainage Systems, and environmental sensitivities at these locations, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology, visual amenity and recreation and amenity value.
Wexford County Council	BET 15	Carry out Climate Risk assessment of historic sites and structures and build climate resilience of archaeological and architectural heritage in public and private ownership through schemes such as at the Built Heritage Scheme, Historic Towns Initiative, Irish Walled Towns Network, Community Monuments Fund and Historic Structures Fund having due regard to the need to appropriately protect and conserve protected structures in accordance with relevant protected structures regulations, and the need to not negatively impinge on any protected species
Wexford County Council	BET 21	Incorporate Sustainable Urban Drainage Systems (SUDs) in proposed designs in Wexford County Council. Raise awareness and provide training to staff ensuring all Sustainable Urban Drainage System related construction works are designed and implemented in a manner that does not result in the occurrence of significant adverse environmental effects
Wexford County Council	BET 22	Implement Gully Management Programme and seek innovative solutions to use technology to maximise the use of limited resources by monitoring gullies, especially in high-risk flood areas
Wexford County Council	NEGI 1	Ensure impacts of climate change and sea level rise are considered for developments in the coastal zone
Wexford County Council	NEGI 2	Wexford County Council will develop and progress suitable coastal protection measures, as identified through the monitoring and inspection programmes for vulnerable areas of coast and existing public coastal defences subject to funding, statutory consent and national policies and guidelines, including schemes such as Rosslare, Courtown and Seaview having due regard to the need to promote nature based solutions and Sustainable Drainage Systems, and environmental sensitivities associated with coastal areas such as the receiving marine environment, biodiversity, European sites, recreation and amenity value
Wexford County Council	NEGI 3	Undertake a Monitoring and Maintenance programme on existing public coastal defences and develop suitable protection measures, having due regard to environmental sensitivities associated with coastal areas such as the receiving marine environment, biodiversity, European sites, recreation and amenity value

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Wexford County Council	NEGI 4	Preparation of a Rainwater Management Plan using nature-based solutions as part of the Wexford Town Local Area Plan 2024-2030 and consider this for other future Local Area Plans
Wexford County Council	NEGI 5	To identify, protect and manage green infrastructure in future local area plans having due regard to environmental sensitivities such as Archaeology, European sites, biodiversity and amenity value
Wexford County Council	NEGI 6	Review all Non-Uisce Eireann Wastewater sites operated by Wexford County Council for stormwater infiltration issues in order to reduce the impact of flooding at Wastewater TP as a result of increased rainfall and carry out resolution works to separate stormwater from the foul wastewater systems at non-Uisce Eireann sites in order to reduce pollution as a result of rainfall events having due regard to environmental sensitivities such as European sites, biodiversity and amenity value
Wexford County Council	NEGI 8	Explore feasibility of expanding the early warning river water level alert currently in place to all flood risk areas in the County to enhance resilience
Wexford County Council	NEGI 9	Implement the objectives outlined in Section 12.8 of Volume 1 Written Statement of the Wexford County Development Plan to restrict development outside the boundaries of existing coastal settlements to that which is required to be located in that particular location, and direct new housing away from areas prone to flooding/coastal erosion and require new planning applications for housing to show climate change adaptation has been considered in the siting, layout and design of the proposal in accordance with the County Development Plan
Wexford County Council	NEGI 10	Implement Chapter 12 Coastal Zone Management and Marine Spatial Planning in Volume 1 of the County Development Plan. Ensure collaborations with Waterford and Wicklow County Councils in relation to integrated Coastal Zone management having due regard to the need to promote nature-based solutions and Sustainable Drainage Systems, and environmental sensitivities associated with coastal areas such as the receiving marine environment, biodiversity, European sites, recreation and amenity value
Wexford County Council	NEGI 11	Ensure the protection and improvement of water quality in County Wexford (through the implementation of the Water Framework Directive and River Basin Management Plan and Local Authority Waters Programme) takes account of climate change and the associated impacts on water quality status.
Wexford County Council	NEGI 12	Work through the Multi Annual Rural Water Programme to improve access to public water services to reduce pollution and vulnerability to water scarcity as a result of climate change having due regard to environmental sensitivities such as European sites, biodiversity and amenity value.
Wexford County Council	NEGI 14	Ensure the protection and quality of bathing waters in County Wexford by continuing to implement the bathing water programme of sampling and testing before and during the bathing water season
Wexford County Council	NEGI 16	Promote climate action projects that support and protect habitats such as wetlands and flood zones which contribute to green infrastructure having due regard to environmental sensitivities such as European sites, biodiversity and amenity value.
Wexford County Council	NEGI 17	Ensure the protection and quality of all surface, ground and coastal waters in County Wexford by continuing to implement the National Agricultural Inspection Plan while ensuring sustainable transport modes are used to travel to and from inspection sites, where feasible.

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Wexford County Council	NEGI 18	Promote Water Conservation in the community and businesses by liaising with Uisce Eireann Stewardship programme and the Local Enterprise Office as well a Public Participation Network
Wexford County Council	NEGI 22	Support or facilitate climate action related projects and initiatives which seek to make improvements in soil structure, management and health by increasing soil organic carbon - which will create the environmental co-benefits of improving flood resilience by enhancing water holding capacity of soils and increasing the level of GHG sequestration associated with land use functions having due regard to environmental sensitivities such as European sites, biodiversity and amenity value.
Wexford County Council	NEGI 23	Provide expert advice on biodiversity and encourage native planting on farmland within County Wexford
Wexford County Council	NEGI 24	Continue to support measures to protect and enhance beaches in the county to retain the blue flag status and green coast award and identify where possible additional beaches for inclusion
Wexford County Council	NEGI 25	Promote the “Leave no Trace” scheme in place for beaches and natural environment to increase awareness and promote and inspire responsible outdoor recreation through education, research and partnerships
Wicklow County Council	10 GL	Screen Local Area Plans and future Development Plans for climate resilience ensuring they consider compact development, biodiversity resilience, active travel, sustainable economic development, consider associated climate action co-benefits and environmental protection requirements.
Wicklow County Council	12 BET	Strengthen towns and villages through enhancement of green infrastructure measures and/or sustainable transport linkages, having due regards for environmental sensitivities such as biodiversity, European sites, water quality and hydrology.
Wicklow County Council	22 BET	Standardise the management of drainage systems within the council including: <ul style="list-style-type: none"> <li>• the regular maintenance of regional and local road drainage systems, having due regard to the need to promote nature based solutions and Sustainable Drainage Systems, and environmental sensitivities, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology.</li> <li>• the recording and mapping of areas impacted by weather events (Climate Change events) including the implementation of technology such as the Weather Impact Register (WIRE) App to capture impacts, response and costs (including ecosystem services/natural capital costs)</li> <li>• mapping the location of attenuation tanks and drainage systems on Arc GIS</li> </ul>
Wicklow County Council	23 BET	Deliver climate adaptation works on infrastructure through the Climate Change Adaption & Resilience Works and drainage funding programmes, having due regard to the need to promote nature based solutions and Sustainable Drainage Systems, and environmental sensitivities, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology.
Wicklow County Council	1 NEGI	Engage with neighbouring local authorities and other relevant organisations (including Irish Rail) on coastal erosion, whilst advocating and exerting influence to ensure supported coastal erosion works and development promote climate action co-benefits and do not contravene relevant environmental protection criteria or cause significant negative environmental effects.
Wicklow County Council	2 NEGI	Update flood event emergency response plans including supporting the development of a flood forecasting and warning system. Ensure to incorporate Climate resilience.

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Wicklow County Council	3 NEGI	Ensure all relevant legislation and regulation on climate change and flood management is integrated into council policies and guidelines, including the promoting of natural flood measures. Undertake Strategic Flood Risk Assessment of all Local Area Plans and Development Plans. Implement the OPW Flood Risk Management Guidelines and best practices to ensure that all developments consider climate resilience and demonstrate that they integrate Nature-Based SuDS and Nature-Based Solutions to address surface water management. Ensure due regard is given to environmental sensitivities, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology.
Wicklow County Council	4 NEGI	Seek a buffer of generally 25-metre along watercourses as riparian zones for urban areas in line with the Inland Fisheries Ireland publication ‘Planning for Watercourses in the Urban Environment’ and the Wicklow County Development Plan.
Wicklow County Council	5 NEGI	Develop and implement an integrated SuDS policy to guide planning, installation, monitoring and maintenance to improve storm-water management. Provide training on SuDS implementation to key staff, having due regard to environmental sensitivities such as biodiversity, European sites and water quality.
Wicklow County Council	6 NEGI	Develop demonstration sites highlighting Nature-Based SuDS providing flood attenuation systems within existing urban areas, having due regard to environmental sensitivities such as biodiversity, European sites and water quality.
Wicklow County Council	7 NEGI	Support and facilitate LAWPRO projects improving water quality within the county catchments. Example scheme: Avonmore Waters of Life Project, having due regard to the maintenance and improvement of water quality in line with the aims of the Water Framework Directive.
Wicklow County Council	8 NEGI	Prioritise the use of nature-based SuDS on local authority schemes within the following areas: 1. Roads - ensure drainage works are considered at the preliminary design stage of project development for all road and infrastructure projects 2. Housing - integrate nature-based SuDS techniques from the initial preliminary design stage to project completion. Additionally utilise water demand technologies into all housing capital projects. Having due regard to environmental sensitivities such as biodiversity, European sites and water quality.
Wicklow County Council	9 NEGI	Deliver the following Flood Relief Schemes: <ul style="list-style-type: none"> <li>• Arklow Flood Relief Scheme</li> <li>• Avoca Flood Relief Scheme</li> <li>• Baltinglass Flood Relief Scheme</li> </ul> Having due regard to the need to promote nature-based solutions and Sustainable Drainage Systems, and environmental sensitivities at these locations, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology, visual amenity and recreation and amenity value.
Wicklow County Council	10 NEGI	Work with the OPW in order to review and progress more detailed studies on schemes including: <ul style="list-style-type: none"> <li>• Blessington Flood Relief Scheme</li> <li>• Greystones &amp; Environs Flood Relief Scheme</li> <li>• Wicklow &amp; Ashford Flood Relief Scheme</li> </ul> • facilitate the hydraulic modelling of the Bray Flood Relief Scheme • facilitate the OPW to conduct a review of the PFRA with regard to flood risk arising from floods on surface water infrastructure

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		such as culverts. Having due regard to the need to promote nature-based solutions and Sustainable Drainage Systems, and environmental sensitivities at these locations, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology, visual amenity and recreation and amenity value.
Wicklow County Council	11 NEGI	Incorporate Nature-Based measures for coastal erosion in order to support the conservation and management of sand dunes at Brittas Bay, having due regard to environmental sensitivities associated with coastal areas such as the receiving marine environment, biodiversity, European sites, recreation and amenity value.
Wicklow County Council	12 NEGI	Undertake an audit of council owned land for suitability for micro-woodlands/biodiversity by end-2025 and to set targets for planting/management with suitable vegetation. Incorporate three pilot woodlands on public lands schemes in Bray, Wicklow & Grangecon.
Wicklow County Council	13 NEGI	Promote the implementation of best practice pollinator friendly and Green Infrastructure guidance for managing greenspace by Municipal Districts to include: mowing regimes, hedgerow, tree care weed & riparian zones management. These standards shall be developed by a competent ecology team, and shall have due regard of the need to appropriately manage these habitats.
Wicklow County Council	16 NEGI	Undertake a climate risk assessment of LA owned heritage assets (natural and built), following guidance to come from DHLGH for LAs on methodology, identifying priority areas for action, having due regard to the need to appropriately protect, conserve and enhance important habitats and species and European sites, and support the maintenance and improvement of water quality in line with the aims of the Water Framework Directive.
Wicklow County Council	20 NEGI	Develop a hedgerow plan for the county with actions to map, protect and develop hedgerows, having due regard to hedgerow area conservation requirements and the need to avoid habitat fragmentation.
Wicklow County Council	21 NEGI	Develop an integrated programme to address invasive alien species through education and with recording and eradication programmes in the public realm. This programme shall be developed by a competent ecology team, and shall have due regard to the need to appropriately manage and prevent the spread of invasive species.
Wicklow County Council	25 NEGI	Host an annual uplands forum to develop an integrated partnership with key stakeholders to develop carbon sequestration, catchment management and tackle recreational pressures on upland sites delivering protection of habitat.
Wicklow County Council	26 NEGI	Develop a hill and forest fire management response and prevention strategy, including protocols for responding to fires, enforcement, awareness campaigns of the impact of fires and systems to measure the extent and economic costs of fires having appropriate regard to the need to support the achievement of conservation objectives and protect and enhance important habitats or the qualifying interests of any protected sites.
Wicklow County Council	27 NEGI	Work with stakeholders to delineate and establish a Dark Sky Reserve for County Wicklow. Undertaking a light assessment of Laragh and Roundwood to explore opportunities to reduce light pollution.
Wicklow County Council	29 NEGI	Build climate resilience of architectural and archaeological heritage in public and private ownership through schemes such as the BHIS, HSF, HTI, IWTN and the Community Monument Fund, having due regard to environmental sensitivities such as local human receptors, protected species associated with such buildings, European sites and biodiversity, and the need to appropriately protect and conserve protected structures in accordance with relevant protected structures regulations.



Table 2: DZ actions that relate to the Adaptation sector

Local Authority	Action no	Action
Cavan County Council	DZ-BE8	Prioritise completion of CFRAMS identified flood schemes within the DZ to ensure all current and future flood risks are identified.
Cavan County Council	DZ-BE9	Utilise available funding to carry out flood protection works having due regard to the need to promote Nature-based Solutions and Sustainable Drainage Systems, and environmental sensitivities at these locations, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology, visual amenity and recreation and amenity value.
Cavan County Council	DZ-N2	Carry out a habitat survey of local authority land within the DZ to identify areas at risk and those suitable for restoration works.
Clare County Council	N1.14	Research sites of high cultural and natural conservation value along the Clare coast to fully understand the implications of climate change and sea level rise and the potential approaches to mitigation, adaptation and building resilience, with an initial focus on the area of the Loop Head Peninsula which has been identified as a Decarbonisation Zone (DZ)
Clare County Council	DZ-BE2	Flood Risk: Completion of the Kilkee Flood Relief Scheme
Clare County Council	DZ-BE3	Incorporate into county assessment the risks associated with coastal flooding and coastal erosion in the DZ
Galway City Council	DZ 42	Implement a policy to increase permeable areas in the DZ (through greenspaces, planting and landscaping).
Galway County Council	DZ 1.4	Support Uisce Éireann to identify baseline emissions related to water delivery and treatment, update baseline emissions assessment and identify opportunities to reduce associated emissions. Assess risks related to drought conditions.
Leitrim County Council	DZBE7	Continue to complete Office of Public Works' (OPW) Catchment Flood Risk Assessment Management (CFRAM) within the DZ to ensure all current and future flood risks are identified.
Leitrim County Council	DZBE8	Utilise available funding to carry out flood protection works and promote the use of Nature-based Solutions (NBS) to reduce the impact of flooding, having due regard to the need to promote nature-based solutions and Sustainable Drainage Systems, and environmental sensitivities at and in the vicinity of water bodies, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology, visual amenity and recreation and amenity value.
Leitrim County Council	DZBE12	Consider the use of WIRE App to record and monitor the impacts of weather events in the Carrick-on-Shannon DZ.
Leitrim County Council	DZNGI5	Support green infrastructure and nature-based solutions such as sustainable urban drainage systems to improve climate resilience, having due regard to environmental sensitivities including water quality, biodiversity, European sites, riparian corridors and aquatic ecology, visual amenity and recreation and amenity value.
Longford County Council	3	Deliver adaptation measures to combat the risk of and build resilience to the negative impacts of climate change.

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Louth County Council	DZ 11	Enhance the biodiversity value of the green and blue spaces within the DZ through nature-based solutions to provide additional ecosystem services such as carbon sequestration, amenity areas and clean water, having due regard for planning and development policy and environmental protection considerations during the Master planning and development process
Mayo County Council	DZ 25	Promote a UNESCO Man and Biosphere Reserve as a climate resilience measure
Mayo County Council	DZ 28	Devise and implement a coastal management plan in collaboration with other coastal communities
Mayo County Council	DZ 29	Support the Old Irish Goat initiative for climate mitigation and adaption within a Man and Biosphere reserve
Mayo County Council	DZ 36	Take steps to measure and improve the Natural Capital Value of natural resources of Mulranny
Monaghan County Council	DZ BE.6	Promote the use of nature-based solutions (NBS) to reduce the impact of flooding where possible, having due regard to environmental sensitivities including sensitive human receptors, water quality, biodiversity, European sites, riparian corridors and aquatic ecology.
Monaghan County Council	DZ BE.7	Implement the WIRE App to record and monitor the impacts of weather events in Monaghan Town DZ.
Roscommon County Council	DZ 4	Develop a climate change risk and vulnerability assessment against which proposed public and private development within the DZ can be proofed.
Roscommon County Council	DZ 5	Prioritise nature based solutions in the execution of all development within the decarbonisation zone aligned with the National Implementation Strategy for Nature-Based Solutions for the management of rainwater and surface water run-off in urban areas, having due regard to environmental sensitivities such as biodiversity, European sites and water quality.
Waterford City & County Council	DZ 2.1	Sustainable Urban Drainage Systems (SUDS) to be incorporated in street upgrades, Council building projects and private developments.
Waterford City & County Council	DZ 2.2	Deliver a Rain Gardens project - provide the public with information on how it is done
Waterford City & County Council	DZ 2.5	Work with the Presentation team to identify new methods of planting that take into account periods of drought - a particular focus on hanging baskets
Waterford City & County Council	DZ 2.6	Put in place a park of regional significance as per County Development Plan incorporating Nature Based Solutions to reduce flood likelihood
Waterford City & County Council	DZ 2.8	Implementing permeable surfaces (bioswales / rainbeds / pervious pavement) - requirement in new developments
Waterford City & County Council	DZ 2.11	Carbon sequestration through detailed tree / meadow planting / growing, rewilding, soil management, waterways and wetland planning, informed by habitat mapping, opportunity mapping and tree canopy surveys
Waterford City & County Council	DZ 4.10	Development of a Smart City District on O Connell Street and the Quays (centralised at the Munster Express Building) that will use sensors to maximise energy production, efficient energy use, report risk of drain flooding and communicate air quality impacts

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Waterford City & County Council	DZ 7.4	Develop a pilot neighbourhood where homes are low energy, renewable energy producing, active transport connected and the site is designed to not contribute to local flooding as it will incorporate Sustainable Urban Drainage Systems
Wexford County Council	DZ BET 19	Arrange a workshop with the pertinent sections of Wexford County Council on sustainable drainage systems
Wexford County Council	DZ NEGI 1	Work with the Local Authority Waters Programme (LAWPRO) on the Slaney Pilot catchment Management Plan and Catchment Fora to facilitate greater public participation in water management, under the River Basin Management Plan 2022-2027 and support the implementation of all relevant remediation and mitigation measures required to maintain or achieve good or high-quality water status in the County
Wicklow County Council	ADZ NE&GI 13	Implement the Wicklow SuDS Policy, Tree Management Policy and Landscaping Development Guidelines to promote biodiversity gain.
Wicklow County Council	ADZ NE&GI 15	Map and identify green infrastructure opportunities in the town to support the development of NB-SuDS improving climate resilience, while ensuring projects have due regard to environmental sensitivities, including water quality, biodiversity, European sites, riparian corridors and aquatic ecology.
Wicklow County Council	ADZ NE&GI 16	Promote rainwater harvesting, green roofs, green walls and water demand reducing projects, while ensuring projects have appropriate regard to local environmental sensitivities such as the receiving water environment, biodiversity European sites and cultural heritage considerations.
Wicklow County Council	ADZ NE&GI 17	Undertake a pilot with the Native Oyster Reef Restoration Ireland project to test the re-establishment of oyster beds and kelp restoration on a demonstration scale.

**Oifig Réigiúnach um  
Ghníomhú ar son na hAeráide  
Rialtas Áitiúil**

Climate Action  
Regional Offices  
Local Government

