



CLIMATE

Adapting to Change

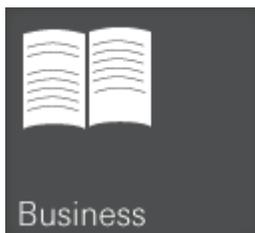
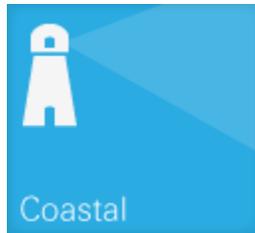
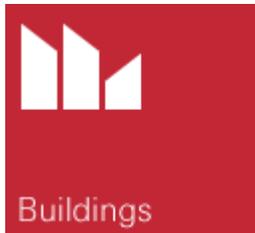
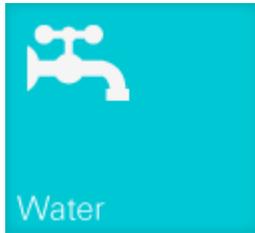
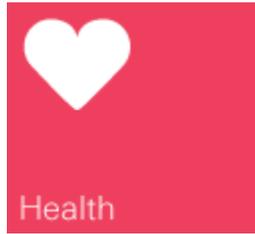
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Climate Northern Ireland

Local Government Climate Action Network

Meeting 1

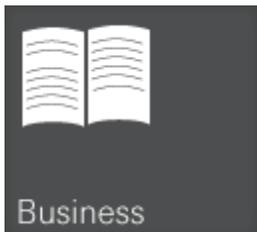
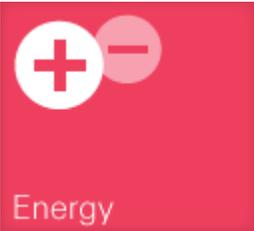
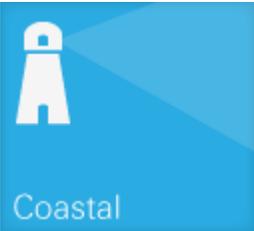
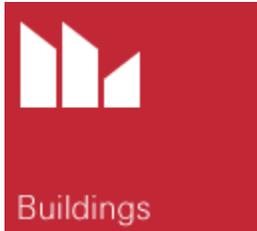
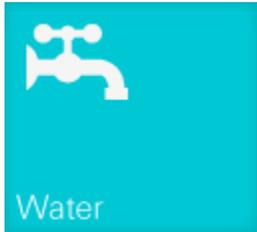
Thurs 28th Nov 2019 10.30am – 2.00pm
Whittaker Suite, Guildhall, Derry/Londonderry



Contents:

- Climate NI – who are we?
- NI climate change policy context
- Impacts of climate change in NI
- Northern Ireland Climate Change Adaptation Programme (Local Government Actions)
- Climate NI Adaptation Guidance tool and support for local councils
- Adaptation Lessons learned - DCSDC
- How does adaptation planning relate to other council work and external projects?
- Terms of Reference and Next Steps

Today...



- We want to use the available Climate NI resource to provide support which suits you
- We have developed a proposal for a guidance tool and support specific for NI councils
- Based on:
 - our experience of supporting DCSDC during the CLIMATE project,
 - Climate NI collaborations with other countries (Climate Ireland and Adaptation Scotland)
 - Tools and resources developed during the CLIMATE project
- Today is an opportunity for reflection, discussion, and to agree next steps for local councils in preparing for the impacts of climate change
- We hope this group can offer a place to access support, tools and resources, relevant public agencies and necessary data – but we want your thoughts on this group and how it should work...
- **EVERYTHING IS DRAFT...**

Climate

Northern Ireland

Aims to increase understanding of **climate change** impacts and risks within Northern Ireland and promote the **adaptation** actions necessary to address them



- Policy Development
- Increased adaptation awareness
- Increased adaptation action
- Climate NI Steering Group

Climate Northern Ireland was set up and funded to help fulfil NI obligations to address climate change

Responding to Climate Change...

Mitigation - *'to make something less severe, serious or painful'*

Action to reduce greenhouse gas emissions

Adaptation – *'the process of adapting'*

Preparing for the impacts of climate change



CLIMATE

Adapting to Change

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Climate
Northern Ireland



Climate Change Policy context in Northern Ireland

Mitigation...



Reducing emissions in NI report (Feb 2019):

DAERA requested advice on strategies that could deliver emissions reductions of 35%, 40% and 45% by 2030.

UK Net Zero Report (May 2019):

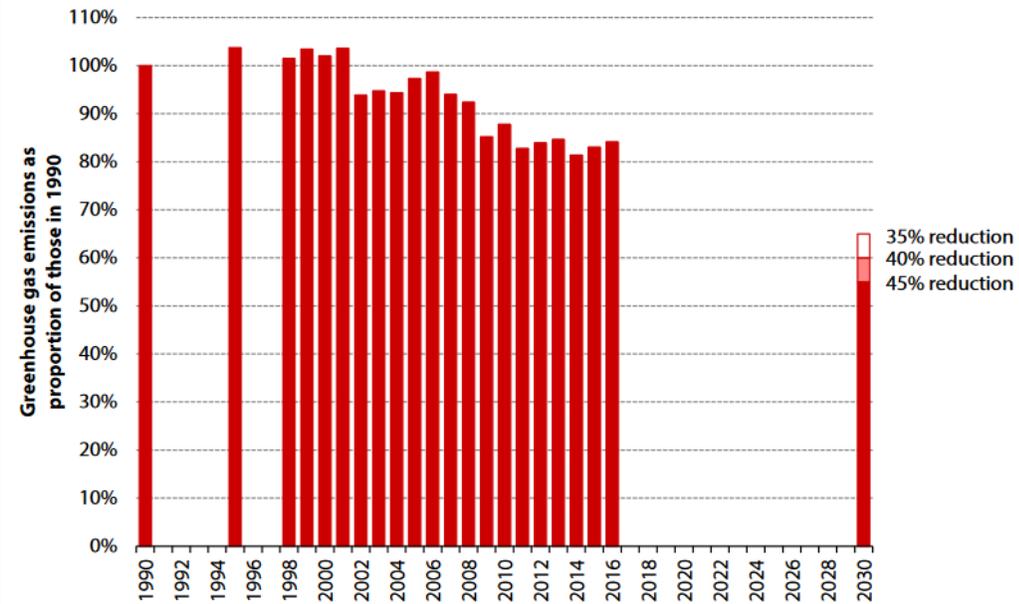
In the absence of a minister NI civil servants expressed their support for advice being sought, but the report does not provide specific advice for NI. The main difference between the CCC recommendations and government action is the allowance of international carbon credits to offset emissions



Mitigation...



Figure 1. Emissions in Northern Ireland relative to the 1990 baseline



Source: National Atmospheric Emissions Inventory (2018) *Greenhouse Gas Inventories for England, Scotland, Wales and Northern Ireland: 1990 - 2016*.

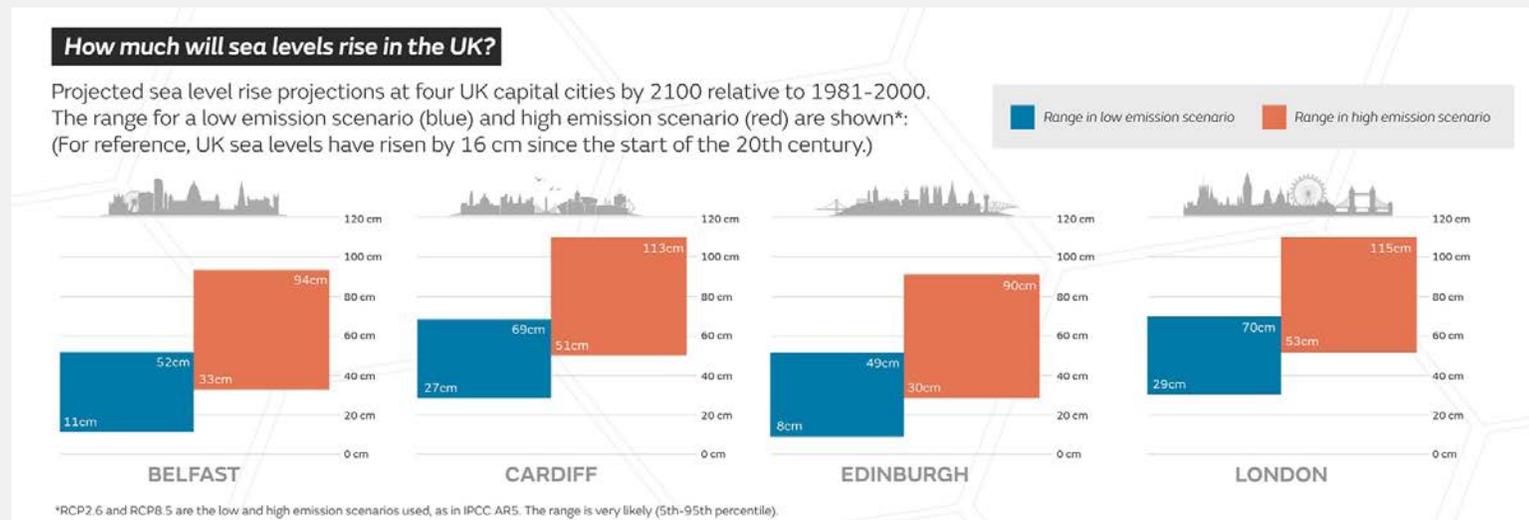
- No specific emissions legislation in NI
- Emissions fell by 9% from 2008-2016 in NI, compared to a 27% fall for the whole of the UK
- **Existing NI policies cannot meet 35% but NI can achieve and go beyond**

What does **Climate Change** mean for Northern Ireland?

UK Climate Projections 2018



Note: Cold snaps, drier winters and wet summers **will still occur**.
This means we must be prepared for a greater range of extremes year to year



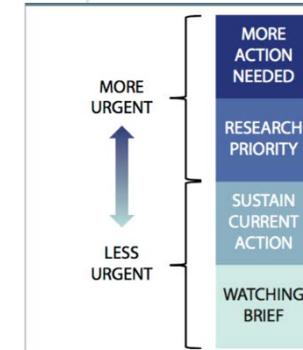


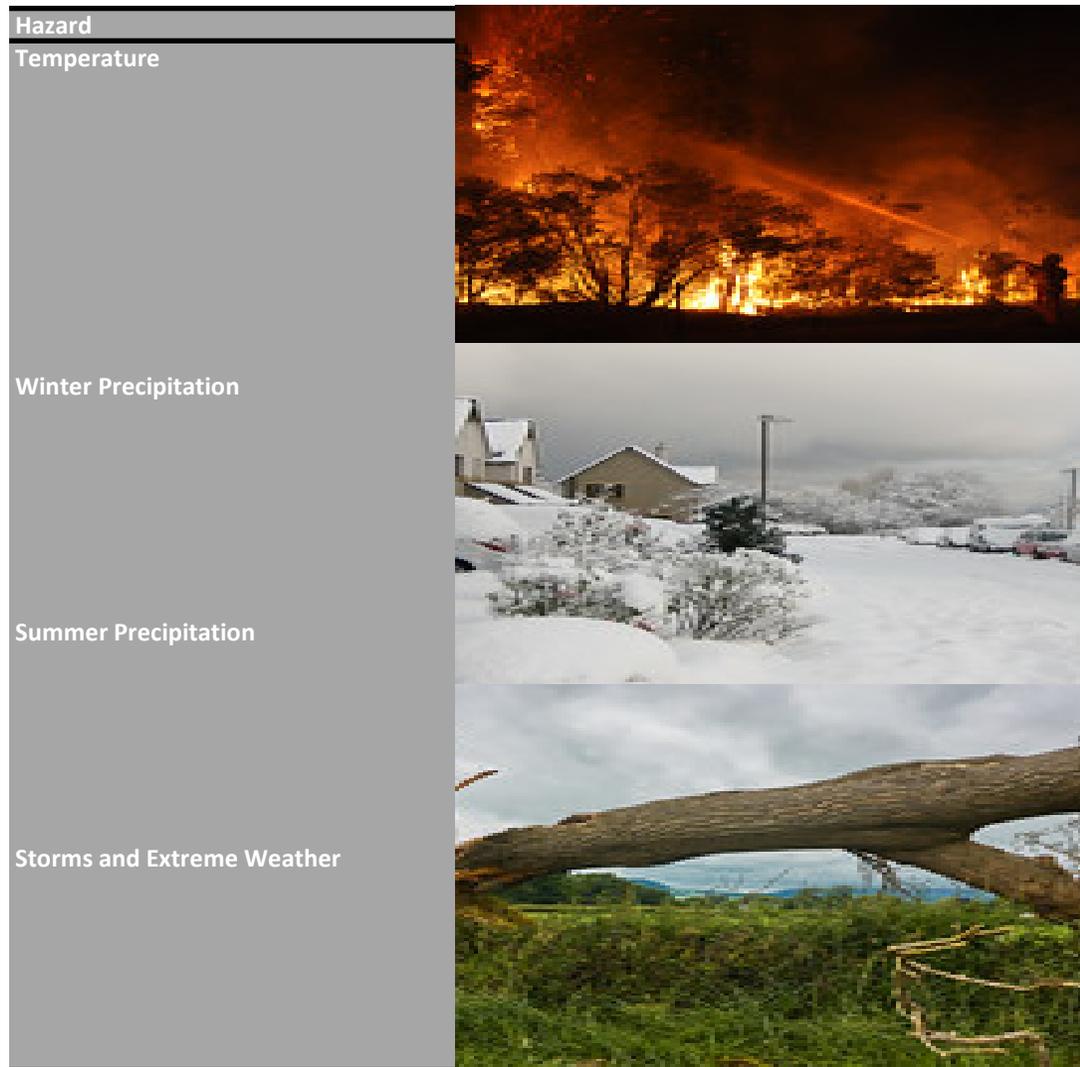
How climate change affects people and communities

The health and wellbeing of the UK population will be affected by climate change. Flooding and heat are the biggest risks, with an increase in pests and diseases also possible. Action is required to deal with these risks, and to seize the opportunities.

Climate change hazards affecting people and the built environment

	Communities and settlements	Buildings	Health and social care system	Population health
Heatwaves	Heatwaves, urban heat island, air pollution	Overheating	Overheating risks to patients, social care, occupational risks, energy use	Heatwave risks to population, mortality, injury etc.
Floods	Flooded communities, resilience, relocation, blight/economic effects	Flood damage, damp, mould	Flood risks to NHS assets, service disruption	Flood Impact on mental health, deaths and injuries
Drought	Risk to water supply, drought	Subsidence	Service disruption	Water supply failure, risks to public health
Cold	Risks from extreme weather	Damp homes, cold homes	Service disruption	Cold risks to mortality and morbidity





Observed: The amount of rain from extremely wet days has increased by 17% when comparing the decade of 2008-2017 with the period 1961-1990.

Projected: Average Winter rainfall is projected to increase by 10% by mid-century, with some days being much wetter.

Example impacts: Flooding can have significant impact on infrastructure, public safety, mental health, biodiversity and business disruption as has been experienced across Derry City and Strabane District Council in previous years

Northern Ireland: September 2019 - Severe flooding in Sion Mills Co. Tyrone saw 60 firefighters respond to 30 flood-related calls. More than 100 calls were made to the flooding helpline and over 1000 sandbags distributed in the County Tyrone village.





UK Climate Act (2008)

 Risk  Opportunities

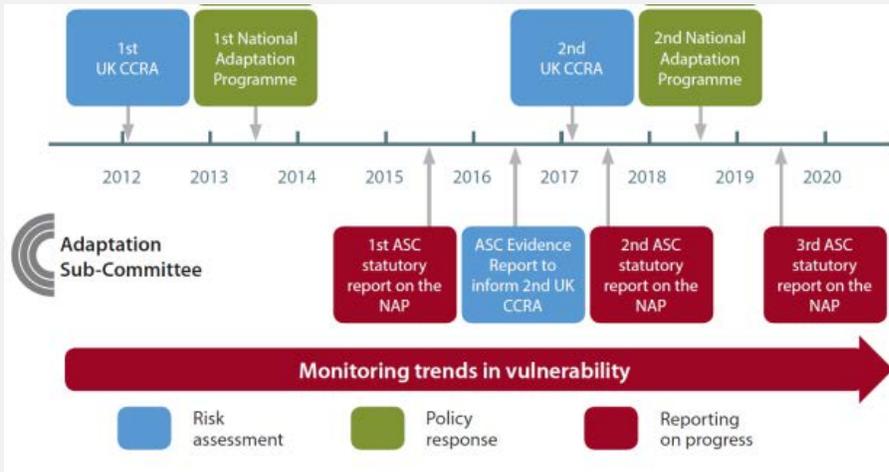
Climate Change Risk Assessment:

The UK Climate Change Act requires the UK government to produce a UK Climate Change Risk Assessment (CCRA) every 5 years

 Planning

Northern Ireland Climate Change Adaptation Programme

In response to the CCRA (again every five years), the Climate Change Act also requires each of the devolved administrations to produce a Climate Change Adaptation Programme.



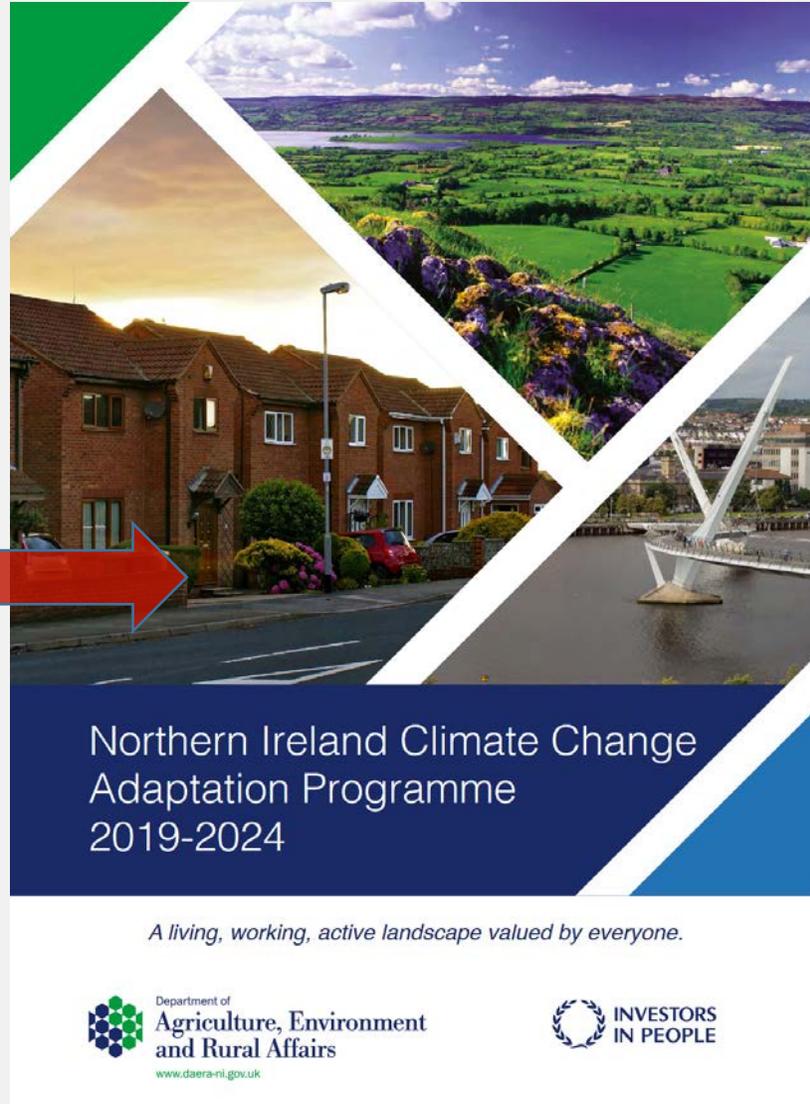
5 year cycle...

Monitoring trends in vulnerability

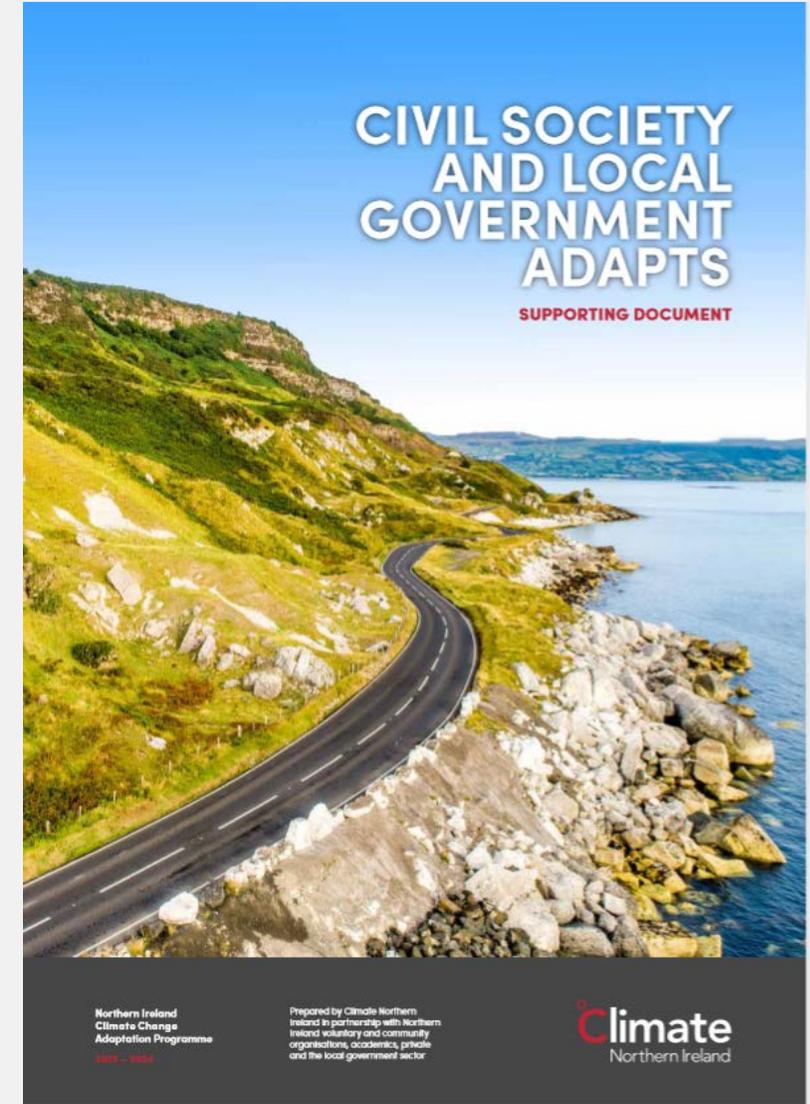
- Risk assessment
- Policy response
- Reporting on progress



Climate change risks assessment



Northern Ireland Climate Change Adaptation Programme 2019-2024



Northern Ireland Climate Change
Adaptation Programme
2019-2024

Outcome Objective Natural Capital (NC) 1 Vision:
We will have species, habitats and water bodies that are resilient to the impacts of climate change.

Outcome Objective Natural Capital (NC) 2 Vision:
We have coastal communities, habitats, landforms and infrastructure that are resilient to impacts of climate change.

Outcome Objective Natural Capital (NC) 3 Vision:
We have soils and woodland that are resilient to the impacts of climate change.

Outcome Objective Infrastructure Services (IF)1 Vision:
We have transport and network services that are resilient to the impacts of flooding and extreme weather.

Outcome Objective People and Built Environment (P)1 Vision:
We have people, homes, buildings and communities that are resilient to the impacts of flooding and extremes of weather.

Outcome Objective Disruption to Businesses and Supply Chains (B)1 Vision:
We have businesses that can adapt to impacts of climate change and extreme weather.

Outcome Objective Food Security/Global Food Production (I)1 Vision:
We have a food system resilient to impacts of climate change.



CIVIL SOCIETY AND LOCAL GOVERNMENT ADAPTS

SUPPORTING DOCUMENT

Northern Ireland Climate Change
Adaptation Programme

2019 – 2024



CLIMATE
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CLIMATE project is enabling the first local authority adaptation plan in Northern Ireland

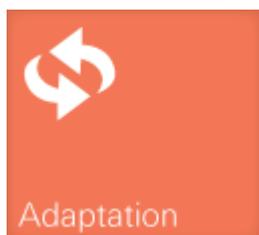
Approach to Local Councils...

Objective	Proposed activity	Case study
NC1	Local Biodiversity Action Plans & Local Biodiversity Implementation Plans that encourage resilient species, habitats and water bodies.	Interreg Project 'Collaborative Action for the Natura Network (Newry Mourne and Down)
NC2	Local development plans that encourage resilient coastal communities, habitats, landforms and infrastructure.	Project to examine risks to infrastructure services due to coastal erosion (Newry, Mourne and Down/ Ards and North Down)
NC3	Local Biodiversity Action Plan & Local Biodiversity Implementation Plan (NE4) which encourage resilient soils and land types	Project at Brackagh Moss which aims to preserve and restore the wet fen, increasing species diversity and increasing water retention on site (Armagh City, Banbridge and Craigavon)
IF1	Local Development Plans that encourage flood risk management and urban drainage	None identified
P1	Local Develop Plan that outlines new and retrofit building design requirements to embed resilience across homes, buildings and communities Community resilience programmes that provide information about how the current level of action relates to the level of risk	Community resilience group E.g. Belfast City Council Area (this group did not submit information through the NICCAP consultation but could be approached during Step 3)
I1	Encourage food resilience through 'grow your own' initiatives	'Grow your own' allotment initiative (Mid Ulster Council)
Overarching	Local council climate change adaptation programmes C.L.I.M.A.T.E. Interreg project will develop best practice guidance for local council adaptation planning and support development of the first NI local council adaptation plan (Derry and Strabane and Climate NI are members of the project team)	

Developed in partnership with the Northern Ireland Local Government Association (NILGA), Sustainable Northern Ireland (Sustainable NI) and local government representatives.

Mapping exercise of adaptation planning and activities was undertaken and used to guide development of strategic actions for the sector.

Approached SOLACE to support strategic actions



Mapping of Local Council activities

- Lots of good policies and projects that work toward a more climate resilient region
- No strategic approach to considering vulnerability, planning or implementing actions to become resilient
- CLIMATE project is enabling the first local authority adaptation plan in Northern Ireland by **DCSDC**

NICCAP2: Local Government planned actions

No.	Action	Reporting partners	Implementation Timeline
1	Work with local councils to embed the adaptation cycle across local council planning with the aim of encouraging councils to complete a minimum of step 1 by 2021 and step 4 by 2024	NILGA, Climate NI, Sustainable NI supported by SOLACE ³⁰	By 2024
2	Explore the capacity needs within local councils to enable delivery of Action 1 (above) and develop support mechanisms	Climate NI, Sustainable NI, NILGA	By 2024
3	Develop and pilot a 'monitoring and reporting process' which can be used by local councils to undertake Step 5 of the adaptation cycle	Climate NI, Sustainable NI	By 2021
4	Share learning from CLIMATE NPA Interreg project on adaptation cycle planning with local councils	Climate NI and DCSDC	By 2021
5	In bringing forward their LDPs, Councils will take account of climate change adaptation considerations as indicated in the Strategic Planning Policy Statement	Local councils	Ongoing

Adaptation Planning Cycle

Local Government Adapts: Adaptation Actions

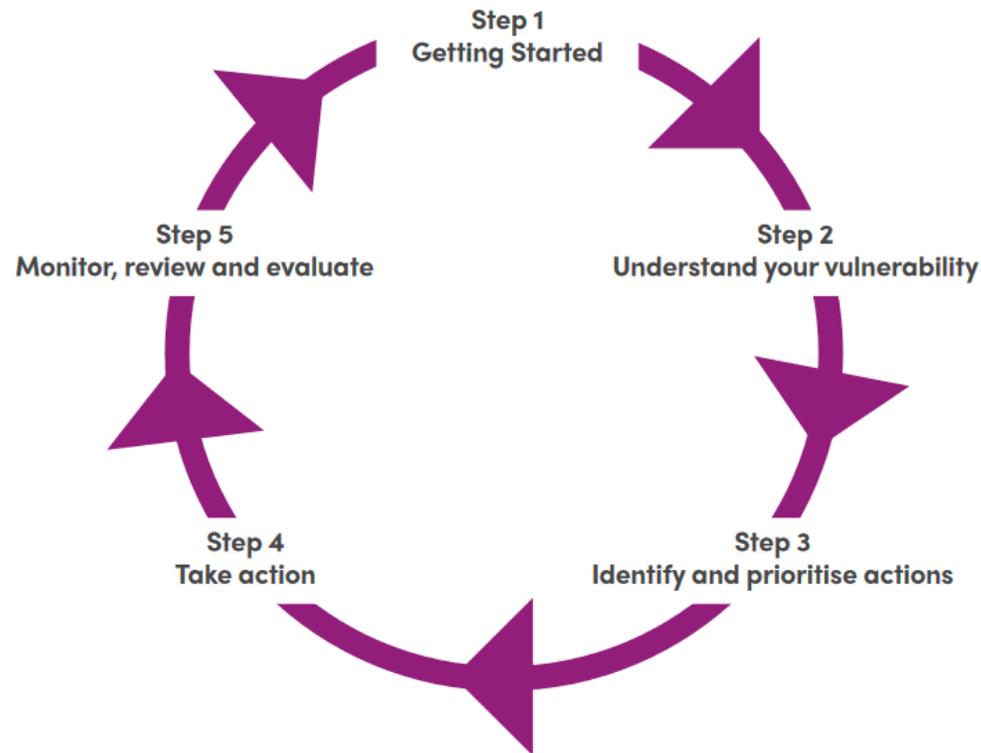


Figure 1: Adaptation Cycle²⁹

Step 1 Getting Started

(Define objectives, assemble team and put in place any required procedures)

Step 2 Understand your vulnerability

(Consider your vulnerability to past weather event and projected climate)

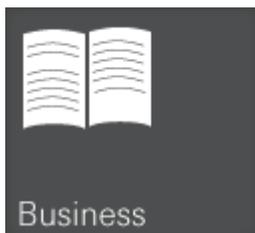
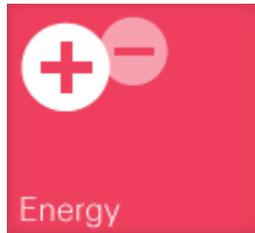
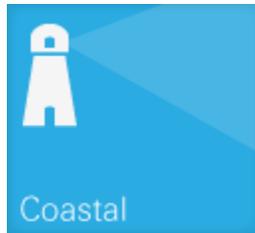
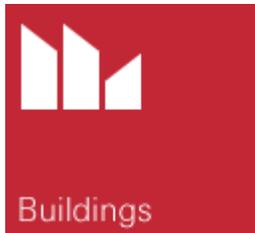
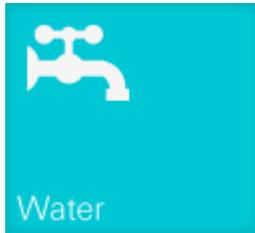
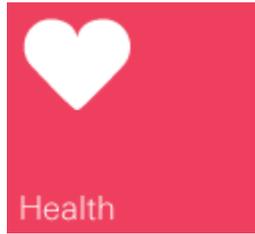
Step 3 Identify and prioritise actions

Step 4 Take action

Step 5 Monitor, review and evaluate



Climate NI Adaptation Planning Guidance for Councils



Contents:

- Climate NI Adaptation Guidance tool and support for local councils
 - CLIMATE NPA Interreg Project
 - Adaptation Planning Cycle
 - Case Study: Internal Working Group Meeting 1
 - Proposed Timescale
- Adaptation Lessons learned – DCSDC
- Discussion
- How does adaptation planning relate to other council work and external projects?
- Terms of Reference and Next Steps

NIEL (Climate NI) Role in CLIMATE project

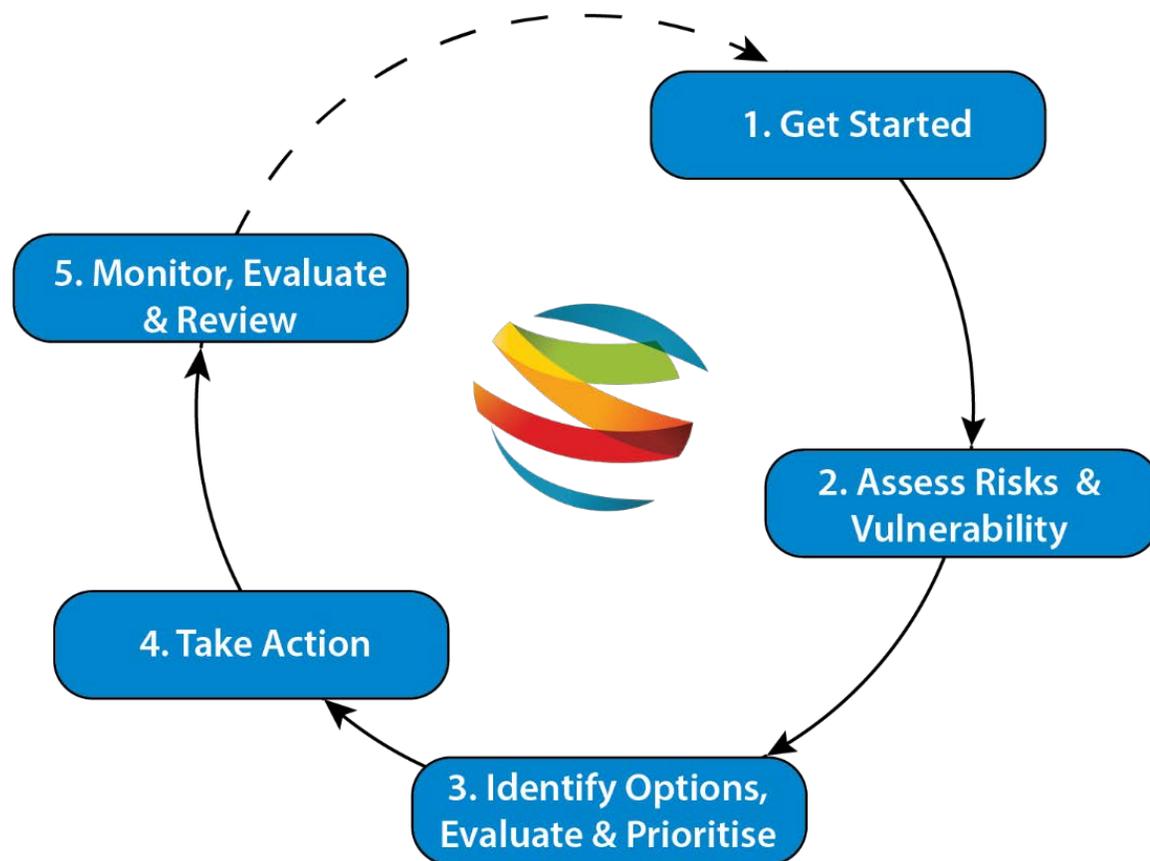
Exercise 1

Impact	Consequence
Heatwaves	
Water supply -	→ Consent to extract water → Floral displays - Plant species - Make re data.
Air Pollution	
Staff - Working Conditions	- Sent home early Increased sickness
Pollution -	→ Impact on local rivers Visitor numbers - pressure on infrastructure
Increased leisure	→ Increased spend Anti-social behaviour
Waste	→ Increased volume of waste
Properties - Increased cooling	→ Financial
PR - Watering plants Fountains - etc.	
Pests	→ Increase
Heritage	→ Collections & Buildings

- Our role: included supporting Derry City and Strabane Council through planning process and resource development for toolkit.
- We are now developing guidance specific to Northern Ireland based on the CLIMATE toolkit, tailored to be specific to the NI political and legislative context.

CLIMATE Adaptation Planning Model & Toolkit

Planning Cycle



Model Support Tools



Legacy of the CLIMATE project

Level of current capacity and resource is low in Northern Ireland, so guidance is designed to undertake a first assessment.

Tools available for use in the steps include:

- Working Group Terms of Reference
- Workshop Agendas
- Workshop Exercise Templates
- Service Area and Economic Factsheets
- Risk Register and Action Plan to define scope of plan
- Collections of data used, resource and contacts

We integrate CLIMATE information into each step according to the need for the resource and information context in Northern Ireland local authorities.

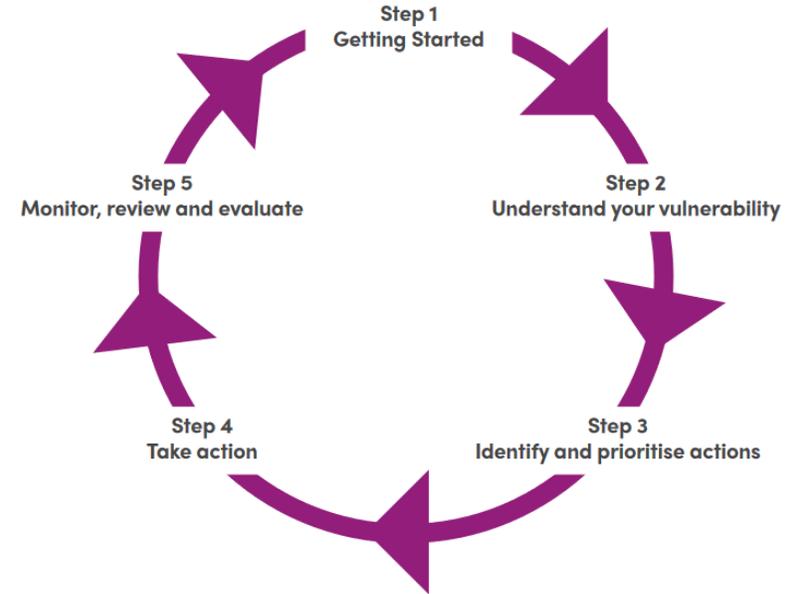


Figure 1: Adaptation Cycle²⁹

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Local Government Climate Action Network (LGCAN)

Scope:

1. Development of NI-wide local authority climate change group (*LGCAN*) to train council staff and share learning.
2. Support delivery of 'NICCAP Local Authority Action' for Climate Adaptation plans by NI local authorities, with established working groups by 2021 at the latest and a plan by 2024.

Getting your house in order – looking initially at council services and institutional resilience to risks, as identified by staff and NICCAP. This is a key part of climate action

Through this communities will be affected, but they are not specifically within DCSDC remit. It is up to you to define the breadth of your plan, but the initial mapping of your own institution is important as a basis for further work.

Local Government Climate Action Network (LGCAN)

Points of Note

- No legislative requirement to develop an adaptation plan.
- It is an iterative process, so this first step is fundamentally to begin taking action within your council. More detailed assessments can come further down the line when you have mapped your areas of key risk or gaps.
- This process will produce a plan, but in many ways the more important outcome of this process should be to engrain a critical capacity in staff to assess decisions in the context of climate action.
- ***This will be different from the CLIMATE project as there will be no specific project manager resource. The quality of the internal working groups and cross-council support is therefore vital.***

What are we proposing?



What are the Two Groups?

- **Multi-Council Meetings (LGCAN Training)**

- ‘Train the Trainer’ sessions – provide training and tools required for lead contacts to hold workshops in their own councils
- **Participants:** lead adaptation contact from each council and other relevant agencies as required
- All councils are welcome to each meeting, even if they’re at different stages of the process

- **Internal Working Group:**

- Bring all services areas together at working group meetings to develop and implement the adaptation plan
- Working group members will raise awareness of the risks facing their services areas and collaborative with colleagues on development of actions to address these

What is the role of the Lead Adaptation Contact?

- Participate in LGCAN training meetings and then organise logistics and secretariat for internal working group meetings
- Coordinate work between meetings, such as writing up findings from IWGs and drafting action plans

Adaptation Planning Cycle



Figure 1: Adaptation Cycle²⁹

Step 1 Getting Started

(Define objectives, assemble team and put in place any required procedures)

Step 2 Understand your vulnerability

(Consider your vulnerability to past weather event and projected climate)

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Proposed Process

Meeting 1

- *Step 1 – Getting Started and*
- *Step 2 - Understanding Your Vulnerability (50%)*

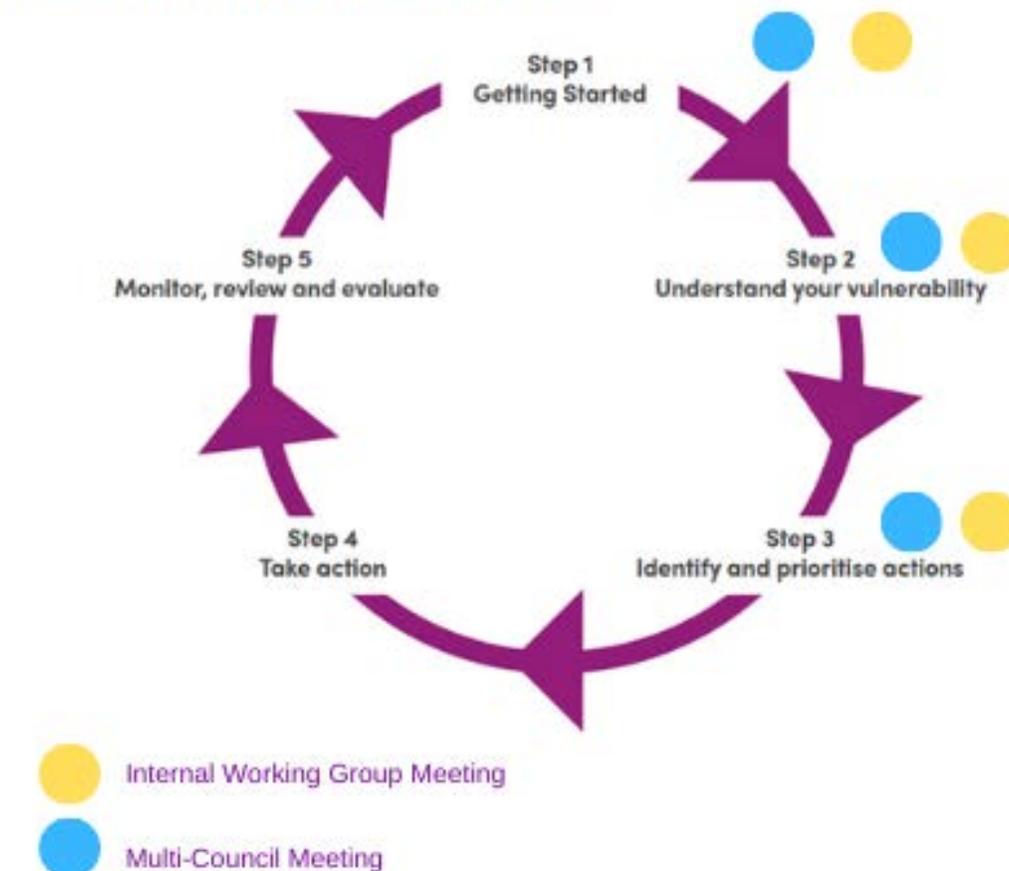
Aims:

- Build understanding and awareness within the working group around the scientific and policy context of climate change
- Enable staff to begin thinking about how their council services are vulnerable to climate change

Outcome:

Understanding of climate change impacts, policy context, internal drivers, external contacts, resource and scope of plan

Local Government Adapts: Adaptation Actions



Proposed Process

Local Government Adapts: Adaptation Actions



Meeting 1

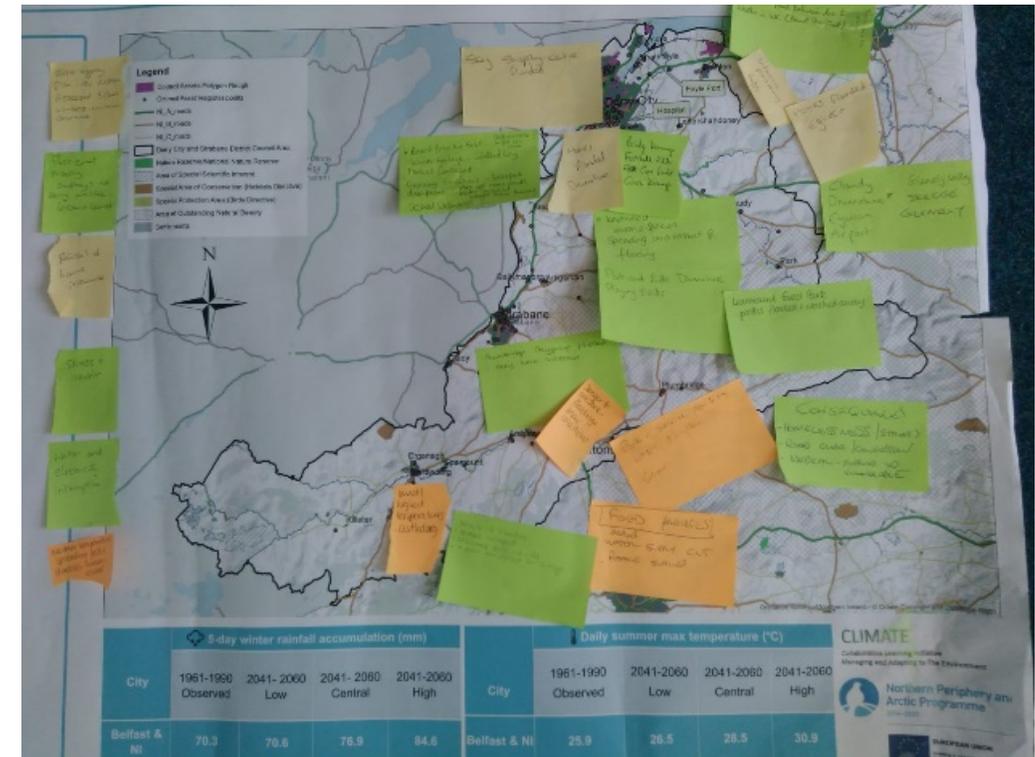
- *Step 1 – Getting Started and*
- *Step 2 - Understanding Your Vulnerability (50%)*

Aim:

- Build on understanding of context and drivers within the working group to assess observed and future council climate risks, including responses, priorities and resources.

Outcome:

- *Risk mapping assessment based on council GIS maps which defines observed impacts, including the relevant responsible service areas, impact to council and procedural responses.*
- *Understanding of key future climate projections and assessment of future impacts.*
- *List of observed and future risks, impacts and policies on which to build risk register and action plan.*



This guide is broken up into 2 parts:

Part 1: The lead adaptation contact will follow the steps to develop your own understanding of climate change and how it will impact your organisation. You will also find out what you should discuss in a first meeting of an internal working group on this issue, including who you might invite.

Part 2: Part 2 will guide you through every step of the first internal working group meeting itself, including what outcomes you need to have by the end and how it fits into your organisational aims.

Content	Resources	Time takes to complete
1.Our Changing climate and how it impacts Northern Ireland	PDF	15 mins
2.Policy Content	PDF	15 mins
3.Departments & Services Involvement Identify departments and services already affected and what relevant actions, contacts and external agencies to involve in your plan	Department & Services Adaptation Action Worksheet	20 mins
4.Contact list for Internal Working Group Organisational tool for relevant contact details and information which can be used throughout the process	Working Group Database Example contact List	10 mins

Case Study: Internal Working Group Meeting 1

As a first step - Adaptation Lead Contacts will review a short introduction to the toolkit and an overview of materials from DCSDC adaptation plan.

In preparation for the first Internal Working Group Meeting, (Part 1) there are a list of resources to complete which will provide the context of impacts in NI, policy and the necessary contacts to approach in order to organise the internal working group meeting.

Adaptation

Climate

Government

Mitigation



International Policy

THE PARIS AGREEMENT

The Paris Agreement is a landmark adopted on December 12, 2015 at UNFCCC. The deal marked a critical carbon and resilient world. For this united under a single agreement to adapt to its impacts.

Goals:

- to enhance adaptive capacity a
- to reduce vulnerability, with a sustainable development;
- to ensure an adequate adaptation of the goal of holding average degrees C and pursuing efforts C.

IPCC SPECIAL REPORT

The IPCC is a United Nations body countries regular assessments on climate change, its impacts, future adaptation and mitigation. IPCC re climate change-related 'risks to the security, water supply, human sec are to increase with global warmir increase further with 2°C scenario The report provided a stark warni efforts to limit the emissions of G undertaken, the world is locked in

Civil Society and Local Government Adapts

NICCAP SUPPORTING DOCUMENT

Climate NI has prepared the Civil Society and Local Government Adapts Supporting Document highlighting the adaptation actions being undertaken by civil society and local government.

The document provides further detail about each of the climate change adaptation actions and case studies outlined in the civil society and local government adapts chapter. The main aims of the document:

- To outline how civil society and local government will contribute to delivering the 7 objectives of NICCAP2 over the next 5 years.
- To enable an initial mapping exercise of adaptation action across Northern Ireland.
- To provide an opportunity to update and add new actions at the mid-programme review (2021).

NET ZERO THE UK'S CONTRIBUTION TO STOPPING GLOBAL WARMING

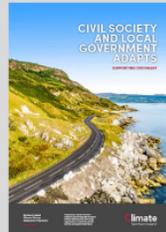
UK becomes first major economy to pass net zero emissions law. New target will require the UK to bring all greenhouse gas emissions to net zero by 2050. ... The target will require the UK to bring all greenhouse gas emissions to net zero by 2050, compared with the previous target of at least 80% reduction from 1990 levels.

The report's key findings are that:

- The Committee on Climate Change recommends a new emissions target for the UK: net-zero greenhouse gases by 2050.
- Scotland recommend a net-zero date of 2045, reflecting Scotland's greater relative capacity to remove emissions than the UK as a whole.
- Wales recommend a 95% reduction in greenhouse gases by 2050.

A net-zero GHG target for 2050 will deliver on the commitment that the UK made by signing the Paris Agreement. It is achievable with known technologies, alongside improvements in people's lives, and within the expected economic cost that Parliament accepted when it legislated the existing 2050 target for an 80% reduction from 1990.

CIVIL SOCIETY AND LOCAL GOVERNMENT ADAPTS



NET ZERO THE UK'S CONTRIBUTION TO STOPPING GLOBAL WARMING



Click on images for document links

Case Study: Internal Working Group Meeting 1

Content	Resources	Time takes to complete
1.Our Changing climate and how it impacts Northern Ireland	PDF	15 mins
2.Policy Content	PDF	15 mins

The template lists a range of different department/ services found in Northern Ireland's local councils and gives examples of adaptation links for each. Complete the table by adding in information about any plans, policies and / or strategies that relate to adaptation, with additional space to add key contacts and external agencies.

Service/ Department	Examples of how the service/ department may be affected by climate change	Action within your organisation. Describe existing actions, plans or policies that support adaptation across different services. You may wish to list or link to relevant plans/ policies/ strategies.	Contacts	External Agencies
Planning	Climate impacts such as flood risk and coastal change may affect different locations and communities. Is adaptation included in processes such as spatial and development planning?			
Economic Development	Projected changes to climate, can increase risks of disruption to both contractors and bidders in the delivery of projects. Has this been factored in to economic development plans?			
Emergency Planning	Increasing frequency and magnitude of weather events can have a greater impact on local communities and businesses. Has your organisation incorporated the possible impacts of climate change in local council emergency plan?			
Building & Asset Management	Increased severe weather events, rainfall and temperatures may impact building fabric Whether retrofitting existing or building new, it is likely that there will be issues with water management (in flood and drought), weather resistance and overheating. Has this been factored in to asset investment and strategies?			

Case Study: Internal Working Group Meeting 1

Content	Resources	Time takes to complete
3. Departments & Services Involvement Identify departments and services already affected and what relevant actions, contacts and external agencies to involve in your plan	Department & Services Adaptation Action Worksheet	20 mins

Case Study: Internal Working Group Meeting 1

Working Group Database: This worksheet allows you to organise the attendees for the working group meetings. Including contact details and any relevant information which can be used throughout the process as a useful resource.

Contact Database

Stakeholder	Job Title/Role	Email	Contact number	Motivations & Relevance	Communication Tools	Other information	Record of Engagement
John Smith	Biodiversity	JohnSmith@email	028 #####	Responsible for environmental protection and improvement. Also extensive knowledge of climate adaptation.	1-1 Meetings Email Updates Workshops Working Group Project Newsletter	*Dietary Requirements* *Availability*	*Attendance to meetings /workshops*
Name	Principal Planning Officer Development Planning	Name@email	028 #####	Responsible for planning team in Council and policy development	1-1 Meetings Email Updates Workshops Working Group Project Newsletter	*Dietary Requirements* *Availability*	*Attendance to meetings /workshops*
Name	Head of Environment	Name@email	028 #####	Responsible for Parks, Environment, Capital Development & Waste teams in Council	1-1 Meetings Email Updates Workshops Working Group Project Newsletter	*Dietary Requirements* *Availability*	*Attendance to meetings /workshops*

Content	Resources	Time takes to complete
4.Contact list for Internal Working Group Organisational tool for relevant contact details and information which can be used throughout the process	Working Group Database Example contact List	10 mins

Case Study: Internal Working Group Meeting 1

The workshop - Half a Day (Agenda, Powerpoint, Worksheets, Terms of Reference)

1. Introductions
2. Climate change and its impact in NI
3. Policy Context
4. What is an adaptation plan? (info from 28th Nov Presentation) and including Derry Plan and video
 - CNI Guidance Overview
 - Derry Overview Document
 - Risk Register
 - Action Plan
5. Strategic Objectives for adaptation (consider within your council's existing objectives)
6. Departments and Services Involvement
7. Terms of Reference and Resource of group to undertake process
8. Gaining buy-in from elected members and senior staff
9. Next Steps
 - What work is required before next meeting
 - Allocate tasks/actions

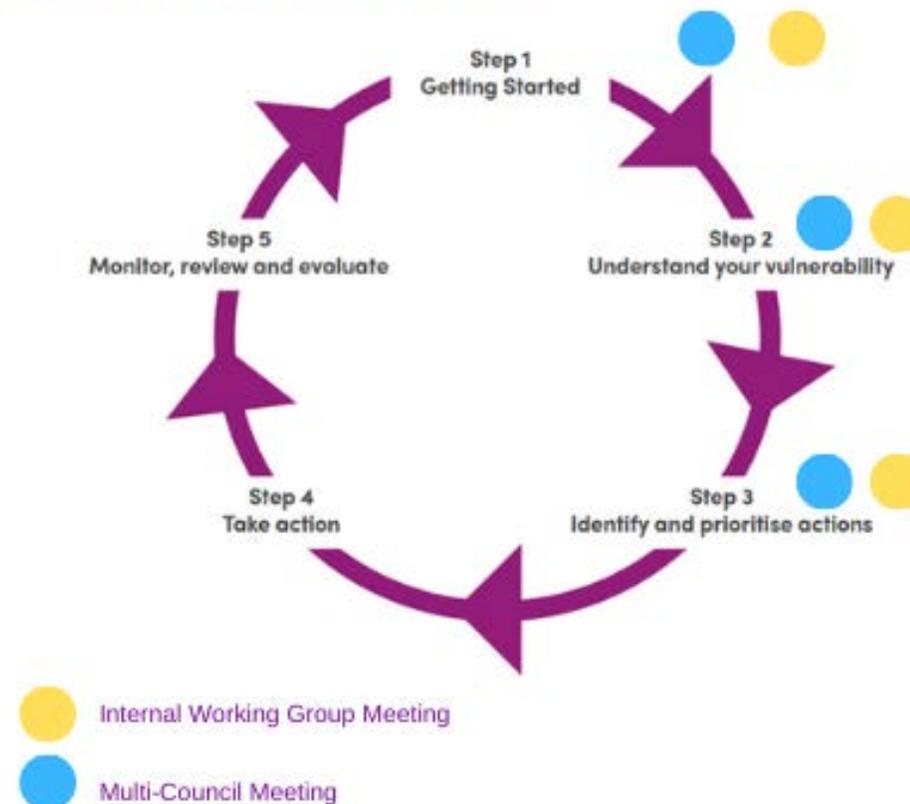
Depending on decision of councils, this would lead into mapping exercises from Step 2, for which agenda, powerpoint, worksheets and suggested data for map development would be listed.

Write your risk register and action plan

Lead Adaptation Contacts would then be trained to develop a series of risk statements leading to development of an action plan.



Local Government Adapts: Adaptation Actions



Responsibility

- **Local Government Climate Action Network**

- To secure buy-in, support and training from lead adaptation contacts
- Define timeframe and scope with participants
- Facilitate discussion of how the adaptation planning process will align with wider climate action
- Help to develop senior buy-in where possible
- Non-council representatives to link in with process as required

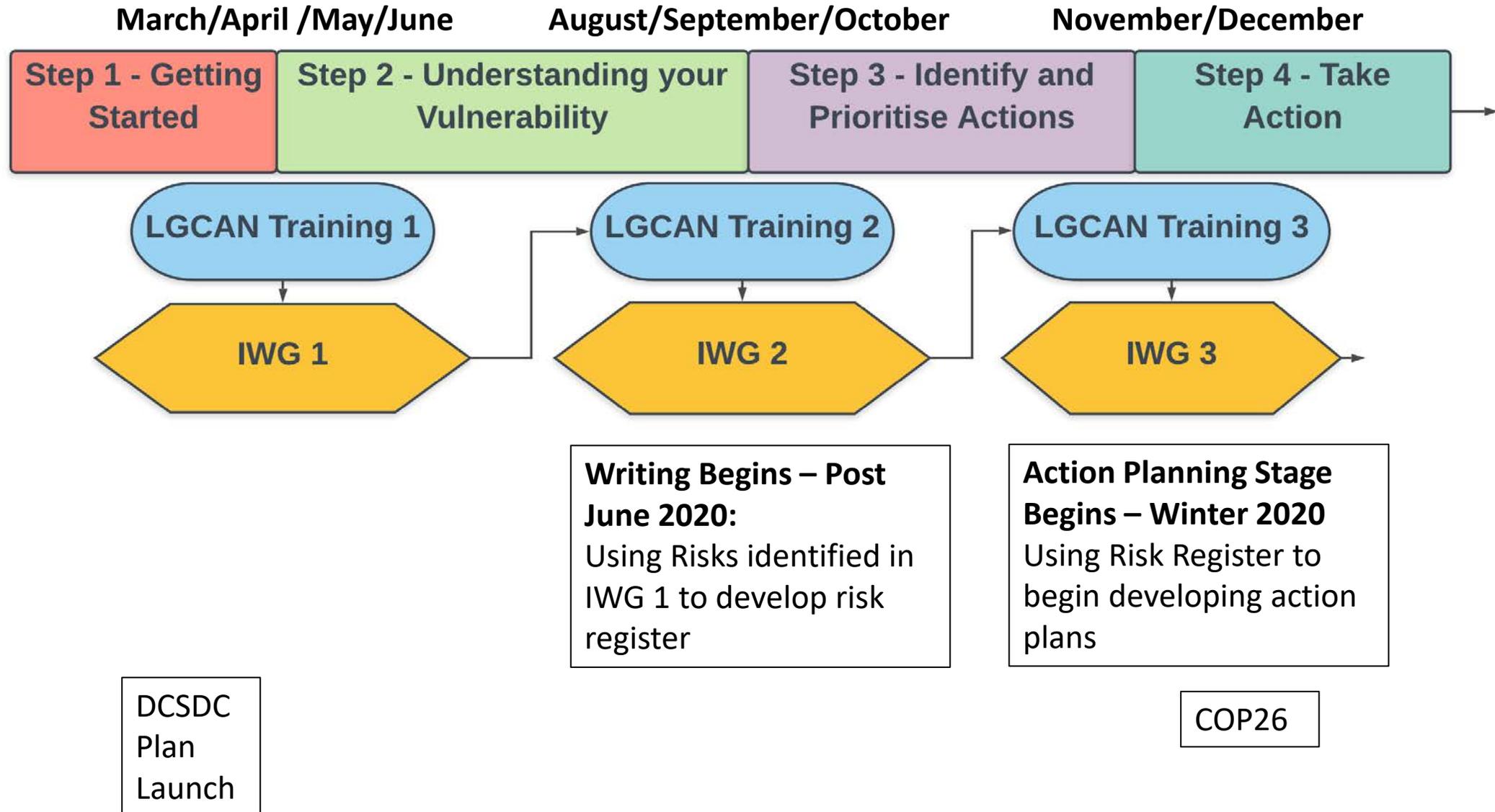
- **Lead adaptation contacts**

- Participate in multi-council training meetings
- Organise logistics and secretariat for internal working group meetings
- Coordinate work between meetings

- **CNI**

- Provide training and support through multi-council meetings
- Provide a suite of guidance local authorities can follow – e.g. agendas, contact lists, terms of reference, worksheets, factsheets
- Participation and support at the first internal working group in each local authority
- Facilitate LGCAN and coordinate engagement with other agencies and organisations

Proposed Timescale - 2020



Climate

Northern Ireland

Thank You

Contact us:

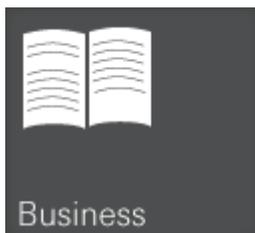
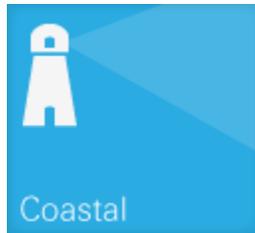
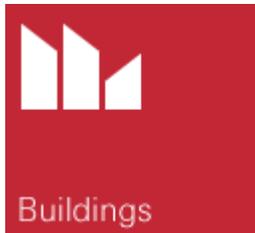
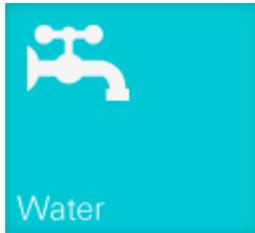
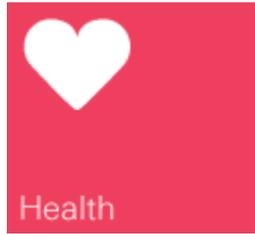
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@ClimateNI

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Contents:

Adaptation Planning and Lessons Learned in DCSDC

- Discussion
- How does adaptation planning relate to other council work and external projects?
- Terms of Reference and Next Steps

Discussion

20 mins – Initial Questions

- Is the approach to adaptation guidance and support clear?
- Further questions?

20 mins - Small Group Discussion: Reflections on how this approach could work for you

- *Are you content with the 'train the trainer' idea?*
- *Reflect on the role of the lead adaptation contact (undertake all work between stages/workshops, or provide a coordination role of several staff from across the council)*

For example, who will write-up findings from the internal working group meetings, and draft actions plans etc...

20 mins – Full Group Discussion: Where next...

- *Do you think this approach for support and guidance could work for you?*
- *What is the most suitable timescale?*

Discussion

20 mins – Initial Questions

- Is the approach to adaptation guidance and support clear?
- Further questions?

Discussion

20 mins - Small Group Discussion: Reflections on how this approach could work for you

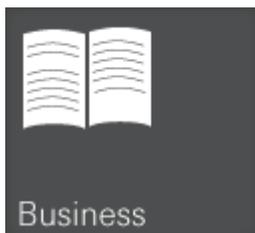
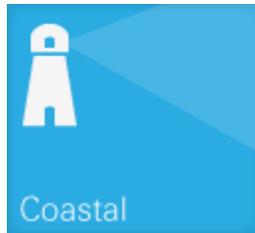
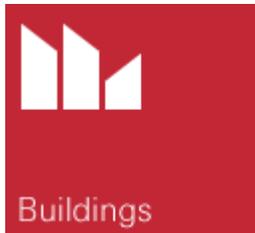
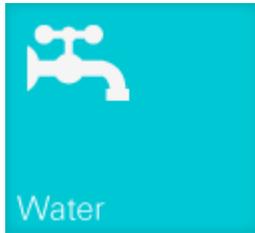
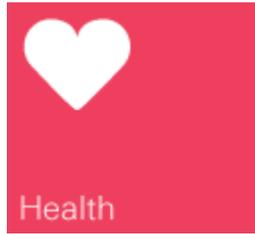
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Discussion

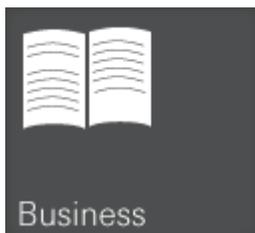
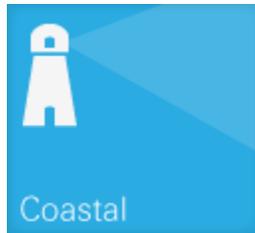
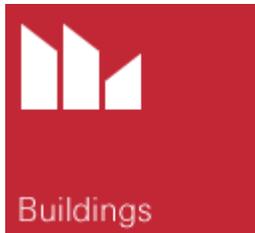
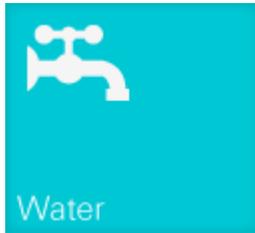
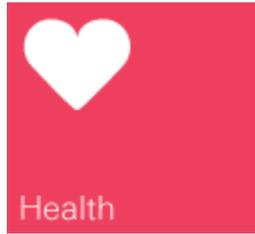
20 mins – Full Group Discussion: Where next...

- *Do you think this approach for support and guidance could work for you?*
- *What is the most suitable timescale?*



Lunch Break (30 mins)

- How does adaptation planning relate to other council work and external projects?
- Terms of Reference and Next Steps



Cross-Cutting Issues

- **How does adaptation planning relate to other council work and external projects?**

LGCAN Terms of Reference (1/3)

LGCAN aims to:

- Define a **cohesive regional approach** to local council climate adaptation planning in Northern Ireland
- Facilitate local councils, relevant external agencies and government departments to guide Climate NI in development of a tailored **NI climate adaptation planning toolkit** (stages 1 to 5)
- **Act as a central point for local authorities** to gain training, support and to share learning across the region
- Collectively **identify and access required support and data** from external agencies and government departments
- **Enable councils to work together, and with external agencies**, to develop solutions to cross-council adaptation challenges
- **Coordinate adaptation planning with other climate change work** in local authorities, central government and other agencies
- Provide a forum to **examine a strategic regional approach for climate action**

LGCAN Terms of Reference (2/3)

Group Objectives to June 2020

Lead adaptation contacts to:

- Attend two scoping meetings in late 2019
- One training meeting in Spring 2020
- Disseminate the results from these meetings as far as possible within their own organisations.
- If council lead adaptation contacts agree to hold their first internal council working group meeting between March and June 2020, in line with the proposed timescale, Climate NI will participate and support the meeting.
- Climate NI will provide secretariat support for LGCAN training meetings, while lead adaptation contacts will provide secretariat support for internal working groups in their own councils.

LGCAN Terms of Reference (3/3)

Monitoring and reporting

Lead adaptation contacts should provide Climate NI with updates at each LGCAN meeting and a brief progress update in 2021 which will feature in a report on actions in the Local Government section of NICCAP. This will be shared with DAERA.

Progress updates will be shared with the Climate NI steering group by Climate NI steering group members who are also members of the LGCAN.

Next Steps

- 1. Expressions of Interest**
- 2. When should we start - timescale?**
- 3. Terms of Reference – look over and feed back at Sustainable Development Forum on 11th December**

Additional Considerations:

- Chief Executive Letters*
- Amy will be in contact in coming weeks for a council update. Please let us know if you have any new developments.*

References

- [\[1\]](https://www.metoffice.gov.uk/binaries/content/assets/metofficegovuk/pdf/research/ukcp/ukcp-headline-findings-v2.pdf) Met Office UK Climate Projections: Headline Findings. Accessed at <https://www.metoffice.gov.uk/binaries/content/assets/metofficegovuk/pdf/research/ukcp/ukcp-headline-findings-v2.pdf>
- [\[2\]](https://www.metoffice.gov.uk/pub/data/weather/uk/ukcp18/science-reports/UKCP18-Overview-report.pdf) Met Office UKCP18 Science Overview. Accessed at <https://www.metoffice.gov.uk/pub/data/weather/uk/ukcp18/science-reports/UKCP18-Overview-report.pdf>
- [\[3\]](https://www.daera-ni.gov.uk/sites/default/files/publications/daera/Northern%20Ireland%20Climate%20Change%20Adaptation%20Programme%202019-2024%20Final-Laid.PDF) Northern Ireland Climate Change Adaptation Programme 2019-2024. Accessed at <https://www.daera-ni.gov.uk/sites/default/files/publications/daera/Northern%20Ireland%20Climate%20Change%20Adaptation%20Programme%202019-2024%20Final-Laid.PDF>
- [\[4\]](https://rmets.onlinelibrary.wiley.com/doi/full/10.1002/joc.6213#reference) Met Office and Royal Meteorological Society 'State of the UK Climate' Report 2018. Accessed at <https://rmets.onlinelibrary.wiley.com/doi/full/10.1002/joc.6213#reference>
- [\[5\]](https://www.metoffice.gov.uk/binaries/content/assets/metofficegovuk/pdf/research/ukcp/ukcp-headline-findings-v2.pdf) Met Office UK Climate Projections: Headline Findings. Accessed at <https://www.metoffice.gov.uk/binaries/content/assets/metofficegovuk/pdf/research/ukcp/ukcp-headline-findings-v2.pdf>



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