CLIMATE IRELAND: SUPPORTING LOCAL ADAPTATION, NATIONAL POLICY AND PRACTICE

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WHY CLIMATE IRELAND?

- Ireland’s **climate is changing**;
- In addition to efforts to reduce the rate and intensity of climate change (mitigation), **adaptation** is now required;
- A collaborative response is needed to ensure that Ireland becomes **climate-ready**;
- Through collaboration and partnership, **Climate Ireland** is building the foundations for this collaborative response.

(Photos courtesy of Iarnród Éireann)
WHY CLIMATE IRELAND?

• Ireland’s **climate is changing**;

![Temperature Increase Chart](chart.png)

**Observed Surface Temperature (°C) 1941-2014**

- Temperature Increase (°C)
  - Ireland (All Island)
  - North
  - South
  - East
  - West
  - Midlands

**Irish Geographic**

Temperature Change between 1961-1990 and 1981-2010 (Maps by generated by PJ Alexander based on Met Éireann Data)
WHY CLIMATE IRELAND?

- And with a wide range of impacts;
CLIMATE ADAPTATION POLICY: NATIONAL ADAPTATION FRAMEWORK (2018)

- Low Carbon and Climate Action Act (2015):
  - National Mitigation Plan;
  - National Adaptation Framework (NAF);
  - National Climate Change Advisory Council.

- NAF provides for a coordinated and whole of government response.

- Requires the development of local adaptation plans by September 30th 2019

- Iterative – Learning by Doing.

Adaptation under this Framework should seek to minimise costs and maximise the opportunities arising from climate change.
SECTORAL ADAPTATION

- Requirement for Government Depts. to prepare sectoral adaptation plans;
- Include specific and measurable policies;
- Cross sectoral adaptation planning – Importance is recognised;
- Interaction with Regional Climate Offices is a necessity.
- Adaptation is ultimately implemented at the local scale.

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Climate Action Regional Offices (CAROs - established 2018):
- Mitigation and Adaptation;
- Academic Partnership – Expert Couplets;
- Centres of Expertise;
- A Resource to Other County Council (Local Authority) Offices;
- Enable a more co-ordinated engagement across all of government;
- Cross Office and Sectoral collaboration is key.

Local Plans to:
- Adopt local adaptation strategies based on the regional governance approach;
- Reduce the Vulnerability of the State to the negative effects of climate change and avail of any benefits that may occur.
EVOLUTION OF CLIMATE IRELAND

CRITICAL SUCCESS FACTORS

• Policy integration and alignment – whole of government approach;
• Behavioural change – Buy in by all;
• Increasing knowledge and information;
• Technology advancement;
• Resources/Finances;
• Local Authorities are a key player (e.g. Flood Risk Management, Biodiversity, transport, planning).
EVOLUTION OF CLIMATE IRELAND

2011 ICIP Phase 1
System Design

2013 ICIP Phase 2
Local Authorities

2015 ICIP Phase 3
Sectoral

2017 onwards
Operational Rollout

2018 Operational
Climate Ireland

Welcome to Climate Ireland
Climate Ireland provides national and local resources to help organisations, service and government to respond to the new climate circumstances and climate change. The main objectives are:
- increasing knowledge and taking awareness
- dissemination of information required for climate adaptation
- promoting decision-making for adaptation

Roïn Comairse, Gníomhaíthe ar son na hÉireann & Comhshaol Department of Communications, Climate Action & Environment

Draft National Adaptation Framework
Planning for a Climate Resilient Ireland

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Climate Ireland
Climate Ireland
IRELAND’S ONLINE SOURCE OF CLIMATE & ADAPTATION INFORMATION

DEVELOPING CAPACITY & SUPPORTING PLANNING

TIME TO ADAPT
CLIMATE IRELAND

DEVELOPING CAPACITY & SUPPORTING PLANNING

Sectoral  Local
Ireland’s National Adaptation Framework requires the development of both local and sectoral adaptation plans. This is being supported by Climate Ireland through the development of adaptation guidelines and online tools.
EVOLVING CLIMATE POLICY AND EXPERIENCE

• Climate Adaptation is an iterative process;

• Climate Ireland is successfully supporting decision makers through the process by:
  1. Raising awareness;
  2. Providing information and data;
  3. Supporting decision making.

• Experience of working with the National Government and Local Authority sector is essential to understand and anticipate evolving user needs.
EVOLUTION OF CLIMATE IRELAND

Adaptation Policy Development

2011
ICIP Phase 1
July 2011

2012
ICIP Phase 2
November 2017

2013
ICIP Phase 3
January 2018

2014

2015

2016

2017

2018

Policy
Policy Requirements
Irish Climate Information Platform
Adaptation Plans (Supported by ICIP)
Guidance Documents (Supported by ICIP)

Statutory

Department of Transport, Tourism and Sport
Transport, November 2017

Dept. Communications Climate Action & Environment (DCCAE)
Electricity and Gas, November 2017

Dept Agriculture Food and Marine (DAFM)
Agriculture & Forestry, August 2017

City of Dublin Energy Management Agency (CODEMA)
December 2016

Local Authority Adaptation Strategy Guidelines
April 2016

Climate Ireland
December 2018

Climate Action and Low Carbon Development Act
December 2015

National Adaptation Framework (NAF)
January 2018

Sectoral Plans (12)
Climate Action Regional Offices (CARO - 4)
Local Plans (26)

Initiating Adaptation

Implementing Adaptation

3rd Dec 2018

TIME TO ADAPT
Thank you for your attention

http://www.climateireland.ie

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