



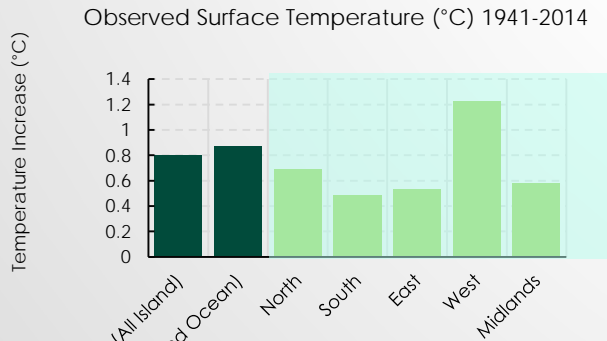
CLIMATE IRELAND: BUILDING CAPACITY FOR LOCAL LEVEL ADAPTATION

Barry O'Dwyer & Jeremy Gault.

MaREI Centre, ERI,
University College Cork, Ireland.

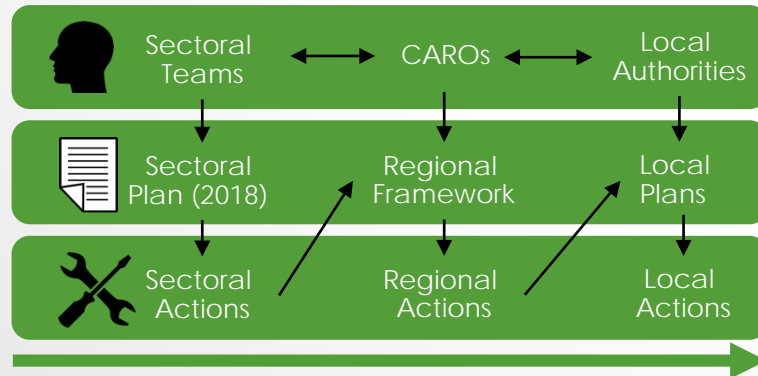
WHY ADAPTATION?

- Ireland's **climate is changing**;
- In addition to efforts to reduce the rate and intensity of climate change (mitigation), **adaptation** is now required;
- Ireland's **National Adaptation Framework** requires the development of local and sectoral adaptation plans



LOCAL SCALE ADAPTATION IN IRELAND

- Local Adaptation Strategies aim to reduce the vulnerability of the state to the negative effects of climate change and avail of any opportunities (with a **focus on local services and functions**);
- Co-ordinated through the **Climate Action Regional Offices** (established 2018);
- Local adaptation Strategies to be **developed by September 2019**.



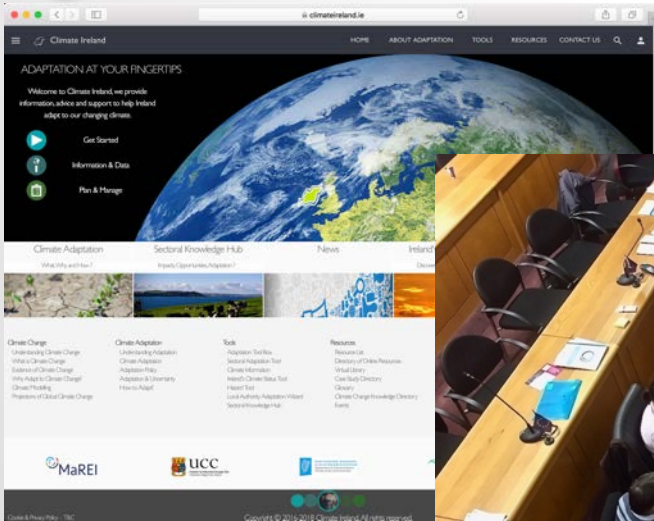
National Policy

Local Implementation

Climate Ireland: A Key Support for National And Local Adaptation Policy



**INFORMATION PROVISION: IRELAND'S
ONLINE SOURCE OF CLIMATE &
ADAPTATION INFORMATION**

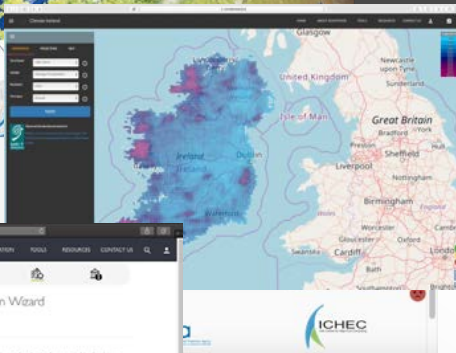


**OUTREACH AND TRAINING:
DEVELOPING CAPACITY &
SUPPORTING PLANNING**





HTTP://WWW.CLIMATEIRELAND.IE



Get Started



Information & Data



Planning & Managing





Sectoral



Local



OUTREACH AND
TRAINING
DEVELOPING
CAPACITY &
SUPPORTING
PLANNING

National Adaptation Policy Development

Statutory

Non-Statutory National Climate Change Adaptation Framework (NCCAF)
December 2012

Climate Action and Low Carbon Development Act
December 2015

National Adaptation Framework CAROS established
January 2018

Local Adaptation Strategies

2011

2012

2013

2014

2015

2016

2017

2018

2019

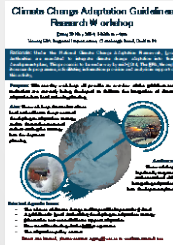


ICIP Phase 1
July 2011

ICIP Phase 2
December 2013

ICIP Phase 3
December 2015

Climate Ireland
December 2017



Capacity Building

Planning

Implementing

CHALLENGES FACED BY LOCAL AUTHORITIES IN PLANNING

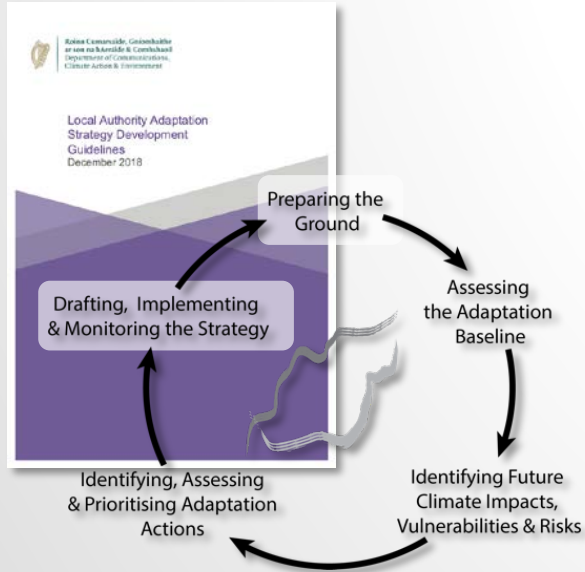
Clear recognition that Local Authorities are vulnerable to climate and weather-related impacts.

Key Challenges in planning for adaptation:

- Requirement for **buy-in** at all levels of governance;
- Not a simple task and a **new area of planning**;
- Requirement for **leadership** at all levels;
- **Synergies** across local authority boundaries should be exploited.

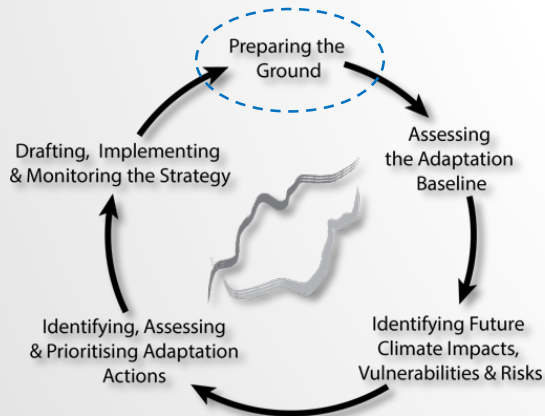


LOCAL AUTHORITY ADAPTATION STRATEGY DEVELOPMENT GUIDELINES



- Based around a **5 step iterative** adaptation planning cycle;
- Developed **in consultation** with CARO's and individual LAs;
- **Align** to local authority decision making processes;
- Aim is to **address the challenges** of planning for climate change adaptation

LOCAL AUTHORITY ADAPTATION STRATEGY DEVELOPMENT GUIDELINES

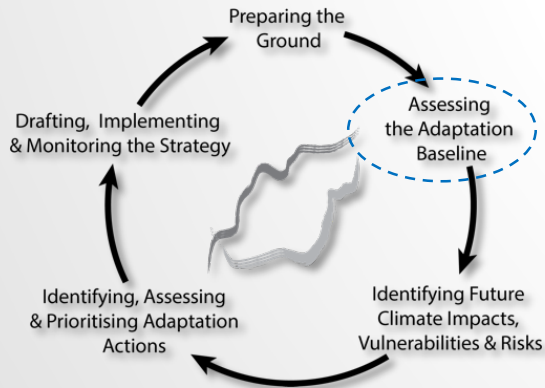


Preparing the Ground:

- Team building (Core Team Supported by a Wider Planning Team);
- Stakeholder Engagement;
- Capacity building;
- Authority Analysis.

A wide range of knowledge and expertise is required in the development of adaptation plans

LOCAL AUTHORITY ADAPTATION STRATEGY DEVELOPMENT GUIDELINES

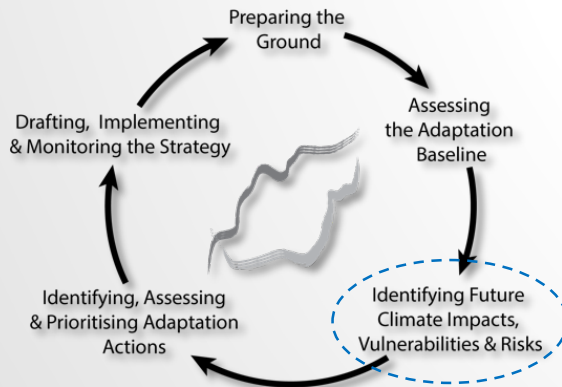


Assessing the Adaptation Baseline

- Develop Understanding of current climate hazards and risks;
- Focus on local scale vulnerability and implications for delivery of services by the Local Authority;
- Business case development.

Understanding current levels of vulnerability is key when assessing future impacts and risks.

LOCAL AUTHORITY ADAPTATION STRATEGY DEVELOPMENT GUIDELINES

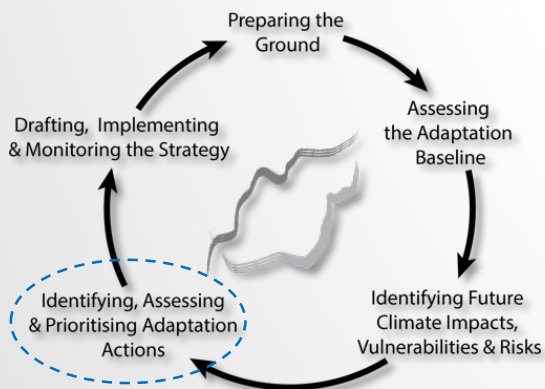


Identifying Future Climate Impacts and Risks

- Assessment of future vulnerability based on current understanding;
- Information deficits?
- Development of risk register (relevant to local scale planning).

Assessment of future impacts and risks should start with those currently affecting you but with an eye for new/emerging risks

LOCAL AUTHORITY ADAPTATION STRATEGY DEVELOPMENT GUIDELINES

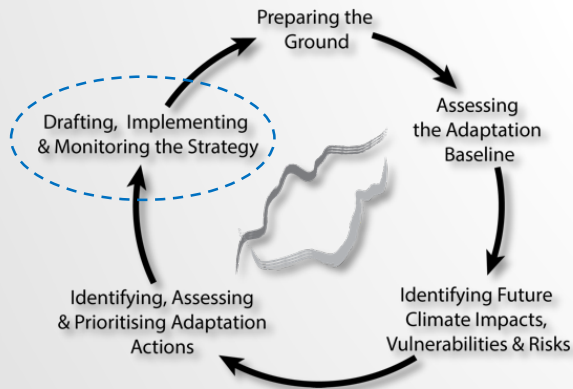


Identifying, Assessing and Prioritising Adaptation Actions

- Goals (Long-term) and Objectives (sequenced);
- Identification of actions achievable in the short term;
- Capacity building and delivery of adaptation action.

Adaptation options should be identified which build capacity to deliver climate adaptation in the long term and to address current climate risks

LOCAL AUTHORITY ADAPTATION STRATEGY DEVELOPMENT GUIDELINES



Drafting, Implementing & Monitoring the Strategy

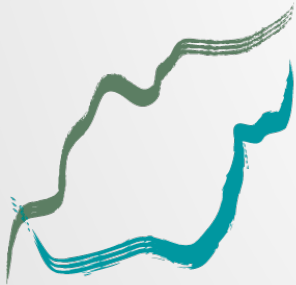
- Monitoring & Assessment;
- Review.

Monitoring and evaluating adaptation actions is essential to avoid maladaptation.

EVOLVING CLIMATE POLICY AND EXPERIENCE

- Climate Adaptation is an **iterative process**;
- **Experience** of working with the National Government and Local Authority sector is essential to understand and **anticipate evolving user needs**;
- Climate Ireland is successfully supporting decision makers through the process by:
 1. Raising awareness;
 2. Providing information and data;
 3. Supporting decision making.





Thank you for your attention



<http://www.climateireland.ie>



b.odwyer@ucc.ie



[@ClimateIreland](https://twitter.com/ClimateIreland)