



An Roinn Tithíochta, Pleanála,
Pobail agus Rialtais Áitiúil
Department of Housing, Planning,
Community and Local Government



Roinn Cumarsáide, Gníomhaithe
ar son na hAeráide & Comhshaoil
Department of Communications,
Climate Action & Environment

Environmental Services Training Group

LOCAL AUTHORITY ENVIRONMENT CONFERENCE
2019

Climate Action: Leading at Local Level

Midlands Park Hotel, Portlaoise, Wednesday 24th. April
2019.

Climate Action: Leading at Local Level

The Role of Climate Action Regional Offices

Joe Boland

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Eastern and Midlands
Climate Action Regional Office



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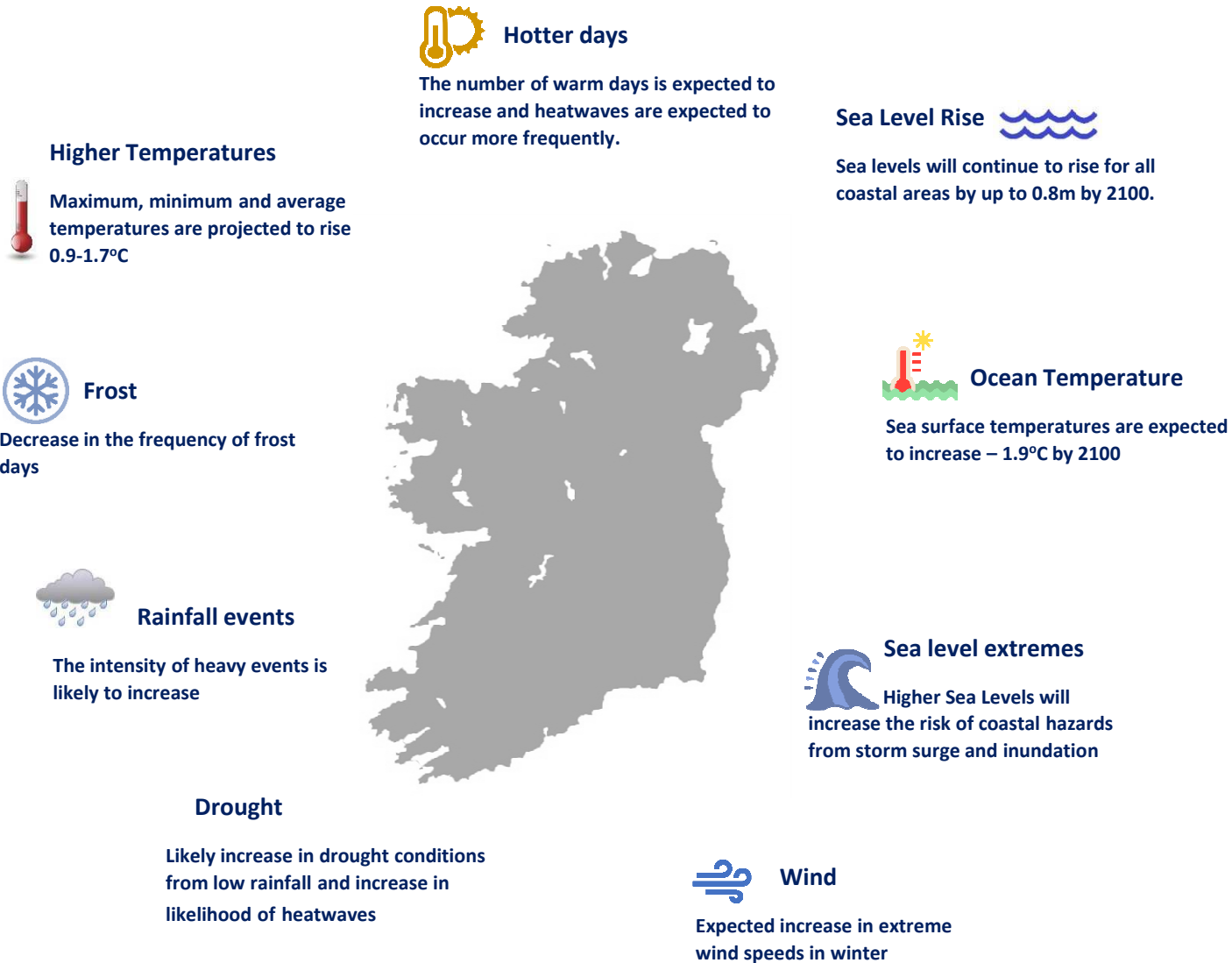
Roinn Cumarsáide, Gníomhaithe
ar son na hAeráide & Comhshaoil
Department of Communications,
Climate Action & Environment



Presentation Outline

1. Climate Change in Ireland
2. Impact on Local Authorities
3. Role of Climate Action Regional Offices
4. Emerging Strategies
5. Future Challenges & Opportunities

1. Climate Change in Ireland



2. Impact on Local Authorities



1D205737 Photo: © Peter Barrow Photography 30th November 2009 Between 9:35am and 10:45am Tel: 045-401070

Sallins

Waterways, Sallins – 27th Nov 2009

2. Impact on Local Authorities

❑ Storm Emma



2. Impact on Local Authorities

Storm Ophelia

- ❑ Disruption to transport networks
- ❑ Fallen trees
- ❑ Water supply & waste water treatment (IW – SLA)
- ❑ Loss of power supply
- ❑ Clean up costs

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Wednesday 7 November 2018 News Hurricane Ophelia FOLLOW CONTACT

Ophelia Nationwide: Local authorities begin to count the damage as the storm continues to hit part of the country

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'An absolute tragedy' - Tributes paid to three victims of Storm Ophelia [Hurricane Ophelia](#)


Luas services to be suspended until Wednesday morning [Hurricane Ophelia](#)

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Editor's Choice

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Surfers watch as waves approach in the Atlantic on the eve of storm Ophelia in an area where the tide should be out in the County Clare town of Lahinch, Ireland October 15, 2017. REUTERS/Clodagh Kilcoyne

2. Impact on Local Authorities

Summer 2018

- ❑ Drought
- ❑ Reduced flow in rivers
- ❑ Damage to roads



Lost village emerges from lake as water levels plummet at Wicklow reservoir

Pictures reveal a homestead and farming equipment in the man-made reservoir.



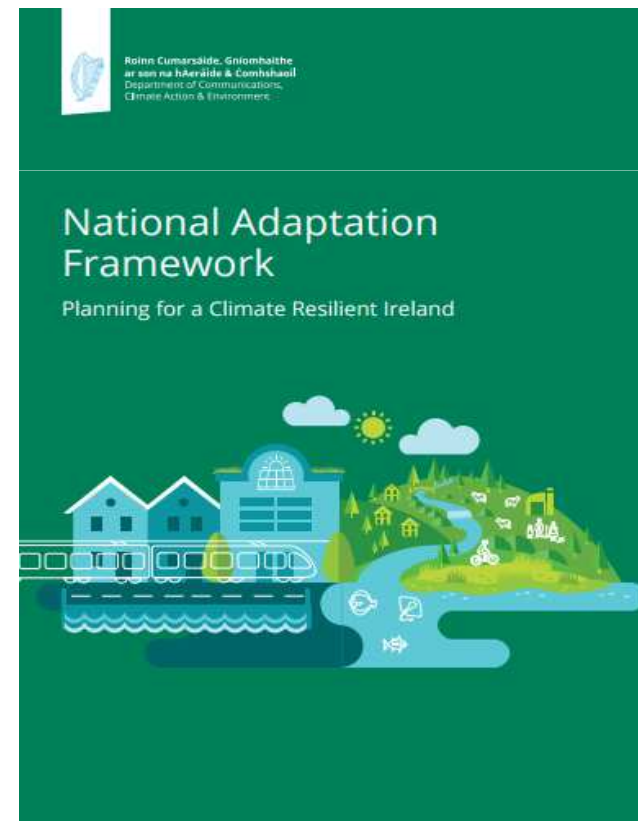
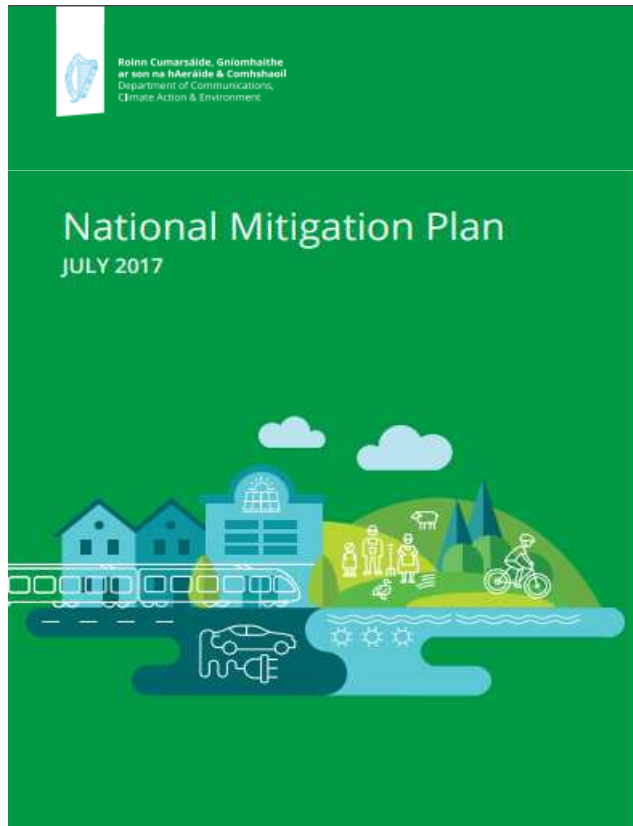
(An Garda Síochána)

2. Impact on Local Authorities

- Damage to critical infrastructure
 - Roads & bridges
 - Surface water drainage
 - Local Authority buildings and housing stock
- Flooding and water quality
- Disruption to local communities
- Changes to local bio-diversity
- Service disruption
- Additional costs

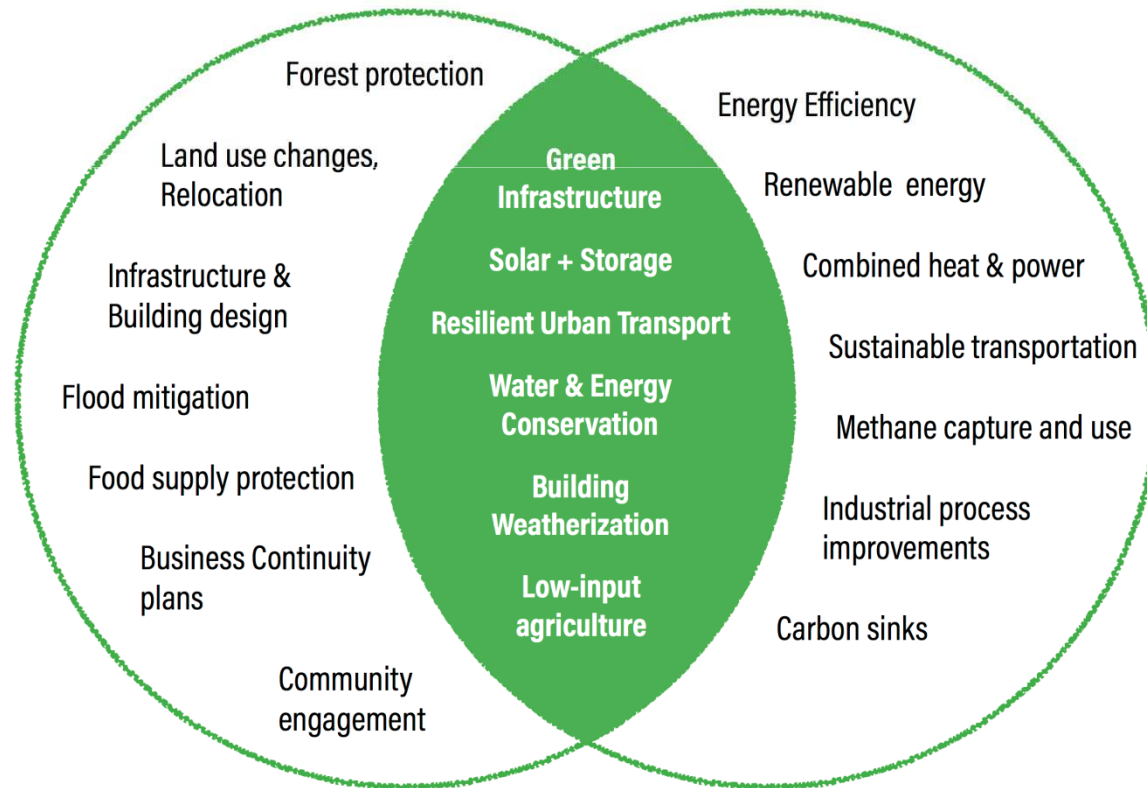
3. Role of Climate Action Regional Offices

□ Climate Action and Low Carbon Development Act 2015



3. Role of Climate Action Regional Offices

Adaptation + Mitigation



3. Role of Climate Action Regional Offices

- ❑ **National Adaptation Framework** January 2018

- ❑ 12 Actions identified, including:
 - ❑ Adopt local adaptation strategies – 30th September 2019
 - ❑ Regional governance approach
 - ❑ Establish regional climate action offices to coordinate LA response to climate change

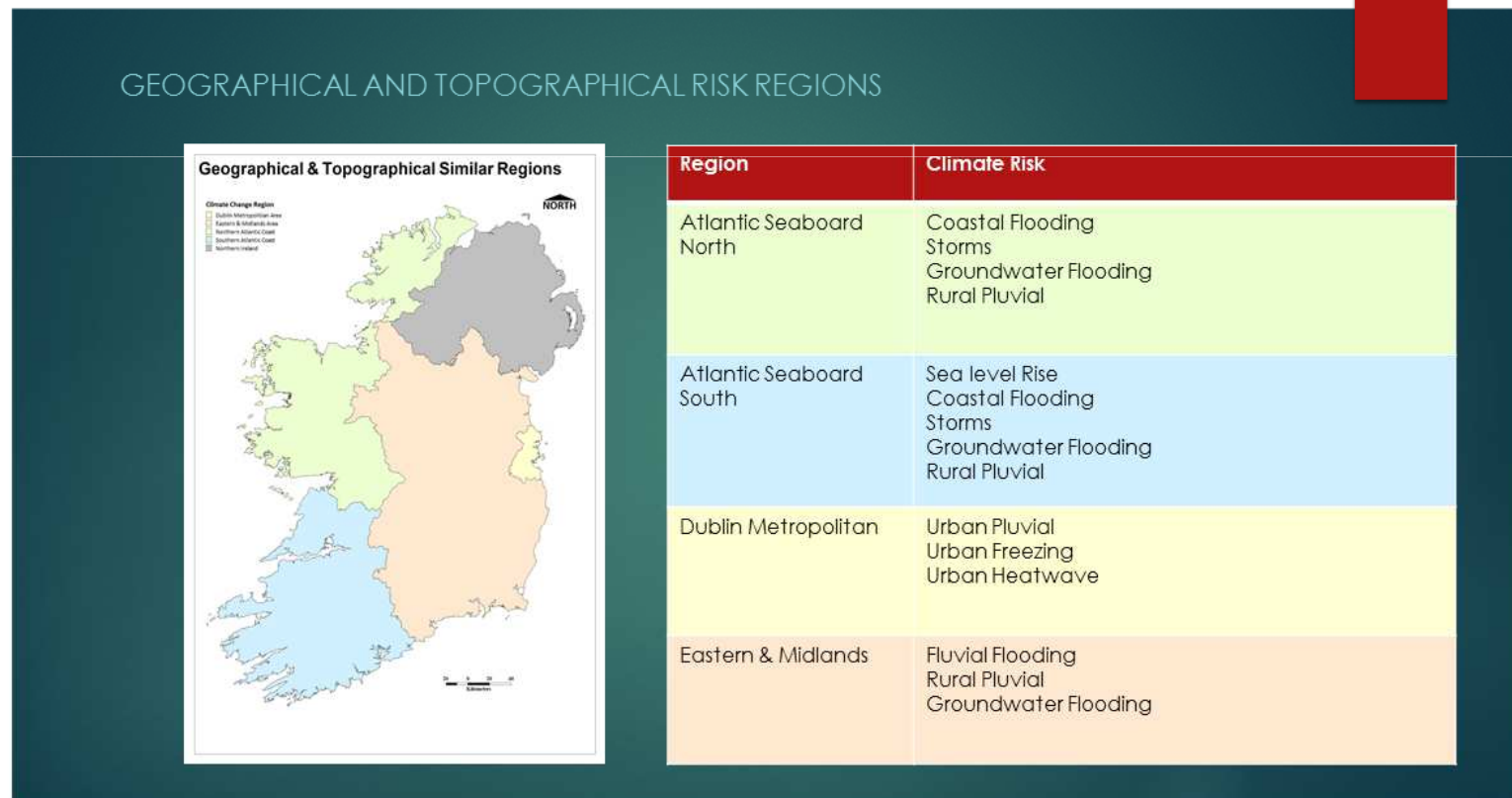
3. Role of Climate Action Regional Offices

CCMA & LGMA business case:

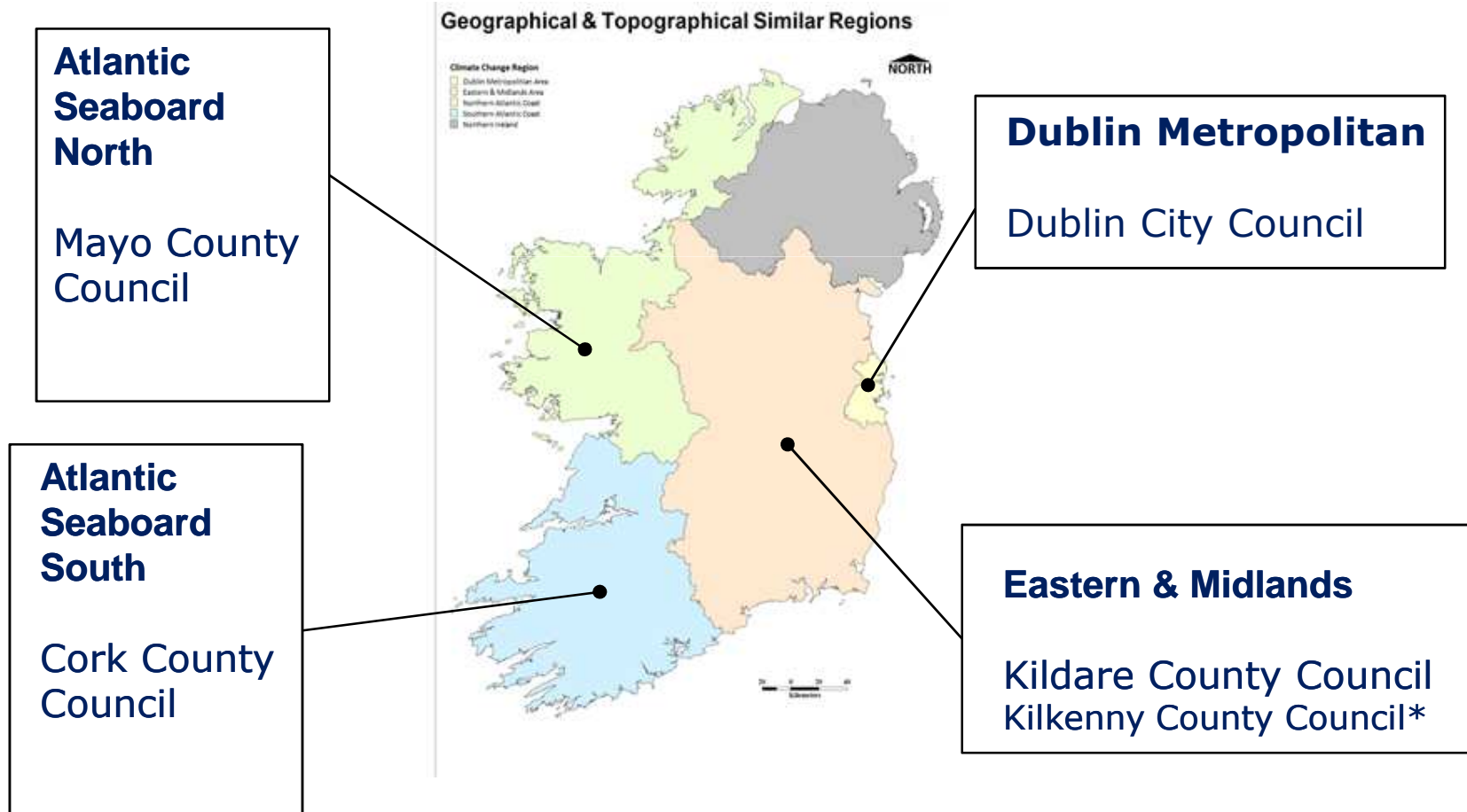
- ❑ Coordinate
- ❑ Reporting and Governance
- ❑ Facilitate/Foster
- ❑ Identify & address weaknesses
- ❑ Create effective linkages
- ❑ Develop Centres of Excellence
- ❑ Regional Specialisms

3. Role of Climate Action Regional Offices

- 4 geographical/topographical regions
- Based on climate risk

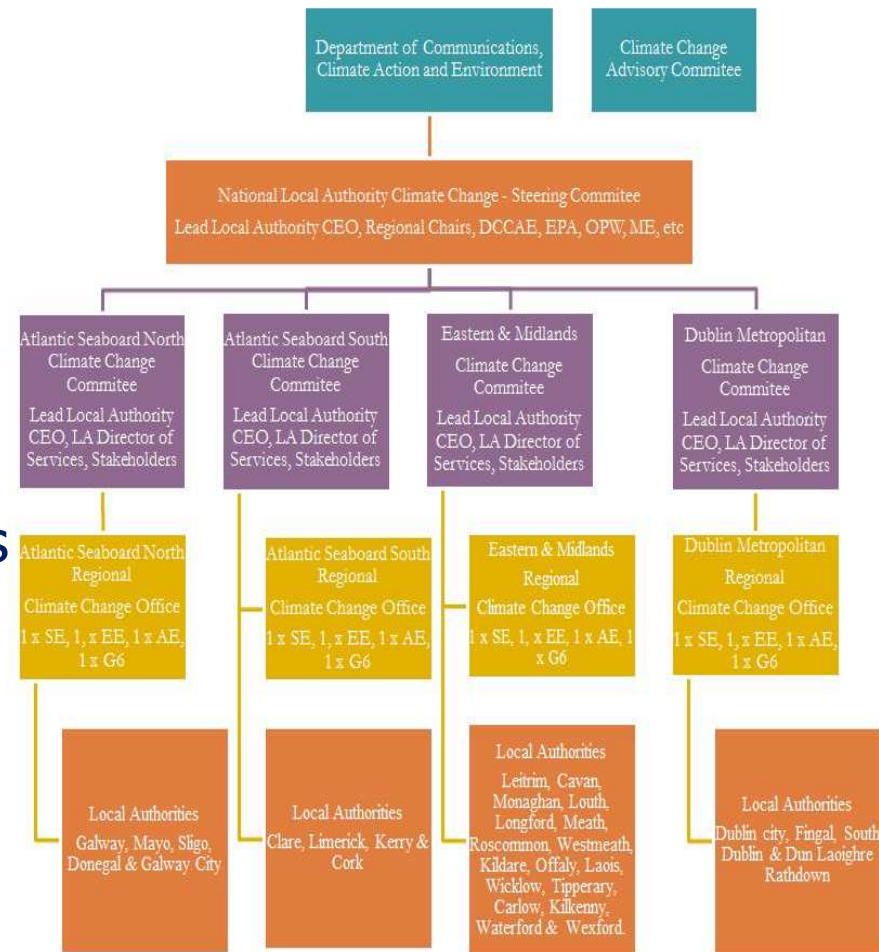


3. Role of Climate Action Regional Offices



3. Role of Climate Action Regional Offices

- ❑ Jan 2018, €10 million in funding over 5 years announced for Regional offices
- ❑ SLAs with DCCAE
- ❑ Governance structure in place
- ❑ SLAs with Local Authorities
- ❑ Regional liaison with Central Government & other sectors
- ❑ Develop 'Centres of Excellence'



3. Role of Climate Action Regional Offices

2019 Work Programme

-  **1** Establish Regional Offices
-  **2** Local Authority Adaptation Strategies
-  **3** Projects, Research and Regional Specialisms
-  **4** Training and Education
-  **5** Communication
-  **6** Mitigation

3. Role of Climate Action Regional Offices



Establish Regional Offices

- ❑ Offices established
- ❑ Staff Structure
 - Regional Coordinator
 - Regional Executive (2 EM CARO – partner LA)
 - Regional Assistant
 - Senior Staff Officer
- ❑ Governance Structures in place
- ❑ DCCAE Work Programme agreed

3. Role of Climate Action Regional Offices



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Department of Communications, Climate Action & Environment

epa Environmental Protection Agency

Climate Ireland .ie

CLIMATE ACTION REGIONAL OFFICES
ADAPTATION PLANNING TRAINING WORKSHOPS

climateireland.ie

#TimeToAdapt

UCC MAREI ICHREC

- ❑ Workshops
- ❑ Mentoring
- ❑ Templates / Presentations
- ❑ Regional SEA/AA Screening
- ❑ Aligning sectoral actions

3. Role of Climate Action Regional Offices

A yellow oval with the word "Expert" in black text.

Develop Projects, Research and Regional Specialisms

- ❑ Regional Specialisms
- ❑ 3rd Level Institutions
 - Research Post Doc – MU/OPW
- ❑ Funding Streams
 - EPA research call
 - Climate Action Fund
 - EU Funding – Regional Assemblies



3. Role of Climate Action Regional Offices



Training and Education

□ Training Strategy

- Mapping gaps and training needs
- Local Authority Staff
- Elected Members
- Local Communities



□ Training Partners

- ESTG
- IPA
- 3rd Level Sector
- OPW – technical training



3. Role of Climate Action Regional Offices



Communication

□ National Dialogue on Climate Action

- Collaborating with EPA
- Engagement
- Awareness
- Form networks
- Input into policy



□ Pilot Events

- Athlone - 23rd June 2018
- Tralee – 10th November 2018
- NDCA at county level - Kildare - 2019

3. Role of Climate Action Regional Offices



Mitigation

- ❑ All of Government Climate Action Plan
- ❑ Challenging targets for each sector
- ❑ Develop LAs as leaders
- ❑ EU Covenant of Mayors

Rialtas na hÉireann
Government of Ireland

Tionscadal Éireann
Project Ireland
2040

Climate Action Fund

28 November 2018

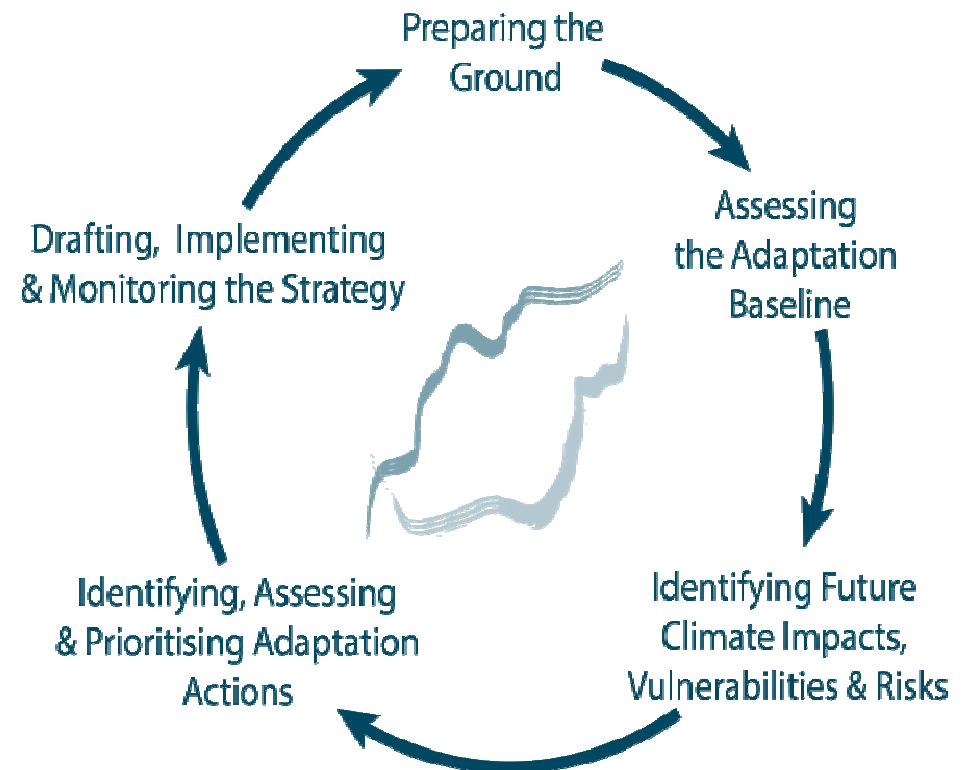
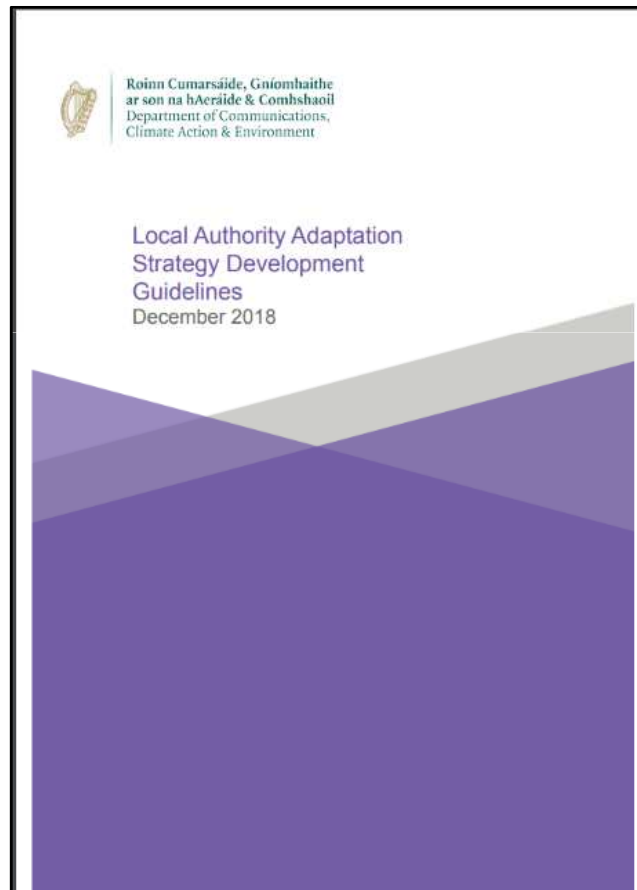
On completion of the Assessment Stage of the First Call for Applications for support under the Climate Action Fund, the following seven projects have been approved as eligible for support by the Minister for Communications, Climate Action and Environment, Richard Bruton T.D.

These projects will now proceed to the Validation Stage of the process. Projects that do not satisfactorily complete this stage will not progress to be supported by the Climate Action Fund.

Organisation / Lead Applicant	Project Name	Maximum Support Approved
ESB eCars	ESB Electric Vehicle High Power Charging Infrastructure Development Project	€10,000,000
Gas Networks Ireland	GRAZE Gas – Green Renewable Agricultural Zero Emissions Gas	€8,474,340
Irish Rail	Hybrid Drive for Inter City Railcar (ICR 22000) fleet	€15,000,000
Dublin City Council	Dublin District Heating System	€20,000,000
South Dublin County Council	The South Dublin County Council Tallaght District Heating Scheme	€4,447,952
Road Management Office	Local Authority Public Lighting Energy Efficiency Project	€17,470,000
3 Counties Energy Agency CLG	Driving HGV Efficiently into Brexit	€1,373,400
Total		€76,765,692

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4. Emerging Climate Adaptation Strategies



4. Emerging Climate Adaptation Strategies

Vision

Assessing the baseline



Vulnerabilities and Risks

Objectives

Actions

Adopt Local Adaptation Strategies by 30th September 2019



Next Steps:
Implementation
Progress Reporting

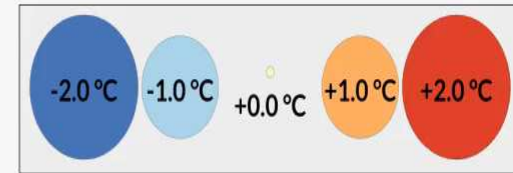
5. Future Challenges and Opportunities

- ❑ Buy in at a local level
- ❑ Business opportunities & innovation
- ❑ Cross sectoral collaboration
- ❑ Funding and resourcing
- ❑ Implementation of Actions
- ❑ Mitigation – emission reduction

Temperature Anomalies by Country

Years 1880 - 2017

1880



Data Source:
 NASA GISS, GISTEMP Land-Ocean Temperature Index (LOTI), ERSSTv5, 1200km smoothing
<https://data.giss.nasa.gov/gistemp/>
 Average of monthly temperature anomalies. GISTEMP base period 1951–1980.

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 Antti Lipponen (@anttilip)



THANK YOU