

14 June 2023

# EPA Water Conference 2023 14 & 15 June

Galway Bay Hotel, Salthill, Galway  
and Online  
#epawater2023



## *Local Authority Climate Action Plans: Our Water Future*

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Climate Action Regional Office (CARO)  
Atlantic Seaboard South

**Oifig Réigiúnach um  
Ghníomhú ar son na hAeráide  
Rialtas Áitiúil  
Cósta Atlantach Theas**

Climate Action  
Regional Offices  
Local Government  
Atlantic Seaboard South



# CARO Establishment

5 year funding from DECC :

- **Build** on Experience & Expertise
- **Drive** Climate Action & Build Capacity within LA Sector
- **Coordinate** Engagement across Various Agencies and Government Departments
- **Translate** Sectoral Efforts to Local Level



# CARO Work Programme



Management & Governance



Adaptation



Mitigation



Communications & Citizen  
Engagement



Training & Education



Knowledge Development



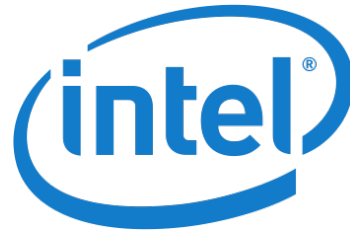
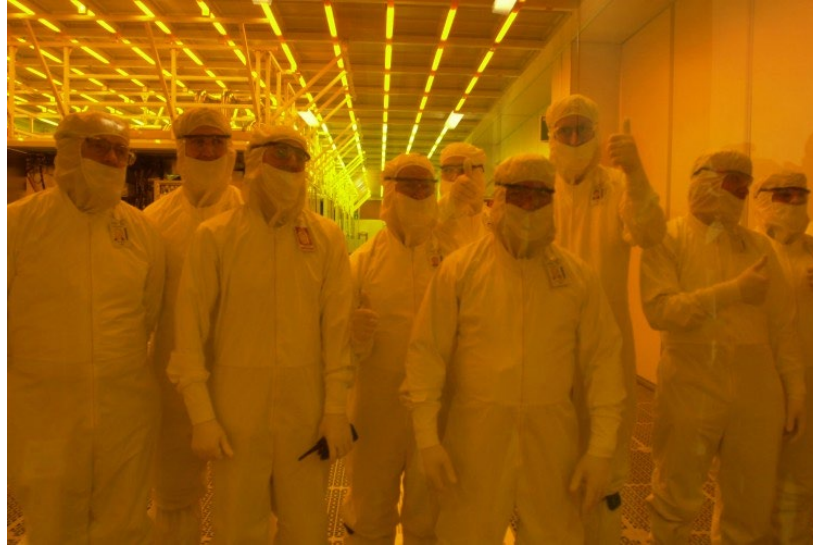
# Climate Action

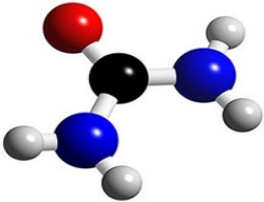
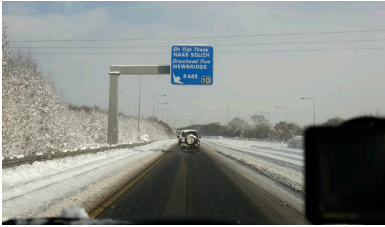
**Climate Mitigation** +

**Climate Adaptation**



# The Intel Parable





# www.climateireland.ie

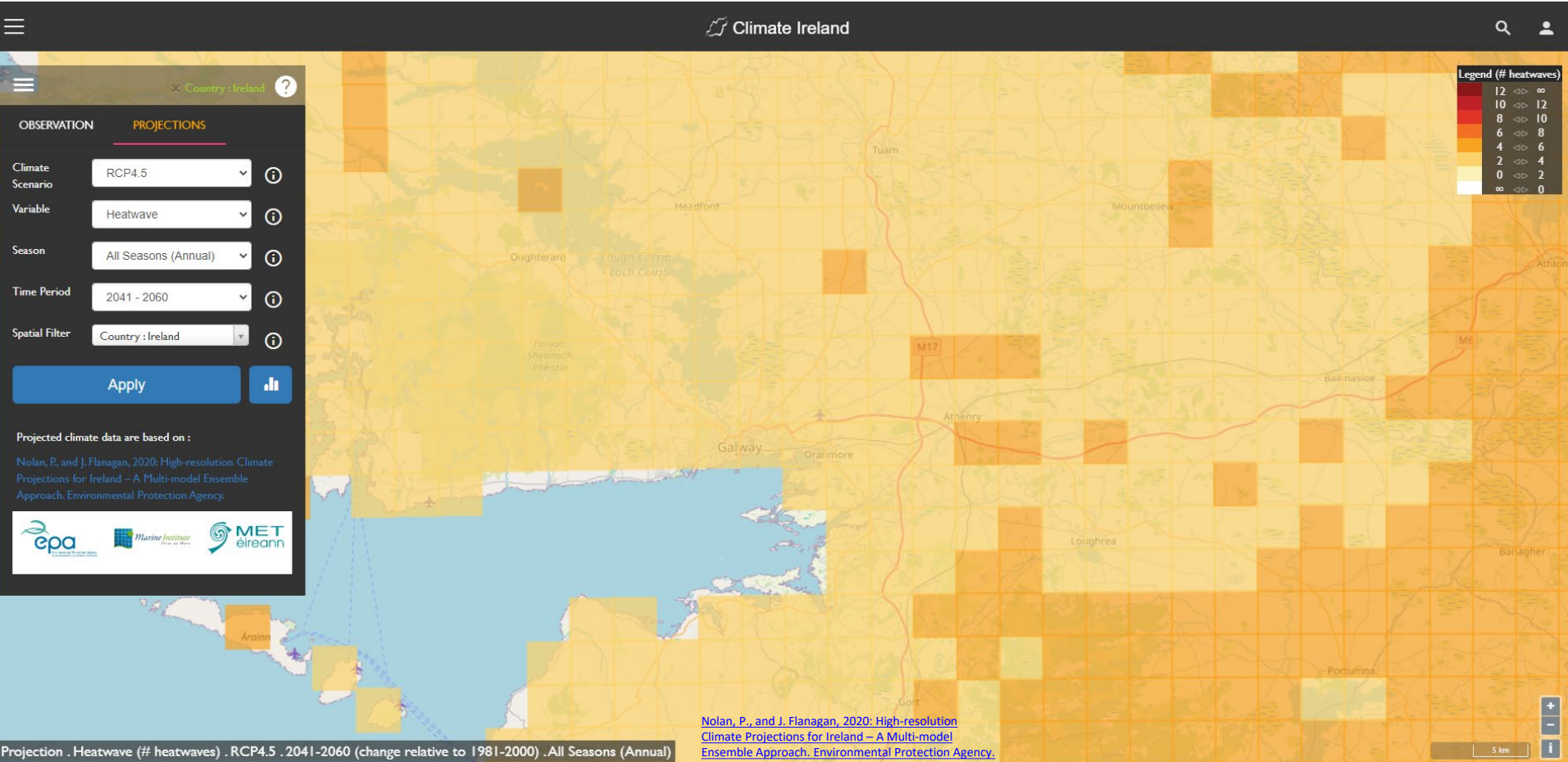


 Climate Ireland



## Ireland's Climate Status Tool

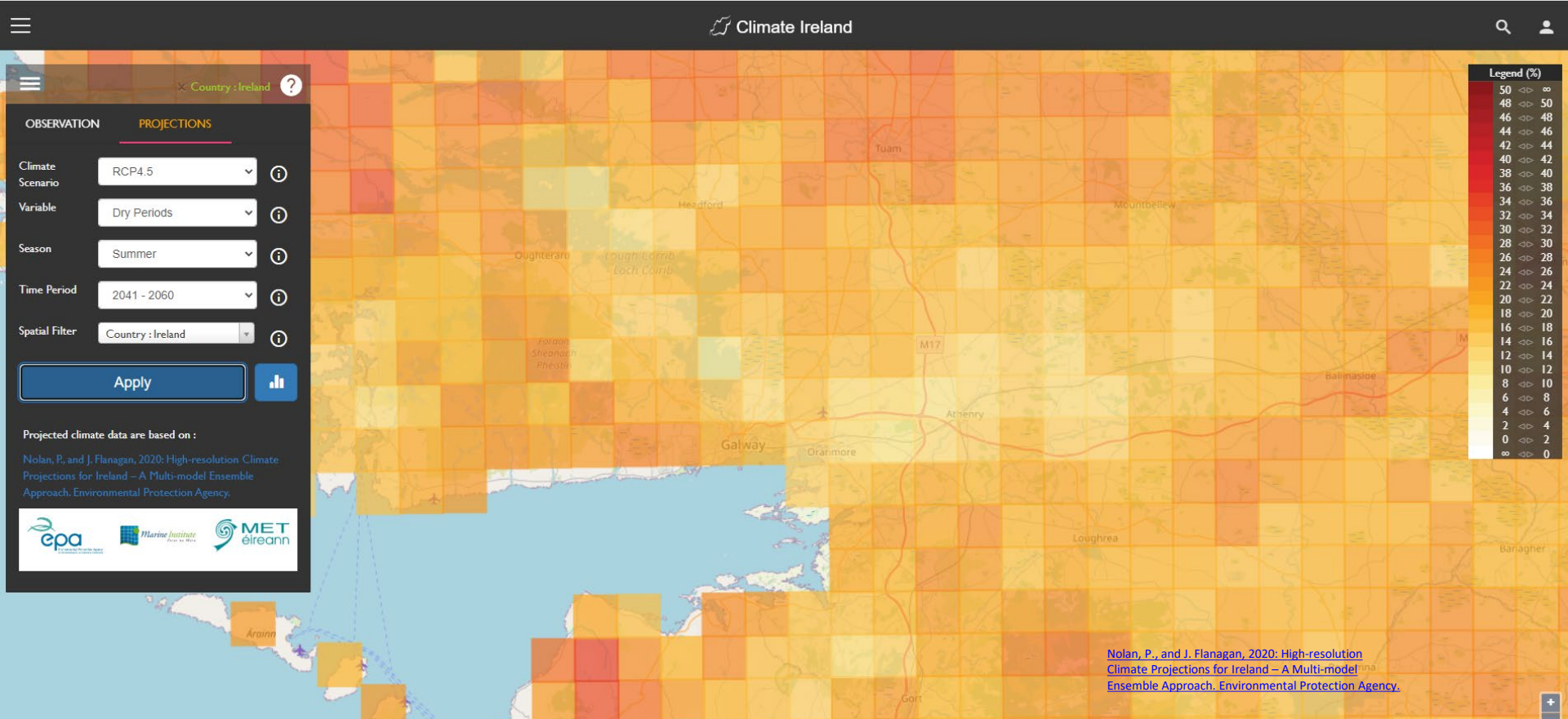
# 2041-2060: 4.5 Heatwaves each Summer





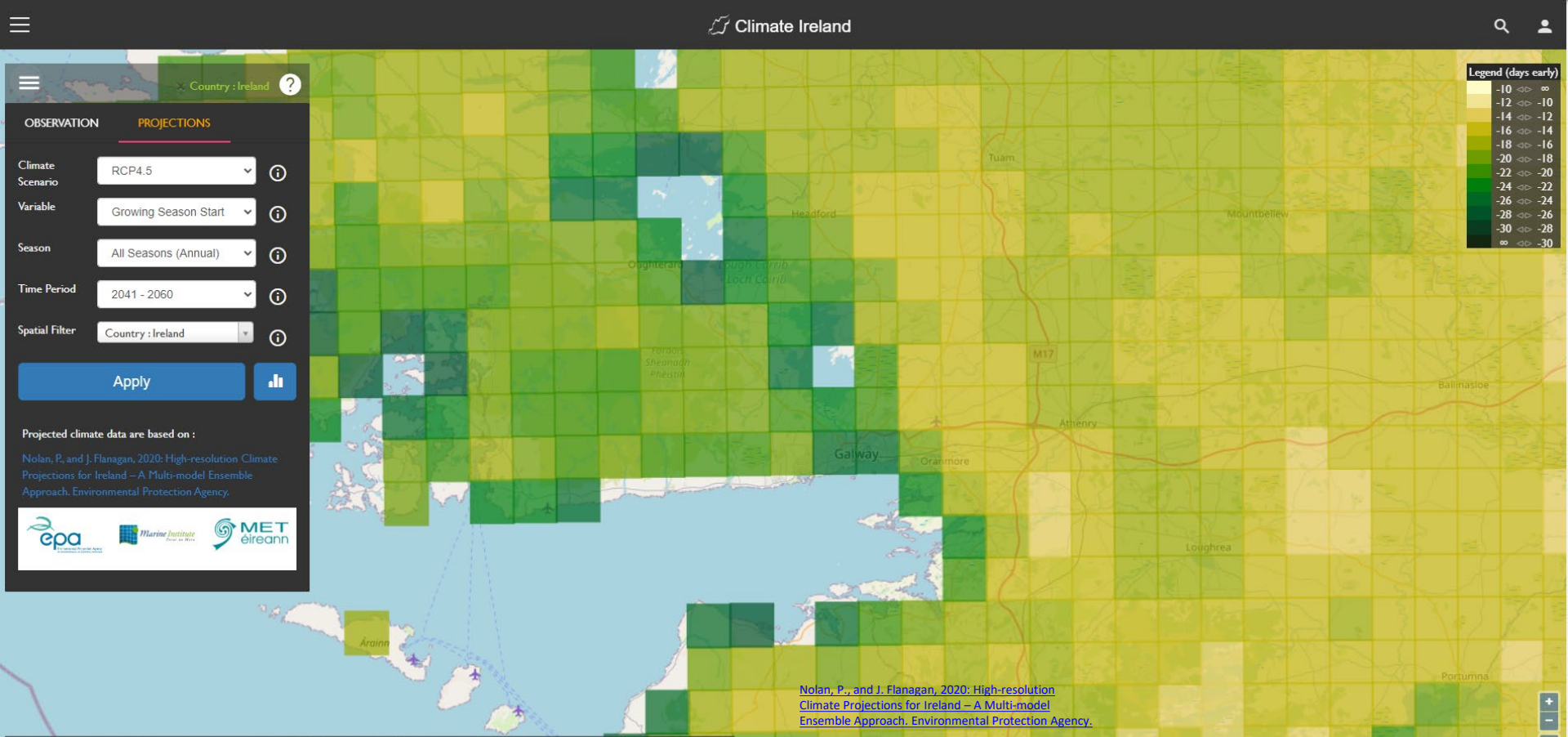
# 2041-2060 Dry Periods (>5 days of <1mm)

increase by 27%

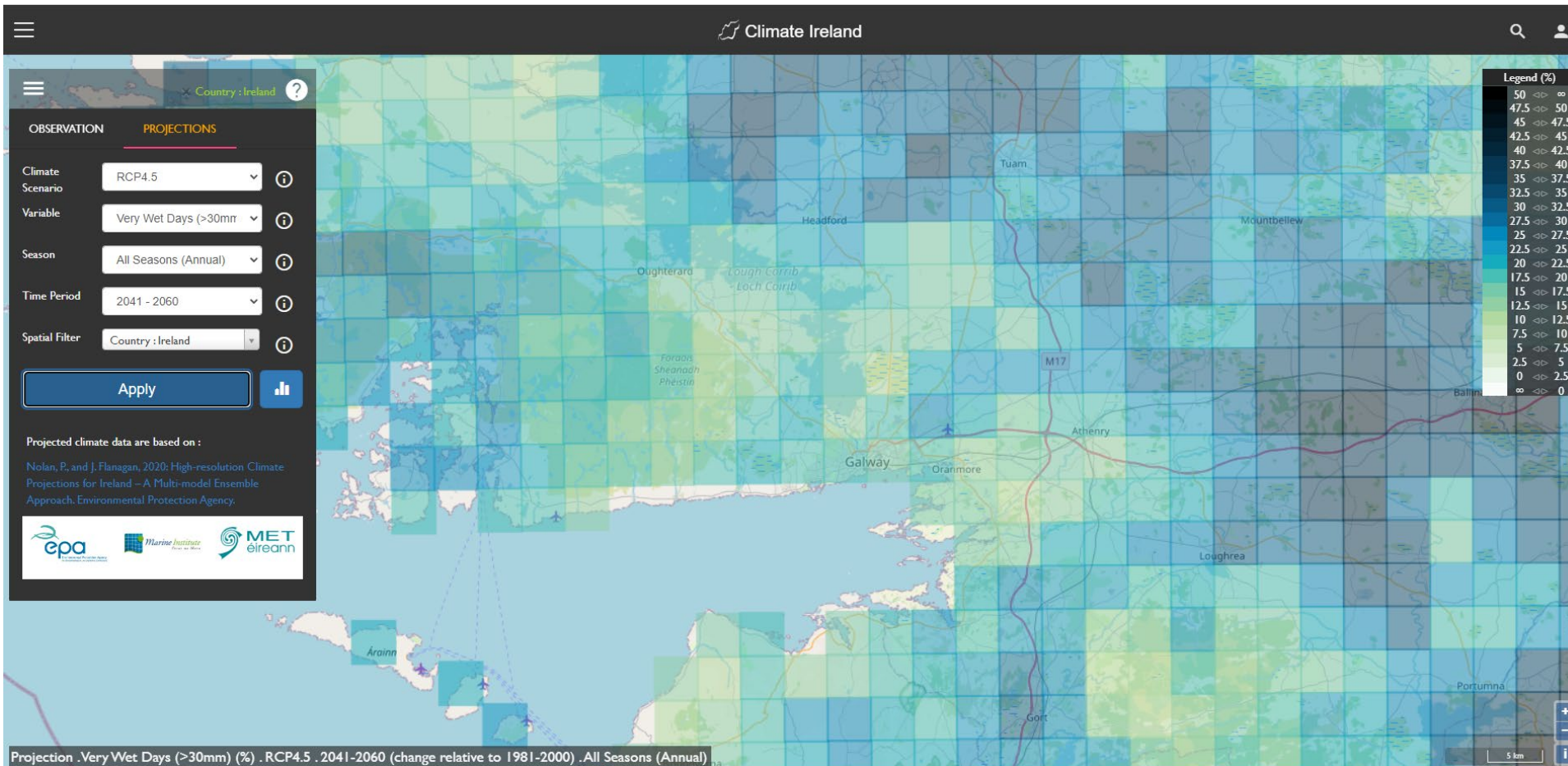


# 2041-2060 Growing Season Start 21 days Earlier

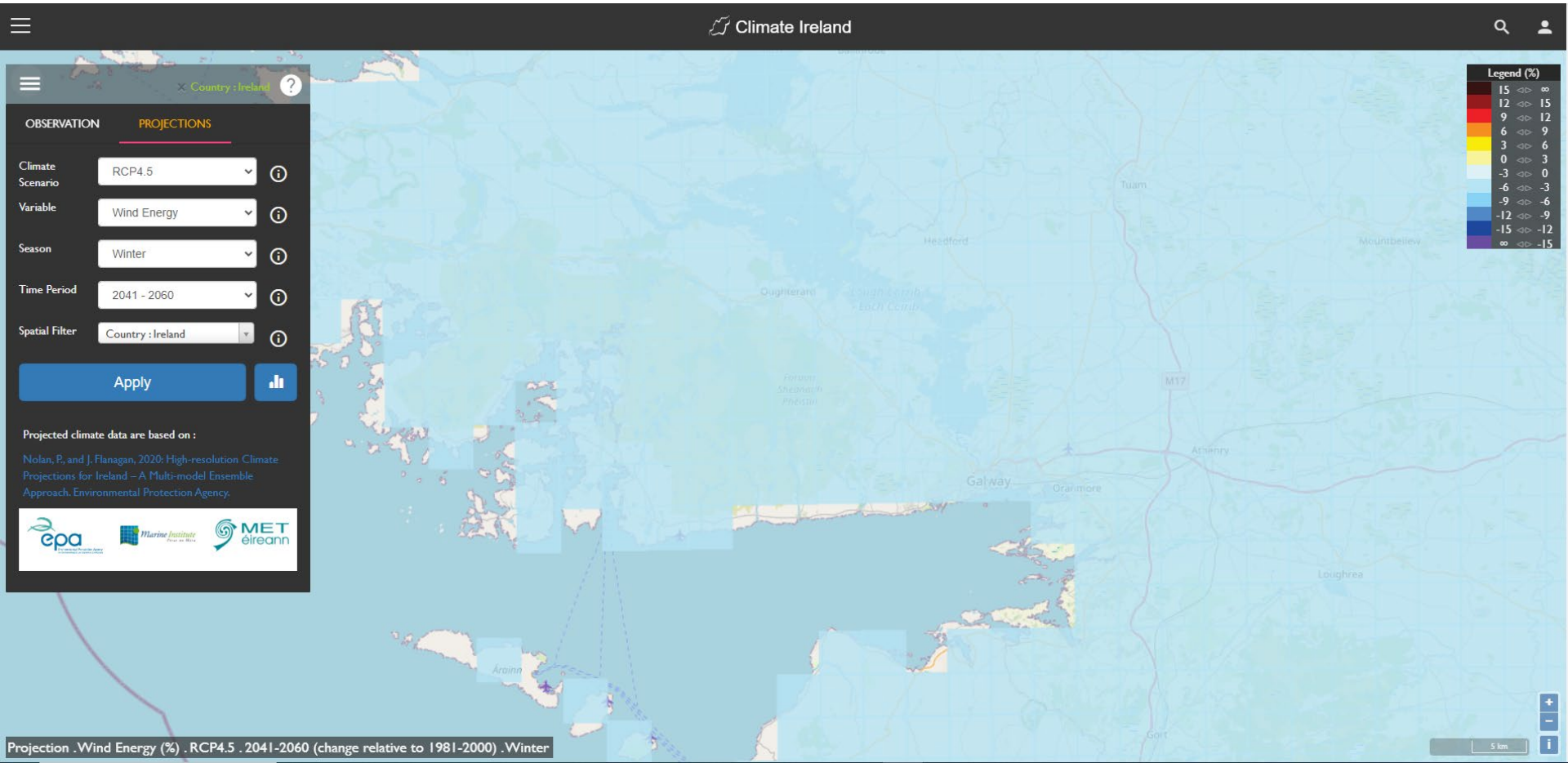
38 day longer grazing season



# 2041-2060 Annual Very Wet Days (>30mm) +42%



# 2041-2060 Wind Energy : -4.5%

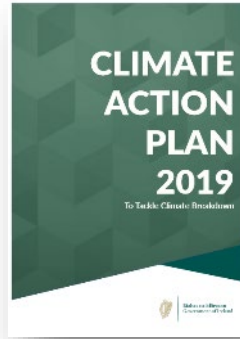


# Climate Action Policy Context

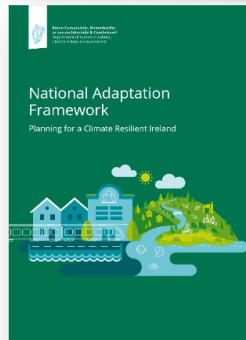


Number 46 of 2015

Climate Action and Low Carbon Development Act 2015



Strengthening

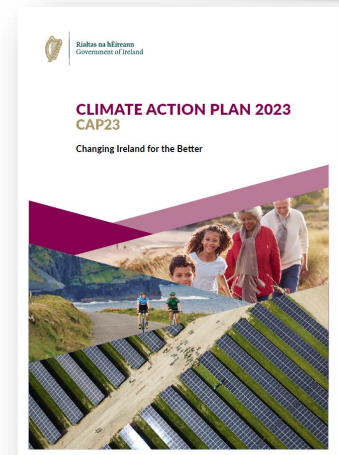


Under Review 2023



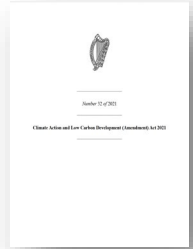
Number 32 of 2021

Climate Action and Low Carbon Development (Amendment) Act 2021





# Climate Action Policy Context

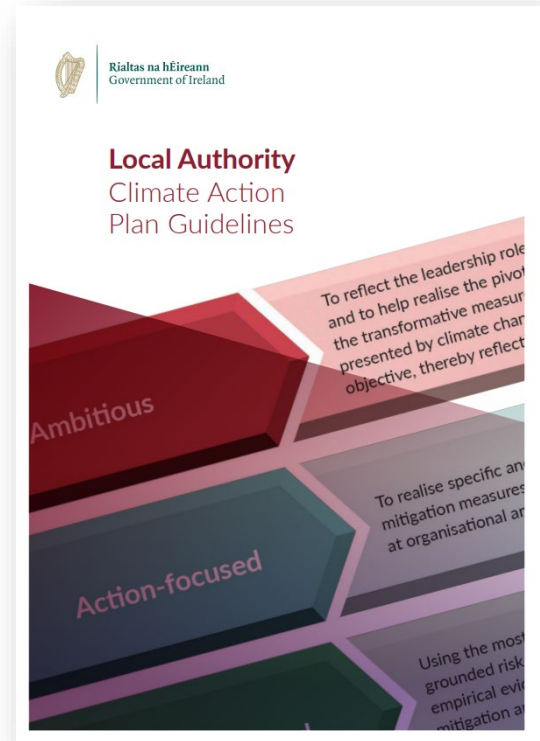


- Informed by and translated from International and EU Climate Policy responses:
  - **National Climate Objective**  
*to reduce the extent of further global warming, pursue and achieve, by no later than the end of the year 2050, the transition to a climate resilient, biodiversity rich, environmentally sustainable and climate neutral economy*

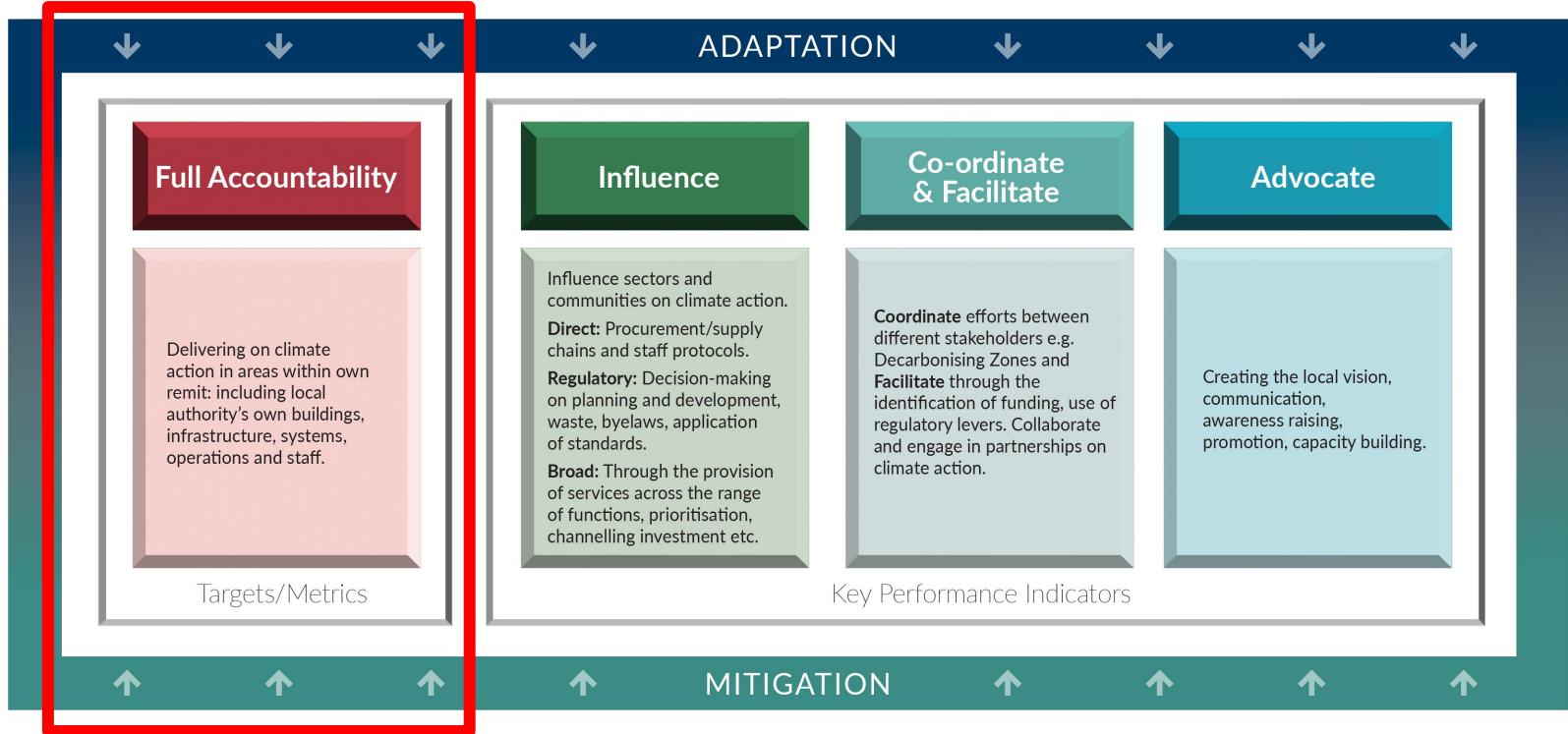
# LOCAL AUTHORITY CLIMATE ACTION PLANS

Local Authority Climate Action Plans will:

- Provide a strong emphasis on a place-based approach to climate action
- Deliver and promote evidence-based and integrated climate action by way of adaptation and mitigation measures
- Translate and provide strategic direction at local and community levels on the delivery of the national climate objective

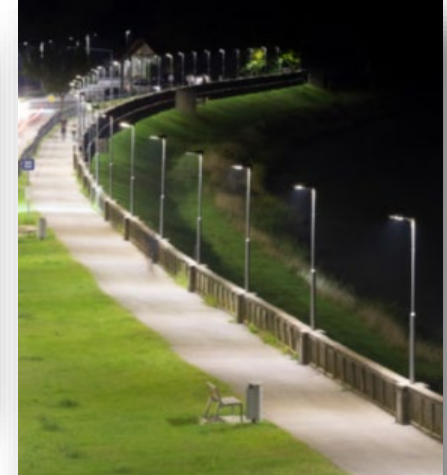


# LA SCOPE ON CLIMATE ACTION





# SCOPE: FULL ACCOUNTABILITY

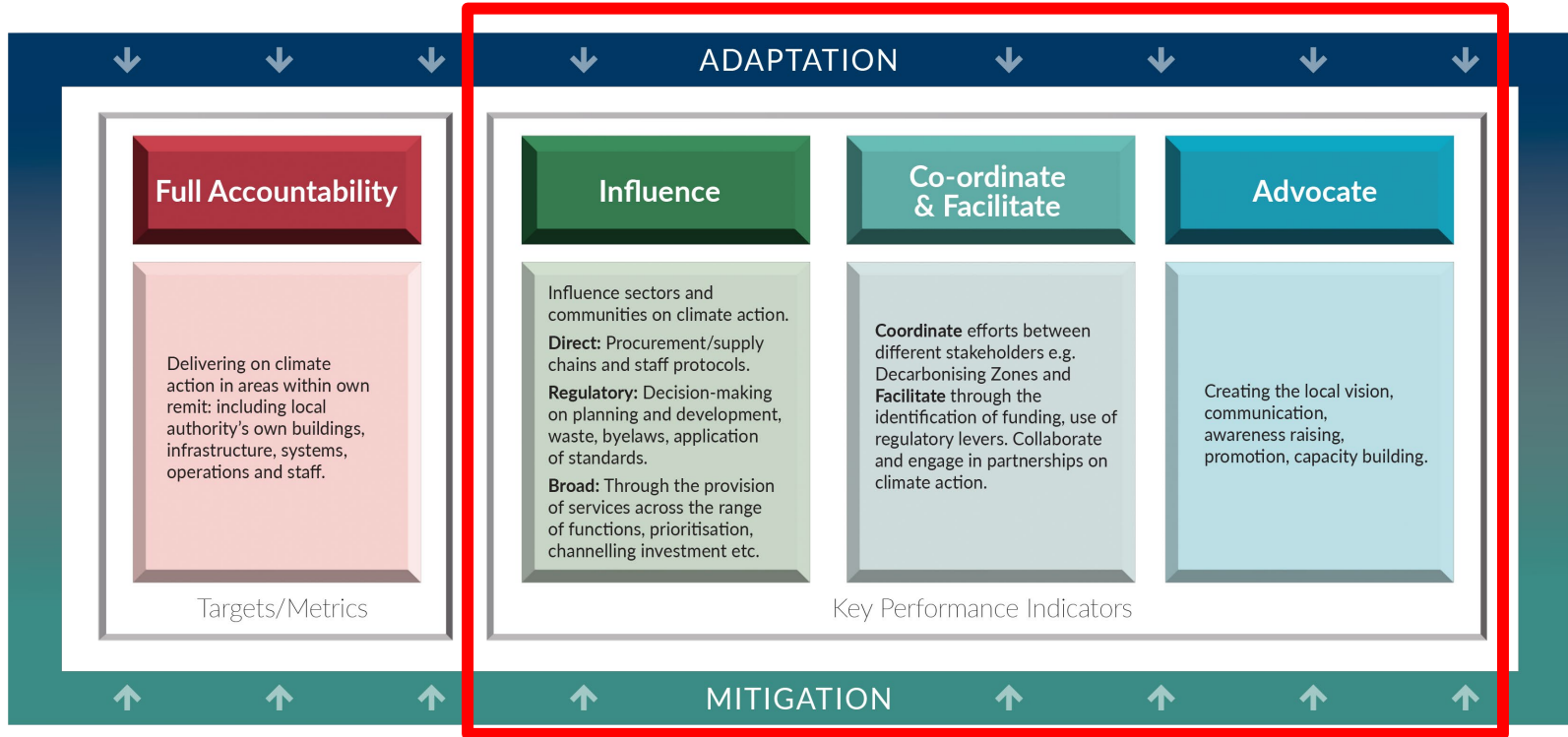


20 local authorities  
are piloting  
**Nearly Zero Energy  
Buildings** in their  
Social Housing

Your Council  
working for **you**  
on climate action



# LA SCOPE ON CLIMATE ACTION

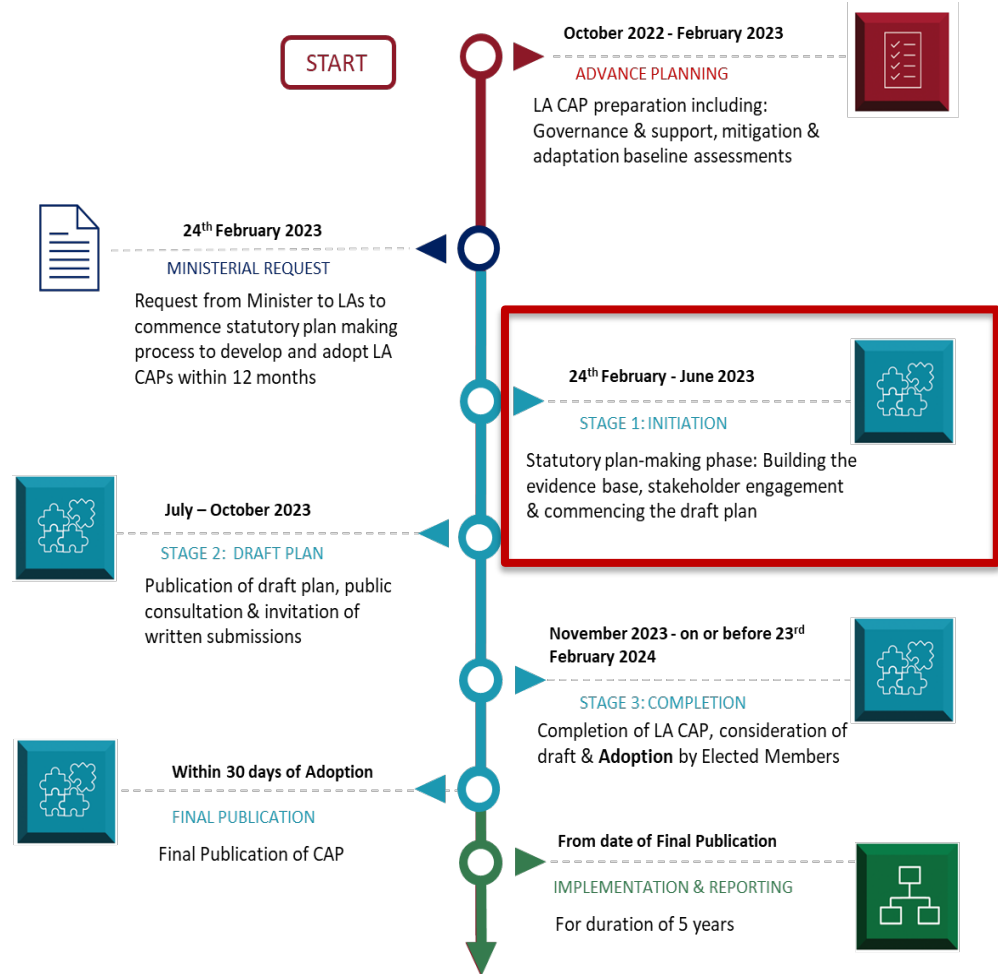


# SCOPE – BROADER INFLUENCE



# LA CAP TIMEFRAME

- Ministerial Request - c.24<sup>th</sup> February 2023
- Stages of statutory plan making
  - Initiation
  - Draft Plan
  - Completion
- Adopted on or before 23<sup>rd</sup> February 2024
- Effective for 5 years from date of adoption





**An Roinn Talmhaíochta,  
Bia agus Mara**  
Department of Agriculture,  
Food and the Marine



**An Roinn Comhshaoil,  
Aeráide agus Cumarsáide**  
Department of the Environment,  
Climate and Communications



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**Cósta Atlantach Theas**



**Iascach Iníre Éireann**  
Inland Fisheries Ireland



**OPW** Oifig na  
nOibreacha Poiblí  
Office of Public Works



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**Local Government**  
**Atlantic Seaboard South**



# Key Consensus from workshop

“You can’t tackle Climate Action without tackling Water”

“The crossover in the challenges is huge...the co-benefits of the solutions are huge”

Frame Climate Actions that deliver on both!

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# Key Consensus

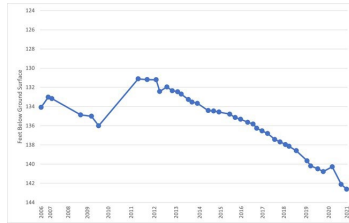
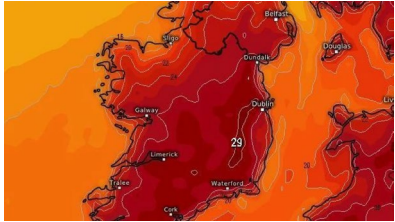
- ~~Resources~~
- About x 5 Adaptation measures vs Mitigation identified
  - Easier to spot problems than tackle carbon reduction
  - How much low hanging fruit left in terms of Carbon reduction
- Huge crossover in all our roles
  - Breakdown silos
  - Share data
  - Coordinate work
  - SLAs

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# Private Water Supplies (GWSS / SPS)



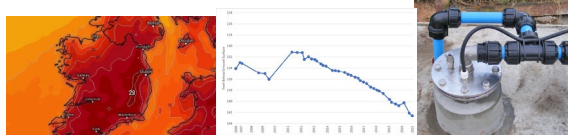
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# Private Water Supplies (GWSS / SPS)



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# Private Water Supplies (GWSS / SPS)

## DRAFT Actions: **Adaptation**

- Update Registers of GWSS and SPS
- Risk Assess supplies
- Assess potential measures to be taken
- Determine intervention criteria
- Resource implications
- Funding mechanisms
- Awareness/Stakeholder engagement

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# Private Water Supplies (GWSS / SPS)

## DRAFT Actions: **Mitigation**

- Sampling
  - Coordinate sampling programmes with others
- Examine travel/fleet options
  - Sampling staff
  - Engineering inspection
- Energy efficiency of lab
- Resource/Circularity of lab materials
- Water & Energy conservation measures
  - Education
  - Supports

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# Water Quality/WFD

## DRAFT Actions: **Adaptation**

- Low Rainfall: Need to stress test discharge licenses
  - Capacity of receiving waters
- High Rainfall: Increased flooding risk
  - Storm Water Overflows/Ag Runoff
  - Increased risk to drinking water abstraction
  - Increased risk to Bathing Waters

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# Water Quality/WFD

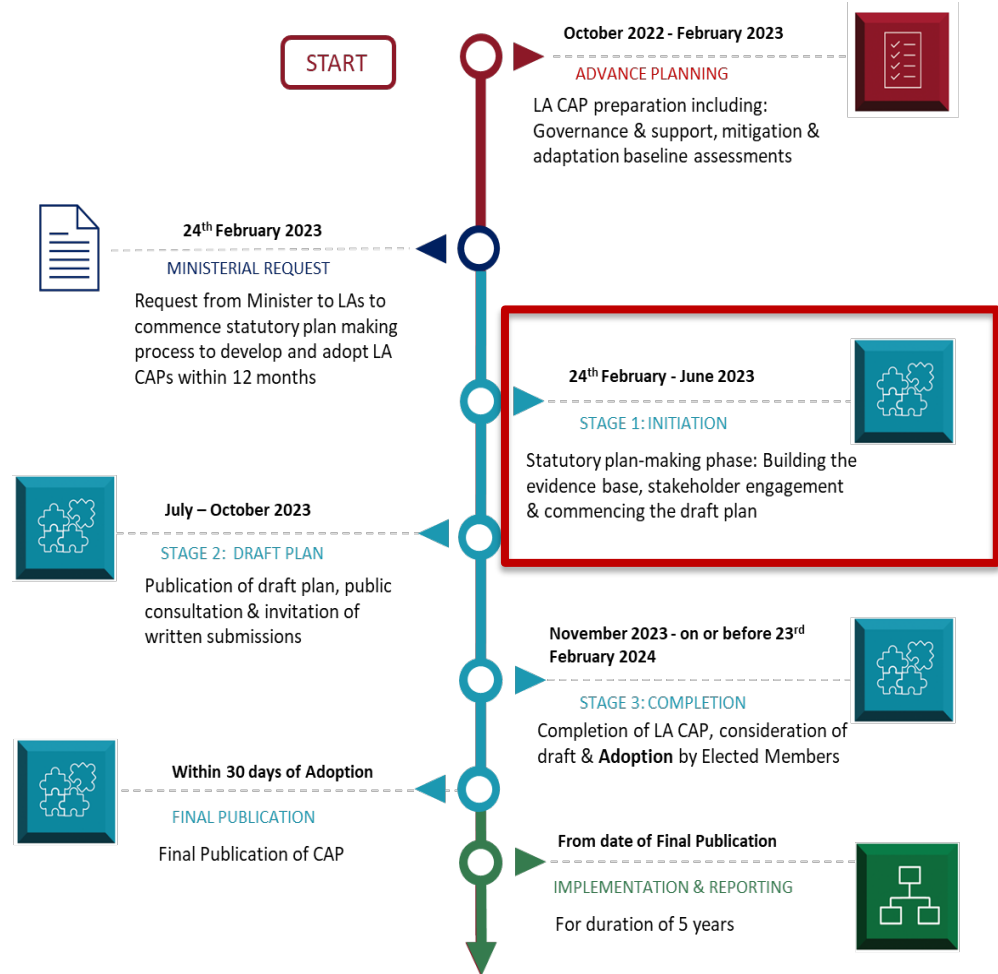
## DRAFT Actions: **Mitigation**

- WFD Sampling Programme
  - Examine Sampling travel/fleet options
  - More telemetry/ less sampling
- Energy efficiency of labs
- Rationalise analysis chain for samples
  - Minimise couriers/transport



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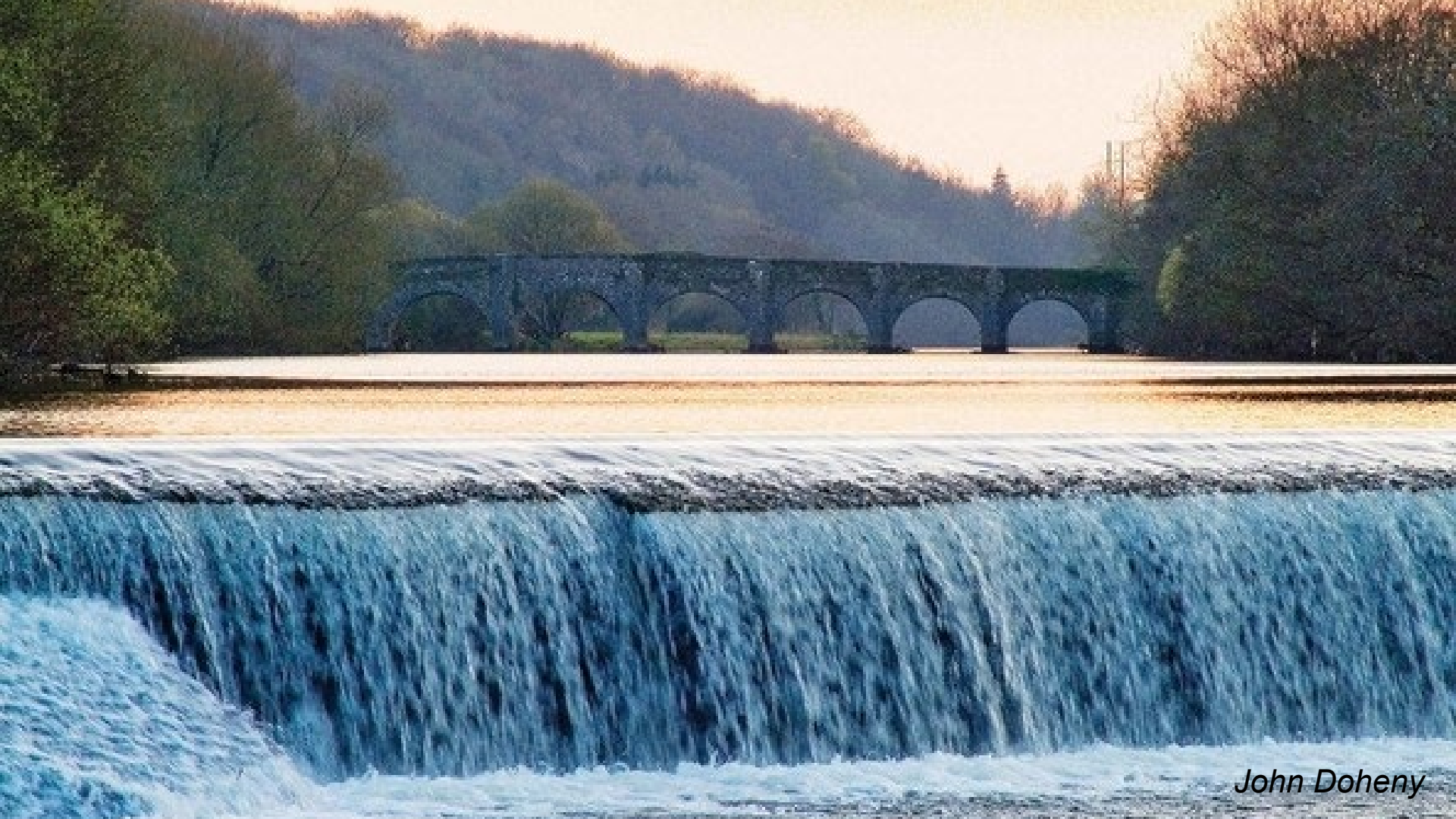
***Go raibh míle maith agaibh go léir.....***

***Thank you all***

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*John Doheny*