

CLIMAAX Tipperary

County Tipperary, Ireland



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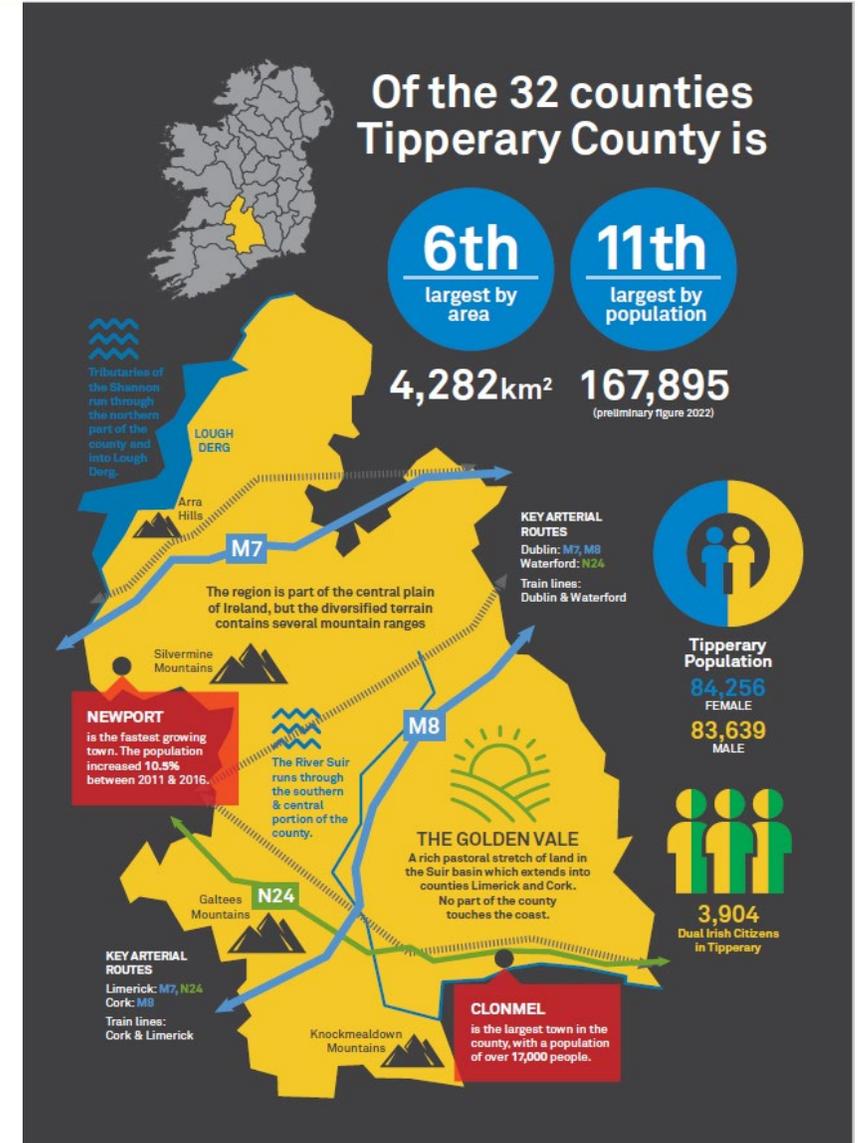
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County Tipperary Context

County Tipperary





Comhairle Contae Thiobraid Árann
Tipperary County Council

- Over 1,300 Employees
- 40 Elected Members
- €249m Expenditure Budget per annum

Councils and Councillors

Ireland has 31 councils - 26 county councils, 3 city councils, & 2 city and county councils. There are 949 councillors in the country.

Services provided by councils



Housing



Road, Transport & safety



Recreation & Amenity



Planning



Library services



Water



Environmental Protection



Economic Development

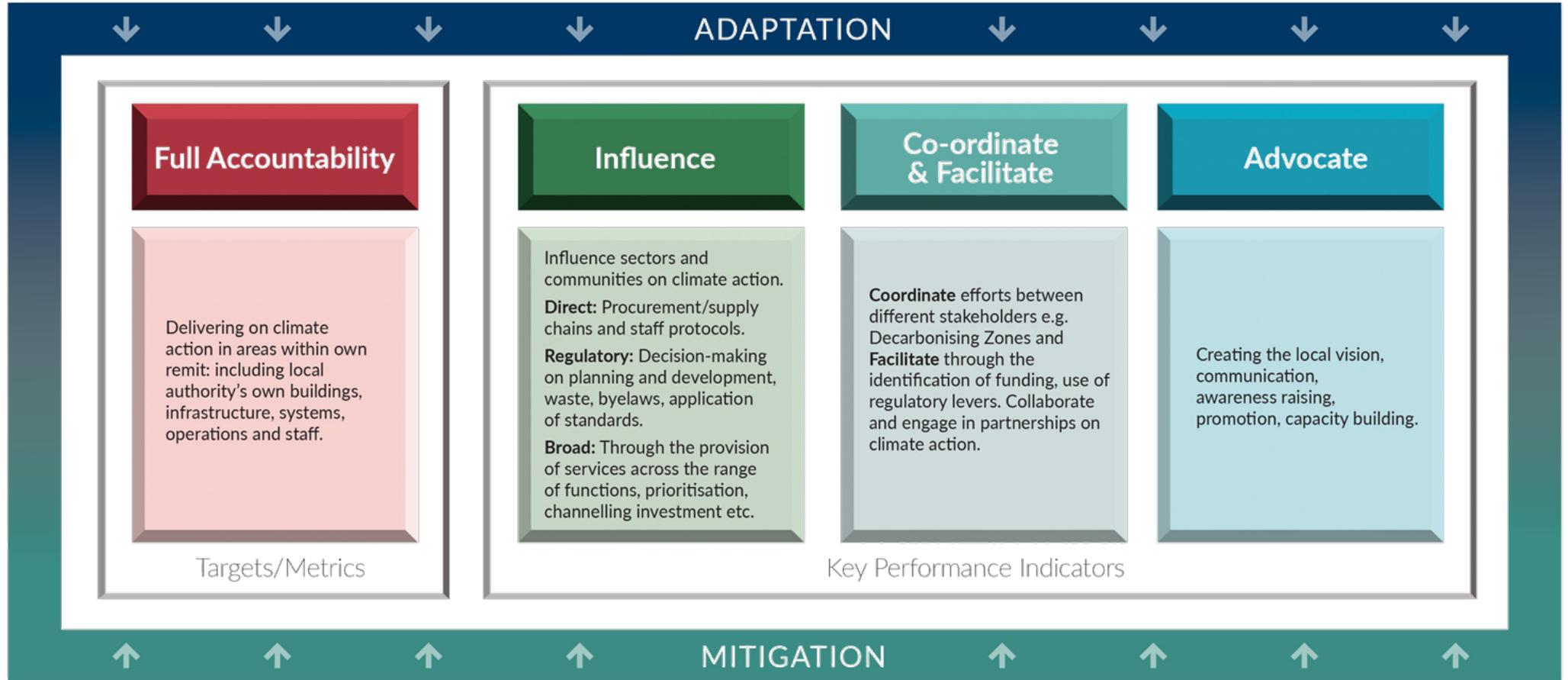


Fire Services



Register of Electors

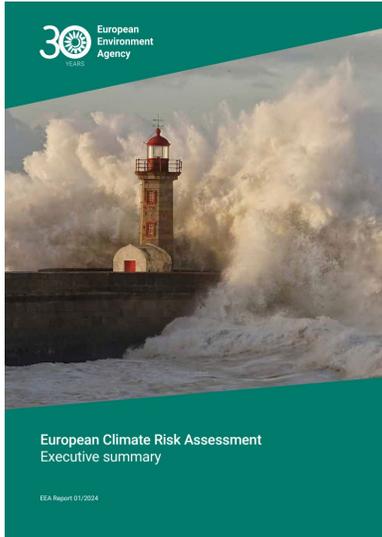
Local Authority Scope on Climate Action



Climate Change Risk Assessments

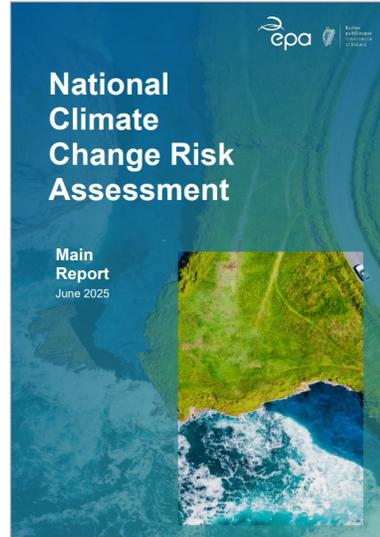
Climate change risk assessments already exist that are relevant to County Tipperary at European, national, and local scales. CLIMAAX will build upon and enhance these existing CRAs to help TCC assess climate risks and strengthen coordinated climate action across Tipperary.

EUCRA



European

NCCRA



National

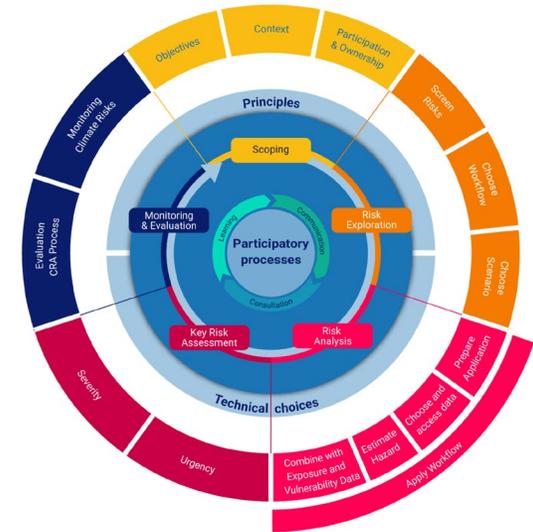
LA CAP



Local



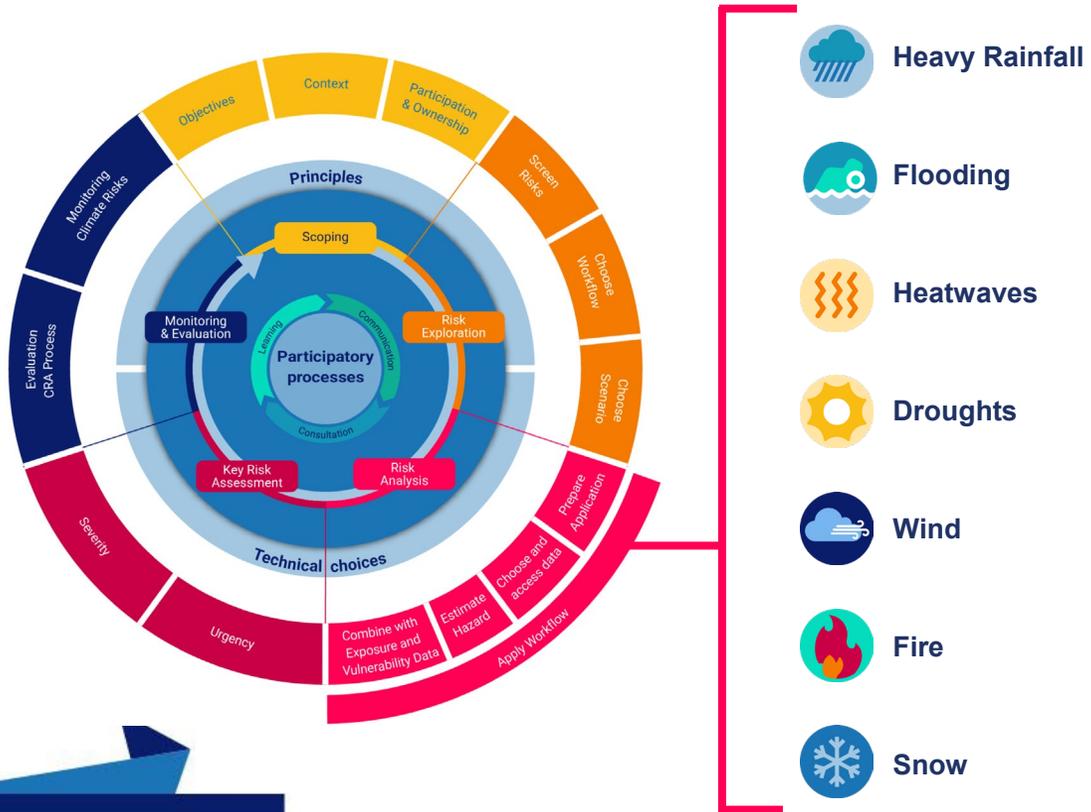
- County Development Plan
- Local Economic & Community Plan



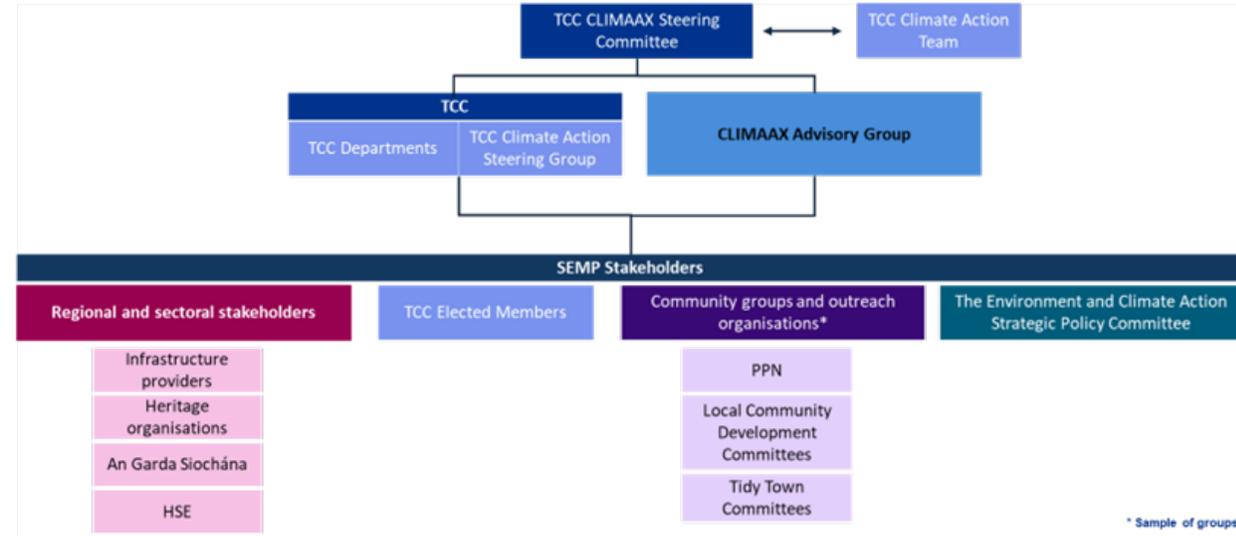
Building on previous CRAs, CLIMAAX will help TCC assess climate risks and strengthen coordinated climate action across Tipperary.

Phase 1

Seven workflows were used with EU datasets to screen hazard and risk. A structured **stakeholder-mapping process** was undertaken to ensure that TCC, emergency services, community groups and national partners are actively engaged throughout the CRA, bringing the local knowledge and coordination needed to turn CLIMAAX findings into action.



Stakeholders



* Sample of groups

Results

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Phase 1: Results

Risk Analysis

Seven workflows applied



What we found

Highest-priority hazards

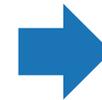
- River Flooding
- Wind
- Heavy Rainfall

Emerging risks:

- Heatwaves
- Drought
- Fire

Low but relevant:

- Snow



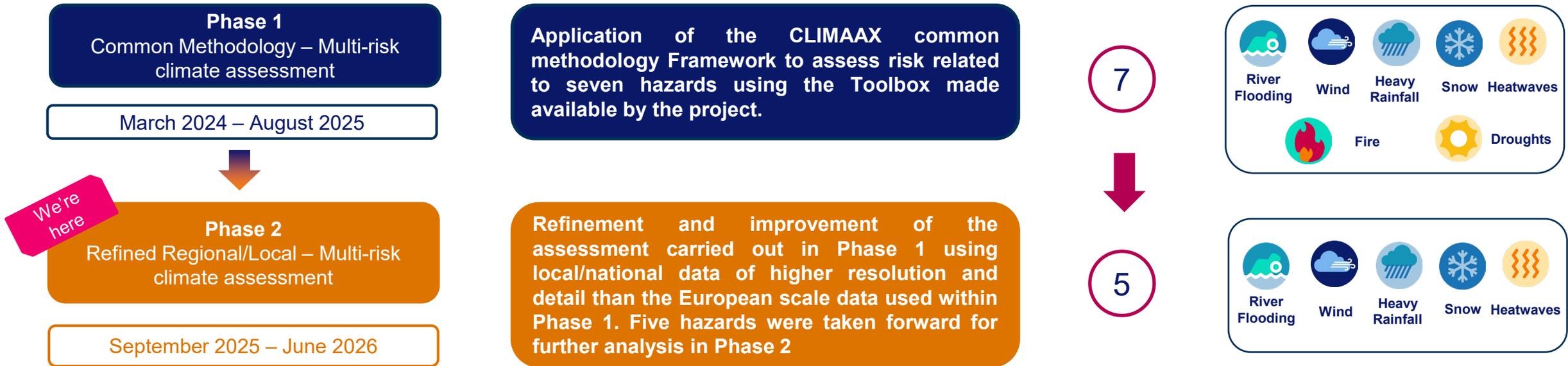
What it means

- Current EU-level workflows give a **solid baseline** but **require local data** (hazard, exposure, vulnerability) for decision-ready outputs.
- Clear data gaps** identified (e.g., drainage, asset data, vulnerability curves, local flood datasets)

Phase 2 Workflows

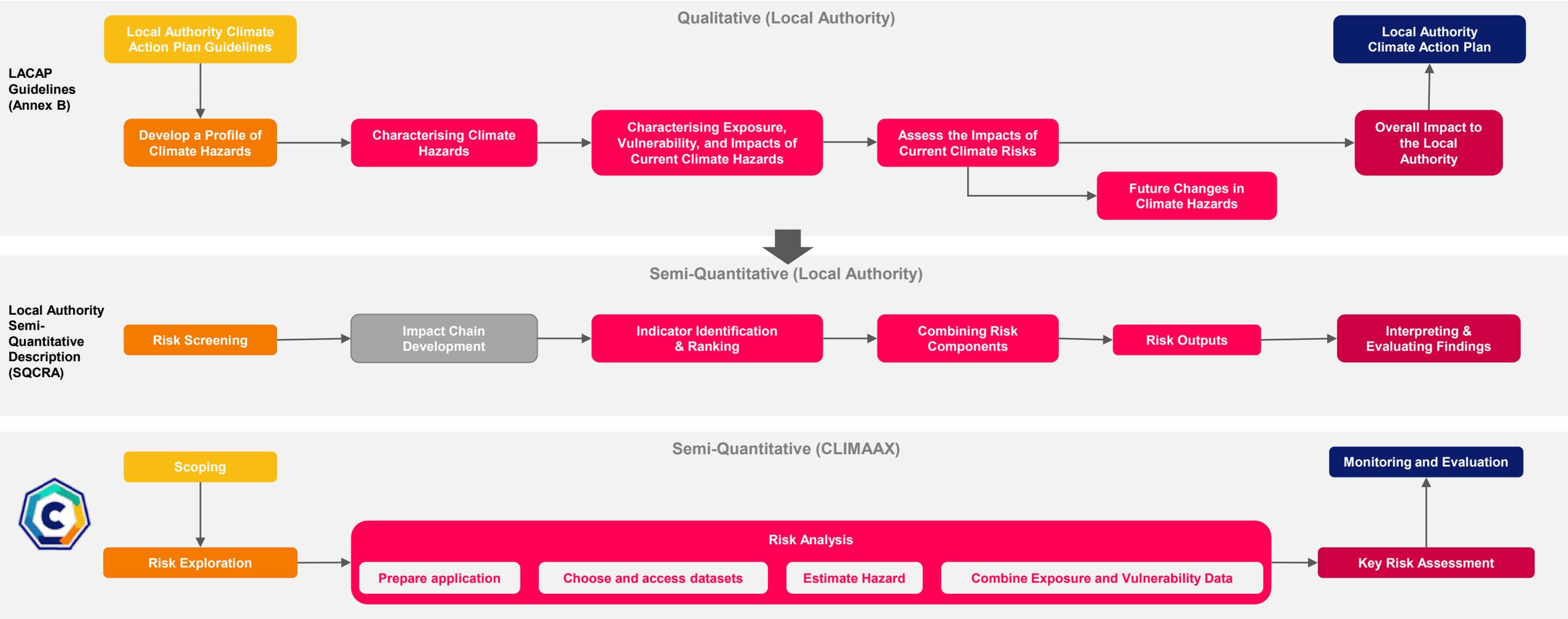
Phase 2

In Phase 2, five of the hazards will be taken forward from Phase 1 for further analysis.



Usability

Alignment of CRA Approaches



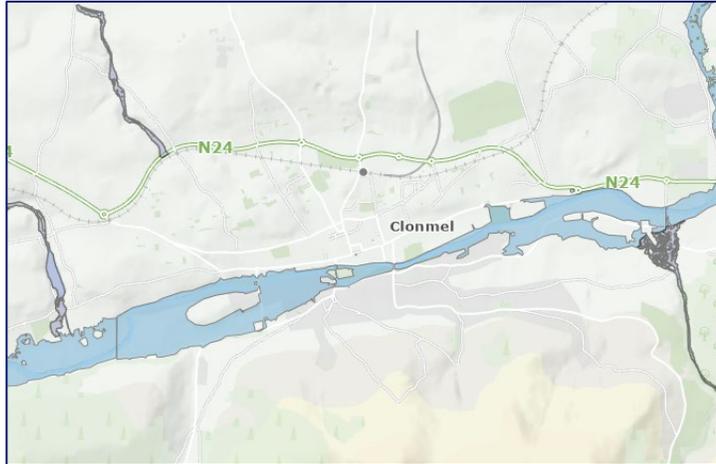
Phase 2 - Local Data Identification

Identify relevant datasets that can be used to refine and improve the climate risk assessments undertaken as part of the CLIMAAX project. Stakeholders included District Engineers, Fire Officers, Health and Safety, Community and Enterprise, Group Water Schemes, Architects, IT Experts.



Phase 2: River Flooding

Hazard

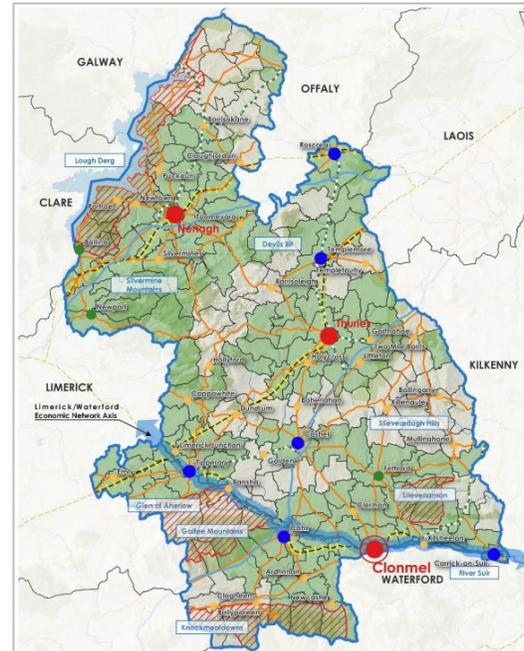


• Flood Extents



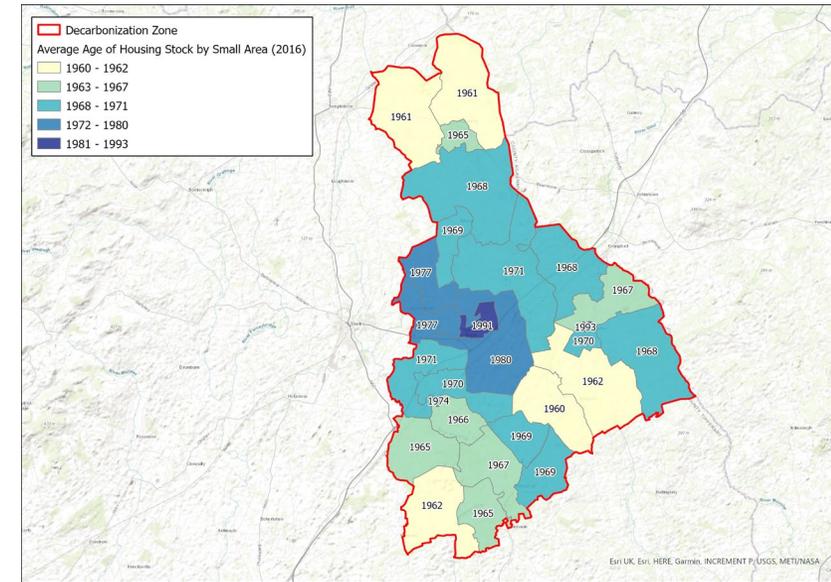
- Rx1 Day
- Rx5 Day
- Very Wet Days
- Total Precipitation

Exposure



Buildings and infrastructure in areas across the county, e.g., Clonmel, Nenagh, Thurles

Vulnerability



Buildings

- Year of construction
- Building Type
- Building Material

Lessons Learned

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Mainstreaming of Climate Action within the Local Authority

A Significant Risk is a risk that prevents TCC from achieving its Objectives and could likely result in:

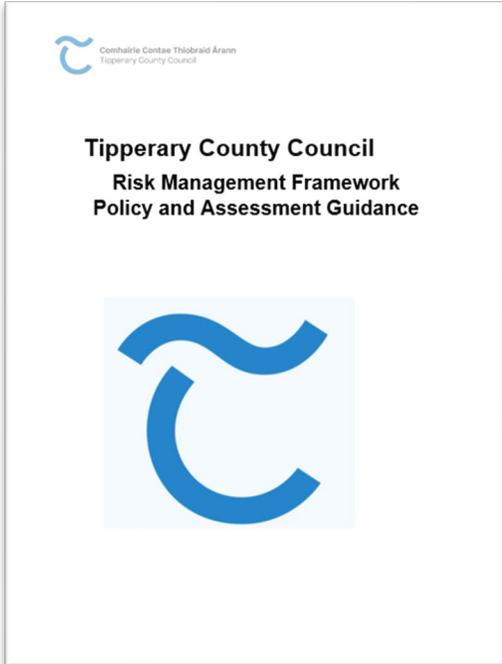
- Financial Penalties
- Prosecutions and Legal Actions
- Performance Failings
- Fatality

12 Significant Organisational Risks

Information Security: Cyber Risk Management	Safety, Health, and Welfare	Business Continuity	Child Safeguarding
Recruitment & Retention	Environmental Protection Compliance	Procurement Policy	Data Protection: GDPR Compliance
Housing for All	Capital Projects	Financial Management	Public Sector Duty

Climate risk is not currently included as a significant risk directly, however, it is related to a number of existing organisational risks.

Mainstreaming of Climate Action within the Local Authority: Governance



Organisational Risk Register

The Organisational Risk Register contains the significant risks that could likely prevent the achievement of Strategic Organisational Objectives (e.g. Corporate Plan 2024-2029) which impact the Organisation (i.e. multiple Operational Business Units).

Operational Risk Register

Each business unit within TCC, should consider if Climate Change is a relevant issue within their own management system(s). If so, as with other relevant issues, the organisation must consider it within their system's objectives and risk evaluation, within the scope of their management system(s).

Opportunity to provide clarity to Operational Risk Register through CRA



CLIMAAX
climate ready regions

www.climaax.eu



Comhairle Contae Thiobraid Árann
Tipperary County Council



The CLIMAAX project is funded by the European Union under Grant agreement ID 101093864. This publication was funded by the European Union. Its contents are the sole responsibility of the author(s) and do not necessarily reflect the views of the European Union.