



Climate Change Adaptation in Practice

Insight from the Adaptation Scotland Programme

Adaptation Community of Practice Event

April 25th, 2022



The Adaptation Scotland programme is funded by the Scottish Government and delivered by sustainability charity Sniffer.

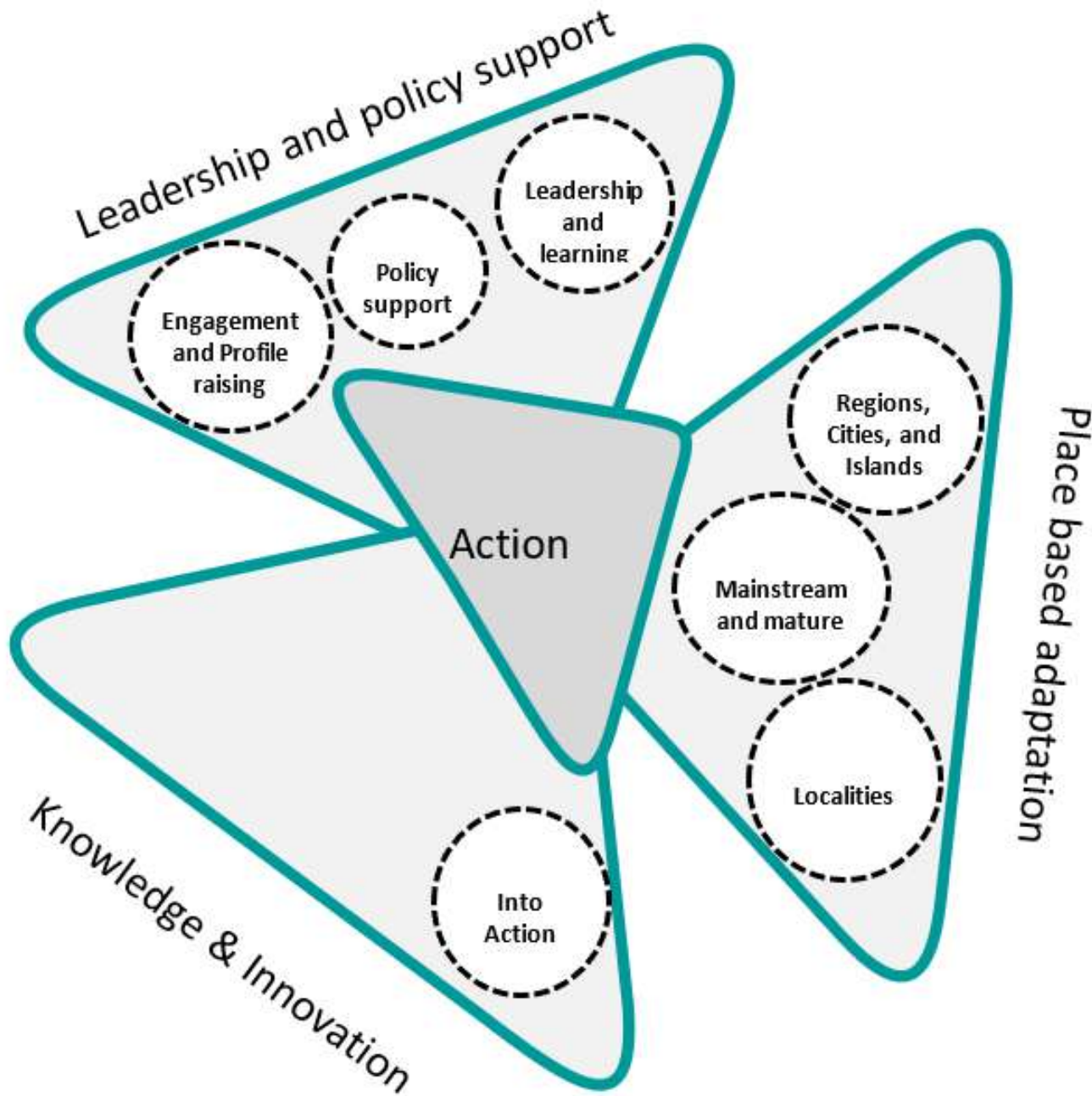


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Enabling organisations, businesses and communities to adapt to the impacts of climate change

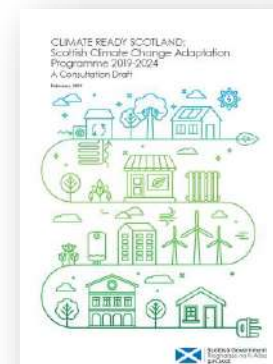
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- **Climate Change Scotland (2009) Act** as been in place for ~12 years.
- The Scottish Climate Change Adaptation Programme 2019-2024 takes an Outcomes-Based Approach and is integrated into National Outcomes and Sustainable Development Goals.
- There is a legislative requirement through the **Public Bodies Climate Change Duties** for all public sector organisations to report on adaptation progress.



Climate Change (Scotland) Act 2009



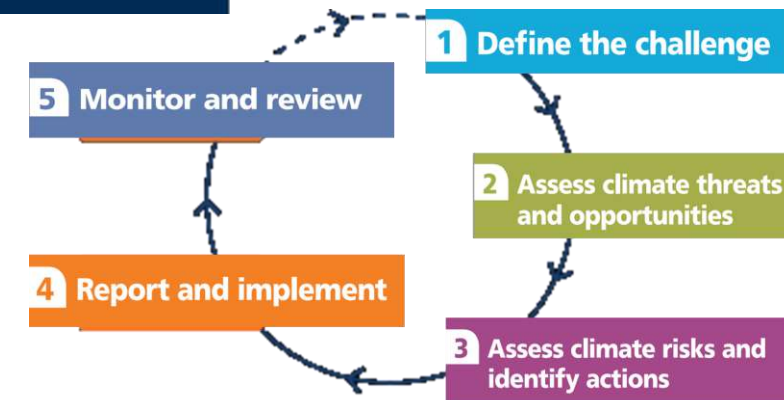
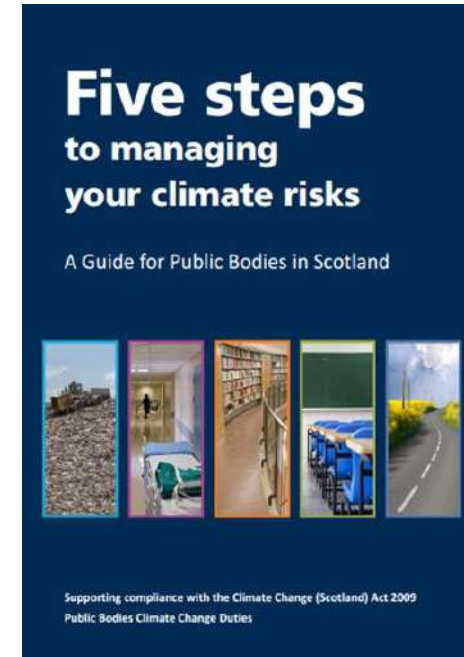
One way we support the public sector, is through the Adaptation Capability Framework.



Why did we develop the Adaptation Capability Framework?

The Adaptation Process commonly applied across Europe typically takes a risk-based, rigid, cyclical approach.

We recognised the need to support organisations at different stages of adaptation in a flexible and more holistic approach –extending beyond narrow risk focus.





An expert working group co-created the new guidance. There was representation from a wide range of public sector organisations, including:

- Local authorities
- National Health Service (NHS)
- Universities
- Transport agency



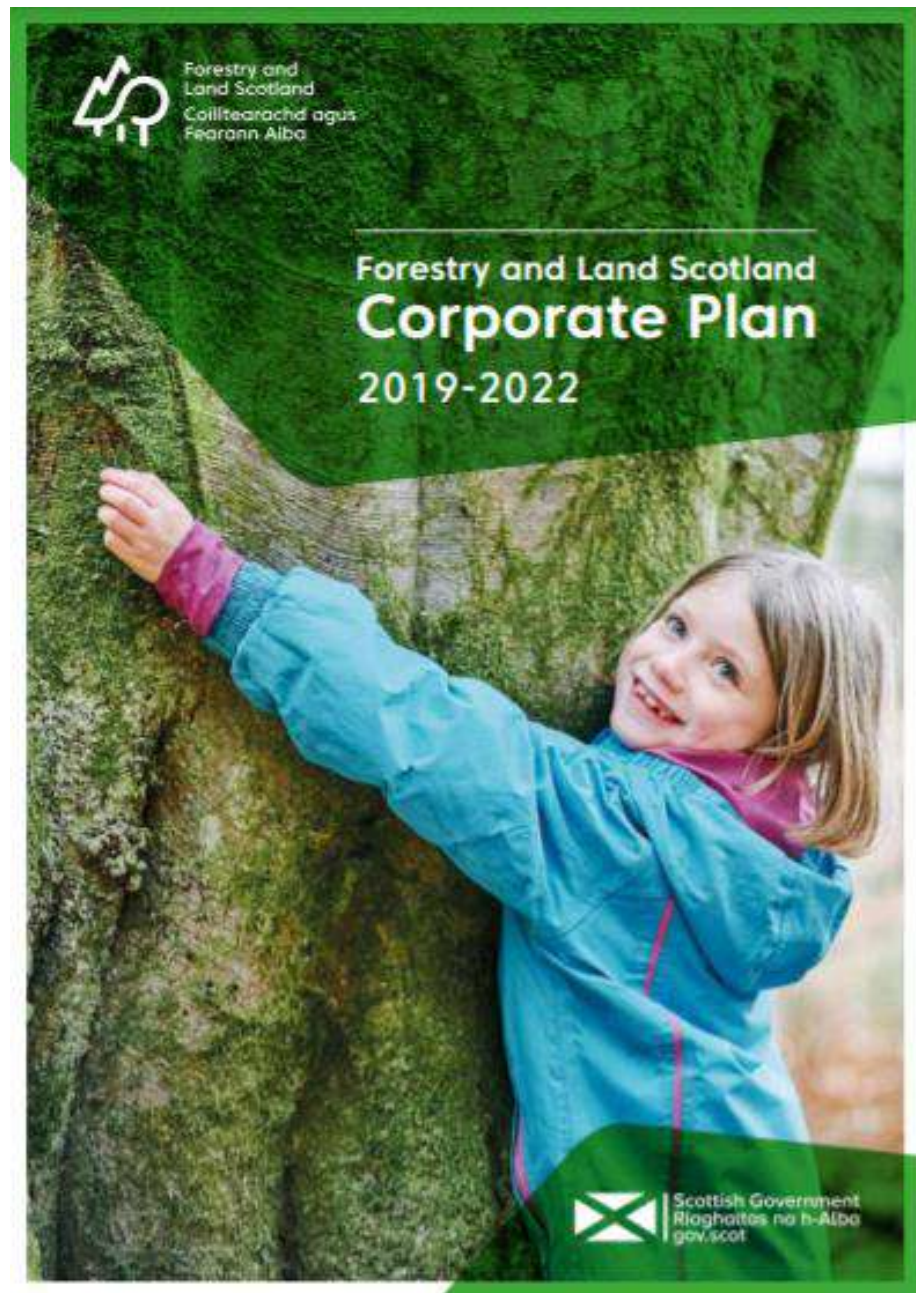
Case studies informed the development of the guidance.

They also demonstrate the benefit of progressing the capabilities in the Framework.



A Benchmarking Working Group of twenty five organisations meets regularly to provide peer support on how to advance adaptation and benchmark progress.

ORGANISATIONAL
CULTURE & RESOURCES



Forestry and
Land Scotland

Coilltearachd agus
Fearann Alba

Developing Organisational Culture & Resources Capability - Insights from Forestry Land Scotland

Case Study

On-going

Date added: 10/08/2020



This case study provides an overview of Forestry and Land Scotland's adaptation story so far and is followed by in-depth insights on the experience of using the Adaptation Capability Framework, focused on the Organisational Culture and Resources capability.

UNDERSTANDING
THE CHALLENGE



SCREENING FOR NATURAL HAZARDS TO INFORM

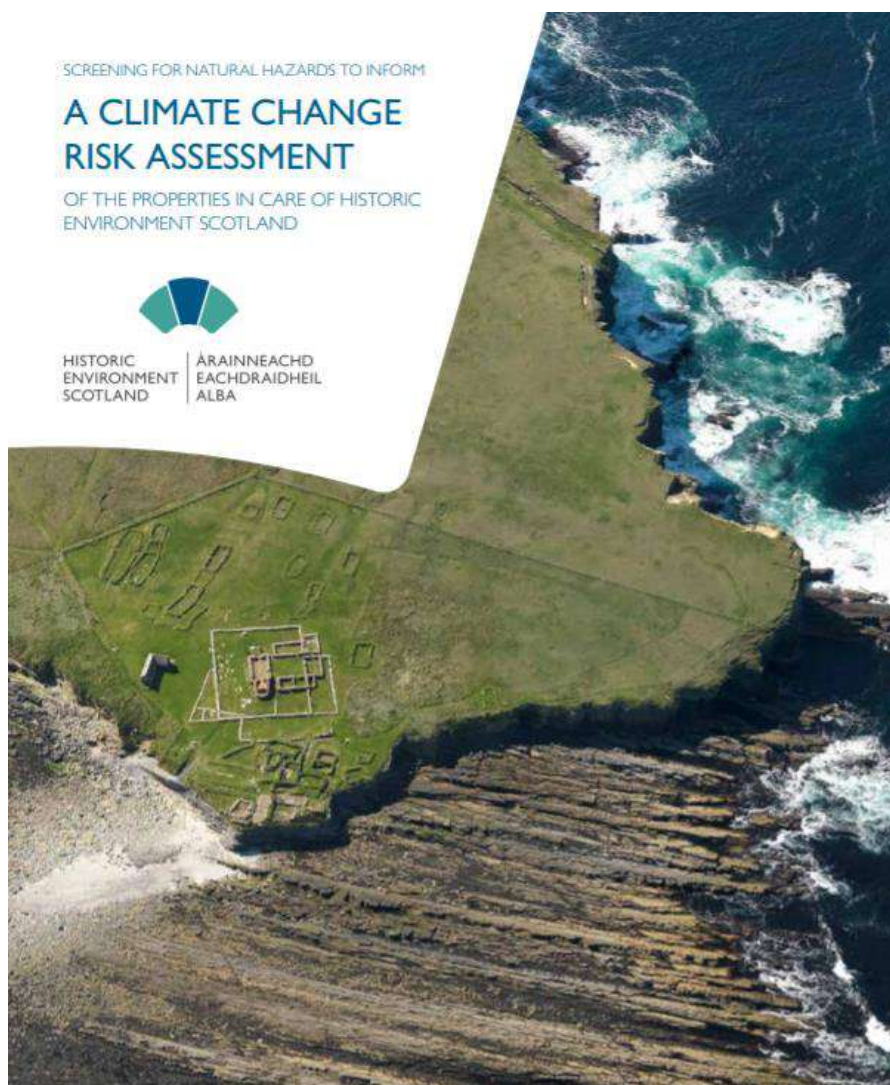
A CLIMATE CHANGE RISK ASSESSMENT

OF THE PROPERTIES IN CARE OF HISTORIC
ENVIRONMENT SCOTLAND



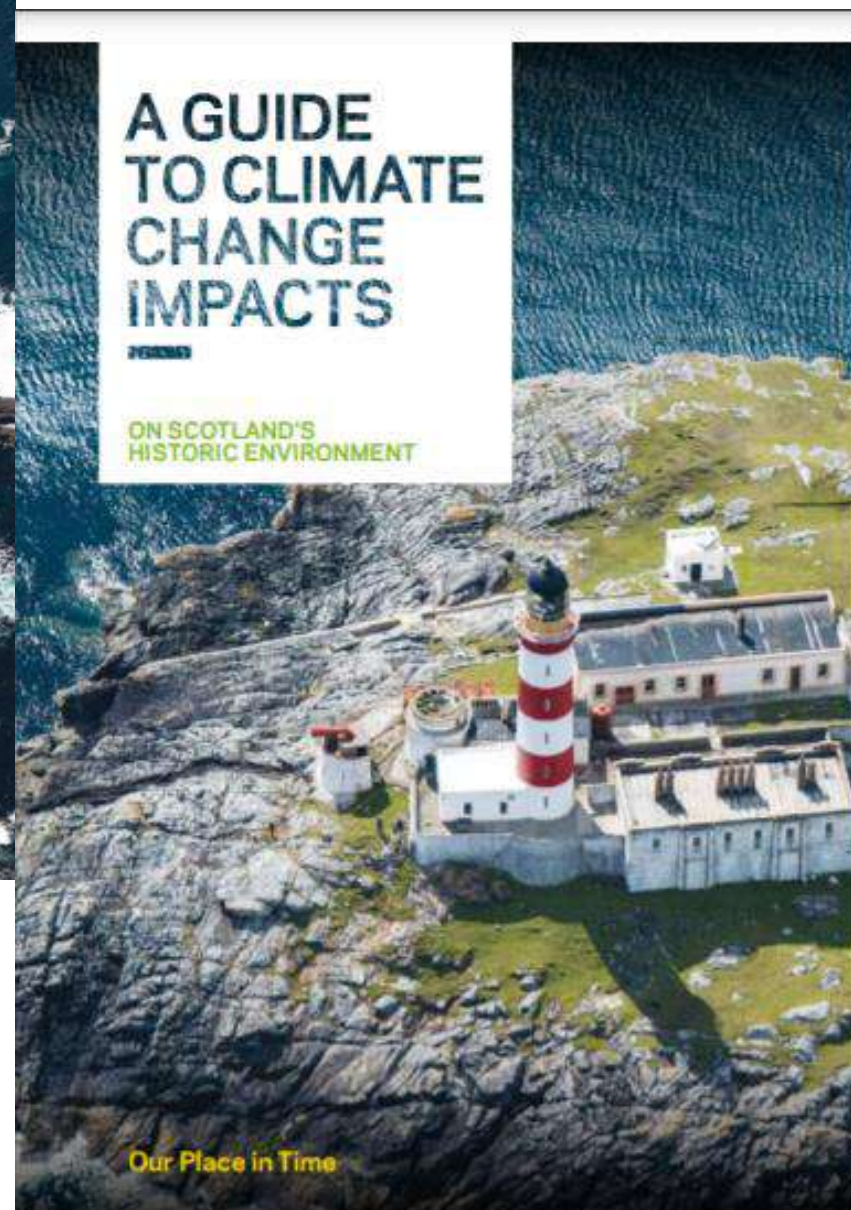
HISTORIC
ENVIRONMENT
SCOTLAND

ÀRAINNEACHD
EACHDRAIDHEIL
ALBA



A GUIDE TO CLIMATE CHANGE IMPACTS

ON SCOTLAND'S
HISTORIC ENVIRONMENT



Our Place in Time

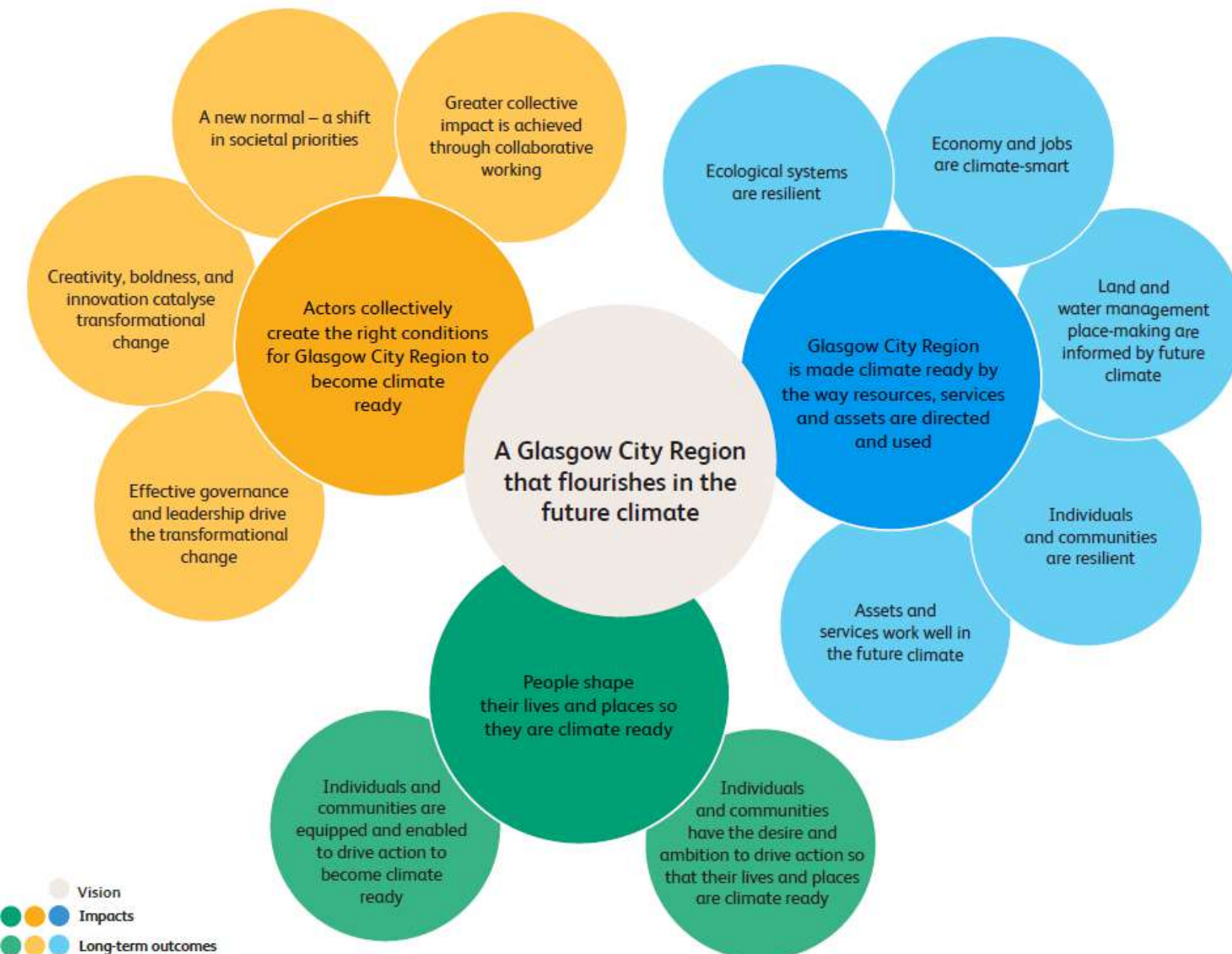
PLANNING &
IMPLEMENTATION



Theory of Change for a Climate Ready Glasgow City Region

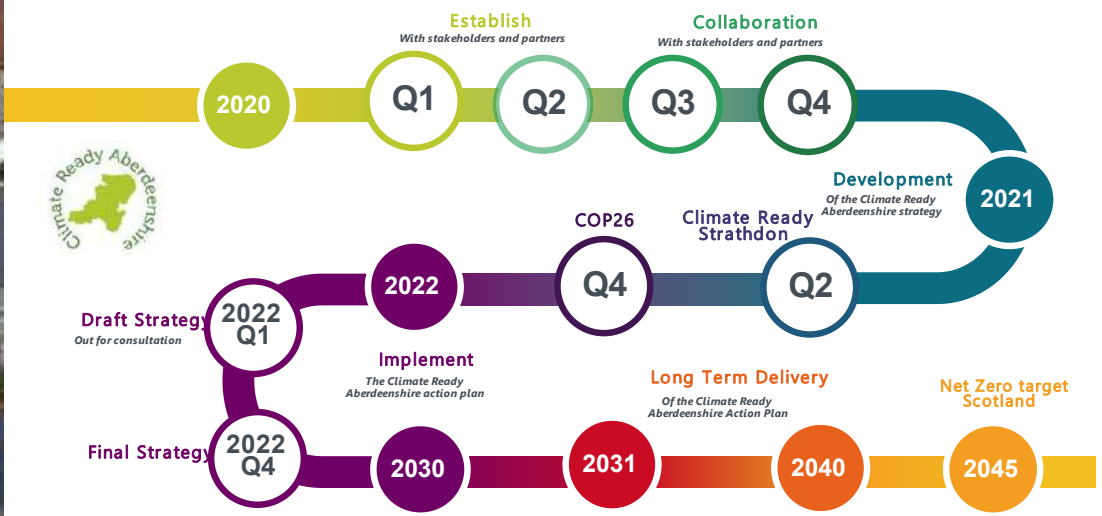
ClimateReadyClyde

Paul Watkiss Associates





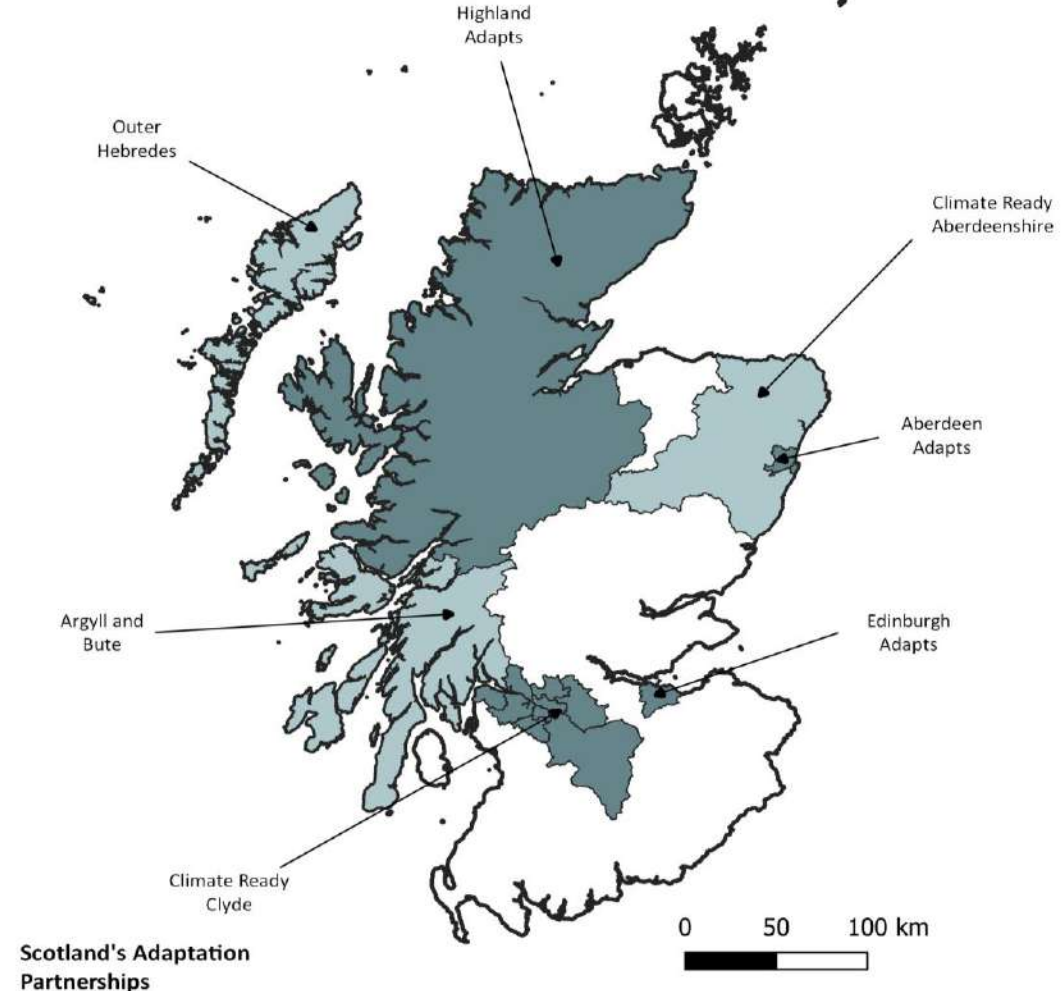
Climate Ready Aberdeenshire



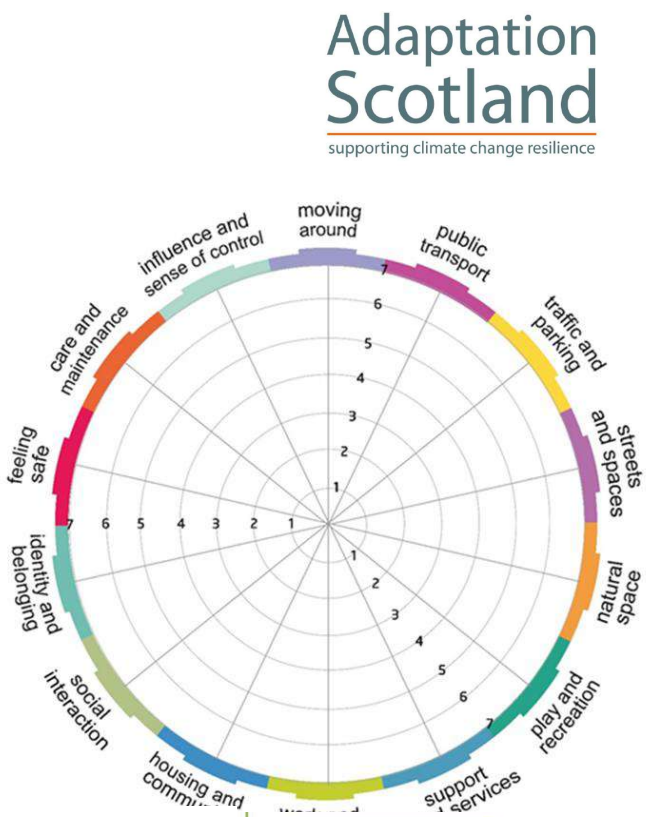
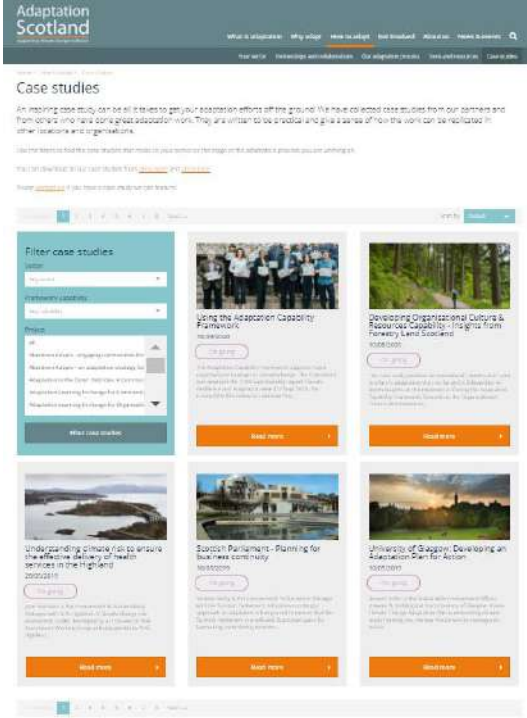
Climate Ready Places

Place based initiatives are being developed across Scotland

- There is no one size fits all approach for adaptation. Each place based initiative reflects the unique challenges, opportunities, characteristics and values of place.
- Collaboration is key – working across sectors and silos to develop joined up approaches to adaptation.



Place-based projects and resources



Community adaptation actions

PRACTICAL ACTIONS COMMUNITIES CAN TAKE TO INCREASE RESILIENCE IN THE FACE OF CLIMATE CHANGE

<https://www.adaptationscotland.org.uk/>



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• **Climate Finance** – We host a national Climate Adaptation Finance Working Group.

• **Business Support** – Have developed guidance for the private sector.

• **Leadership and Policy Support**- Training sessions for elected members

Economic advisory support services
for the Adaptation Scotland
Programme



Business cases – financing options
and results

Summary Report

Paul Warkiss Associates

March 2022



Home / News / 05/07/2019 / Adaptation Session for elected members

News 05/07/2019

Adaptation Session for elected members



On Wednesday 19 June, Councillors from across Scotland met at Glasgow City Chambers to discuss climate change adaptation and local governments role in strengthening resilience to climate related risks at the local level.



Scotland's Climate
Assembly
Seanadh Gnàth-shìde
na h-Alba



The Adaptation Scotland program

sustainability charity Sniffer.



Transboundary Adaptation Learning Exchange



Barry O'Dwyer
Principal Investigator



Denise McCullagh
Lead Researcher



Jane McCullough
CNI Lead (maternity leave)



Jade Berman
CNI Researcher



Anna Beswick
Sniffer Lead



Ellie Murtagh
Sniffer Researcher

TalX Project Objectives



1. **Identify best practice criteria** for climate adaptation planning and **assess the enabling environment** for climate adaptation across the five case study jurisdictions;
2. Identify the **key dimensions for effective adaptation** and **create a Capability Maturity Model (CMM)** to enable the implementation of effective place-based climate adaptation partnerships;
3. **Establish a learning network** across the case study jurisdictions to accelerate progress and allow for the monitoring and evaluation of the CMM in different contexts.

Find out more at: <https://talx.ie/>



Existing Adaptation Related Groups and Communities of Practice

- Adaptation Scotland's Benchmarking and Climate Finance Working Groups

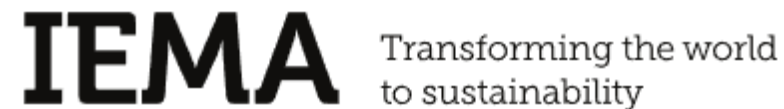
- Transboundary Adaptation Learning Exchange (TalX)



- Place Based Climate Action Network (PCAN)



- Institute of Environmental Management and Assessment (IEMA)
Climate Change Group



- International Platform on Adaptation Metrics (IPAM)



- There is no one size fits all approach to adaptation
- Effort to build capacity (and develop adaptation capabilities) supports adaptation action on the ground.
- Communities of practice support knowledge exchange + partnership working
- Adaptation requires appropriate resource. More work is needed to understand and overcome barriers to accessing climate finance and funding.



Adaptation Scotland

supporting climate change resilience

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