

Draft Scottish National Adaptation Plan 2024-29

1 March 2024 - COSLA Environment and Economy Board



Scottish Government
Riaghaltas na h-Alba
gov.scot

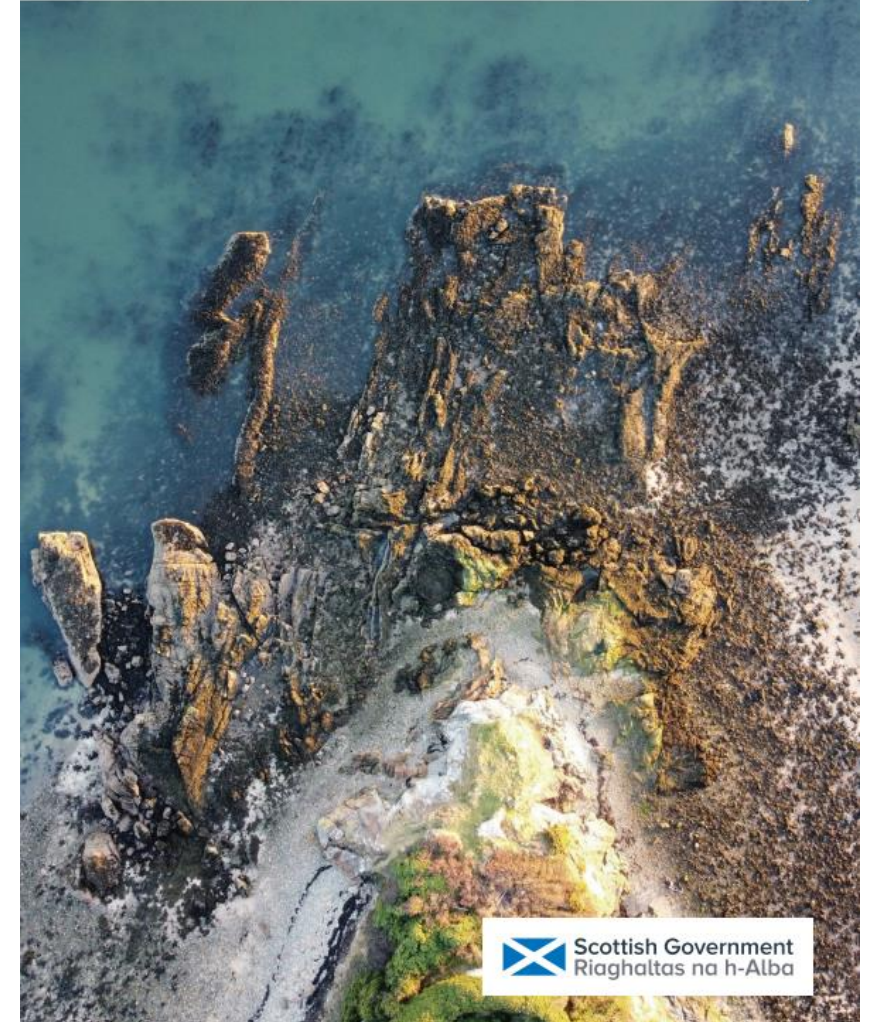


Part One: Climate impacts in Scotland

Part Two: Current action

Part Three: SNAP3 & partnership working

Draft Scottish National Adaptation Plan (2024 – 2029)
Actions today, for a climate resilient future.



Setting the Scene

- The effects of climate change are already being felt by people, places and businesses in Scotland.
- As well as reducing emissions to net zero by 2045, we must also adapt to climate impacts that are already locked in.
- In our future climate, extreme events - such as storms, floods, droughts, and heatwaves - are likely to be more severe and to happen more often.
- This means we must adapt our places to withstand these changes.



© Forestry and Land Scotland 2022

▲ Storm Arwen devastation



© Lochalsh and South West Ross Community Fire Stations 2022

▲ Lochalsh wildfire

Observed change in Scotland

Temperature	Precipitation	Coastal change
<ul style="list-style-type: none">• The last decade was 0.69 °C warmer than 1961 – 1990 average.• 10 warmest years have all occurred since 1997.• 2022 was Scotland's hottest year ever	<ul style="list-style-type: none">• Winters now 19% wetter than 1961 – 1990 average• Average rainfall +9%• Drainage system running out of capacity• Winter storms increasing in frequency and intensity	<ul style="list-style-type: none">• Global rate of sea level rise has trebled since the 1990s – now 4.8mm per year• UK SLR (1993-2023) +11.4cm• UK SLR previous 90 years (1900-1993) +7cm• Increased impacts from storm surge and erosion



Local government action



Highland
Adapts



SHETLAND
ISLANDS COUNCIL

**Climate Change
Strategy**

Case for Action

To improve resilience
to climate impacts
in the Outer Hebrides

Aberdeen Adapts
Climate Adaptation Framework 2022



Climate
Ready
Aberdeenshire

**DUNDEE
CLIMATE
ACTION
PLAN**

ClimateReadyClyde

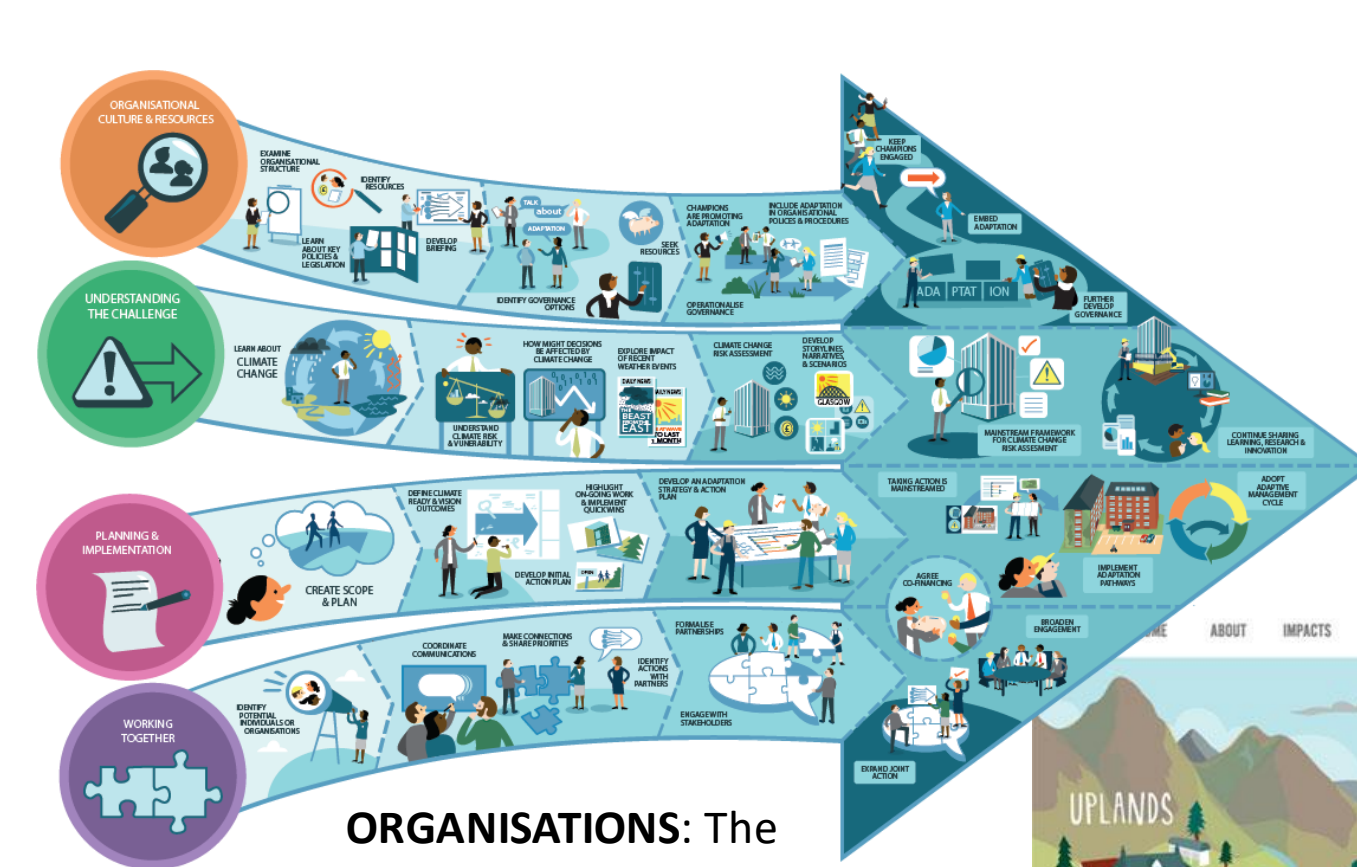
**Glasgow City Region
Climate Adaptation
Strategy and
Action Plan**

**Draft Climate Ready
Edinburgh Plan
2024-2030**

December 2023

Running out of
space; sorry to
those we
missed!

National support via Adaptation Scotland



ORGANISATIONS: The Adaptation Capability Framework supports public bodies and local authorities to adapt to climate change.

PEOPLE:
learning and
support via
professional
networks.



PLACES:
Climate Ready
place-making
and regional
collaborations.

Scotland's national approach to adaptation

- The Climate Change (Scotland) Act 2009 requires a programme for climate change adaptation to be set out every 5 years. This must address risks identified in statutory UK Climate Change Risk Assessments.
- Public bodies and local authorities have a **statutory duty** to "help deliver" the national adaptation plan (section 44). Annual reporting.
- Current adaptation plan is [SCCAP 2](#). New adaptation plan is referred to as **SNAP3** – Scottish National Adaptation Plan – in line with international naming conventions.
- Draft SNAP 3 published for [consultation](#) (Jan-April). Final version to be laid in Parliament in Autumn 2024.

Climate Adaptation Architecture

Governance and Monitoring: annual progress report to Scottish Parliament. Monitoring framework being established. CCC already providing regular independent assessment reports.

Policy Delivery: current Adaptation Plan contains 170 policies and proposals. Draft Adaptation Plan 2024-29 out for consultation.

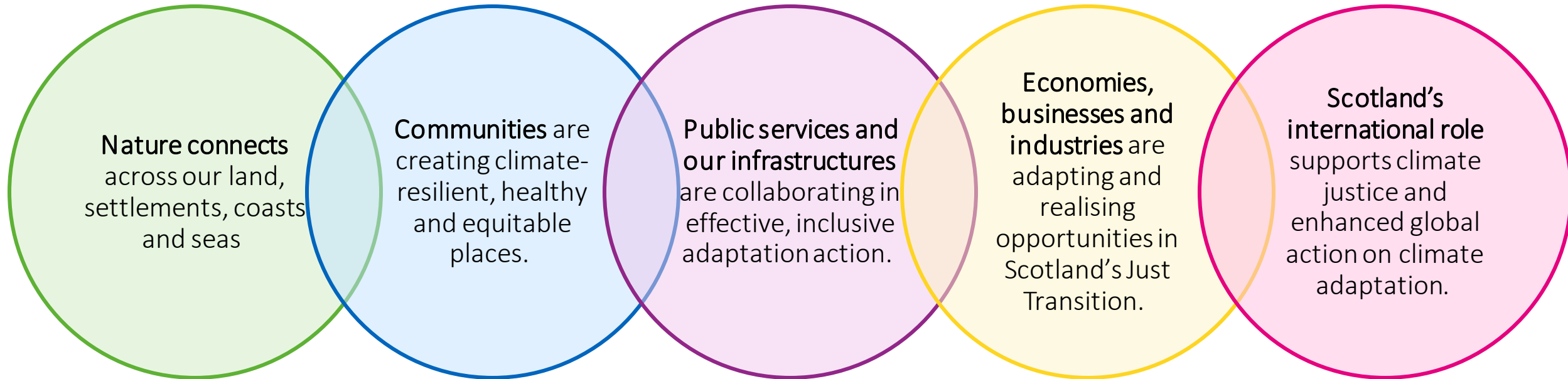
Policy Ownership: each of the 61 CCRA risks and opportunities have been assigned to a Scottish Government Directorate.

Evidence base: Climate Change Risk Assessment (CCRA) sets out 61 risks and opportunities. Updated every 5 years.

Legislation: Scottish Ministers must set out an Adaptation Plan responding to each Climate Change Risk Assessment.

Draft Scottish National Adaptation Plan (SNAP3)

- Five outcomes; 22 objectives.



Developing the draft SNAP3 with LA officers: workshop outputs

What is **driving** progress on adaptation action in your Local Authority?

Council Strategy and actions



Top 4 ranked priorities:

1. Pipeline of **investable projects** (68%)
2. Clear set of **roles and responsibilities** (57%)
3. **Accelerator funding**. (51%)
4. A duty for organisations to **cooperate** with councils. (31%)

Should SCCAP3 include an objective supporting collaborations in all regions in Scotland by (e.g. 2030)?

020

Yes



85 %

No

0 %

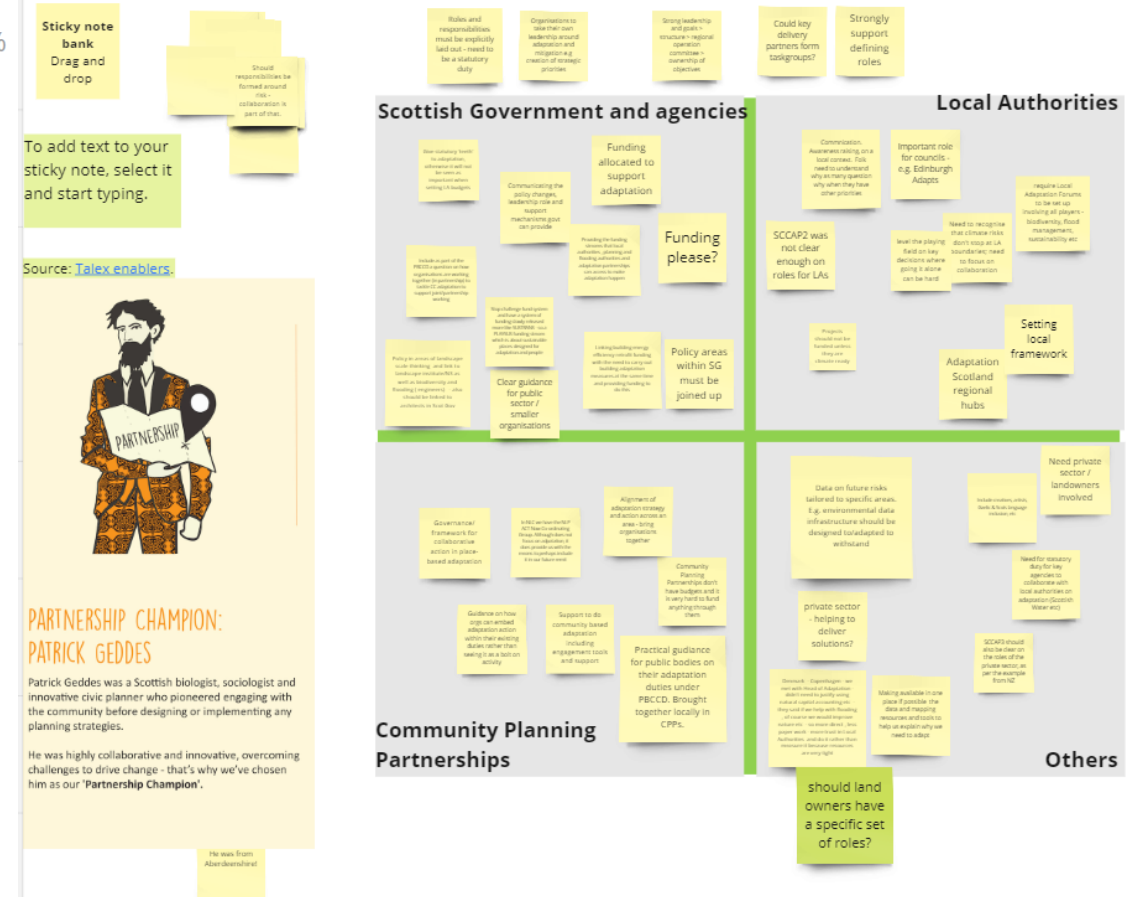
Unsure



15 %

TASK 1: PARTNERSHIP

Crowdsourcing a multi-level "roles" statement for SCCAP3

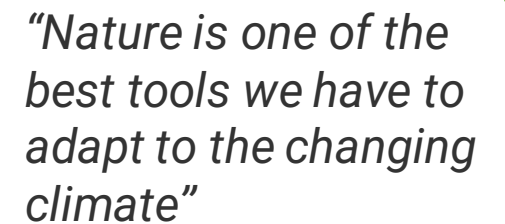


Draft SNAP3 outcome : Nature Connects

Nature connects across our lands, settlements, coasts and seas

Key policy proposals:

- As defined by the finalised Scottish Biodiversity Strategy, Scotland is Nature Positive and has restored and regenerated biodiversity by 2045.
- **Development planning** which takes current and future climate risks into account and is a key lever in enabling places to adapt, supported by the National Planning Framework 4 and new guidance.
- Scotland's net zero pathway is supported by increasing the resilience of natural carbon stores and sinks to the changing climate, supported by actions on peatland, forests and blue carbon.
- **Nature networks** implemented in every local authority area to connect nature-rich sites, deliver local priorities and support climate resilience.
- Enhanced climate resilience in marine ecosystems and the Blue Economy, supported by the National Marine Plan 2, marine protected areas and a marine restoration plan.
- **Coastal change adaptation plans** safeguard coastal communities and assets.
- A new Scottish Plan for Invasive Non-Native Species.



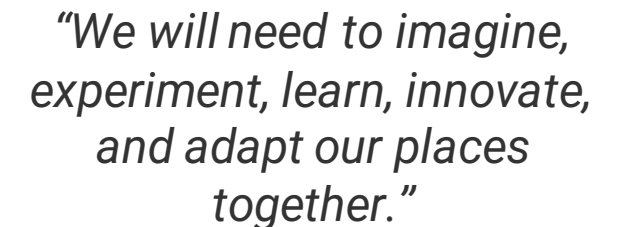
"Nature is one of the best tools we have to adapt to the changing climate"

Draft SNAP3 outcome : Communities

Communities create climate-resilient, healthy and equitable places

Key policy proposals:

- A strong and active national network of Climate Action Hubs supporting community-led adaptation.
- **Collaborative planning and investment partnerships on adaptation, covering all regions by 2029.**
- Capacity building support from Adaptation Scotland and the Community Climate Adaptation Routemap.
- An increased focus on climate action that can deliver 'triple wins' for **health, wellbeing and equity**.
- The adaptation of Scotland's historic environment and traditional buildings.
- A transformational National Flood Resilience Strategy to guide **management of flooding** from all sources.
- Carbon Neutral Islands which support adaptation and resilience in Scotland's **Island communities**.
- The transformational power of culture, heritage and creativity supporting Scotland's adaptation journey.
- Continued improvements to SEPA's flood forecasting and warning services.



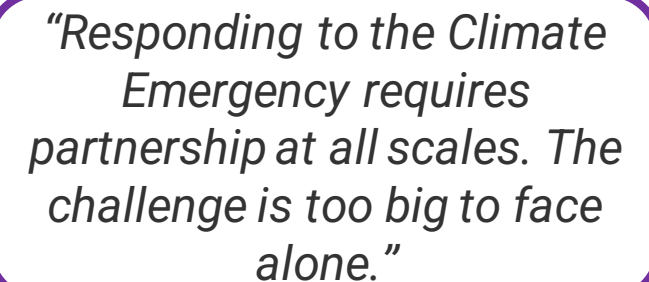
"We will need to imagine, experiment, learn, innovate, and adapt our places together."

Draft SNAP3 outcome : Public services and infrastructure

Public services are collaborating in effective, inclusive adaptation action.

Key policy proposals:

- A strengthened Public Sector Climate Adaptation Network in Scotland, with key resources updated to support collaboration across the public sector and beyond.
- A modernised water industry adapting for the changing climate, informed by the public consultation on **water, wastewater and drainage services**. *[Thanks for recent engagement & consultation responses!]*
- Adaptation and resilience embedded across trunk road, rail, aviation, active travel and maritime **transport networks**, supported by Transport Scotland adaptation strategy.
- All Health Boards preparing and implementing adaptation plans, informed by regional Climate Change Risk Assessments.
- Roll out of the Persons at Risk Distribution (PARD) system across Scotland, to help local authorities and the NHS to identify **vulnerable individuals during an emergency**, such as an extreme weather event.
- Updated statutory guidance on **public bodies climate change duties** to set Ministers expectations on adaptation for all public bodies and support more collaboration.
- A transformational National Flood Resilience Strategy to guide **management of flooding** from all sources.



"Responding to the Climate Emergency requires partnership at all scales. The challenge is too big to face alone."

Draft SNAP3 outcome : Economy, Industry and Business

Economies and industries are adapting and realising opportunities in Scotland's Just Transition.

Key policy proposals:

- From 2025, shift half of all agricultural funding to be conditional on delivering for climate and nature, including climate adaptation.
- Establish a values-led, high-integrity market for responsible Investment in natural capital building on the existing Woodland Carbon Code and Peatland Code.
- Establish a private-sector adaptation leaders network to champion climate-resilient **economic development**.
- Support the UK-wide roll-out of corporate climate risk disclosures
- Continue to invest in SEPA's Scottish Flood Forecasting and warning services to ensure flood-risk information is available to businesses across Scotland
- Deliver a forestry Resilience Action Plan in 2024 and invest more than £650k in yearly surveillance of 1.5 million hectares of woodland.
- disseminate information on climate risk and opportunities to businesses across Scotland, including our SMEs.

"Developing greater climate resilience will be crucial to ensure the future security and prosperity of Scotland's economy."

Discussion: regional adaptation partnerships

Objective: Place-Based Collaboration (C1)

Place-based collaborations across Scotland have delivered inclusive and effective adaptation action across cities, regions, and localities engaging a broader range of delivery partners.

"For Scotland to flourish in a changing climate, we need to adapt together"

Proposed:

- Ambition for regional adaptation partnerships and collaborations covering all regions in Scotland by 2029.
- SNAP3 sets out a clearer collective understanding of partnership working roles.

Ongoing:

- Verity House Agreement and climate change delivery framework.
- Place Principle implementation, including support from Architecture and Design Scotland, Public Health Scotland etc.

- Avoid a 'one size fits all' approach.
- What's best done regionally? (Risk assessment, priority setting, catchment-level planning?)
- Building on current collaborations to access + scale investment.

We want to hear your views on the draft plan!

Citizens Space consultation



Email the team:

AdaptationConsultation@gov.scot

Consultation closes on 24 April



*Next meeting with local
authority officers planned for
late-March.*