

Introduction to Adaptation ‘pillar’

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National Heritage Science Forum, Climate Emergency
‘Deep Dive’ – 24 Jan 2024

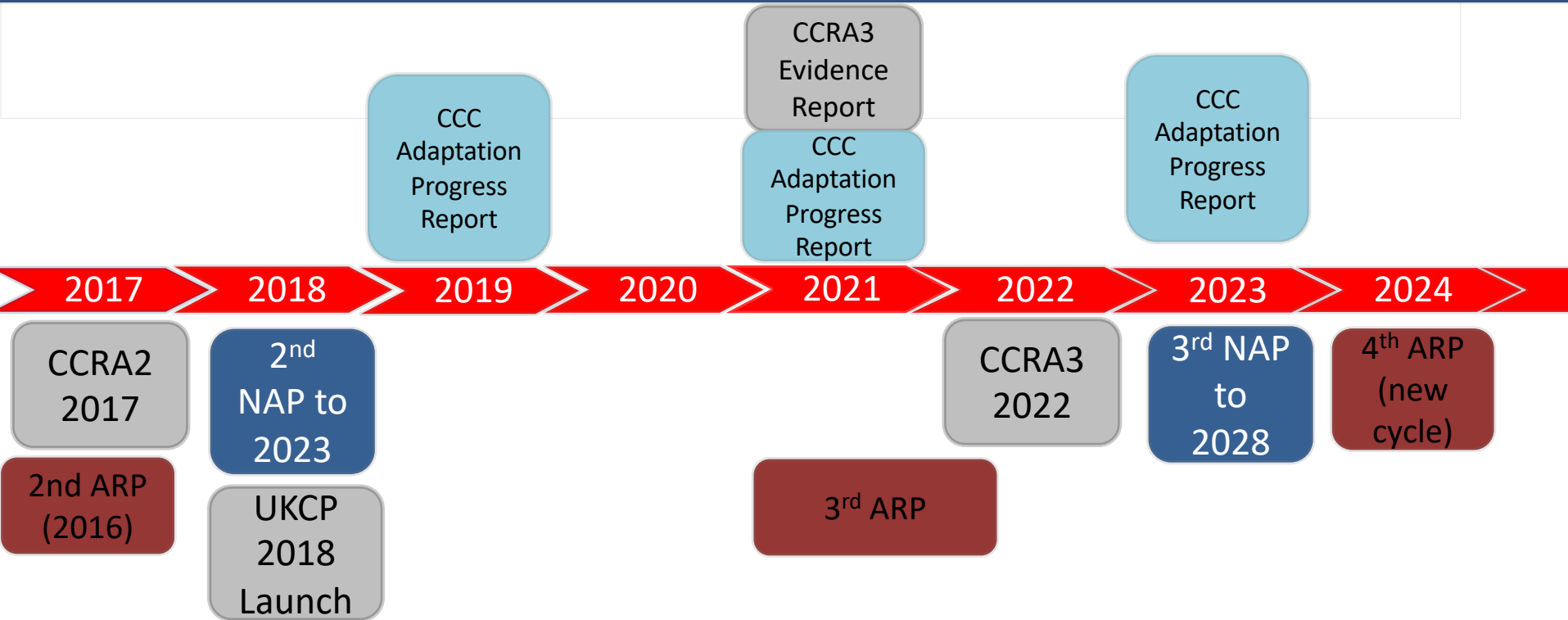
IPCC definition of Adaptation

“The process of adjustment to actual or expected climate and its effects, in order to moderate harm or exploit beneficial opportunities.”

IPCC et al. (2022) Climate Change 2022: Impacts, Adaptation and Vulnerability. Working Group II Contribution to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change.

Intro to UK Policy & Activity

CCC ACTIVITIES



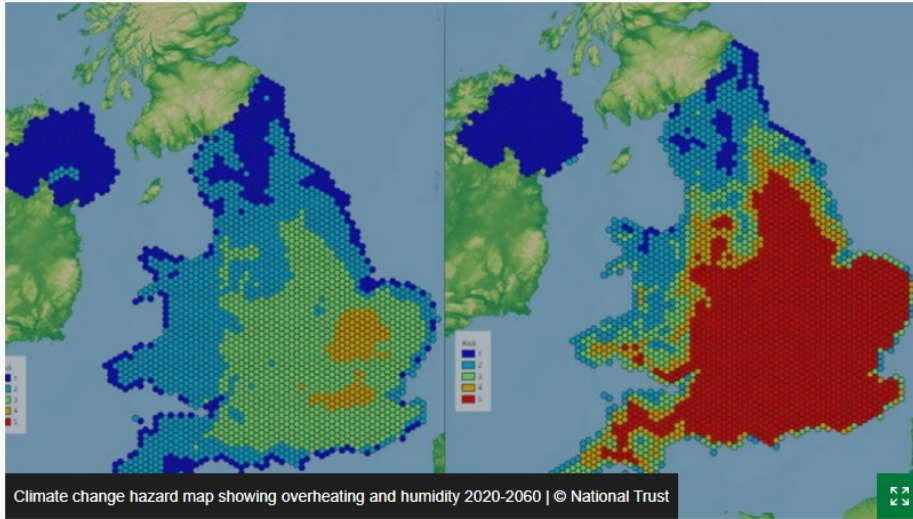


Heritage & Adaptation

- Social & environmental benefits
- Building design
- Flood protection
- Community engagement
- Infrastructure upgrades & protection
- Land use changes
- Landscape restoration



Research & Activity



1. Developing & adopting good practice
2. Evidence to demonstrate the contribution of the historic environment to the resilience of places and communities
3. Managing loss

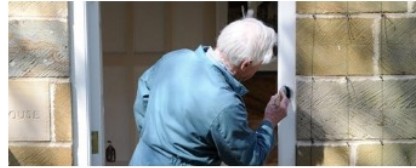
Your Home

If your home is listed, in a conservation area, or simply an older building you can find lots of free, independent, practical advice here on maintaining, repairing and improving it.



Owning an Older Home

Find out what living in an older or listed building or in a conservation area means for owners.



Maintenance and Repairs

See our advice on looking after an older home, including how to carry out a maintenance check and where to find professional help.



Making Improvements

Find out what permission you will need when making changes to older homes and see our advice on best practice.



Flooding and Older Homes

Advice about how to prepare for and minimise the damage caused by flooding.

National Trust - Climate change adaptation guidance

For caretakers and managers of historic and beautiful places

Together with other heritage organisations, and thanks to INTO's '**Withstanding Change**' project, National Trust experts are developing a range of guidance for the owners and managers of historic and beautiful places.

This guidance is available to any heritage organisations looking after such places. The guidance aims to help sites become more resilient to climate change, and support teams to take decisions in the face of climate hazards.

NEW – November 2023: sections on Gardens and Parks, as well as covering Collections and Interiors (Paper & Books), Buildings (Historic Building Fabric), and Infrastructure (Bridges, Culverts and Tunnels).



The seafront at **Porthdinllaen** – a National Trust site particularly exposed to sea level rise and other climate hazards

Learning from our past



- Preventative measures
- Precautionary measures
- Inclusivity
- Education
- Research & development

Managing loss



- Recognition of risk within CCRA3
- Do we need new adaptive approaches where change is inevitable or conservation at current levels is not feasible?
- Building confidence in face of difficult decisions

Key messages

- We're facing a climate emergency, but heritage is part of the solution
- Protecting our heritage and delivering urgent climate action are compatible goals
- Improving the resilience of heritage assets is critical for their long-term survival
- Some loss of and transformative change to heritage assets is unavoidable
- Balancing climate action and heritage protection is complex, but managing change is what we do!

