



Department  
for Environment  
Food & Rural Affairs

# Climate Resilience SPF

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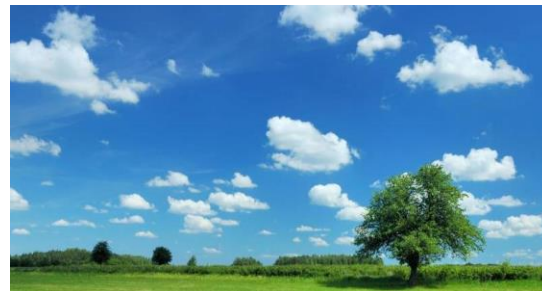
# Strategic Priorities Fund

## Overview:

- Funding to provide support for strategically important research and innovation which isn't aligned with other funding programmes

## Aims:

- Drive an increase in high-quality **multi- and interdisciplinary research and innovation** by encouraging and funding work in areas which previously may have struggled to find a home.
- Ensure that UKRI's investment links up effectively with **Government departments' research priorities** and opportunities, encouraging funding for research that crosses boundaries between UKRI councils and government departments.
- Ensure the system is able to respond to **strategic priorities and opportunities**, so that the strategic insight of UKRI and the local knowledge of universities both help to shape research activity.



# Climate Resilience SPF - Defra Involvement

## Vision:

*To enhance the UK's resilience to climate variability and change through frontier **interdisciplinary research and innovation** on climate risk, adaptation and services, working with stakeholders and end-users to ensure the research is **useful and usable**.*

## Defra's involvement

Defra sits on the Steering Committee to ensure that programme is aligned with government priorities:

- Relevance to government policies and initiatives
- Multidisciplinary across different depts/sectors
- Usefulness to end users, applied and solutions focused
- Address CCRA evidence gaps
- Step change in capacity for Climate Change Risk Assessments (CCRA)

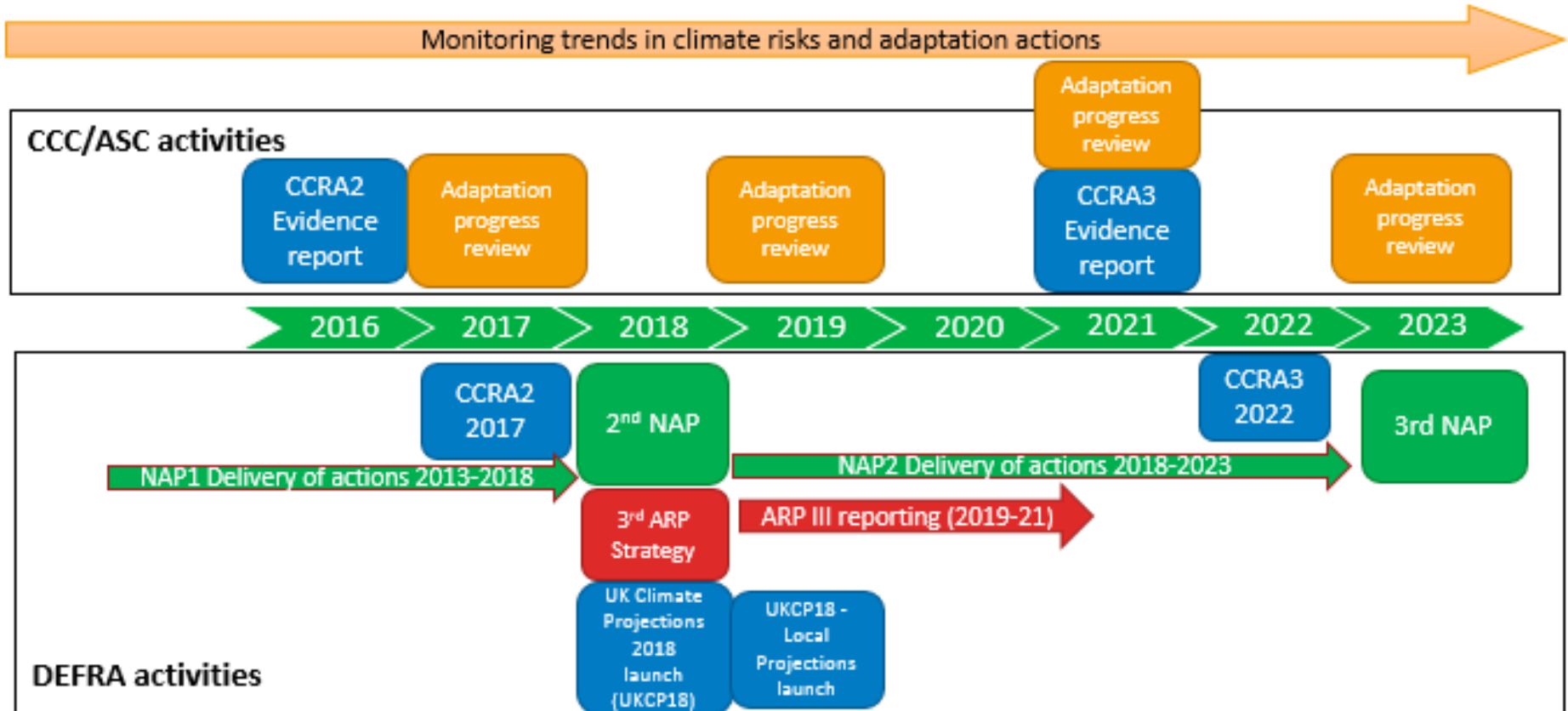


A Green Future: Our 25 Year Plan to  
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# The Climate Change Act sets UK's adaptation framework

- The Climate Change Act 2008 requires a UK Climate Change Risk Assessment (CCRA) every 5 years followed by a National Adaptation Programme (NAP) to address the risks identified.
- The Act created an Independent Adaptation Sub-Committee (ASC) of the Committee on Climate Change to advise Government on adaptation and review progress on implementation of the NAP.
- The Act also created an adaptation reporting power (ARP) that enables Government to require infrastructure providers and public bodies to report on their preparedness for climate change.



# Evolution of CCRAAs

## UK 2012 | Climate Change Risk Assessment

### CCRA1: Breaking new ground

- Systematic review of 100+ risks
- Sets baseline in absence of current and planned actions
- Focus on scientific evidence base

### CCRA2: Shift in approach


- Greater focus on prioritisation to inform NAP
- Understanding of how policies, actions and socio-economic change affect risk
- Reappraise only where science advanced significantly

### CCRA3: Similar to CCRA2 with a focus on:

- Greater accessibility of outputs for **primary audience** of government and devolved admins
- Further **prioritisation**
- More **place and systems based** approach
- Advances in science



## Climate Resilience themes – government priorities



Max  
Impact  
and  
Legacy

### **Characterising and quantifying climate-related risks**

- Need for different time horizons depending on framework
- Translate climate hazard info into risks

### **Managing climate-related risks through adaptation**

- Better understanding of barriers to action
- Understanding how to incorporate climate into existing governance

### **Co-producing climate services**

- Context specific – driven by user need
  - Two way dialogue – improve understanding for researchers and decision makers.
  - Lessons to apply more widely
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## International Policy Drivers

- In September 2019, the UK co-led the resilience and adaptation theme with Egypt, Bangladesh, Malawi and the Netherlands at the United Nations Climate Summit (UNCAS).
- The UK launched a Resilience and Adaptation ‘Call for Action’ at the Summit – a signal that encourages nations to commit to resilience and adaptive initiatives and action. Over 110 Countries and 70 organisations endorsed the signal.
- Following our leadership at UNCAS and our nomination as co-hosts of COP26 in partnership with Italy, we need strong domestic action to underpin our international ambition.
- The UK and Italy are dedicated to driving ambitious climate action together at COP26, supporting an all-of-society approach that works with nations, citizens, civil society, young people, business, academia and sub-national actors.



**CLIMATE  
ACTION  
SUMMIT 2019**



**A RACE WE CAN WIN**