

The Flood & Coastal Resilience Innovation Programme (FCRIP)

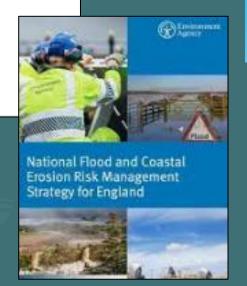
Catchment to Coast



HM Governmen

Flood and coastal erosion risk management
Policy Statement

July 2020





Strategy Ambition 1:

Climate Resilient Places

People and places will be more resilient to flood and coastal change in a changing climate

People and places will be able to plan for future flooding and coastal change and adapt to future hazards

People and places will make greater use of nature based solutions to enhance flood and coast resilience and nature recovery

Farming and land management practices will better support rural resilience to both floods and droughts



Strategy Ambition 2:

Growth and Infrastructure

New homes will be safe from flooding by avoiding inappropriate development in flood risk areas

Flood and coastal risk management investments will drive environmental improvements and sustainable growth

More people will take action to build back better and recover more quickly when flooding happens

Flood risk assets will be safe and resilient to current and future risks from flooding and coastal change

National infrastructure will be more resilient to current and future risks from flooding and coastal change



Strategy Ambition 3:

A nation ready to respond and adapt to flooding and coastal change

People will understand and will be better prepared to respond to flooding and coastal change risks

People and businesses will get back to normal quicker after flooding

More people will have the education and skills they need to develop careers in flood and coastal risk management

World leading research and international best practice will underpin flood and coastal risk management

Carbon emissions from flood and coastal risk management investments will be significantly reduced to meet net zero targets

Help communities at risk of flooding & coastal change to respond, recover and adapt better in a changing climate







Flood and Coastal Innovation Programmes

Share learning from the £200 million funding which is testing innovative action on flooding and coastal change through three key programmes:

- Flood and Coastal Resilience Innovation Programme (FCRIP)
 - Coastal Accelerator Transition Programme (CTAP)
 - Adaption Pathways Programme (APP)

AAP - Thames Estuary 2100, Humber Strategy, River Severn Partnership, South and West Yorkshire.

The four locations are working together to develop, test and share guidance, resources and tools to better integrate adaptation to future flooding and coastal change into projects, investments and strategic plans.

CTAP - East Riding of Yorkshire and North Norfolk

The Coastal Transition Accelerator Programme (CTAP) will explore how we can adapt to the effects of climate change on the coast.

Working with communities on the coast that cannot sustainably be defended from coastal erosion.







Flood and coastal resilience involves the capacity of people and places to: Plan for, better protect, prepare and be ready to respond, and recover from flooding and coastal change

Programme Aims





2

Improve the resilience of 25 local areas, reducing the costs of future damage and disruption from flooding and coastal erosion



3

Improve evidence on the costs and benefits of the innovative resilience actions and demonstrate how different actions work together across geographical areas





Resilience Actions/Activities

- 1. Integrated water management solutions
- 2. Nature based solutions
- 3. Property flood resilience
- 4. Community infrastructure resilience
- 5. Monitoring and management of local assets
- 6. Minimise damages and disruption to small and medium sized businesses
- 7. Community and voluntary sector action to be better prepared and recover more quickly
- 8. Local emergency response equipment
- 9. Enhanced flood warning systems
- 10. Investigate policy challenge areas
 - Balancing agricultural, flood and environmental priorities in low-lying agricultural land.
 - Meeting the need for major new developments in areas with flood risks
 - Retrofitting drainage and water management arrangements in urban areas





Catchment to Coast









Overview of the Catchment to Coast Project

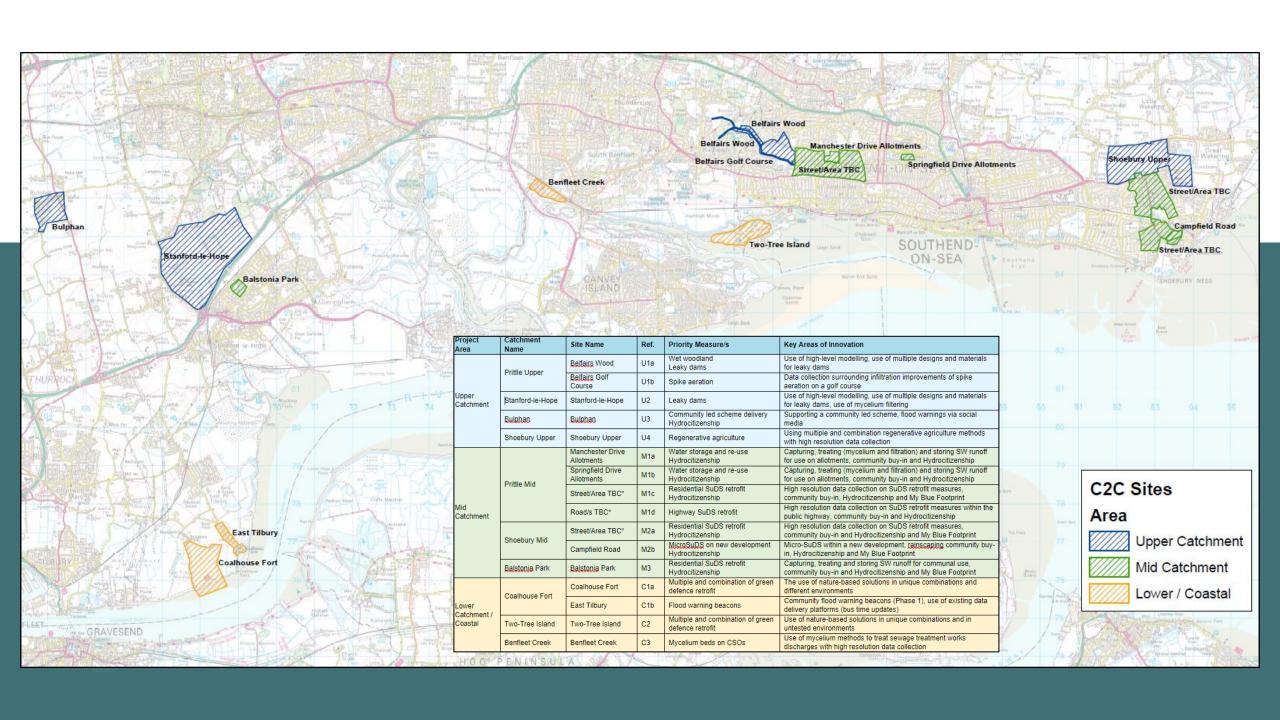
Partners

Southend-on-Sea City Council & Thurrock Borough Council – Lead Partners

Castle Point Borough Council, Rochford District Council, Anglian Water, Environment Agency, Essex Wildlife Trust, Thames 21, AmbioTEK, Kings College London, University of Essex & Mott MacDonald

Project Objectives

- 1. The Catchment to Coast project will take a strategic approach to FCERM across the whole hydraulic catchment.
- 2. Use of complementary, interconnective nature based solution across the upper, middle and lower catchment; site specific and cumulative impacts will be monitored and evaluated.
- 3. All nature based solutions will be innovative, or traditional NBS will be used in an innovative way or combination.









Data Collection & Monitoring



Catchment to Coast





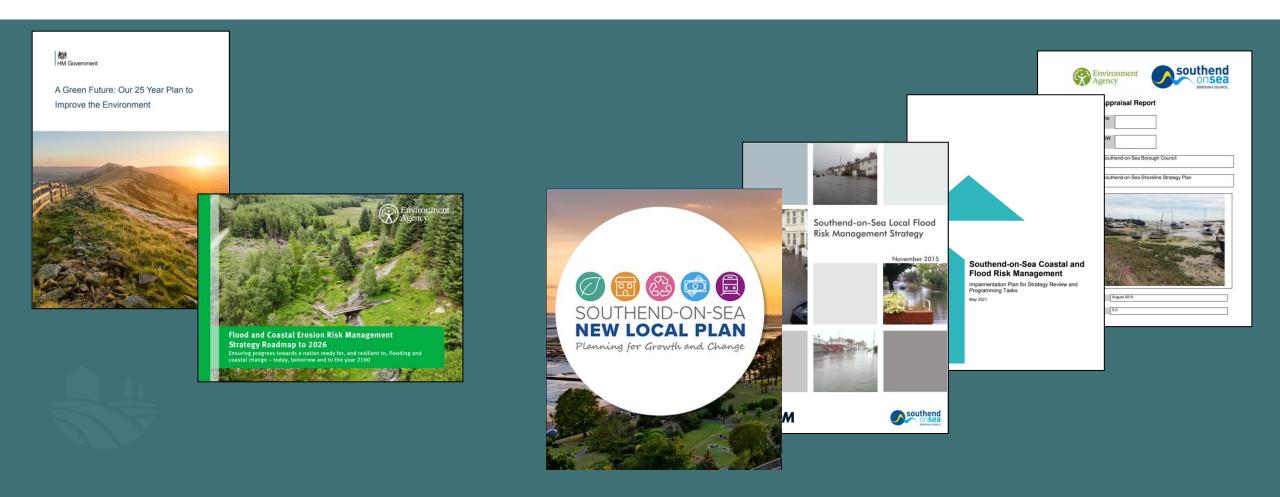






Future Aspirations







Thank you & any questions



