

ADEPT Environment Board

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FCERM Strategy vision and ambitions

... a nation ready for, and resilient to, flooding and coastal change – today, tomorrow and to the year 2100.



Climate resilient places



Today's growth and infrastructure resilient in tomorrow's climate



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

What are the key shifts in the Strategy?

A nation ready for, and resilient to, flooding and coastal change...

- Shifting from protection to resilience – a broader range of resilience actions.
- Adapting to the unavoidable impacts of climate change – adapting to a +2 and +4 degree world.
- Making greater use of nature-based solutions to improve resilience to both floods and droughts.
- The right kind of growth in the right places – new development is safe from flooding.
- Ensuring infrastructure investments are more resilient to future flooding and coastal change.
- Building back better to reduce flood damages and enable faster recovery.
- Helping communities to better prepare for and respond to flooding and coastal change.



Strategy Action Planning

- Our first Action Plan, published in May, identifies practical actions that EA and partners will take over 2021/22.
- The Action Plan was developed in collaboration with partners to support local action – including ADEPT & LGA.
- The Action Plan complements the £5.2 billion FCERM investment programme.
- We are now developing a Strategy Road Map which will set out actions looking to 2025.
- As the country recovers from the coronavirus pandemic, the Strategy Road Map will contribute to clean, green recovery with climate resilience at its heart.



The FCRM Capital Investment Programme 2021-2027

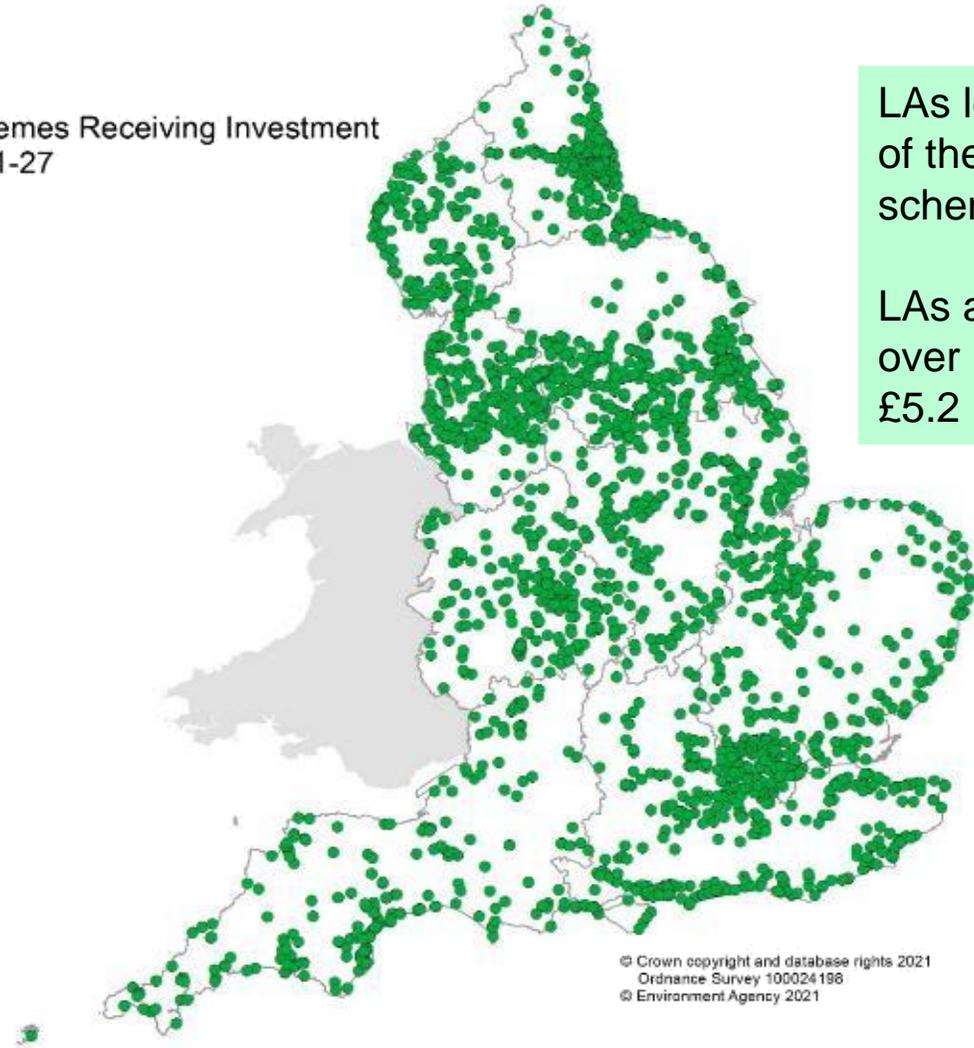
Press release

Multi-billion pound investment as government unveils new long-term plan to tackle flooding

336,000 properties in England better protected from flooding by 2027 with record £5.2 billion investment



Schemes Receiving Investment
2021-27



LAs lead over 50% of the 2,000 schemes

LAs are due invest over ~25% of the £5.2 billion

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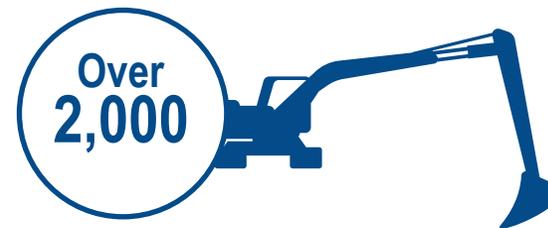
FCRM Capital Programme 2021/22-2026/27 - Key Facts



total capital expenditure



better protected from flooding



schemes to protect communities



of partnership funding required



of agricultural land protected



rivers enhanced



railways and roads protected



natural habitat created or improved

Flood & coastal resilience innovation programme

1
Encourage local authorities, businesses and communities to **test and demonstrate innovative practical resilience actions** in their areas

2
Improve the resilience of 25 local areas, **reducing the costs of future damage and disruption** from flooding and coastal erosion

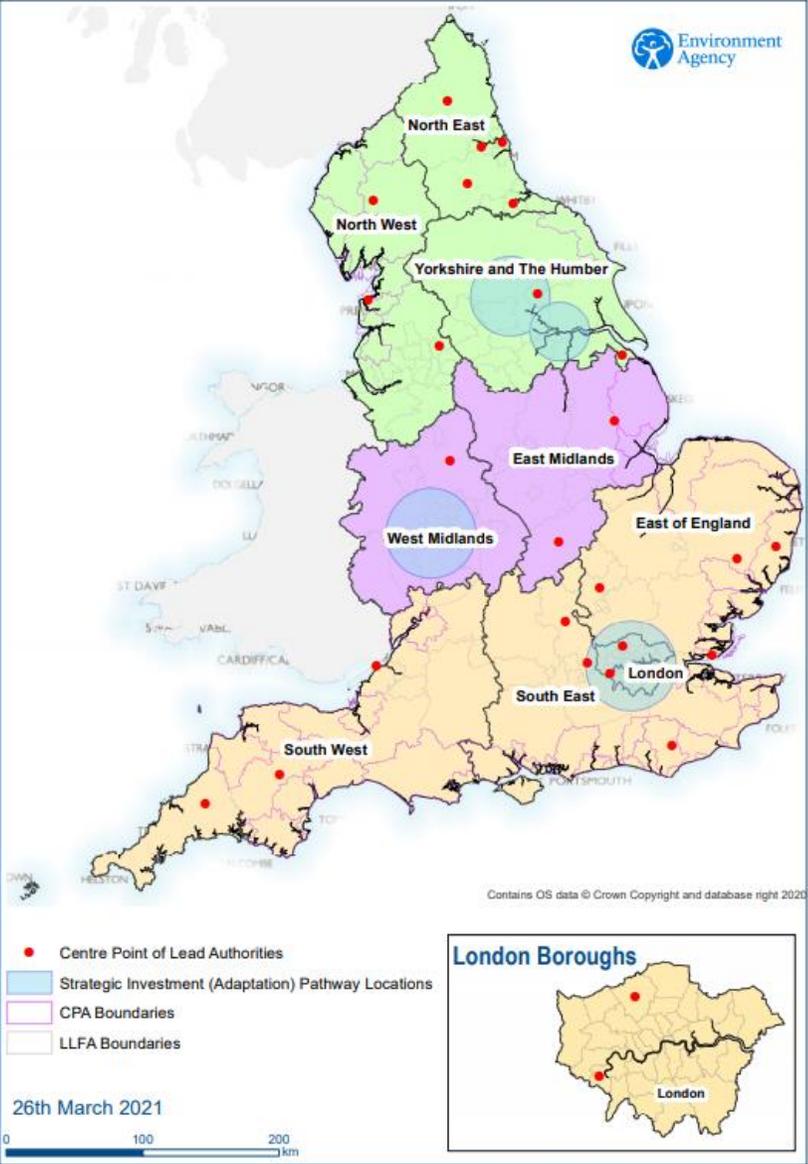
3
Improve evidence on the **costs and benefits** of the innovative resilience actions and demonstrate how different actions work together across geographical areas

4
Use the evidence and learning developed to **inform future approaches to, and investments in, flood and coastal erosion risk management**



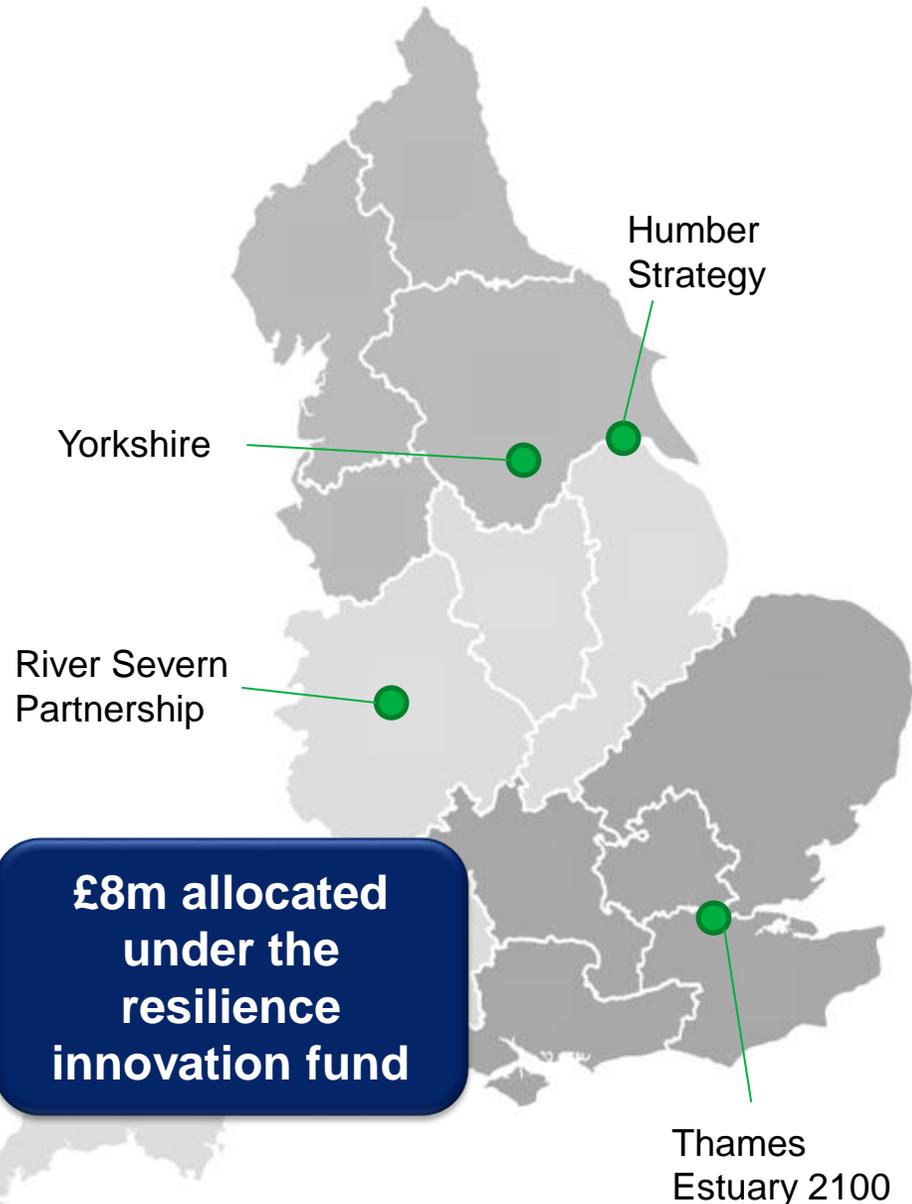
We're investing £150 million in 25 new flooding and coastal resilience projects

Putting innovative actions into practice



<p>Integrated water management</p>	<p>Nature based solutions</p>	<p>Local monitoring</p>	<p>SME business actions</p>
<p>Local community volunteers</p>	<p>Local emergency response equipment</p>	<p>Local community infrastructure protection</p>	<p>Property Flood Resilience</p>
<p>Surface water drainage</p>	<p>Spatial planning and development</p>	<p>Local warning systems</p>	<p>Agricultural land and flood risk</p>

Adaptive pathways pilots



Adaptation pathways

Investment strategies for managing flooding & coastal risk in a changing climate to 2100 and beyond

Development and implementation of adaptation pathways in a range of locations and scales

Learning to inform **policy choices** and **tools**

Led by EA and **local partnerships**

2021 to 2027

Using the power of nature to drive flood resilience

Guidance

Use nature-based solutions to reduce flooding in your area

Find out how you can use natural options to reduce flooding in your area, who to contact for advice, and if you can get funding.

From:

[Environment Agency](#)

Published

25 June 2021

Applies to: [England](#) (see guidance for [Wales](#), [Scotland](#), and [Northern Ireland](#))

Contents

— Examples of nature-based solutions

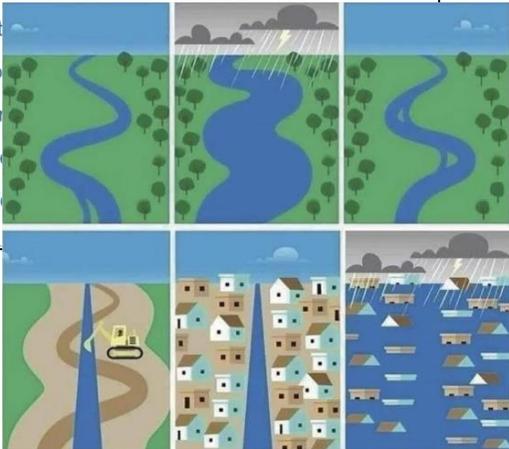
— Benefit

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Property flood resilience pathfinders

BeFloodReady

Property Flood Resilience (PFR)
Helping you to reduce Flood Risk



- Build Back Better.
- Yorkshire, Devon & Cornwall & OxCam Pathfinders.
- Flood Re – discounted insurance premiums.

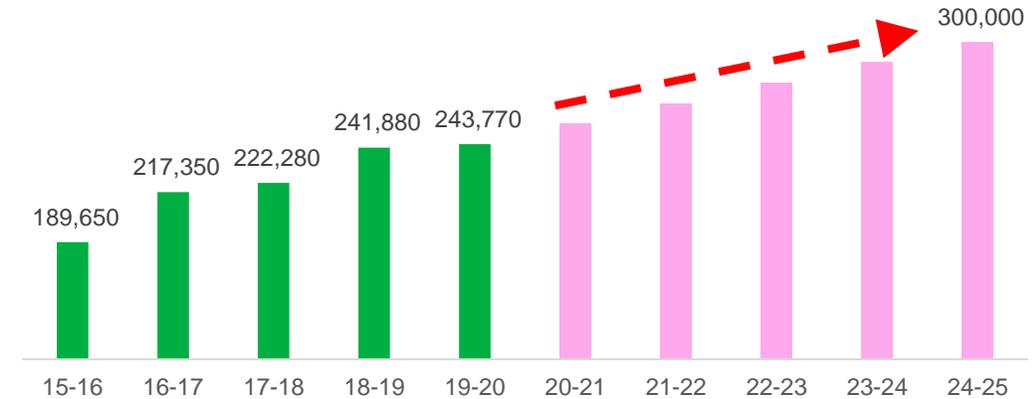


Flood risk & planning: the challenges ahead

Planning reforms



New housing growth



- Over 2,200 homes approved against EA flood risk advice in last 5 years
- 25% of local planning authorities are aware of flooding to developments built within the last ten years
- 50%+ of local planning authorities rarely or never inspect new development for compliance with flood risk planning conditions
- Homes in the floodplain will double over the next 50 years

Thank you

Any questions?

