



Flood and coastal resilience innovation programme

Part of the £200m
Flood and coastal innovation programmes

Stronger Shores in Action

The Really Rewild Show

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3rd September 2025

Innovation

£200m Flood & coastal innovation programmes

3 

Unique programmes

324 

Organisations

~500

Project staff

35 projects

30 local authorities



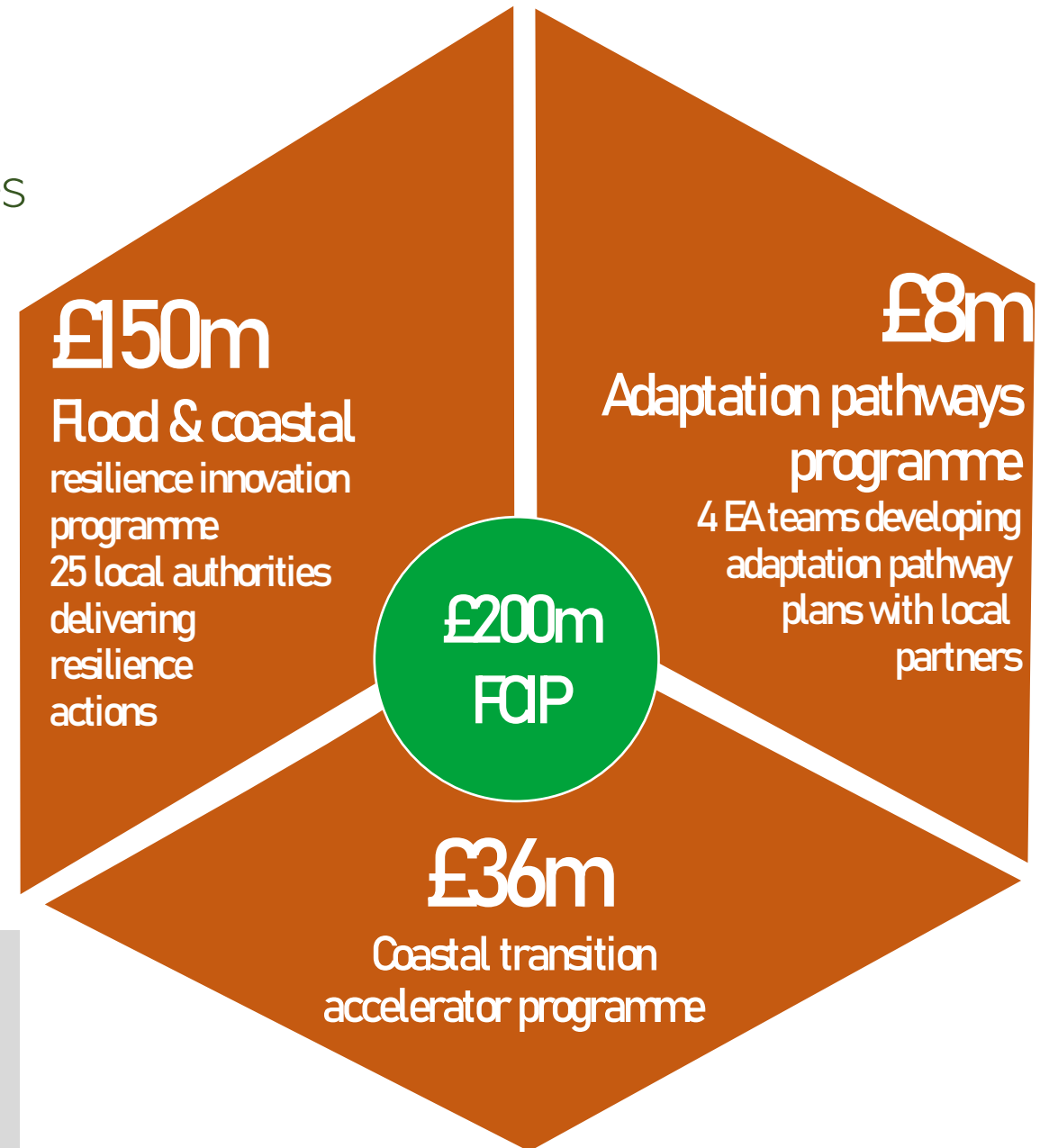
£200m

6 YEARS

2021-
2027



We will drive innovation in flood and coastal resilience and adaptation to a changing climate. We're investing £200 million to test and develop new ways to create a nation resilient to flooding and coastal change.





What?

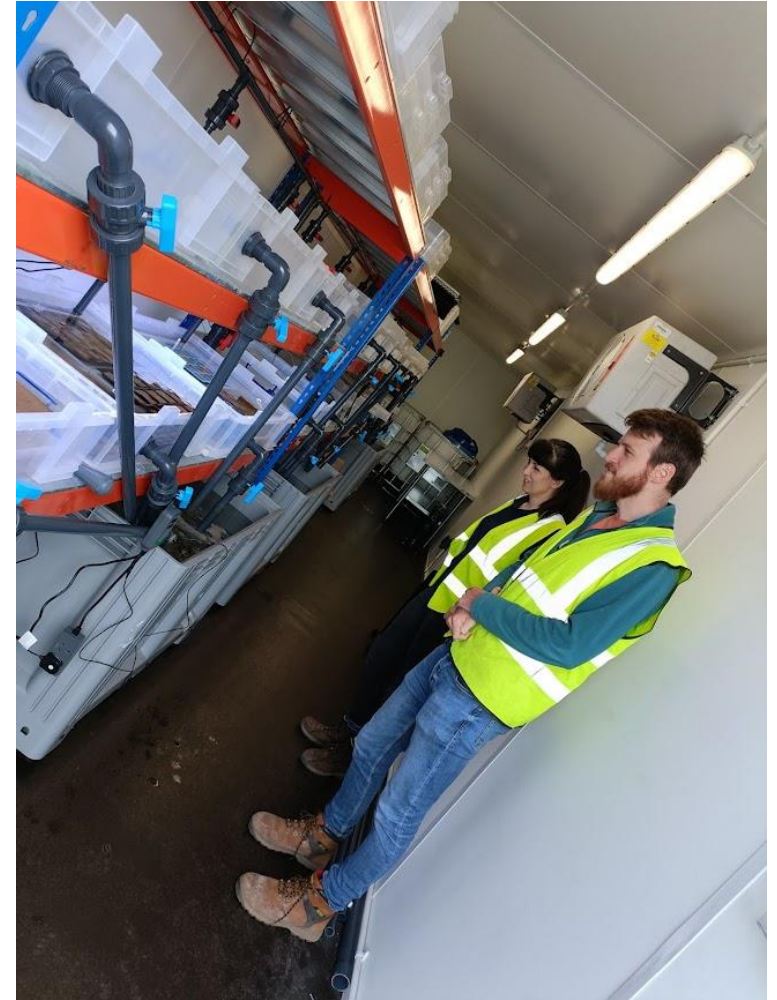
Improve understanding of the coastal protection qualities of marine habitats (seagrass, kelp, native oyster reefs) and their wider benefits to climate change, biodiversity, and society.





How?

- Apply innovative monitoring techniques
- Test new approaches to habitat restoration
- Quantify the costs and benefits & wider benefits
- Generate evidence and learning – in a UK context





Stronger Shores



KEY:

-  SEAGRASS MEADOWS
-  KELP FORESTS
-  OYSTER REEFS
-  MONITORING
-  LEARNING
-  RESTORATION





Who?



South Tyneside Council



Newcastle
University



The
Wildlife
Trusts



UNIVERSITY OF
PLYMOUTH

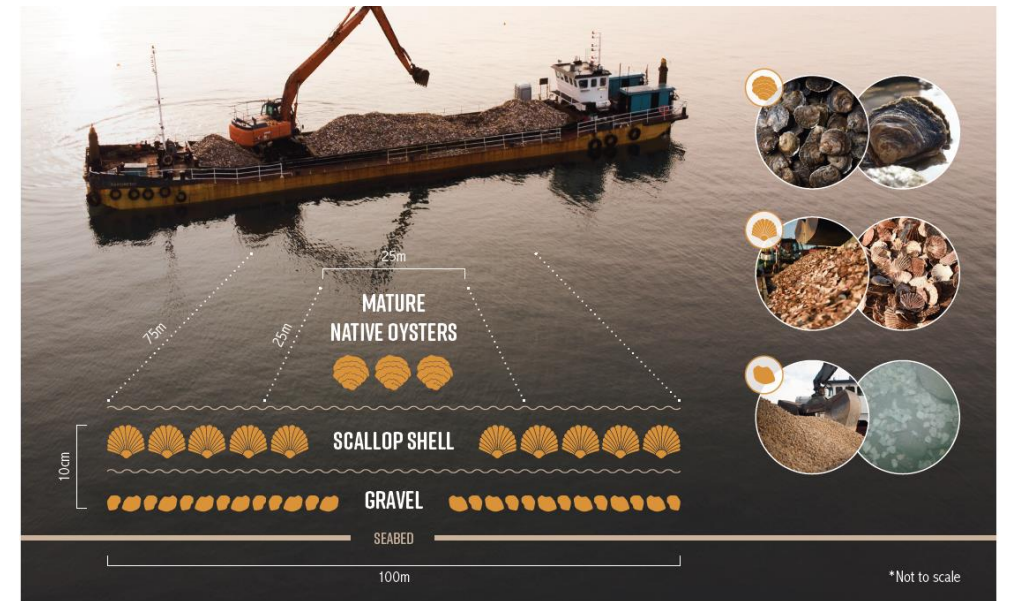




Restoration vs Rewilding



Oyster Reefs

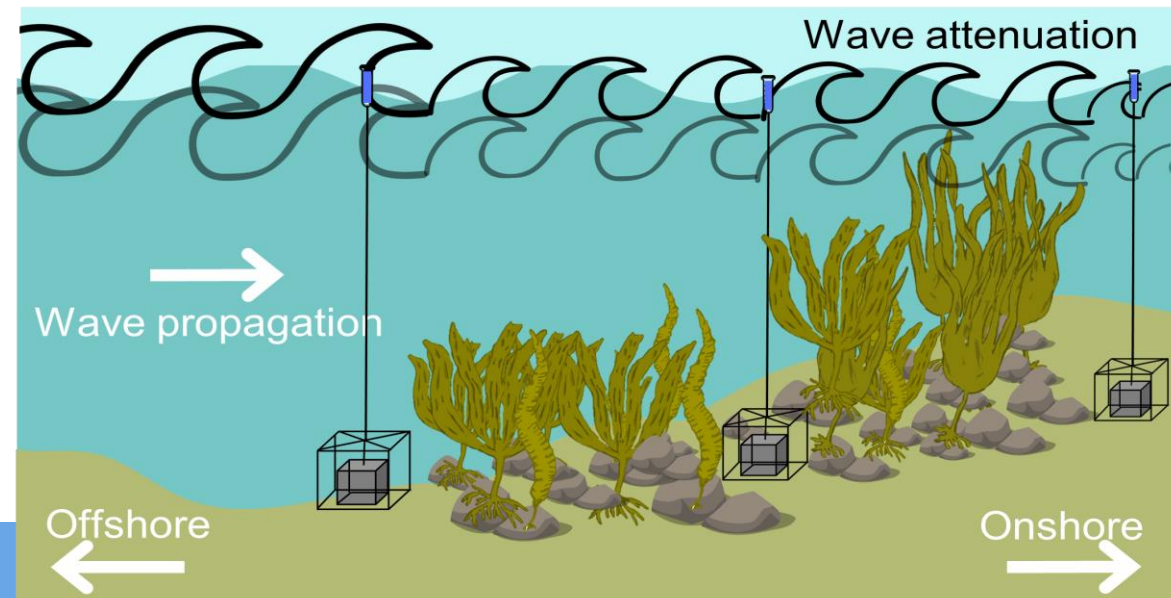
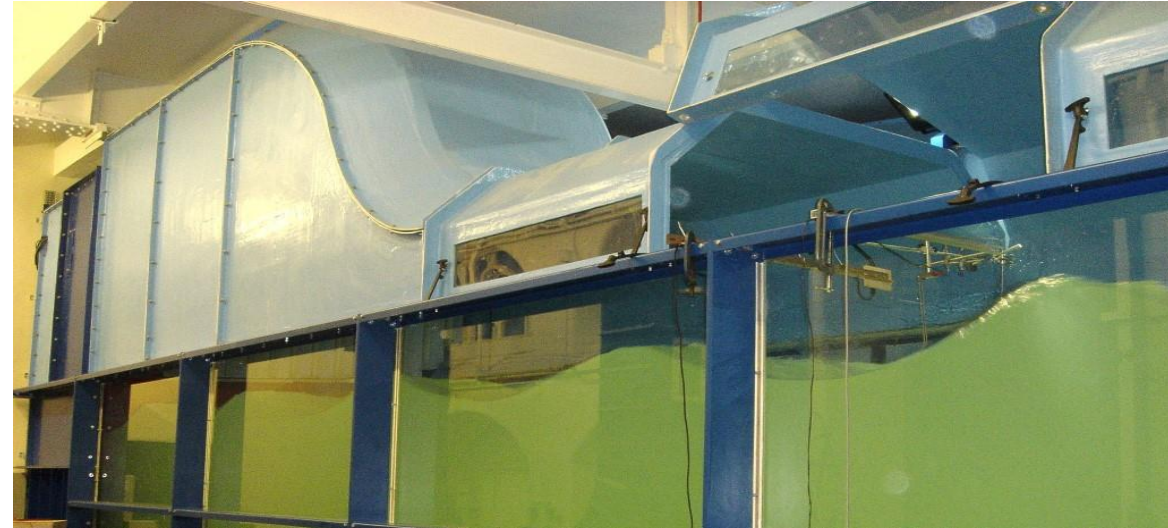
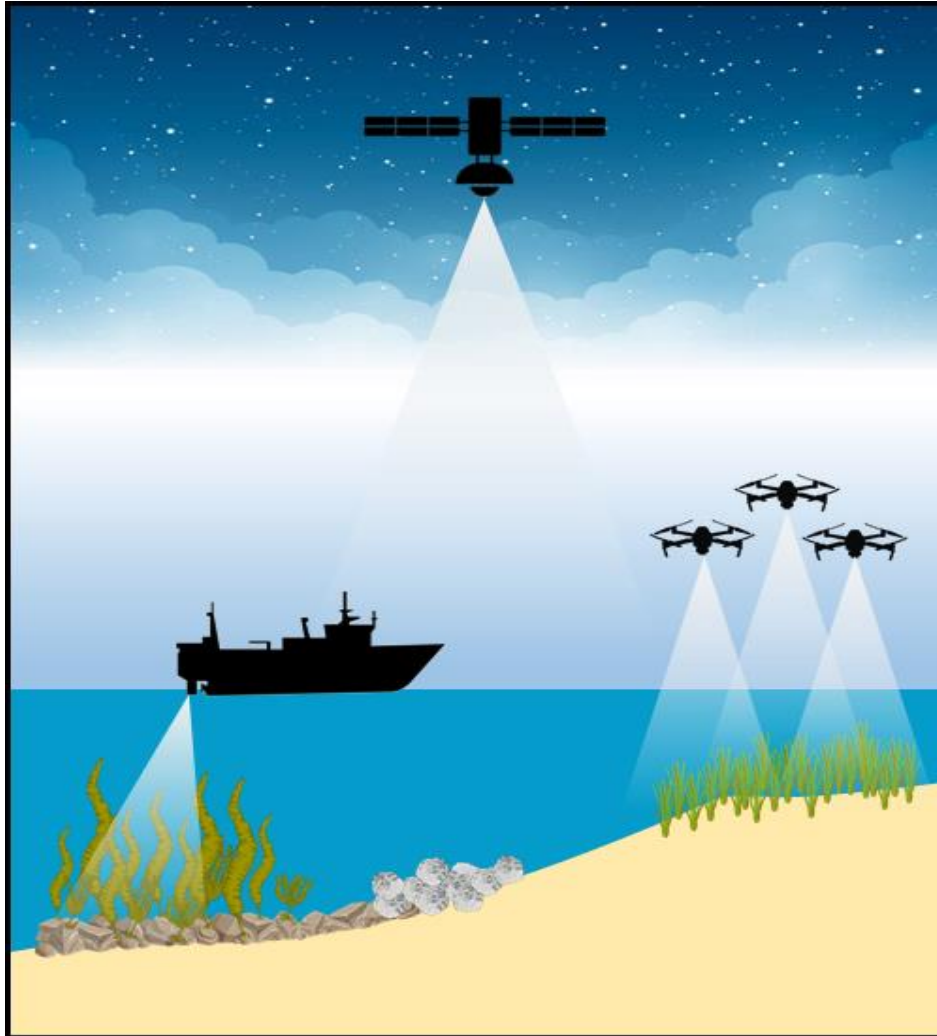


Seagrass Meadows



Kelp Forests



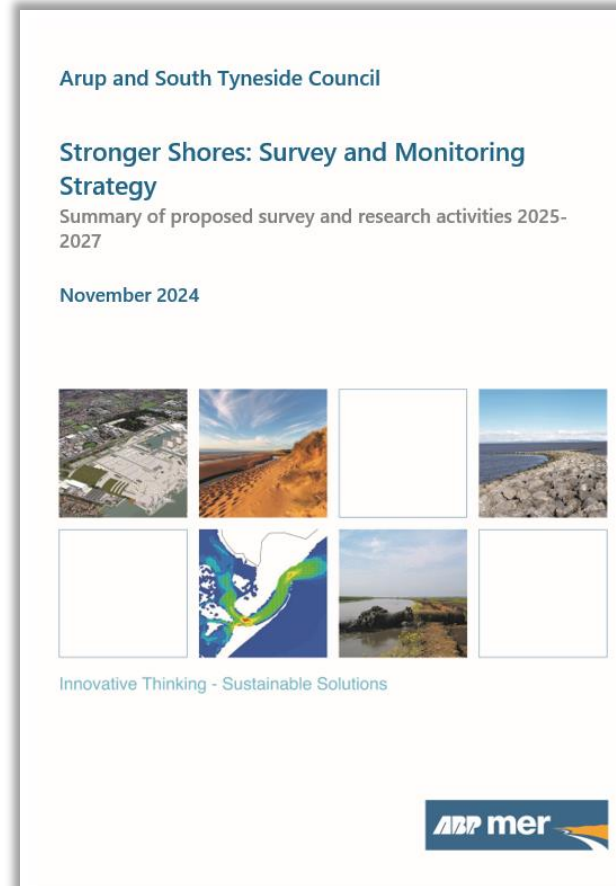




Survey and Monitoring Strategy



C. Richard Lilley Project Seagrass





Natural Capital Accounting

- Natural Capital Asset and Risk Register
- Natural Capital and Social Science Phd
- Social Value Impact Assessment



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PLYMOUTH





Stronger Shores, Stronger Together

Raise awareness about the value of protecting our marine habitats and to highlight the wide benefits the habitats can provide

Main stakeholder groups:

- Community members
- Decision Makers
- Businesses and Investors
- Researchers and Academics



COMMUNITY ENGAGEMENT

ENGAGED
WITH OVER

14,500
PEOPLE



4,000+
PEOPLE
PRESENTED TO.



3000+
conversations started
in 52 sessions using 5
innovative engagement
resources.



2700+
YOUNG PEOPLE
ENGAGED IN CLASSROOM
AND OUTDOOR-BASED
SESSIONS.



£56,000
awarded to 13 grassroots
community groups and
organisations.



270+
**ENGAGEMENT
SESSIONS**



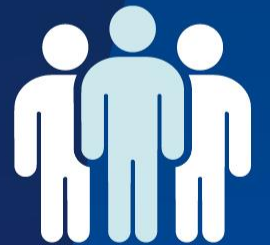
500+
PEOPLE CONNECTED TO
THEIR LOCAL COASTLINE
THROUGH ART.

6

**DELIVERY
PARTNERS:**

South Tyneside Council;
North Sea Wildlife Trusts; Wild
Oysters Project; Tees Rivers
Trust; Newcastle University;
University of Plymouth.

ENGAGED
WITH A
VARIETY OF
PEOPLE:
Community
Members;
Decision Makers;
Businesses and
Investors; and
Researchers and
Academics.



750+
pupils engaged using
our education packs.



**Stronger
Shores**



Bringing it all together - The Stronger Shores Toolkit



- **Practical** - meet the key needs of users
- **Adaptable** - ensure long-term value
- **Affordable** - low maintenance/running costs
- **Intuitive** - easy to navigate and use
- **Integrated** - complementary to wider resources



Restoring Today, Rewilding Tomorrow





Thank you for listening

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Department
for Environment
Food & Rural Affairs



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