
THE GROWTH OF NATURE & PLACE-BASED GREEN FINANCE

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the built and
natural
environment

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GREEN FINANCE FOR THE BUILT AND NATURAL ENVIRONMENT



GREEN FINANCE AS PART OF THE GREEN TRANSITION

Key drivers & enablers
for the UK's
accelerated climate &
nature transitions

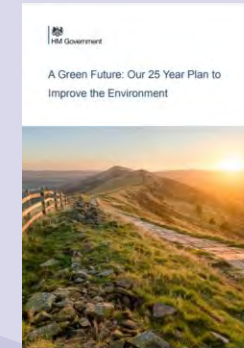
Private investment & blended finance

***The Green Finance Institute's coalitions are
working to identify address barriers &
catalyse markets e.g. stacking and bundling***

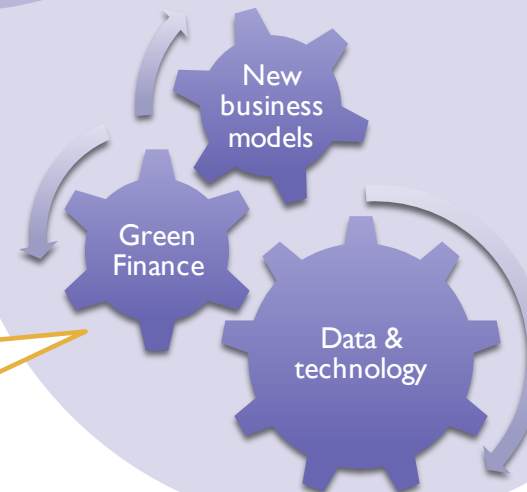
PEOPLE



POLICY



MARKETS & BUSINESSES



Protesters photo by [Callum Shaw](#) on [Unsplash](#)

WHAT IS GREEN FINANCE?

- Using the finance sector to help address key environmental and social challenges
- This has been primarily based around:
 - Climate Change Mitigation
 - Climate Change Adaptation
- **The UK's first Green Finance Strategy (2019)** distinguishes between Greening Finance and Financing Green

Total Investment (%)



■ Private Sector ■ Public Sector

GREEN FINANCE CAN BE LEVERAGED IN DIFFERENT DOMAINS

Accelar is working with local and combined authorities, infrastructure bodies, charities, businesses and the financial sector.

Energy Efficiency
Retrofit for
Buildings

Transport
Decarbonisation

Place-based approaches

Climate
Adaptation

Natural Capital
and Ecosystem
Services





NATURE GREEN FINANCE - THE BIG PICTURE





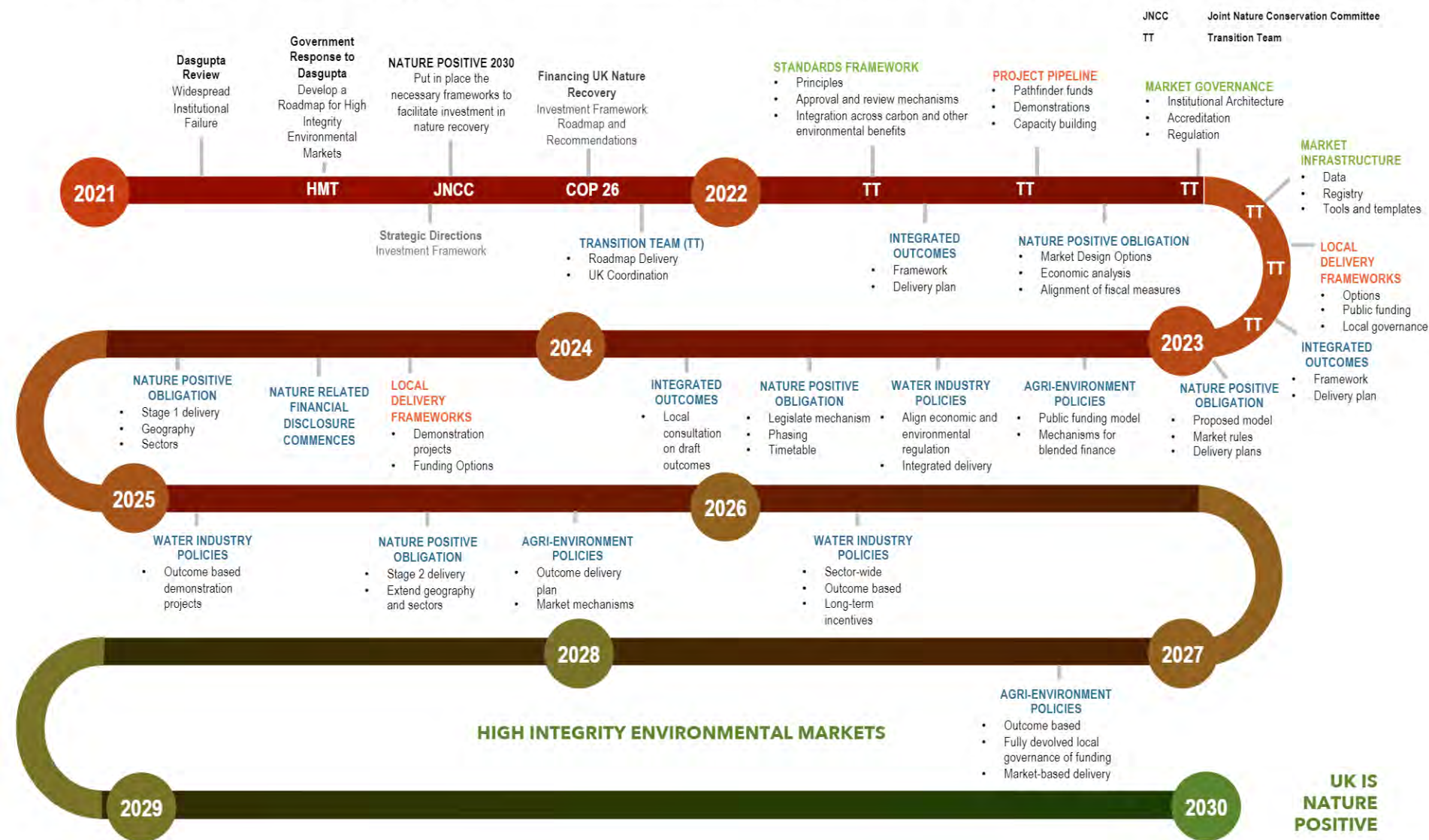
THERE IS A LARGE NATURE FINANCE GAP TO BRIDGE

- The finance gap for UK nature has been estimated at £44 to 97bn of investment above current public sector commitments over the next 10 years
- The largest gaps relate to:
 - England
 - climate mitigation (through bio-carbon)
 - the protection and/or restoration of biodiversity

(source: [Green Finance Institute/ Eftec](#),
[October 2021](#))

ROADMAP

FINANCING UK NATURE RECOVERY – PUTTING NATURE ONTO A SUSTAINABLE PATH IN 2021



THE NATURE FINANCE TRANSITION

Towards high integrity environmental markets by 2030

(source: [Financing Nature Recovery Coalition, draft, October 2021](#))

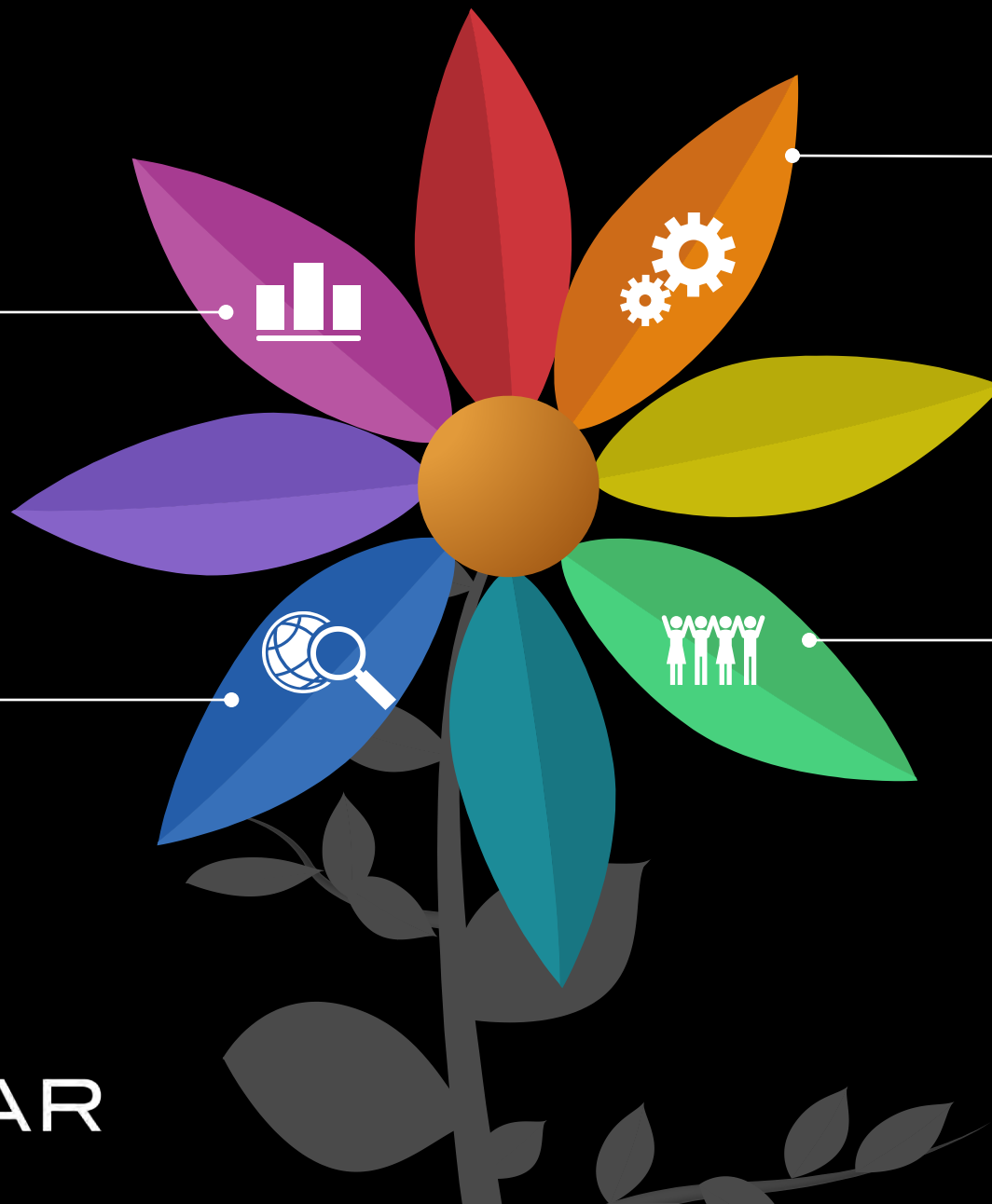
KEY TASKS TO GET NATURE GREEN FINANCE PROJECTS OFF THE GROUND

Appraising the value of revenue generating opportunities / ecosystem services; impact measurement & evaluation

Pinpointing and tailoring successful funding models based on the current state-of-the-art

Embedding revenue generation on an ongoing basis, alongside nature-based outcomes

Enabling and readiness funding: writing / reviewing proposals and collaborative grant funding applications



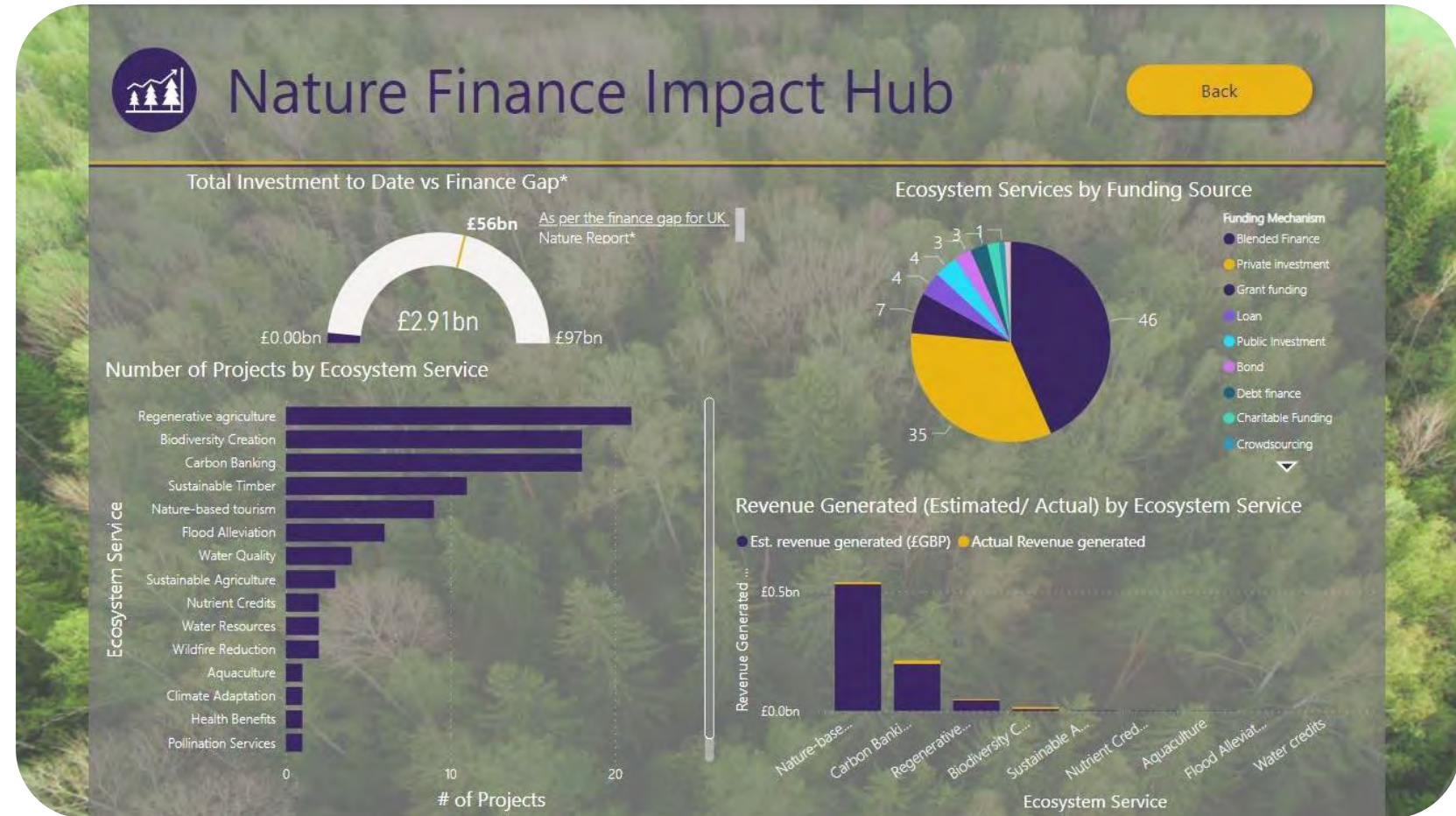
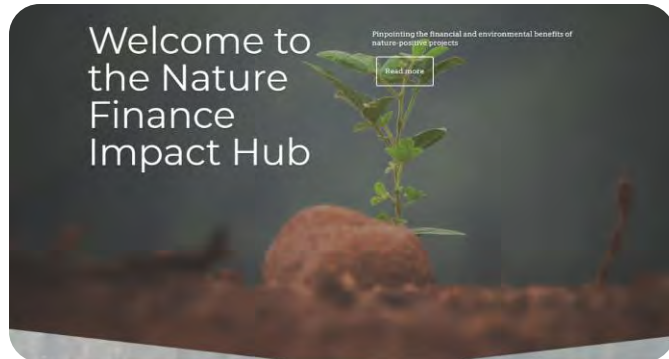


STATUS AND MARKET OUTLOOK FOR DIFFERENT ECOSYSTEM SERVICES



PINPOINTING THE FINANCIAL & ENVIRONMENTAL BENEFITS OF NATURE POSITIVE PROJECTS: THE NATURE FINANCE IMPACT HUB

accelerategreenfinance.com

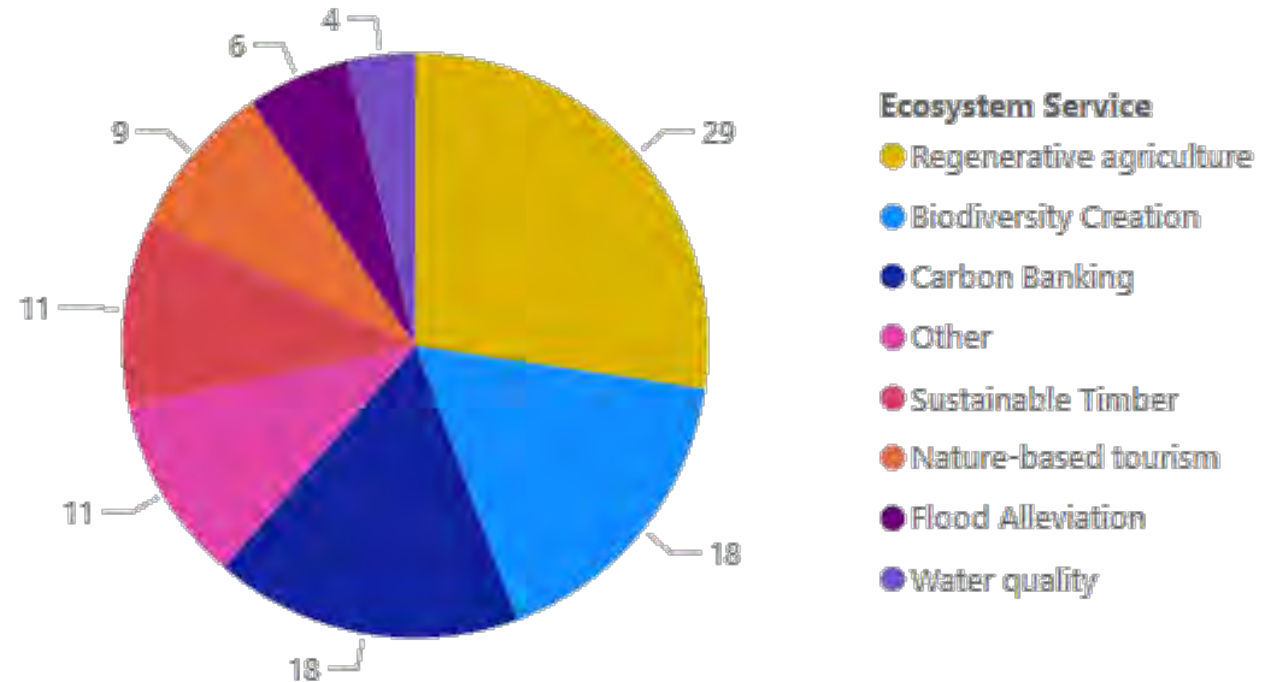


ECOSYSTEM SERVICES INSIGHTS



- Insights to be gained from 80+ nature positive projects, all with a green finance angle
- The hub has information on 15 ecosystem services, in 27 countries
- There are 18 projects in the UK, with 6 in the south of England
- **We've captured a total investment into these projects of £3 billion+, with 10 million tCO2e captured, and nearly 1 million hectares of land restored (aggregated figures across all projects)**

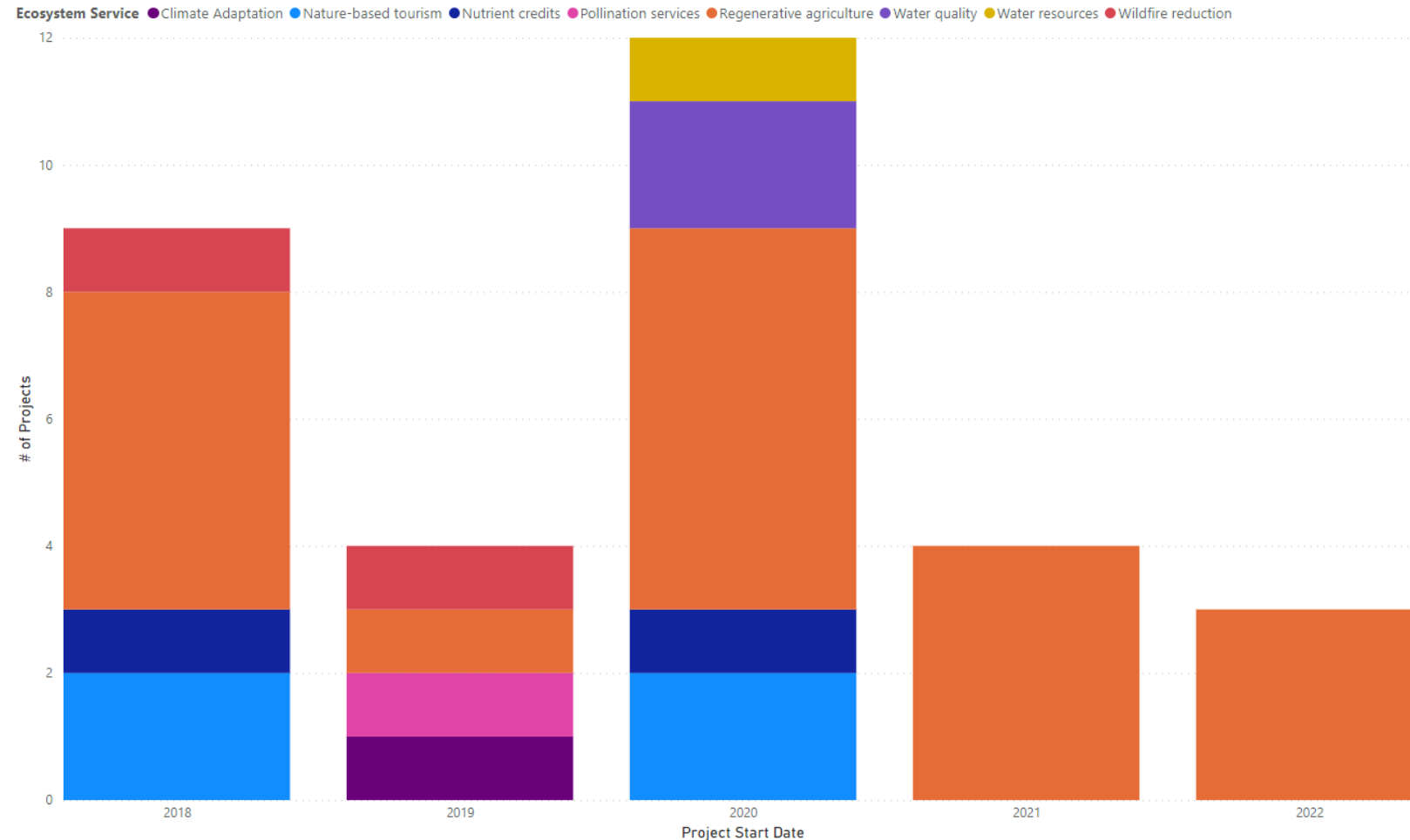
Projects by Ecosystem Service



NEW MARKETS (BEYOND CARBON & BIODIVERSITY)

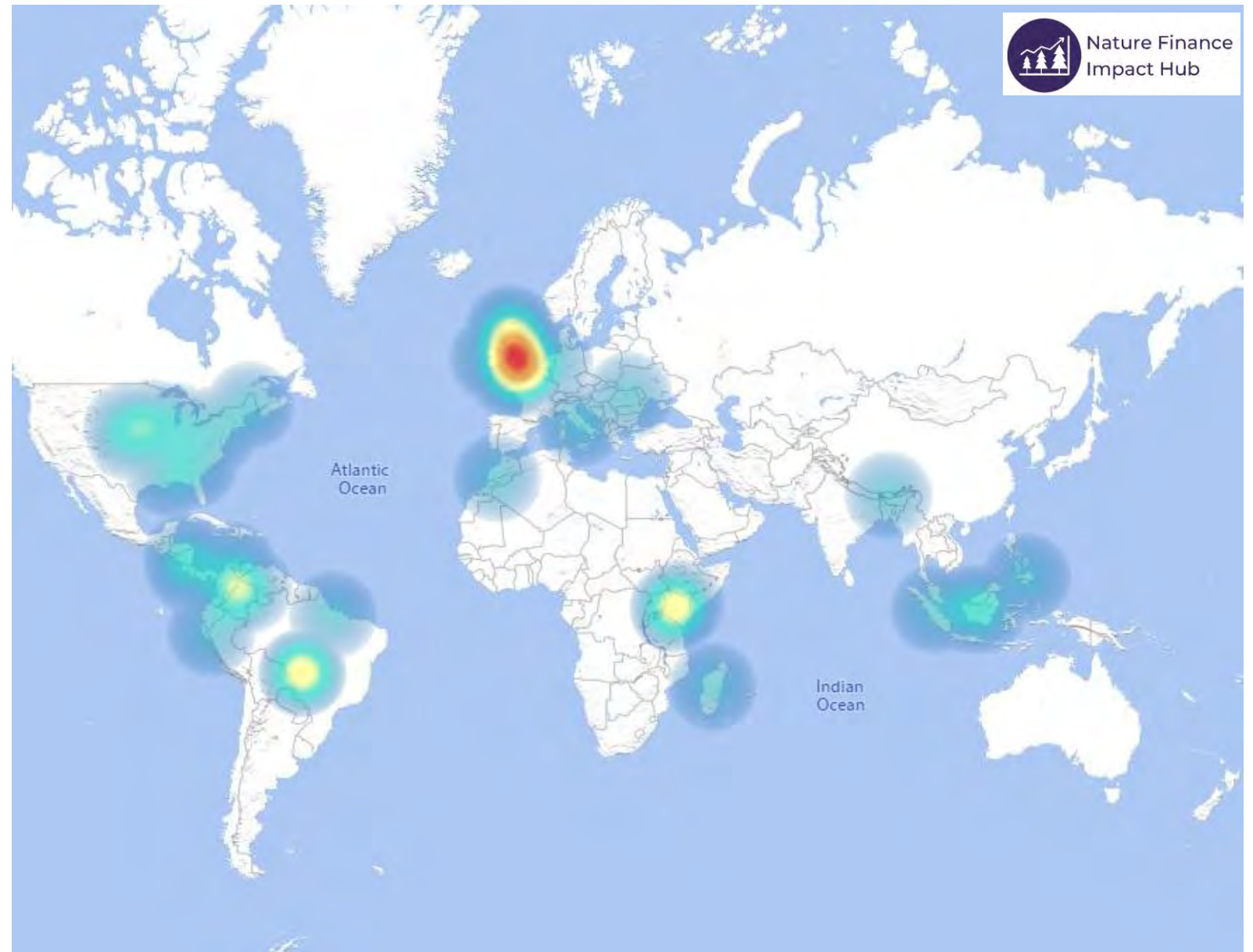


- The number of projects in new and emerging ecosystem services (outside of carbon and biodiversity net gain) is also gaining traction
- These ecosystem services have generated revenue of c.£230 million
- As well as generating **revenue, they've bought cost savings** of nearly £4.9 million
- Most have either been via blended finance mechanisms (15), or through private investment (11)



GLOBAL TRENDS IN SOME ECOSYSTEM SERVICES OF RELEVANCE TO THE GREEN HALO AREA

- This map identifies 5 ecosystem services: carbon banking, habitat banking, nature-based tourism, nutrient credits and regenerative agriculture
- In the last 2 years, 20 new projects began trading these ecosystem service
- Using this data, the industry has generated over £500 million in revenue, and has received a total of £2 billion of investment





Ecosystem Service

All

Country

All

Project Status

All

Project	Ecosystem Service	No. of visitors (annually)	Revenue Generated (Est/ Act)	Other Environmental Outcomes	Links (For more information)
Forest				providing high quality fisheries	
Devon Wildlife Trust/Triodos - Caen Wetlands Feasibility Project	Nature-based tourism		£500,000,000	Carbon sequestration; wetland habitat creation; increased biodiversity; flood alleviation	Link
Great Fen, Cambridgeshire	Regenerative agriculture		£0	Wetland habitat creation; carbon sequestration; increased biodiversity; reduced flood risk.	Link
Quintana Roo Reef Protection	Climate Adaptation		£0	Coral reef restoration and resilience	Link
Quantified Ventures - Bailey's Trail System	Nature-based tourism	181,000	£29,017,671	Increased connectedness to nature, increased environmental awareness, increased conservation and education opportunities.	Link
		291,350	£536,619,366		

Number of Visitors per project start date



Attracting over 181,000 visitors, resulting in higher wages, increased tax revenue, increased spending and new jobs in the region. Investor repayment will be tied to the economic development outcomes produced from the influx of new visitors to the Baileys Trail System. (Payment for success model)



Nature Finance
Impact Hub

accelerategreenfinance.com

The hub is live:



Register
and use it



Submit
your projects



Partner with us
to develop it



CASE STUDIES OF TRAILBLAZING NATURE FINANCE PROJECTS



NEW FOREST NPA NEIRF PROJECT



Pioneering new approaches to nature restoration and climate resilience: NEIRF

Investment Models for Nature Restoration in the New Forest National Park

Green Halo Conference, December 2022



What new approaches are we trialling?

- We formed a partnership with global impact consultancy Palladium through the Revere partnership to investigate the potential for private funding for nature restoration in the National Park.
- The partnership was awarded £100,000 from the Natural Environment Investment Readiness Fund (NEIRF) to run a pilot project to design and test a commercial model for restoring nature.
- It ran from September 2021 to September 2022.
- Three landowners took part: Barker-Mill Estate, Cadland Estate, and Forestry England.



REVERE

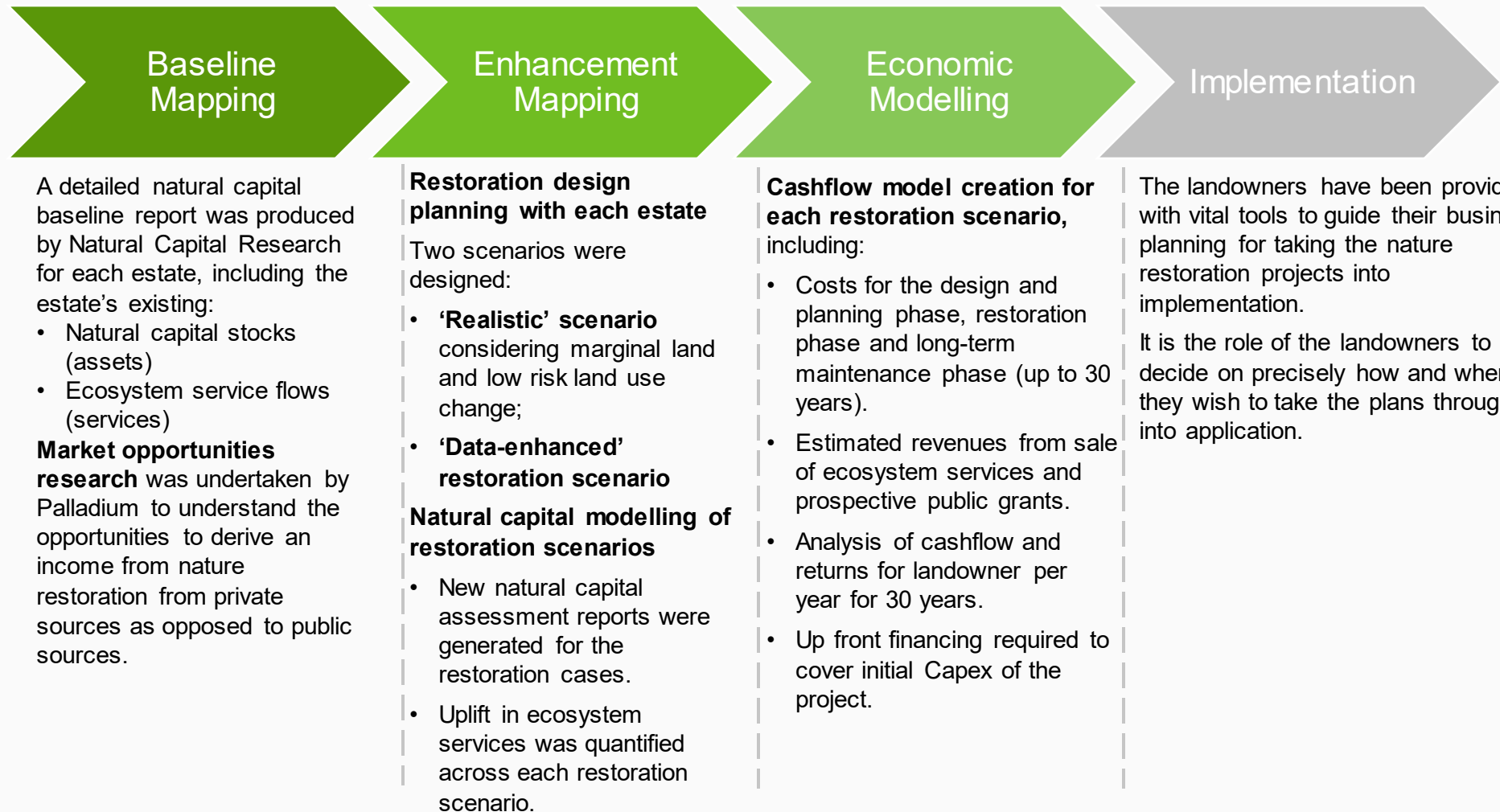


Trial objectives

- Design nature restoration and land use change options with each estate participating in the trial
- Identify a range of ecosystem service revenue streams and explore opportunities to combine these in practice, to make nature restoration financially viable using private sources of funding.
- Design and test commercial models that calculate restoration costs, revenues from private finance opportunities, cashflows for projects, and landowner returns
- Create a replicable and scalable concept to enable delivery across the National Park.



Trial process



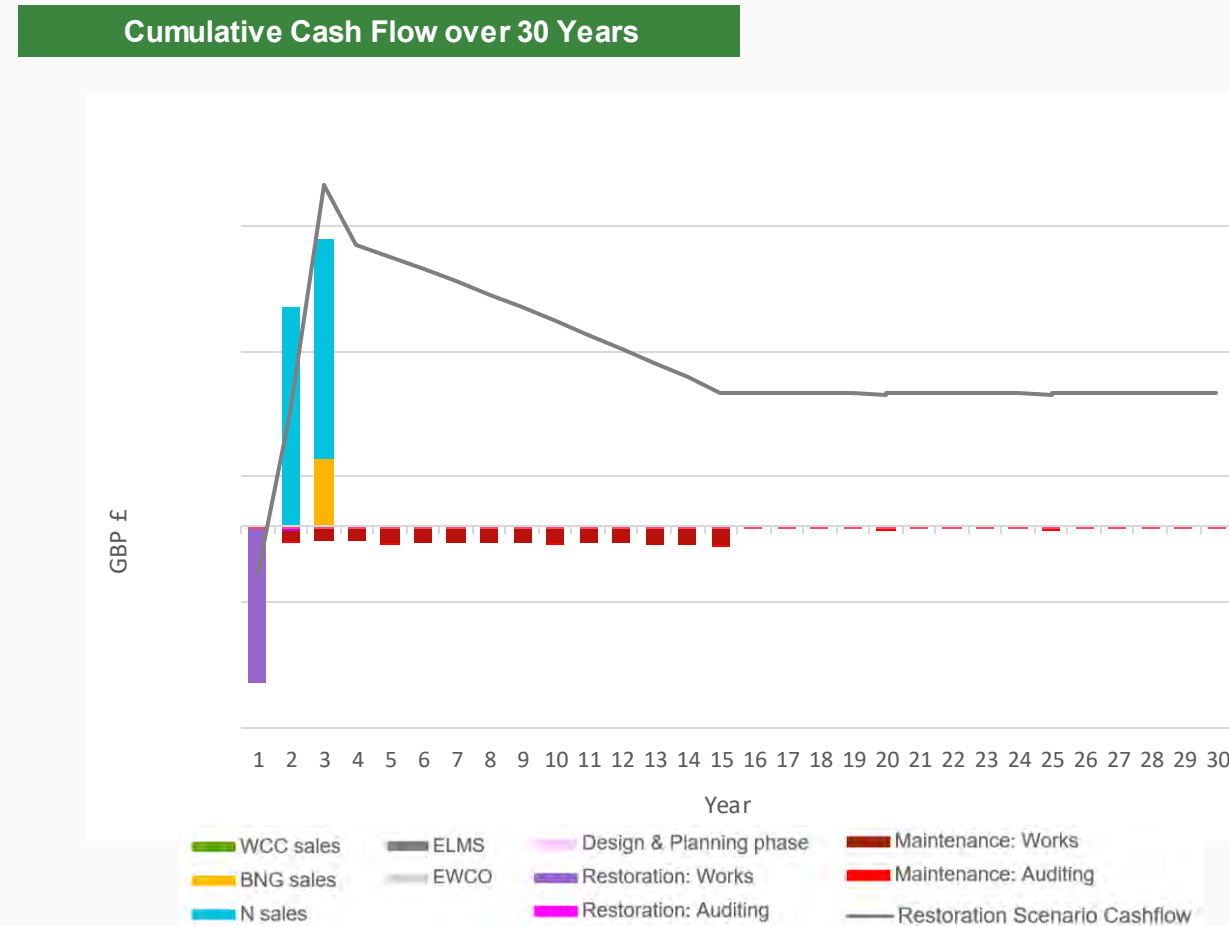


What has the trial revealed (1/3)?

- Opportunities to restore nature and create bigger, better, more joined-up habitats were identified across the landholdings. These included creating woodland, wetland, heath, hedgerows and meadows.

A vertical photograph capturing a serene landscape scene. In the foreground, a brown horse with a white blaze on its face is grazing on a field of vibrant purple heather. The middle ground shows a misty, hazy landscape with silhouettes of trees and a body of water. The sky is a mix of soft pinks, oranges, and blues, suggesting a sunrise or sunset. The overall mood is peaceful and atmospheric.

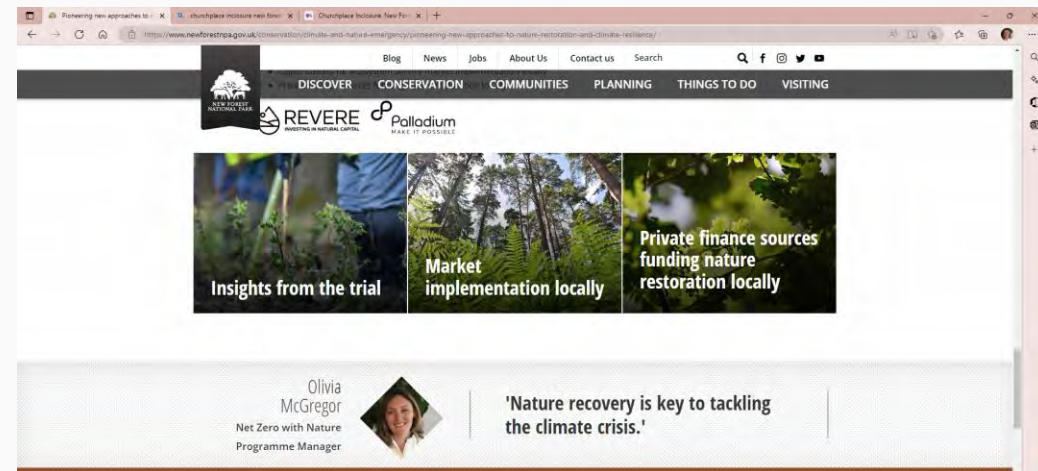
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What has the trial revealed (3/3)?

- The trial has created a wealth of information on the state of the ecosystem services market in the New Forest National Park. It resulted in a set of market insights, information on each of the ecosystem services markets available in the National Park and the opportunities they present to landowners.



Pioneering new approaches to nature restoration and climate resilience - New Forest National Park Authority (newforestnpa.gov.uk)



FARMING FOR CARBON & NATURE: STUDENTS ORGANISING SUSTAINABILITY UK

- Supported by the Natural Environment Investment Readiness Fund (round 2)
- Creating & refining a new model for the UK university sector to leverage its extensive agricultural estate plus student science capabilities to generate soil carbon, biodiversity & other sellable benefits at scale



UNLOCKING GREEN FINANCE: CHILTERN AONB

- Exploration to unlock green finance for various ecosystem services, building on a range of innovative programmes:
 - Water: River Chess Smart Water Catchment
 - People: Inspiring access amongst diverse local communities (Chalkscapes project)
 - Heritage: Beacons of the past, iron age hillforts

QUESTIONS & DISCUSSION

To follow up on anything
discussed & to explore how
we can collaborate please
contact Chris Fry

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www.accelar.co.uk

- net zero carbon
- climate resilience
- natural capital
- green finance
- circular economy



Helping to accelerate the green transition