





What are the Governments priorities?



Secretary of State for the Environment, Food and Rural Affairs Steve Reed has unveiled 5 core priorities for his department:

- 1. To clean up rivers, lakes and seas
- 2. To create a roadmap to move Britain to a zero waste economy
- 3. To boost food security
- 4. To ensure nature's recovery
- 5. To protect communities from the dangers of flooding



The Rt Hon Steve Reed is the Labour MP for Streatham and Croydon North

The Big Picture – Stress / Sea levels rising

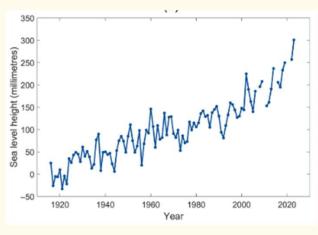


Water is fundamental

- √ Food Production
- √ Biodiversity
- √ Flood Risk Management
- √ Climate Resilience

Climate change is amplifying risks

- × Too much water
- × Too little water
- × Too polluted water
- > Time to act is now



State of UK Climate Report 2023 - Mean sea level rise

Who are Natural England



Established by an Act of Parliament in 2006

- The Governments 'Science & Evidence' based advisor for the Natural Environment in England
- Vision: "Thriving Nature for People and Planet"
- Our Values:
 - √ Ambitious
 - ✓ Inclusive
 - ✓ Collaborative
 - ✓ Act with Integrity
- Our Mission: "Building partnerships for Natures Recovery"
- Our Purpose: To Conserve, Enhance and Manage the Natural Environment for the benefit of **Present and Future Generations**.

| Resilient Landscapes and Seas | Sustainable Development |
|-------------------------------------|----------------------------|
| Greener | Connecting |
| Farming and | People with |
| Fisheries | Nature |

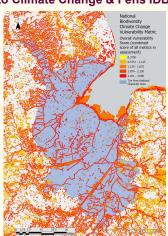
Strategic Programmes

Climate Change Impacts on IDBs:

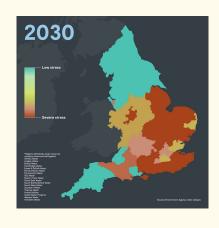


- ➤ IDBs are on the frontline of climate change and so are our water dependent habitats
- Wetlands, coastal and upland habitats are most vulnerable to climate change
- ➤ Yet these are the very habitats **we hope** will buffer society from the floods and drought

Vulnerability of Priority Habitats to Climate Change & Fens IDBs



Water Stress and IDBs



The Urgency for Fens and Farmers



Fens - A critical Agricultural Hub

- > 5000 Km² & 50% of Grade 1 land
- > 75% of veg East Anglian Fens

The Fens are on the frontline

- > Sea level rise / drought / flood
- > 370,000Ha of Agricultural land
- > 400,000 people

Fens 2100+ future proofing plan

- > 100 year plan
- > Shaping future Gov capital funding



Source: EA - Views of the flooding surrounding the A1101 at Welney.

Sir Jon Cunliffe Review: An integrated approach



A High Level Taskforce driving reform

- ➤ Leading experts Chaired by Sir Jon Cunliffe
- > Holistic and Strategic decision making

Call for Evidence

- ➤ Feb 2025 Stakeholder engagement
- > Regulatory reform / responsibility / investment

Long Term reform for water use

- > Recommendations later in 2025
- > Setting foundations for change in water sector

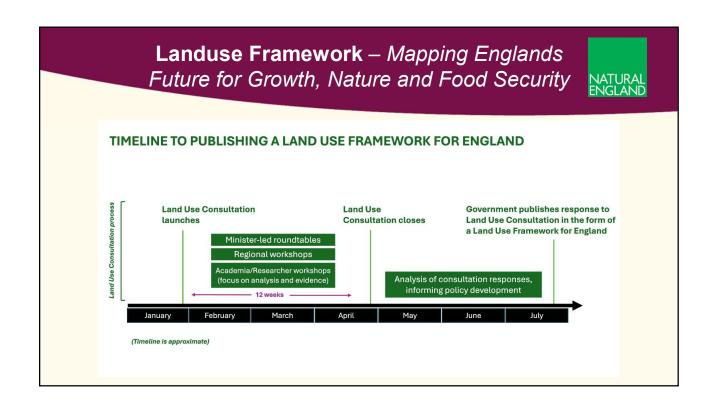
From: Independent Water Commission

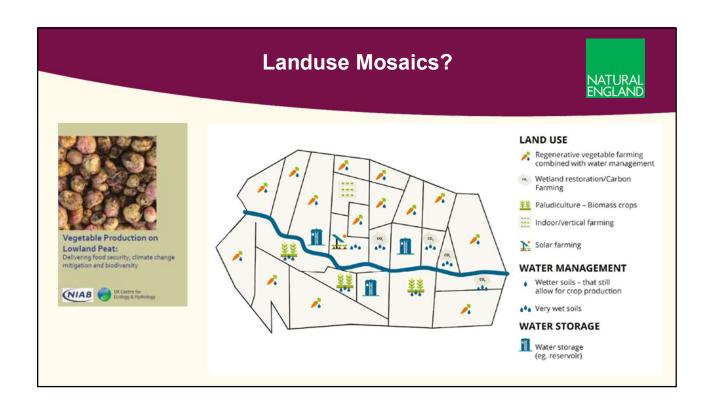
Published 28 January 2025

Last updated 28 January 2025 — See all updates









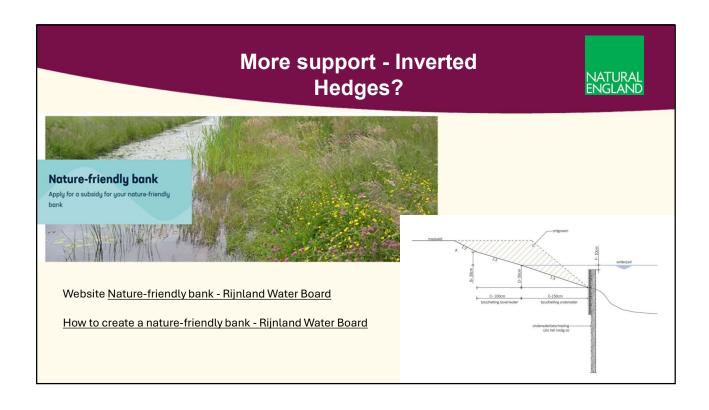
Environmental Land Management – drivers for change?



Increased payment rates and new options....

- Creating and managing three-dimensional buffer strips to afford increased protection to buffer natural waterbodies and drainage networks £1,182/Ha
- Managing grassland for increased flood and drought resilience benefits £938/ha
- Managing features (e.g. swales, bunds, infiltration ponds) for flood and drought resilience on arable land £1241/Ha
- Enhancing floodplain floodwater storage £366/Ha
- Raised water level on cropped or arable land on peat soils £1409/Ha
- Raised water levels on grassland on peat soils £1381/ha





Where we can work together... Landscape Recovery • 56 projects in development covering 250K ha e.g Somerset Levels and Ouse Washes • Drainage Authorities are actively engaged in Round 1 and 2 projects – for example at Leven Carrs, Beverley and North Holderness IDB • LR provides an opportunity to develop a vision and plan for multiple objectives over large area (funded for 2 years) • 20+ years implementation funding Nature Recovery projects • 12 so far with a further 13 expected to be identified – Somerset Coast Levels and Moors – The Lost Wetlands – Cheshire to Lancashire

Ouse Washes Landscape Recovery



IDBs will play a key role in informing project development

- Great Ouse; Cambridgeshire and Norfolk
- **Defra funding** for 2-year Project Development Phase to create financially viable business cases for Defra to support 20 year implementation phase
- Over a 4000ha landscape with farmers and NGOs including 2500ha agricultural land
- · Exemplar farmer-led sites to deliver for the public good
- Climate resilient land use in the fens, showcasing new approaches to the integration of food production, biodiversity and water resource use.
- Private investment in ecosystem services to maximise the benefits of public investment
- · Significantly reduced carbon emissions

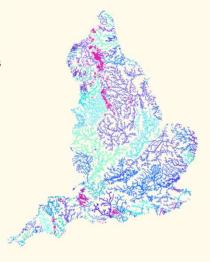




ADA and IDB's - Pivotal to nature recovery



- Supply and management of water is critical to nature recovery
- Water level management is key to net zero peat soils
- IDB's have a huge reach and **engagement** with land managers
- · As the engineers and water managers on the ground
- Having the ability to broker and facilitate solutions across holdings
- > The IDB's and ADA are **key partners** for Natural England.



Working together to deliver more – The art of the possible – New Zealand



Rangitata South - New Zealand

- > 700ac pond
- > Filled 3 times/year
- ➤ Collaboration 20 farmers
- ➤ Water 33,000 acs

Thank you for listening.

