



Working with Producers and Landlords

AHDB Pork Event – Swaffham 1/07/19











Ed Bramham-Jones Norfolk Rivers Trust Head of Farming and Water









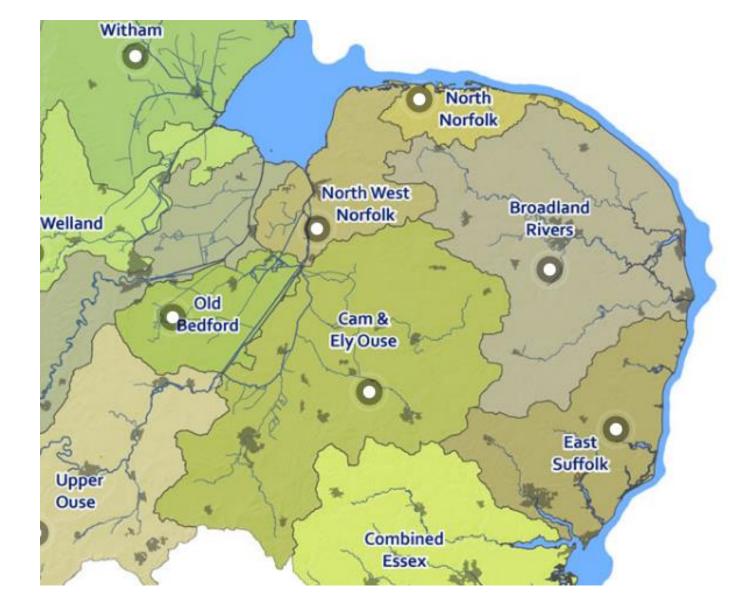
Offering trusted and confidential farm advice in the Broadland, Cam and Ely Ouse (CamEO), North Norfolk and North West Norfolk catchments

- Focus is on Soil and Water management to improve the water environment
- Using flexible approach with range of different tools as every farm is different
- Bespoke grants and solutions to improve farm businesses and the water environment
- Promoting agri-environment schemes and partner initiatives.
- Funding through WWF and Coca Cola Freshwater's Partnership, Tesco, Asda and the Courtauld 2025 Initiative





Collaboration between organisations at a water catchment level to maximise the natural value of the environment



East Anglia's Rare and Special Chalk Streams



- 58 Chalk Streams are found in East Anglia around a quarter of the world's total amount
- Fed from the Chalk aquifer, delivering clear and clean water
- Key corridors for wildlife and people
- Play a key role in flood management, water quality and quantity, drinking water, biodiversity, communities, leisure

Localised flooding and diffuse pollution

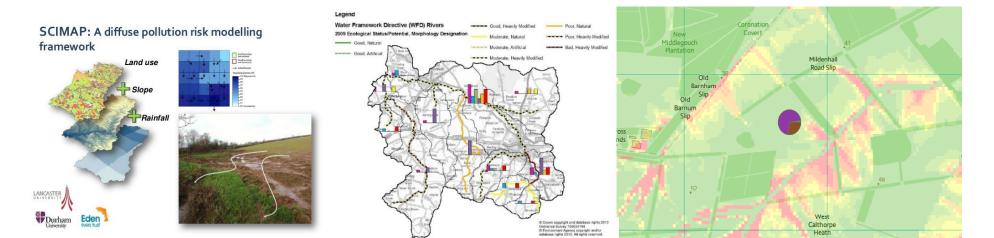
Broadland Catchment Partnership

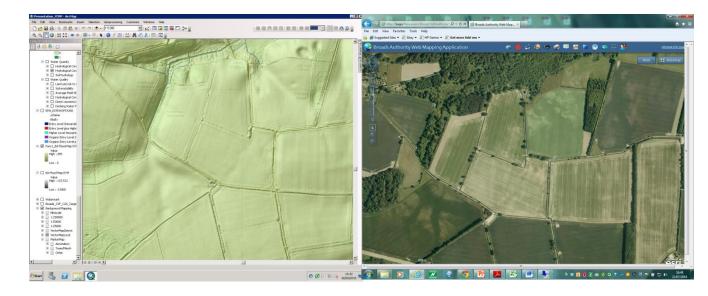




Using innovation and mapping to focus priority areas









Examples of Silt Trap Interventions









Wayland Farms – Grass Ley after Maize





20% Strong Creeping Red Fescue, 15% Intermediate Perennial Ryegrass (T),28%, Late Perennial Ryegrass, 37% Late Perennial Ryegrass (T)



Producer and Landlord working together Wayland Farms







LSB Pigs – Working with the Rotation



- AB15 Two Year Sown Legume Fallow
- Stewardship and EFA Catch Crops and Cover Crops options
- Enhanced Buffers next to Stewardship providing extra habitat
- Cattle in the rotation Haylage and Silage a possibility



Soil Health and Management

- Improving Infiltration
- Increasing Water Holding Capacity
- Green Covers
- Reducing Trafficking and Cultivations







CamEO



Engagement with different sectors and the community



Knowledge Exchange, Specialist one to one visits and Training Events for landowners, farmers, land agents and the wider community have led to positive discussions



Courtauld Commitment 2025



Cutting the "cost" of food and drink. An ambitious voluntary agreement bringing together organisations across the food system to make food & drink production and **consumption more sustainable.**

A ten-year commitment to identify priorities, develop solutions and implement changes to cut the carbon, water and waste associated with food & drink by at least one-fifth in 10 years.

The Water Ambition aims to achieve the following by 2025:

- 1. Business signatories are monitoring water use in their own operations and have improved efficiency.
- 2. Business signatories are participating in collective action to improve the quality and availability of water in key sourcing areas.

the umbrella body of the rivers trust movement

where there's water, there's life

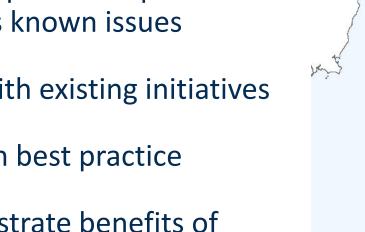






The Projects : selection criteria

- Stressed & vulnerable catchments
- Key sourcing areas
- Mature partnerships able to address known issues
- Align with existing initiatives
- Build on best practice
- Demonstrate benefits of collective action







Broadland Rivers and Cam and Ely Ouse (CamEO) catchments Courtauld 2025 Attendees





Courtauld Actions 2025

- Form a pilot long-term rotation integration across sectors and suppliers. This will be based on shared objectives such as enhancing soil health, alongside short-term needs to grow crops.
- Provide training opportunities for retailer procurement teams and directors through farm site visits.
- Investigate ways in which we can reach out and engage with landlords about the pitfalls of short-term tenancies, and how engagement between the landlord and tenant can be increased.
- Publish risk and opportunity maps for Broadland and CamEO catchments (on respective websites). This will help identify risk areas and support farm business and infrastructure plans.
- Provide best practice advice for agri-students, agronomists, land agents, landlords and contractors.



Enhancing Buffers



• Where you have a buffer or resource protection strip, adding Wildflowers or birdfood will provide multi benefits to many species













Lots of potential benefits from shading for pigs, breaking pathways of runoff, taking up nutrients and providing habitat and soil improvements



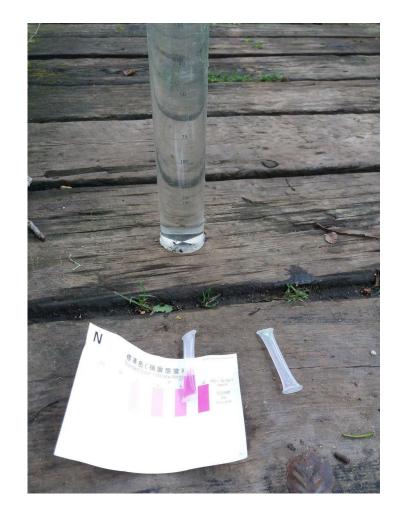
Monitoring and Evaluation

- Soil Mineral Nitrogen Testing
- Worm Counts and Soil VESS
- Organic Matter Testing
- Infiltration Tests

Broadland

Catchment

- Water Quality Testing
- Walkovers and local knowledge
- Farm Biodiversity





Grant Options Available



- Silt Traps, Wetlands, Cross drains and moving High Risk Gateways
- Cover Crop and Grass ley Trials
- Undersowing Maize Trials Before Pigs
- Fencing off Watercourses
- Planting Trees and Hedges for Water Quality











Opportunities available this year

- Free Visits and Grants Options
- Engagement with Landlords/Land Agents/Agronomists
- Courtauld 2025 work with mixed rotations
- Working with the AD sector to look at grass in the rotation
- Creating Case Studies
- ELMS Trials and engagement with Defra







Thank you

Any Questions?

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