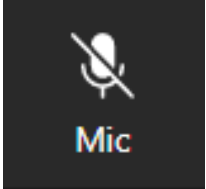




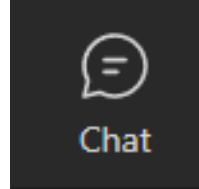
Environmental Destination Insights Webinar

25 June 2026

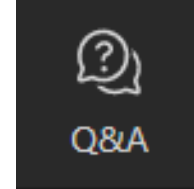
Housekeeping



Video and microphones set to 'off' for the webinar



Please use
Teams Chat
for technical
issues/general
comments only



Please use
Teams Q&A
function for
questions



The session is being recorded.
Slides and recording
will be shared after
the meeting



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Please put your membership number in the chat

ED Webinar – Agenda

12:00	Welcome	Teresa Meadows, WRE
12:05	Environmental destination update - ED guidance - ED modelling and decision making - ED engagement and links - ED technical investigations	Jo Ledger and Becky Stanley, Anglian Water and Teresa Meadows, WRE
12:30	Catchment dashboard demonstration and feedback	Katerina Laing, WRE
12:40	Water resource planning 'Big questions'	Ben Fitzsimons, WRE
12:50	Q & A	All
13:00	Close	

Environmental Destination



"The Environmental Destination for Water Resources identifies where, and by how much, water abstraction needs to change to achieve and maintain a healthy water environment, both now and in the future."

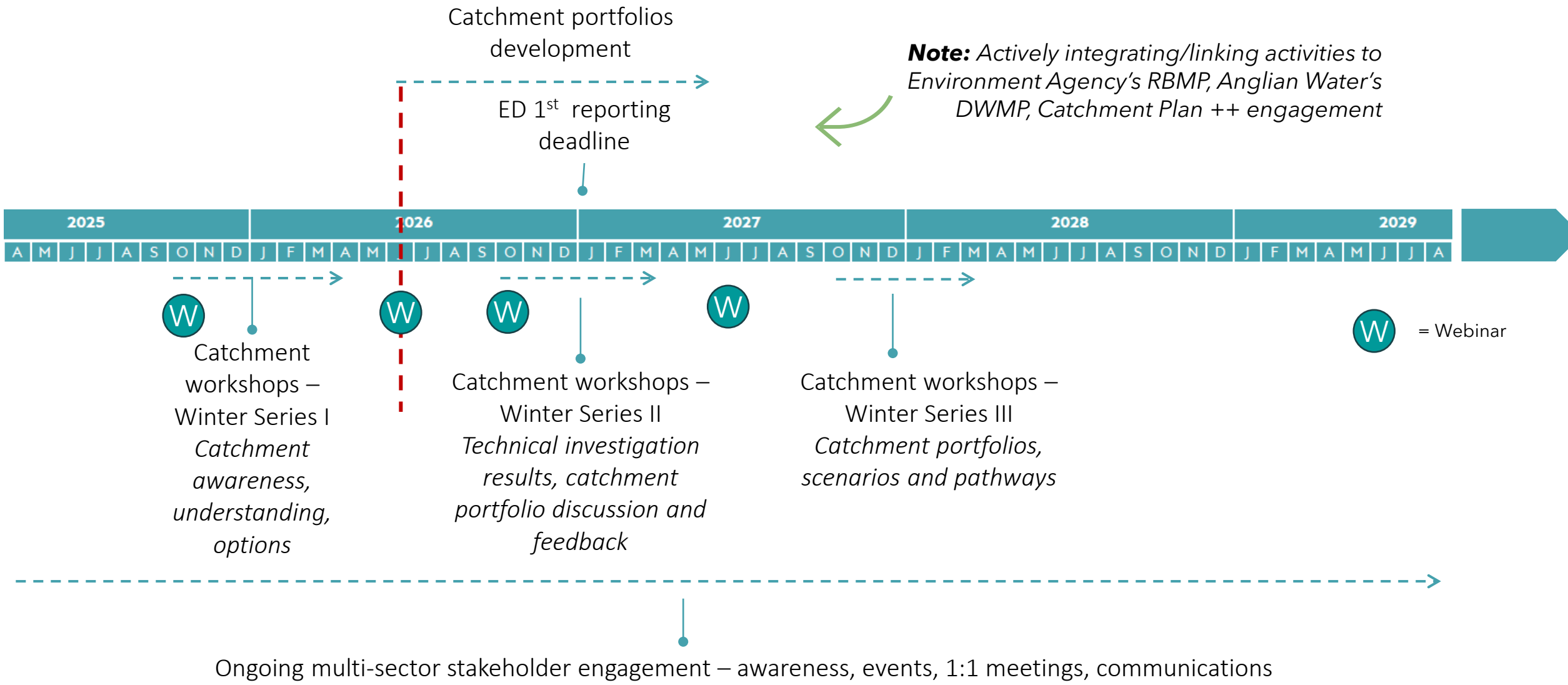
Poll





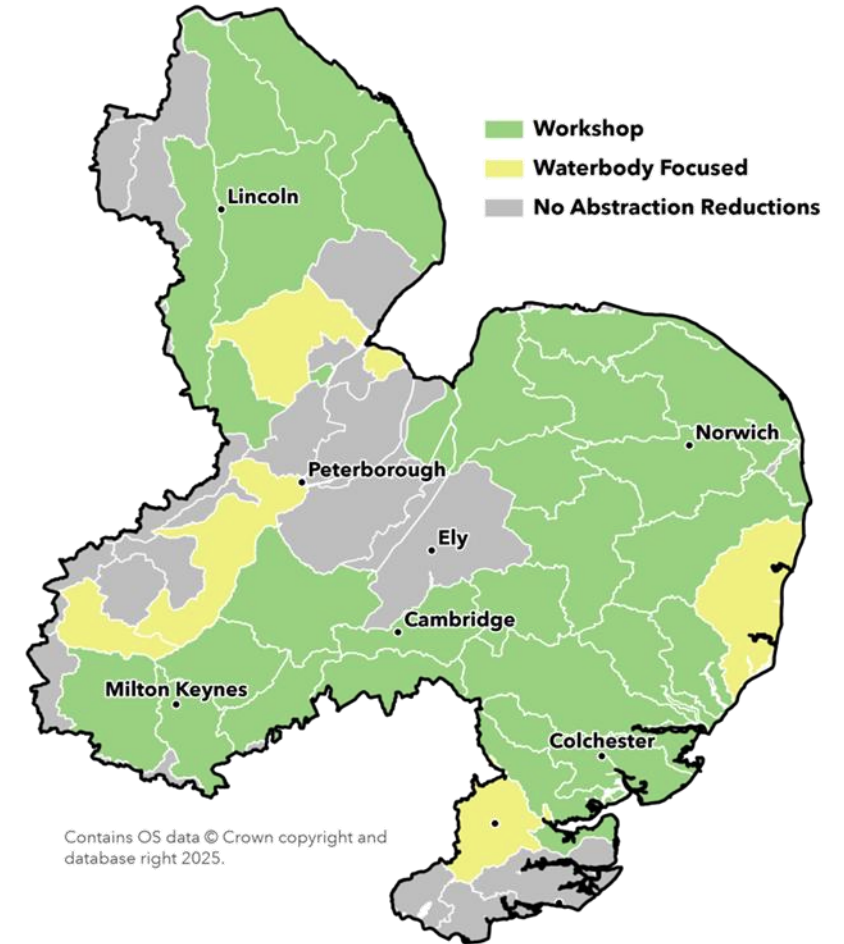
Environmental Destination Update

Stakeholder engagement timeline



Catchment workshops and engagement

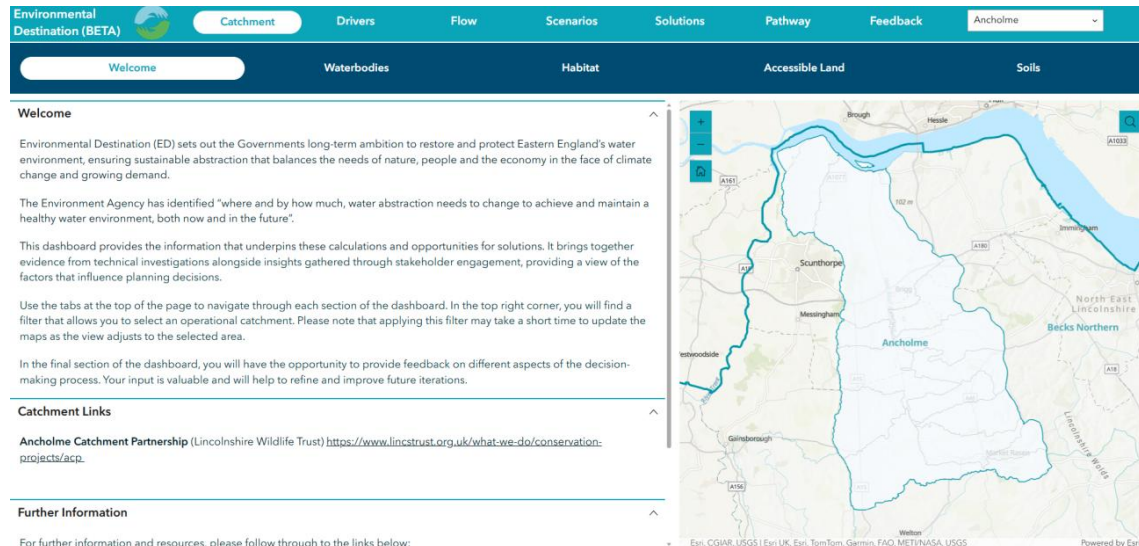
- **14 catchment workshops held** (November 2025 – March 2026):
 - ✓ Water resources and environmental destination focussed, as part of integrated water management
 - ✓ In-person and online
 - ✓ Operational catchment, management catchment and partner level
 - ✓ General awareness
 - ✓ All workshops held in partnership with local partners, e.g. Catchment Partnerships, Water Abstractor Groups
 - ✓ Over **475 stakeholders** attended from across all sectors
- 4 additional waterbody workshops held (May – June 2026)
- Engagement with stakeholders – 1:1 meetings, Water Abstractor Groups, Catchment Partnership presentations



Catchment workshops: Learnings

- Over **1000 pieces of knowledge** collected, including over **350 solution** ideas
- Translate into:
 - Details to share back with stakeholders
 - Details to form catchment portfolios

STAKEHOLDER FEEDBACK



Q. Please share ways that you think WRE can help with environmental destination understanding, planning and action?



Environmental Destination Technical Investigations

Work completed to support our understanding of:

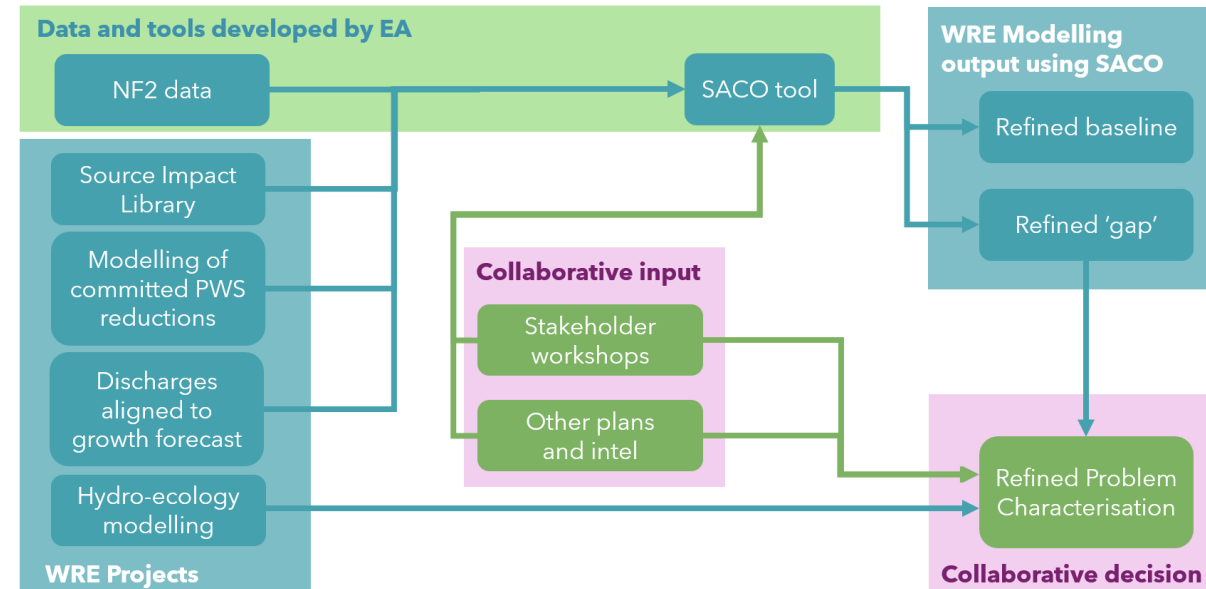
- Abstraction impacts on waterbodies
- Pressures on ecology in waterbodies
- Where monitoring evidence needs improvement
- Prioritisation following the EA Guidance Appendix

Ongoing work to:

- Input committed public water supply reductions
- Align water company discharges
- Run the SACO tool

Next steps:

- Engagement for next steps of monitoring
- Further hydro-ecological modelling
- Ongoing work with the EA on assumptions in the Regional Groundwater models



Environmental Destination Planning

**Improving information
ahead of planning**

1. Improve environmental destination scenarios with better local evidence.
2. Understand for the full range of future water needs for the environment,
3. Develop a more diverse and innovative range of approaches to achieve the full range of future needs

**Planning For
Environmentally
Sustainable Abstraction**

**(Developing an ED
Plan)**

4. Create a reference pathway to understand the fastest technically feasible timeline to meet 2050 current regulatory requirements and Full 2050 scenarios
5. Develop alternative ED planning scenarios that reflect local priorities
6. Develop alternative planning pathways that meet your range of ED planning scenarios

**Presenting ED as part of
WRMPs and Regional
Plans**

7. Develop a best value comparison of each environmental destination scenario and pathway
8. Explain ED information in your plan to stakeholders, regulators and government
9. Review consultation responses and finalise your plan

Significant benefits

Best evidence underpinning
collective understanding of the
problem and range of solutions

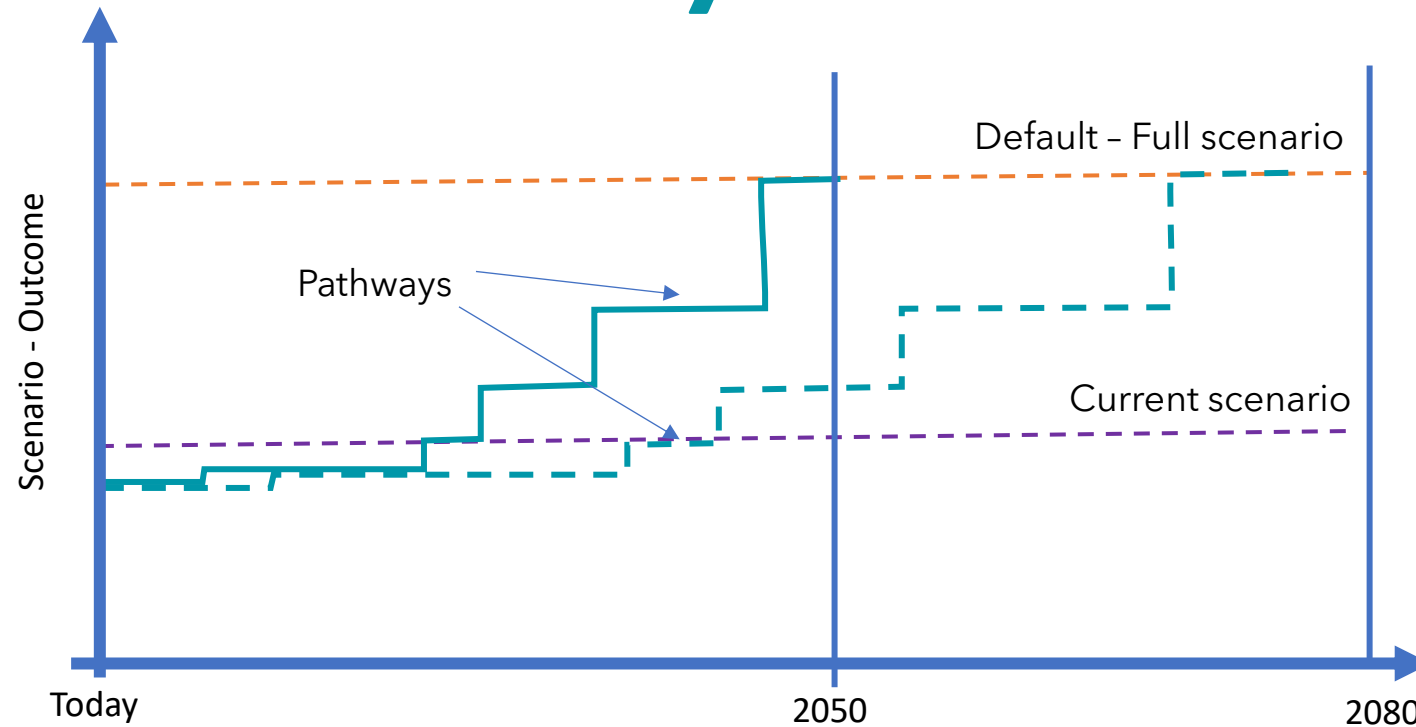
Understand what high
environmental ambition means
and compare alternative
pathways to get there

Present investment choices
to Government/SoS on
integrated environmental and
water supply requirements

ED Scenarios and Pathways

Scale of the problem / target

- How much water needed in the environment
- Includes impact of climate change



How to close the gap

- How much abstractors need to reduce
- Which abstractors
- What options are needed alongside abstraction reductions to offset impacts

When and where to close the gap

- Consider time to adapt and deliver alternatives
- Prioritisation - from ED investigations and stakeholder feedback

Developing Alternative Scenarios

Change the outcome

Change the baseline

ED investigations

Water Recycling Centre discharges

Committed Public Water Supply reductions and other interventions

Stakeholder engagement

Licences that are no longer used and could be revoked

Change the objective for waterbody inclusion in scenario

Flow impact confirmed by Hydrology Ecology modelling

Source Impact Library which shows which sources having impact on protected features (e.g. SSSI, wetlands)

Flow impact confirmed by stakeholders

Change the classification of how sensitive ecology is to flow within a waterbody

Flow impact confirmed by Hydrology Ecology modelling

Classification of headwaters

Classification of Chalk streams

Developing Alternative Pathways

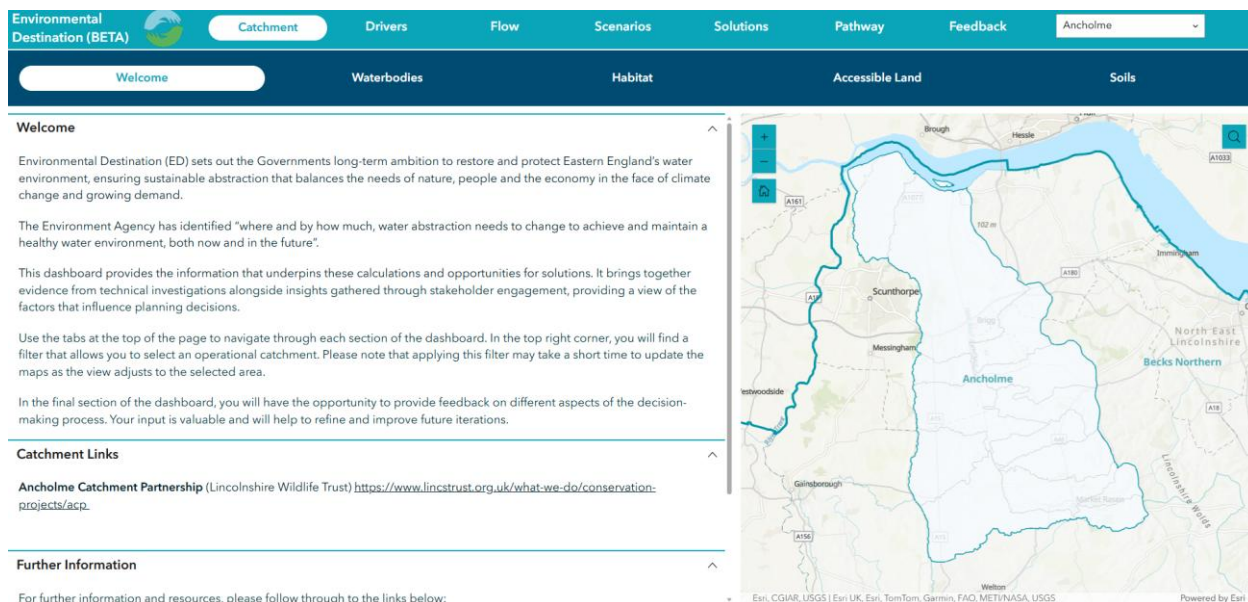
	Change	ED investigations	Stakeholder engagement
Change the how	Certainty of problem – make sure have correct solutions to tackle problem	Flow or water quality impact confirmed by hydro-ecology modelling	Flow or water quality impact confirmed by stakeholders
	Which sectors and which abstractions? – who is having the most impact/would provide the biggest benefit	Source Impact Library which shows which sources having impact on protected features (e.g. SSSI, wetlands)	How easy to adapt – types of solutions Impacts of not adapting
	Certainty – confidence of type of problem (less certain maybe more investigation required)	Flow impact confirmed by hydro-ecology modelling	Flow or water quality impact confirmed by stakeholders
Change the when	Certainty – confidence of timing of problem	Do changes to future abstraction or discharges reduce future impacts?	Other planned solutions which may mitigate impacts
	Prioritisation – where do we want to address first	Prioritisation metrics	Prioritisation of chalk streams/ headwaters (links to protect/enhance/create from workshops)
	Unintended consequences	Infiltration and groundwater flooding	Flood risk areas



Catchment dashboard demonstration and feedback

Katerina Laing

Environmental Destination Dashboard (BETA)

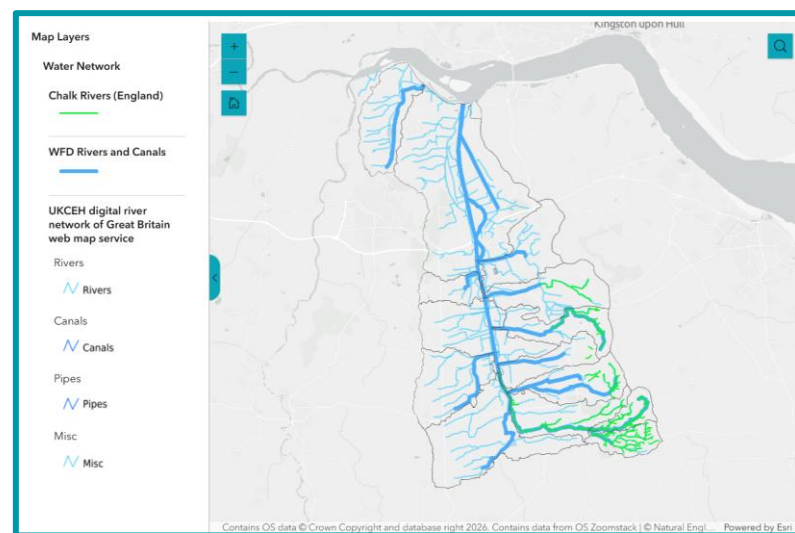


This dashboard has been designed to support informed decision-making for Environmental Destination. It brings together evidence from technical investigations alongside insights gathered through stakeholder engagement.

The dashboard is at operational catchment level.

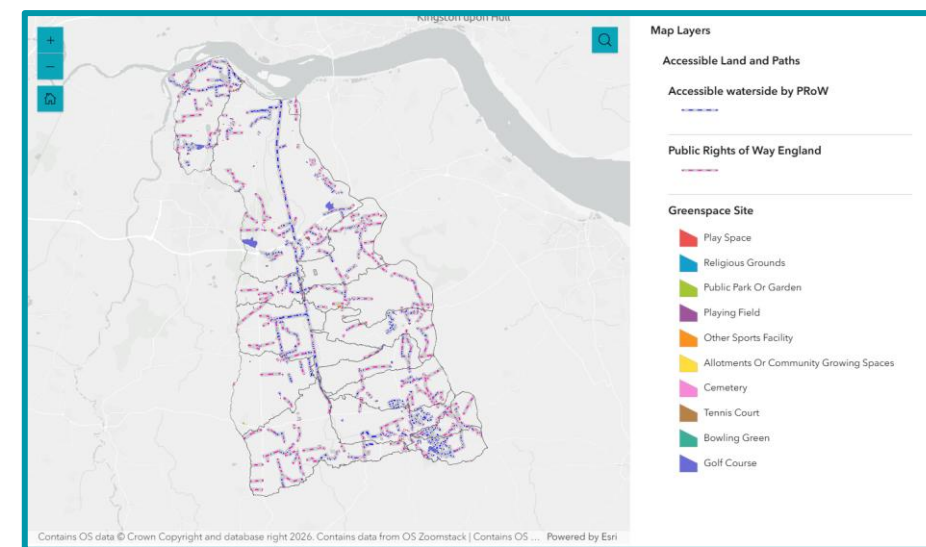
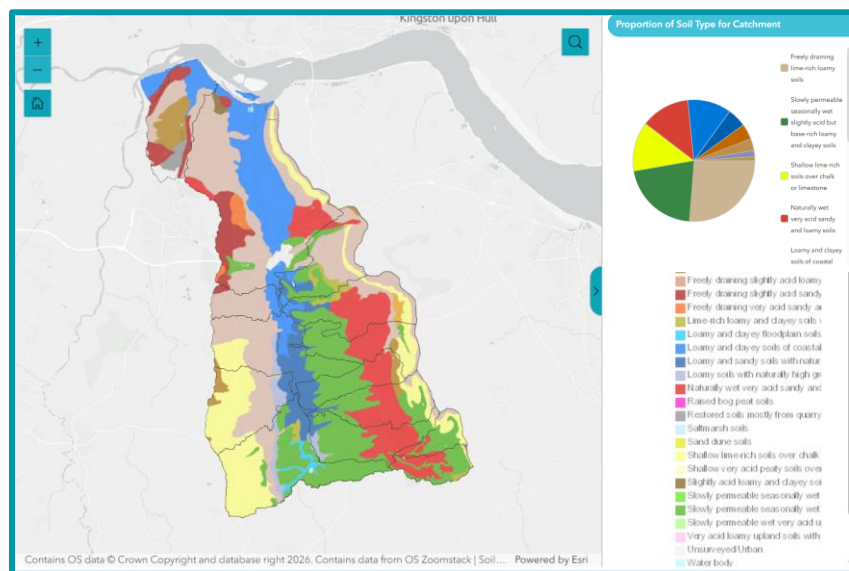
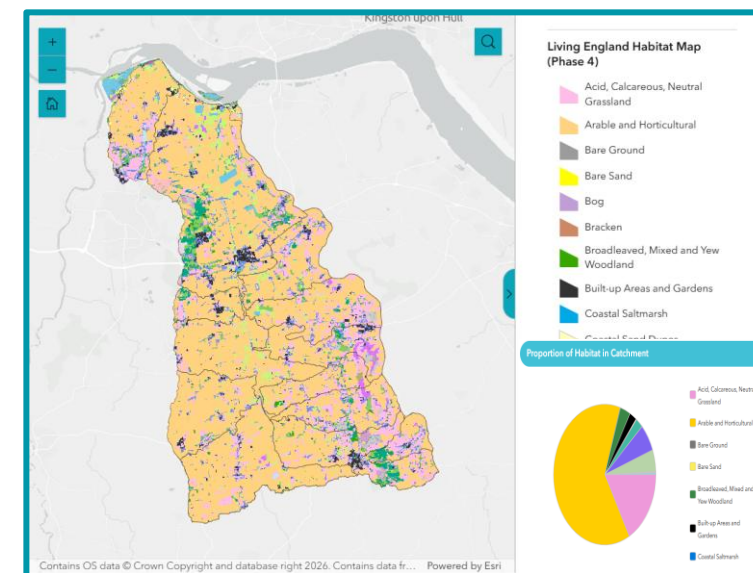
Aiming for official soon, once data permissions have been finalised.

It will be continually updated as we receive more information.



The first tab is the **Catchment** Tab looks at a summary of the catchment landscape including:

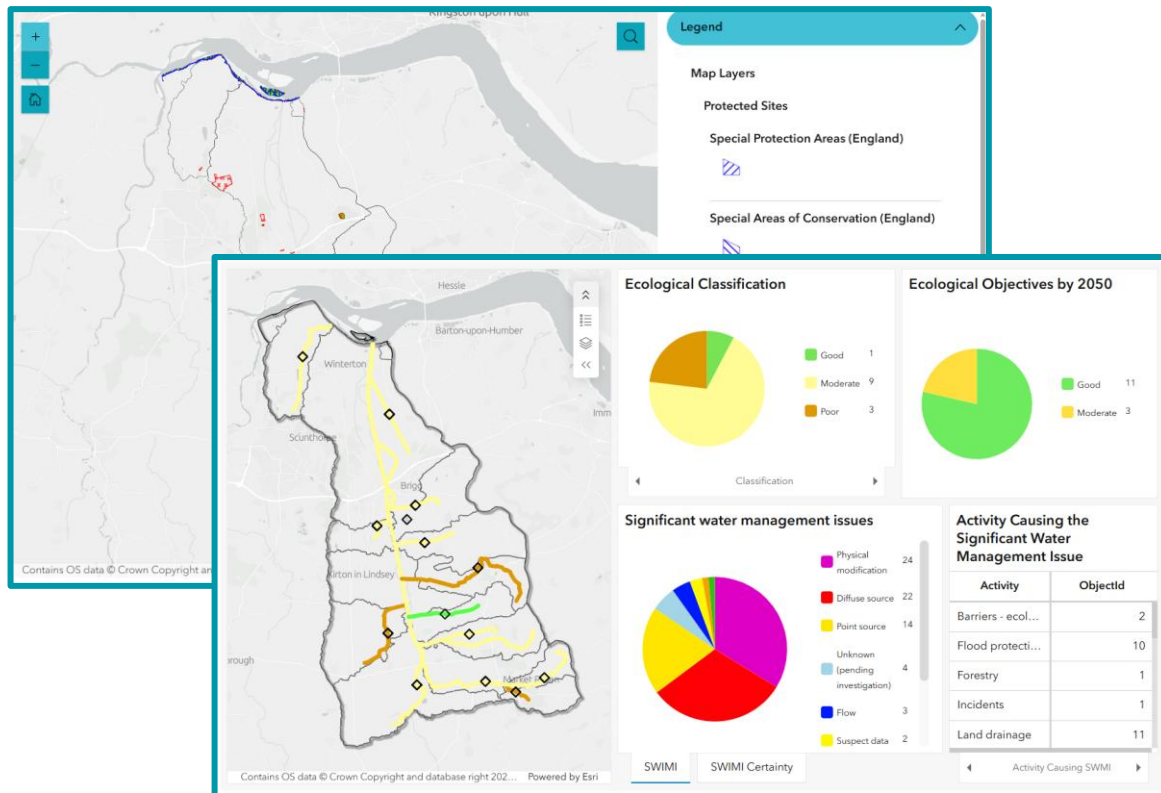
- Waterbodies
- Habitat and Priority Habitat
- Accessible land and PROW
- Soil type





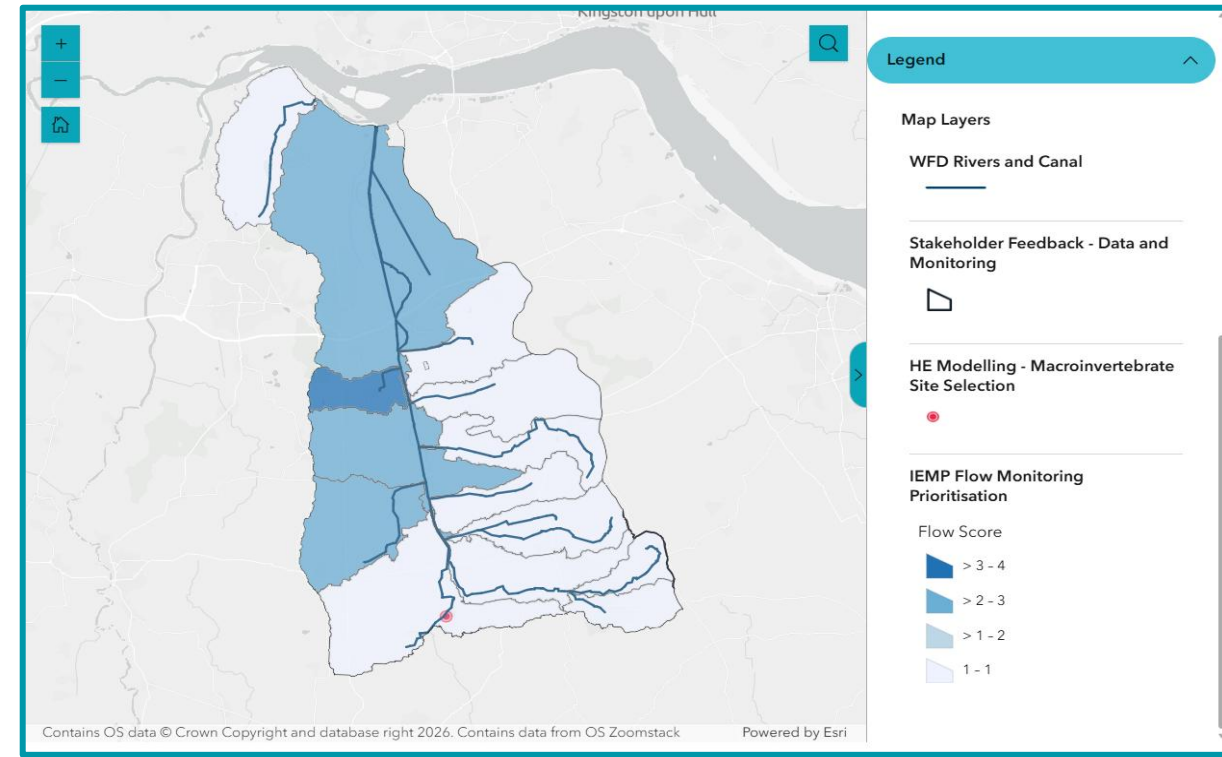
The **Drivers** tab explores the factors influencing ED targets, including:

- **The Habitats Directive**
- **The Water Framework Directive** and River Basin Management Plans



This tab highlights some of the ED technical investigations to challenge uncertainties and assumptions in data, such as:

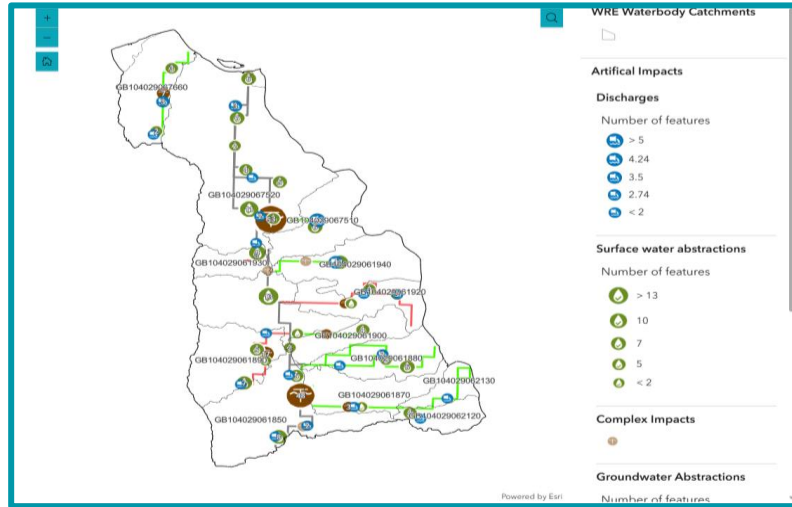
- **Hydro-ecological assessment** sampling site locations
- Identification of **monitoring gaps work (Flow, Water Quality and Macroinvertebrates)**
- Stakeholder feedback of monitoring gaps



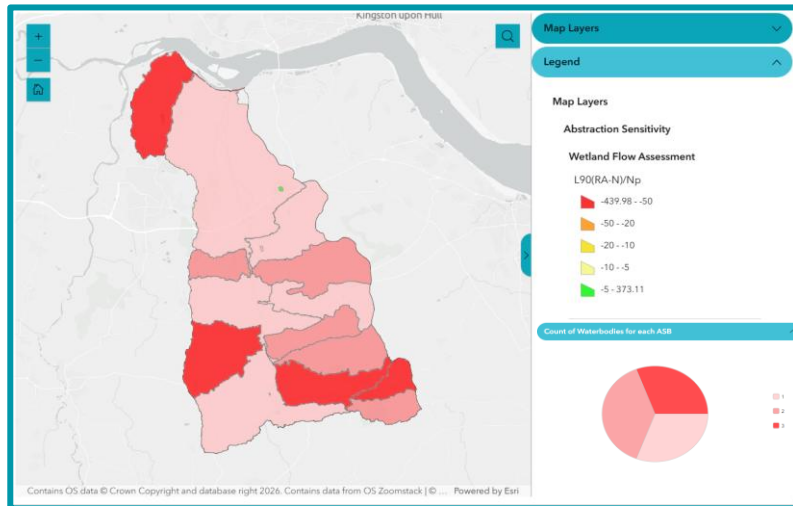
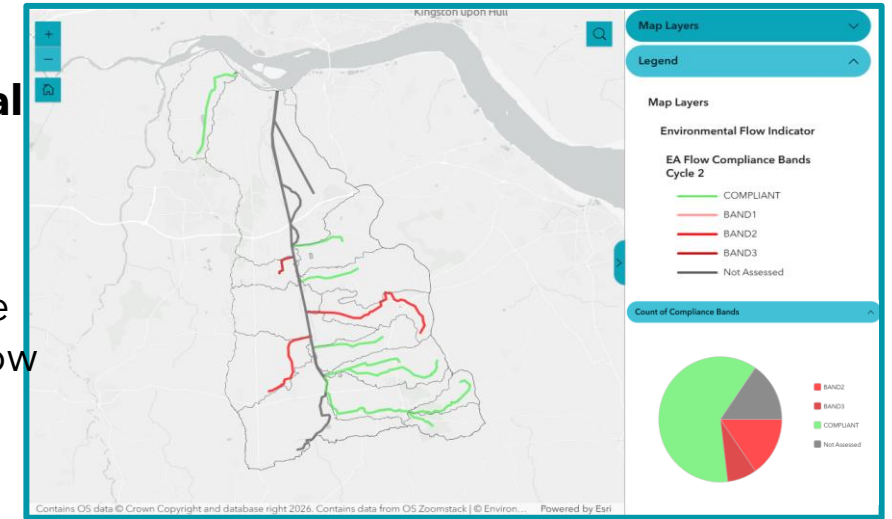


The **Flow** tab examines the components that contribute to the water balance within rivers, and the flows required to sustain a healthy river environment, including:

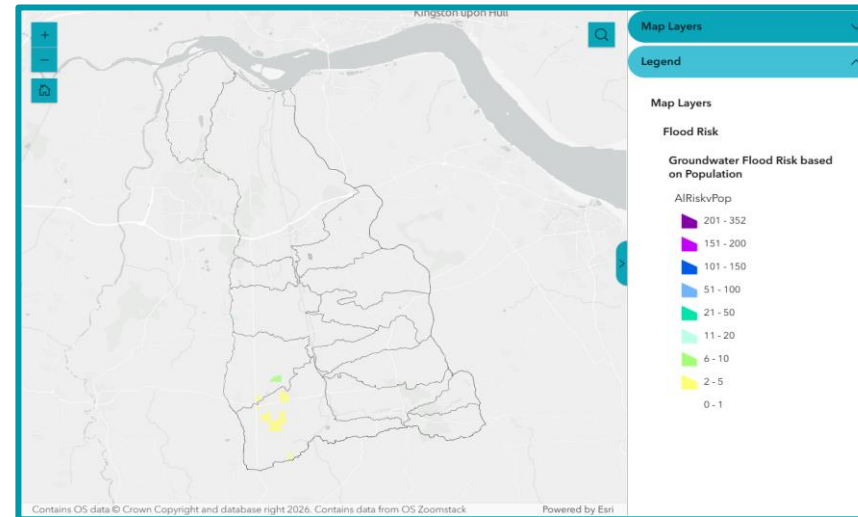
A **schematic of the river network** and artificial influences affecting the system, such as abstraction



Compliance with **The Environmental Flow Indicator (EFI)**, showing whether river flow are currently above (compliant) or below the threshold for healthy river environment



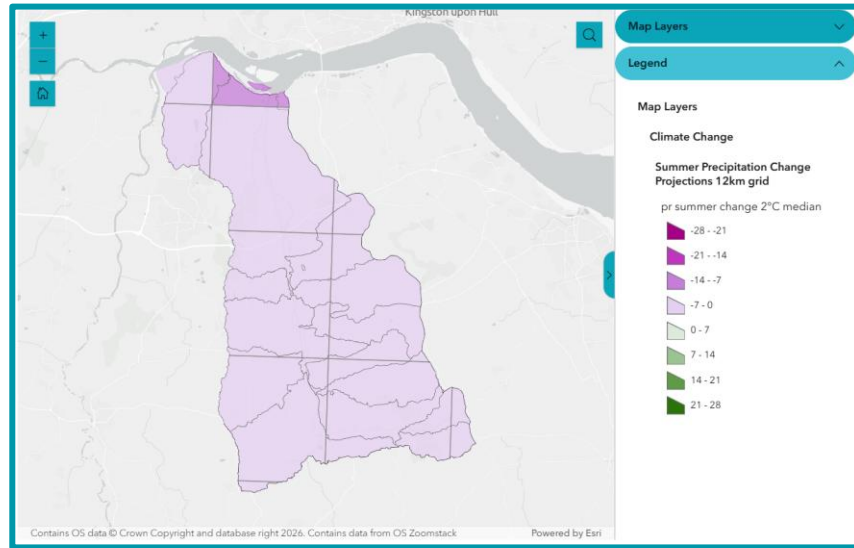
Abstraction Sensitivity Bands, gives a value for how sensitive a river is to abstraction – this sets the EFI



Groundwater flood risk, including analysis and stakeholder feedback on how vulnerable areas may be to flooding if abstraction were reduced or stopped



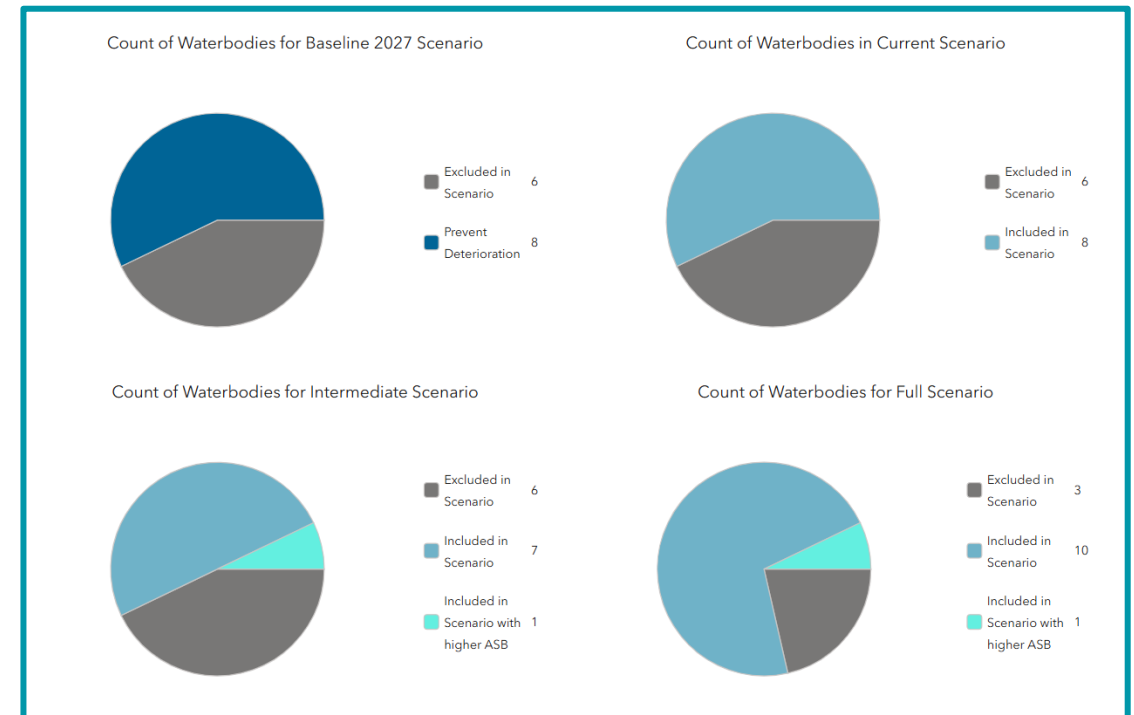
The next tab explores potential scenarios for the future river environment and its requirements. This includes:



Climate change scenarios – Looks at Met Office projections and eFLAG calculations, to evaluate the projected future conditions that may affect river baseflows and influence the flow targets needed to maintain a healthy river.

Legislative requirements – outlining which waterbodies are included/excluded under different regulatory scenarios for now and future, including:

- **Current** regulatory requirements
- **Full** governmental ambitions and protections
- **Intermediate and alternate** scenarios, which sit between the two



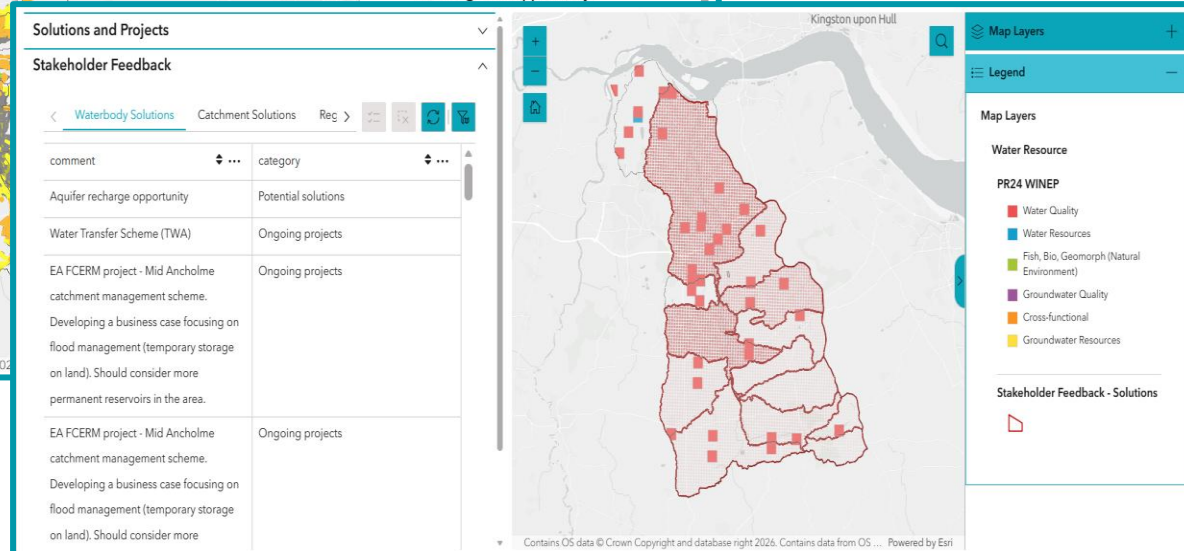
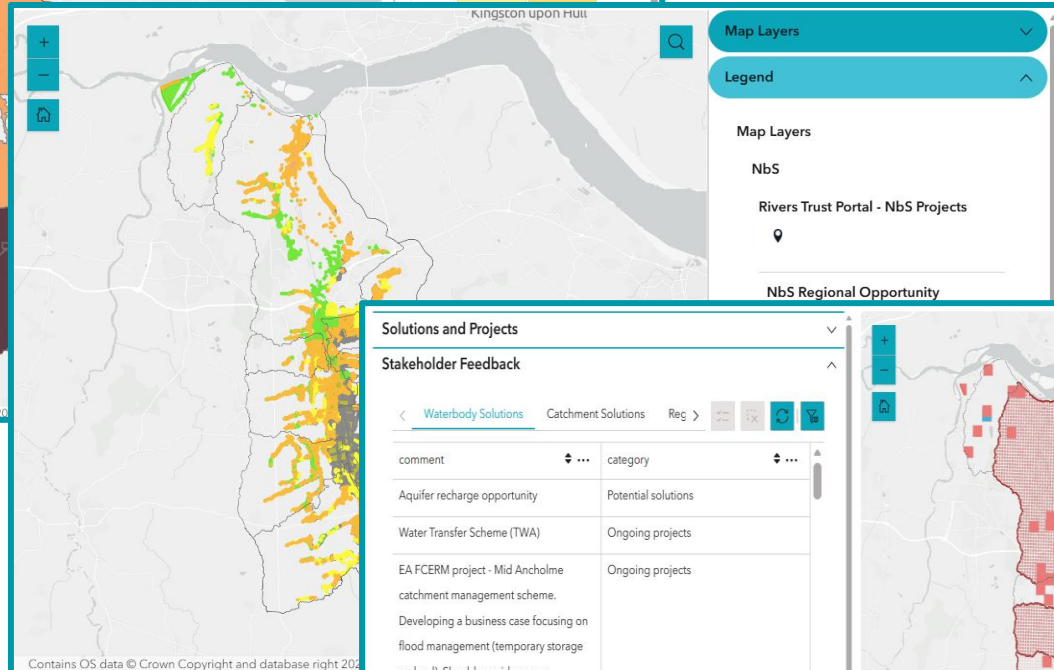
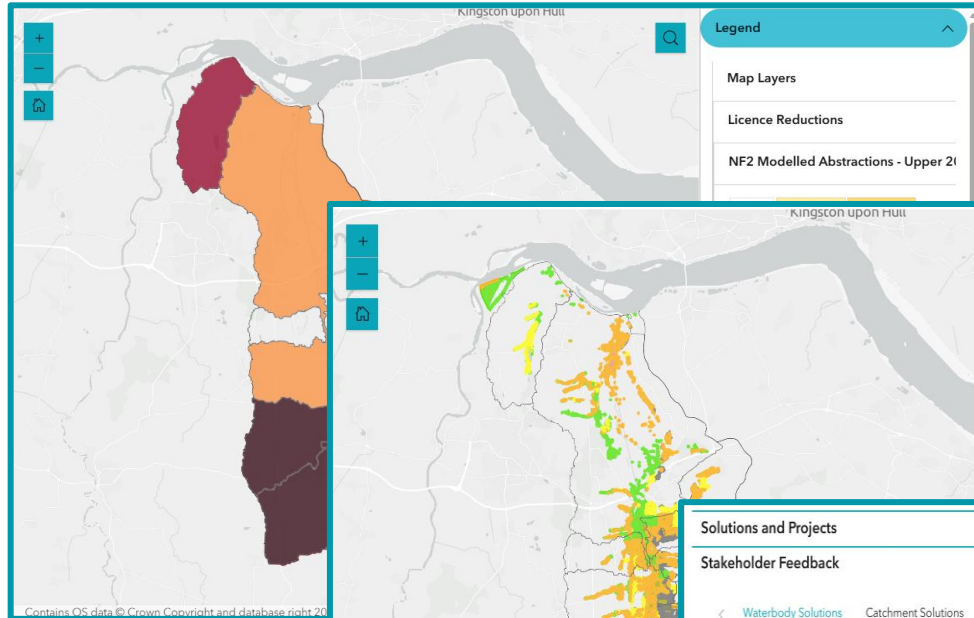


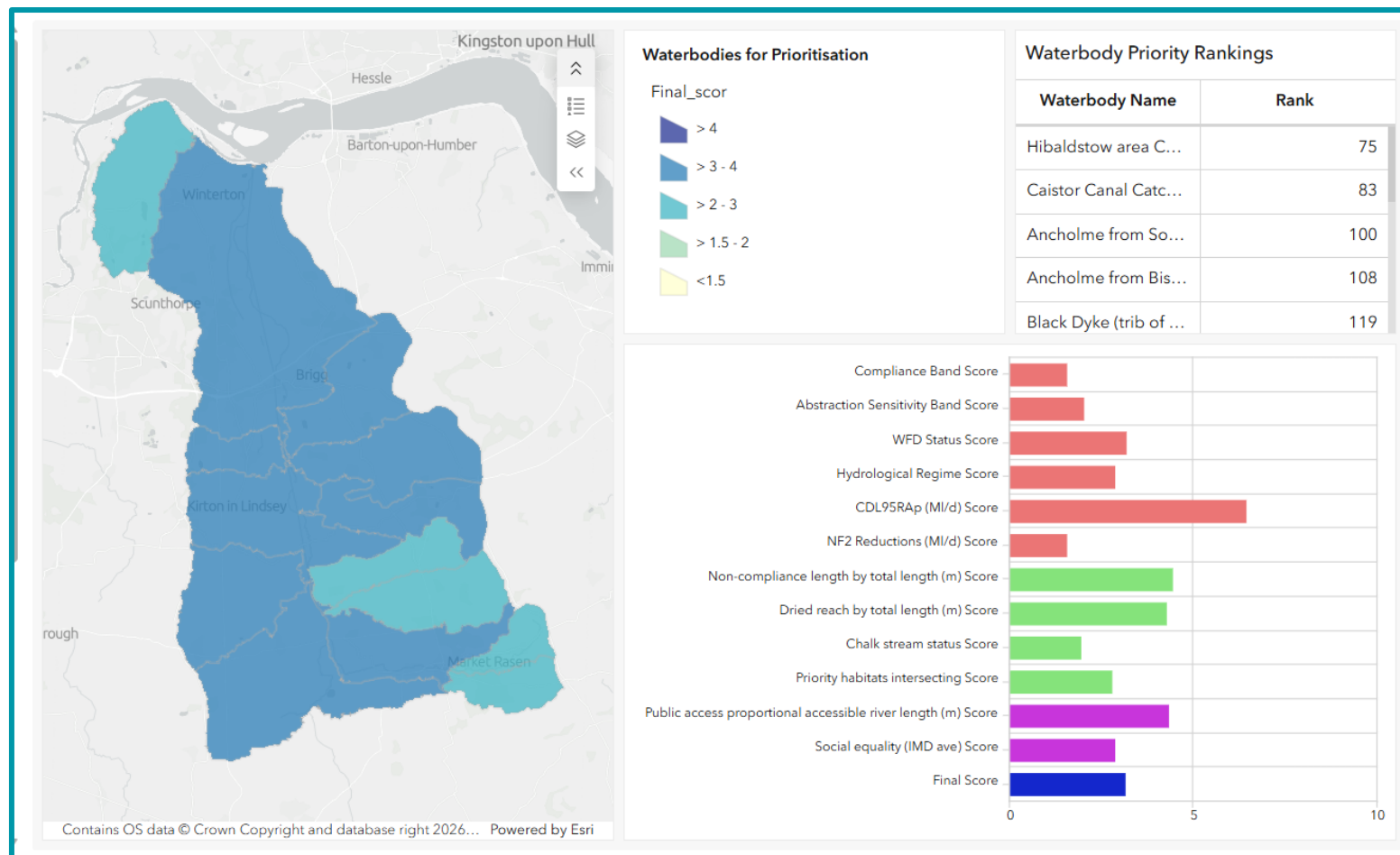
Solutions tab explores options to achieve a healthy water environment while meeting water demand

Shows the possible **abstraction reductions** that would be required for waterbody be compliant with EFI under future scenarios.

Highlights **nature-based solutions** and opportunities to benefit the environment

Incorporates **other potential and existing solutions** (e.g. rainwater harvesting, reservoirs, and flow improvements) to meet water demand.





Part of our ED Investigations to identify where **action should be prioritised** to meet environmental destination targets. This is based on ED guidance and informs the planning for creating different pathways to achieve these outcomes



Feedback Form

Environmental Destination

Your Feedback

Name

Organisation*

Please select a waterbody from map or draw your area in map below*

Esr, Ordnance Survey, NASA, NGA, USGS | Esri UK, Esri, TomTom, Garmin, METI/NASA, USGS
Welton
Powered by Esri

There will also be a section on dashboard where you can feedback information to inform parts of decision-making process. For example, evidence RNAG is incorrect or to propose a new solution.

Demo Video

Environmental Destination (BETA)



Catchment

Drivers

Flow

Scenarios

Solutions

Pathway

Feedback

Ancholme

Welcome

Waterbodies

Habitat

Accessible Land

Soils

Welcome

Environmental Destination (ED) sets out the Governments long-term ambition to restore and protect Eastern England's water environment, ensuring sustainable abstraction that balances the needs of nature, people and the economy in the face of climate change and growing demand.

The Environment Agency has identified "where and by how much, water abstraction needs to change to achieve and maintain a healthy water environment, both now and in the future".

This dashboard provides the information that underpins these calculations and opportunities for solutions. It brings together evidence from technical investigations alongside insights gathered through stakeholder engagement, providing a view of the factors that influence planning decisions.

Use the tabs at the top of the page to navigate through each section of the dashboard. In the top right corner, you will find a filter that allows you to select an operational catchment. Please note that applying this filter may take a short time to update the maps as the view adjusts to the selected area.

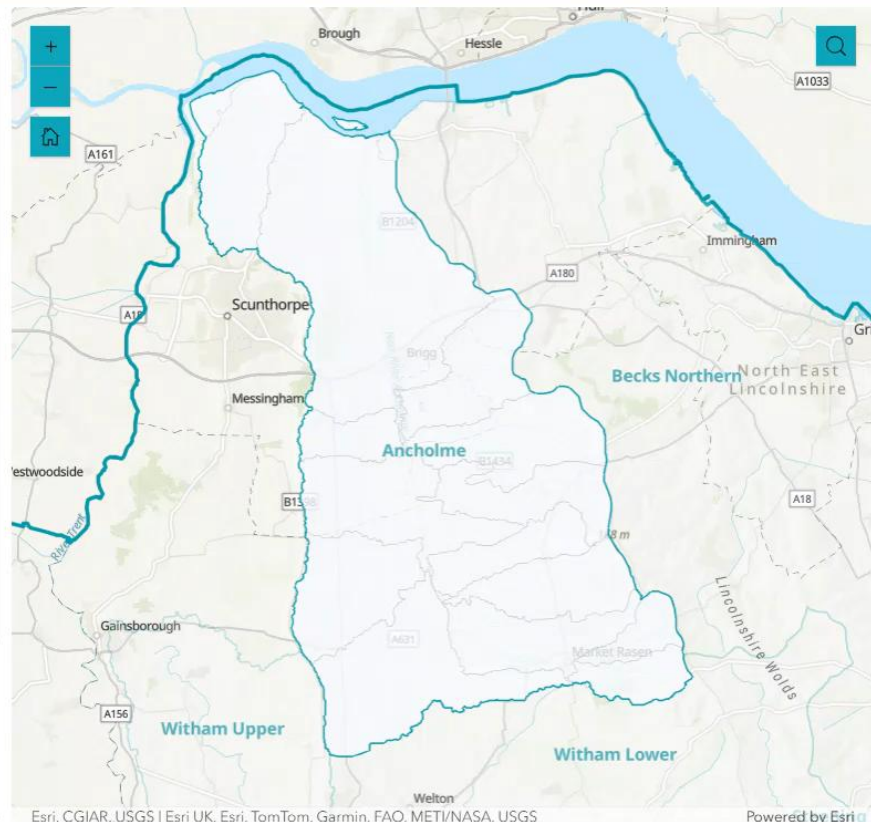
In the final section of the dashboard, you will have the opportunity to provide feedback on different aspects of the decision-making process. Your input is valuable and will help to refine and improve future iterations.

Catchment Links

Ancholme Catchment Partnership (Lincolnshire Wildlife Trust) <https://www.lincstrust.org.uk/what-we-do/conservation-projects/acp>

Further Information

For further information and resources, please follow through to the links below:



Map showing the Ancholme catchment area, including surrounding towns like Scunthorpe, Messingham, Gainsborough, and Witham Upper/Lower. The map displays the catchment boundary and associated water bodies.



‘Big questions’ for water resource planning

Ben Fitzsimons

‘Big questions’ for water resource planning

- What questions do you have for the Regional Water Resources Plan 2029?
- Your opportunity to feed in your questions that you would like the plan to answer
- Questions encouraged from all sectors and all aspects
- Questions could be modelled / tested / considered through the planning process
- Allows us to explore the trade-offs in water resources planning
- Can use the Plan and answers to the ‘big questions’ to inform Government decisions



Regional Water Resources Plan for Eastern England

DECEMBER 2023

‘Big questions’ examples

Question examples:

- Can WRE model the impact of licence reductions back to recent actual abstraction rather than fully licenced for agriculture / industry / energy / amenity / public water supply?
- How can we ensure that available water is captured and used, e.g. high flow river water or pumped water from IDB areas?
- Have we got enough water for new data centres that might want to build in the region?
- Can WRE test an alternative pathway for my catchment based on what I know about local water use?



**Regional Water
Resources Plan for
Eastern England**

DECEMBER 2023

‘Big questions’ for water resource planning

- Review and feed in online at:
wre.org.uk/big-questions-for-water-resource-planning
- Opportunity to ask questions to remain open through the planning process
- Look to answer the questions submitted on publishing the Regional Plan in 2029



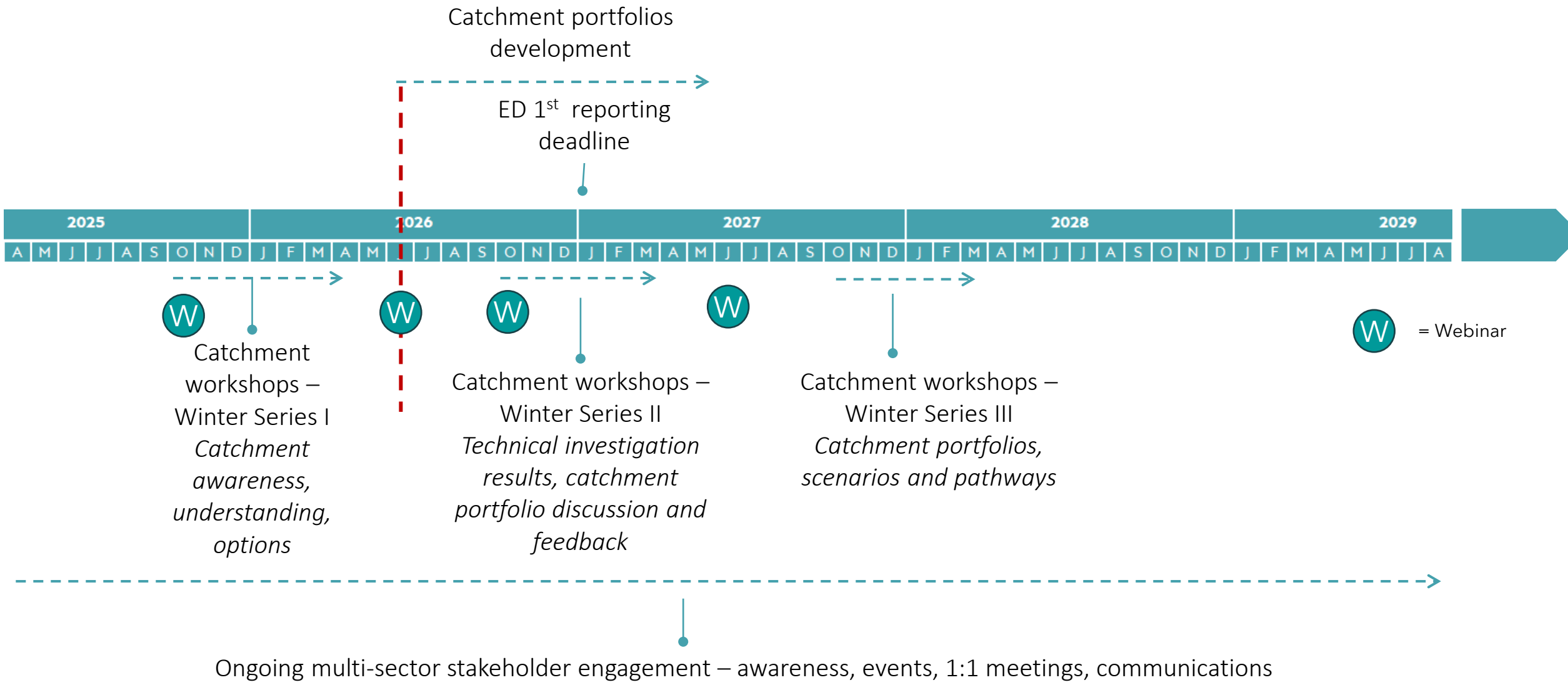


Q & A Session



Next steps

Stakeholder engagement timeline



Thank you



Thank you!



**The session has
been recorded.**

Slides and recording
will be shared after
the meeting



Please put
membership
number in the chat

Thank you for joining!

wre.org.uk/environmental-destination

Contact: teresameadows@wre.org.uk

Connect with us



www.wre.org.uk



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