

East of England Catchments Planning Hub

Ancholme Catchment Partnership
Workshop



Agenda

Introduction and Background (approx. 40 mins)

- Welcome, introductions and aims of the workshop – [John Brewington](#)
- Background to the East of England Planning Hub – [John Brewington](#)
- Anglian Water PR24 & WINEP drivers – [Sam Westwood](#)
- Options development – [Sam Westwood](#)
- How to explore the ESRI Experience – [Sam Westwood](#)
- How to add ideas and projects – [John Brewington](#)

Workshop Discussion (approx 100 mins)

- Exploring the data layer and inputting ideas and projects

Next Steps and Feedback (approx 20 mins)

- How we will use information gathered and keep you involved – [John Brewington](#)
- Feedback – [John Brewington](#)



Welcome,
introduction
& aims

Aims of the workshop

1. To **engage catchment partners** in the development of Anglian Water's PR24 Business Plan and, in particular, the WINEP
2. To **capture potential partnership ideas** and projects for catchment and nature-based solutions that could be developed as part of the East of England WINEP, across multiple drivers and wider opportunities for delivering Anglian Water ambitions
3. To **capture wider intelligence on data gaps**, partners' priorities and wider opportunities



Background to
the East of
England
Catchments Hub

The East of England Catchments Hub

Ofwat, Defra, Environment Agency and the Environmental Audit Committee have provided clear direction to water companies to:

- Meet long-term challenges through **increased collaboration and partnerships**
- Support an increase in the use of **catchment and nature-based solutions**
- Place more emphasis on the value derived from **natural capital and wider value for customers**

Anglian Water and the Rivers Trust have established the East of England Catchments Hub to bring together local, regional and national expertise and resources that would:

- Support **Catchment Partnership engagement**
- **Identify catchment schemes and nature-based solutions** for WINEP for 2025-30
- Support catchment aspects of PR24 planning

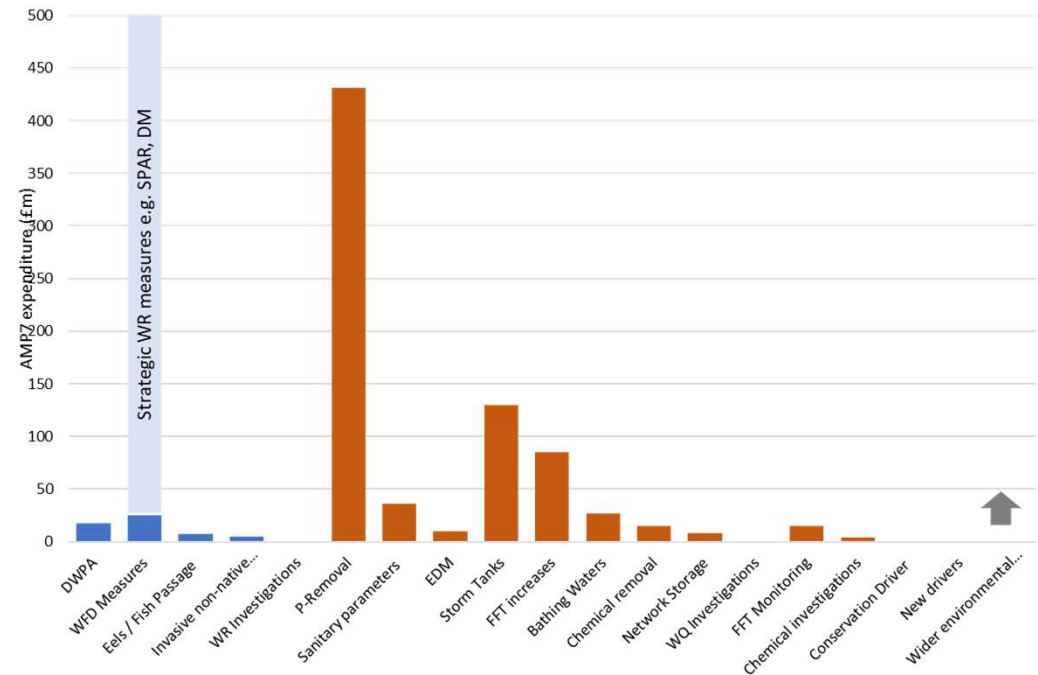


Anglian Water PR24 & WINEP drivers

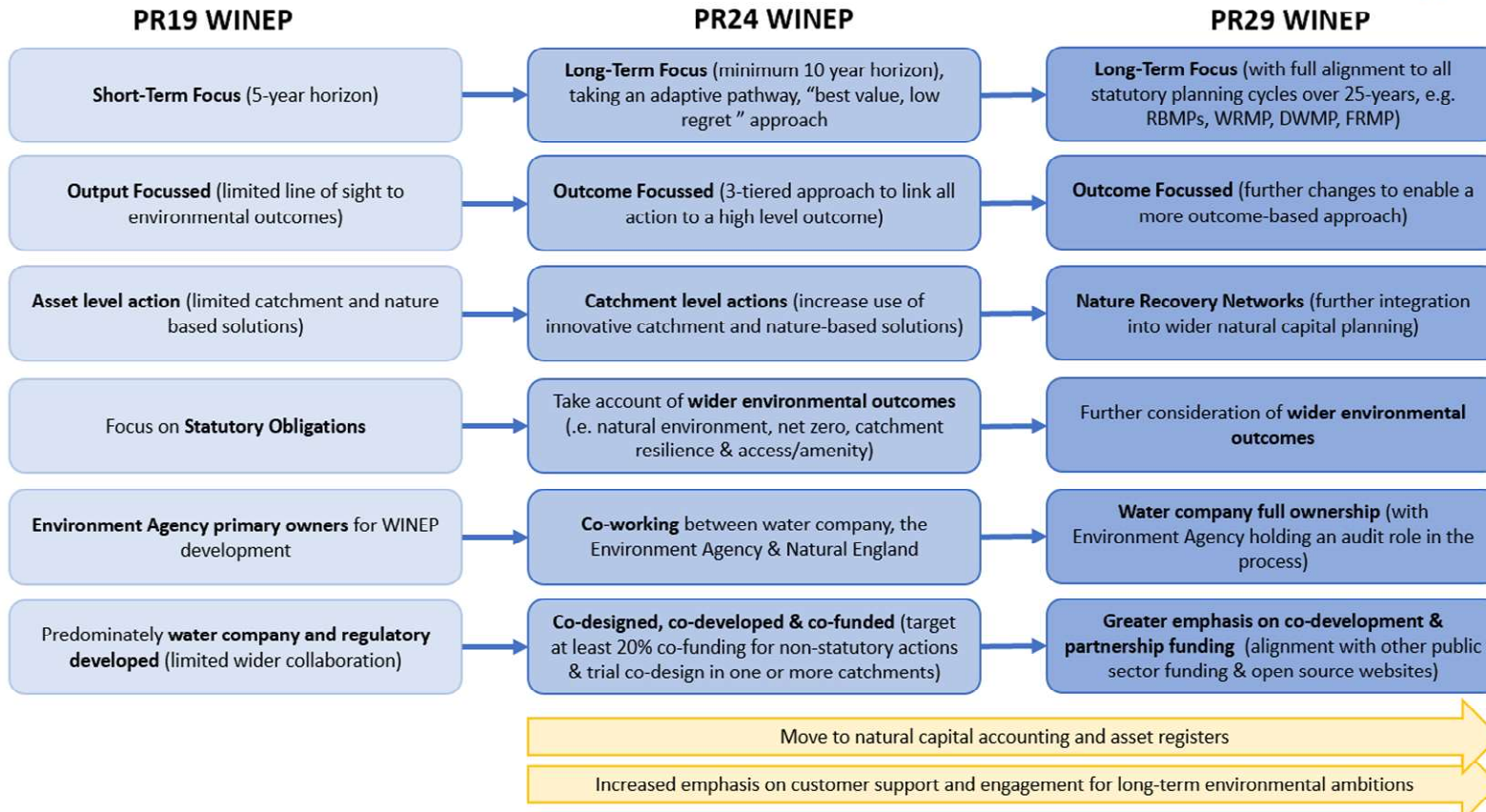
PR19 WINEP Overview – what are we doing now?



- AW has the largest AMP7 WINEP with a total Business Plan cost of £850m
- It includes over 2,100 “obligations” of which 1,400 are monitoring requirements (EDMs on SOs and flow meters at WRCs)
- Phosphorous removal is largest programme by value (@170 schemes incl up to 26 wetlands)
- Figures don’t include @£500m of strategic water resource investment to enable sustainability reductions



PR24 WINEP – what’s new



Anglian Water WINEP Drivers

Statutory & Non-Statutory drivers – opportunities for C&NbS

Opportunity for investigations to inform multi-AMP approach and best value investment.

- **Deliverability** – partnership activity and landowner engagement
- **Co-funding** potential

Water Quality

- WFD
 - Phosphorus/Ammonia (continuous/intermittent discharges)
 - Physical habitat and fish passage
 - Chemicals
 - Microplastics
- Storm Overflows
- Drinking Water Protection from Agriculture
- Habitats Directive (inc. nutrient neutrality)
- Invasive Non-Native Species
- Bathing Waters (coastal and inland)
- Septic tanks – company owned and first-time sewerage
- 25 Year Environment Plan

Water Resources

- Eel Regulations
- Habitats Directive
- Groundwater Pressures - **includes licence caps under ND**
- Invasive Non-Native Species
- SAFFA: Salmon & Sea Trout Entrainment
- Sites of Special Scientific Interest
- Artificial & Heavily Modified Water Bodies designated for water resources uses
- Water Resources Hydrological Regime – **includes action to address flow compliance**
- WFD
 - Physical habitat and fish passage

Anglian Water: Biodiversity/Terrestrial WINEP drivers

Challenge of scale

Biodiversity opportunities often delivered at regional/sub-regional level due to lack of WINEP drivers directly linking AW operations to required improvements at waterbody scale.

AW Biodiversity & Habitat Priorities

- Managing high priority AW sites
- Woodland creation and tree planting
- Chalk Streams – NERC Driver

Maximising the tool

Capturing information on total habitat creation or trees planted within projects supports delivery of wider regional targets.

Ancholme – Catchment Data Explorer

Ecological status for surface waters

Ecological status or potential	Bad	Poor	Moderate	Good	High	Total
Number of water bodies	0	3	10	1	0	14
Number of water body elements	1	8	11	11	83	114

Objectives data for Ancholme Operational Catchment

Ecological status or potential objectives for surface water bodies

Including those with less stringent objectives and extended deadlines

Status	Bad	Poor	Moderate	Good	High	Total
By 2015	0	0	4	0	0	4
By 2021	0	0	0	2	0	2
By 2027	0	0	1	7	0	8
Total	0	0	5	9	0	14

0 of the "by 2027" objectives are low confidence

Challenges data for Ancholme Operational Catchment

Reasons for not achieving good status by business sector

The issues preventing waters reaching good status and the sectors identified as contributing to them. The numbers in the table are individual counts of the reasons for not achieving good status with a confidence status of 'confirmed' and 'probable', where the latest classification is less than good status. There may be more than one reason in a single water body. Note, table does not include reasons for deterioration.

Significant water management issue	Changes to the natural flow and level of water	Invasive non-native species	Physical modifications	Pollution from abandoned mines	Pollution from rural areas	Pollution from towns, cities and transport	Pollution from waste water
Water Industry	0	0	1	0	0	0	11

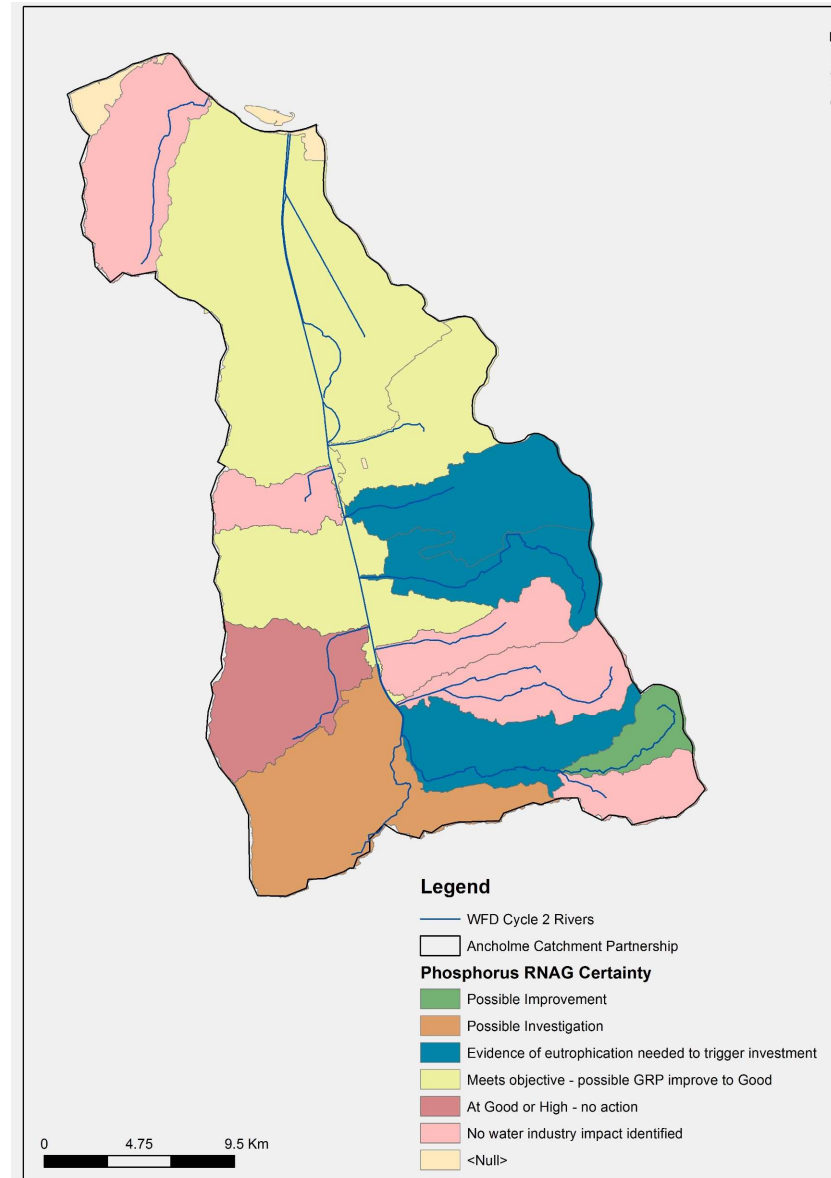
The Caveats...

Headline challenges to delivering catchment-based projects

- Environment Act enabling regulations requiring an 80% reduction in phosphorus in final effluent by 2037.
 - Drives us towards traditional end-of-pipe solutions to achieve an 80% reduction with current permitting approach.

Catchments identified for projects to address Phosphorus drivers

Map cross references where a water industry RNAG exists in a waterbody, with the certainty of evidence supporting it.



Its not just WINEP:

The WINEP is our single biggest environmental programme BUT

- Inclusion of non-statutory schemes in the WINEP does not guarantee they will pass Ofwat scrutiny
- We recognise that partnership funding proposals cannot be developed and guaranteed by November 2022 deadline
- The options appraisal process for submission is a snap-shot in time - we will continue to evolve our thinking on how we deliver throughout AMP7 and AMP8.
- The WINEP can be a constraint to creative thinking; there is no reason why non-statutory elements of our ambition shouldn't form part of our wider business plan submission to Ofwat

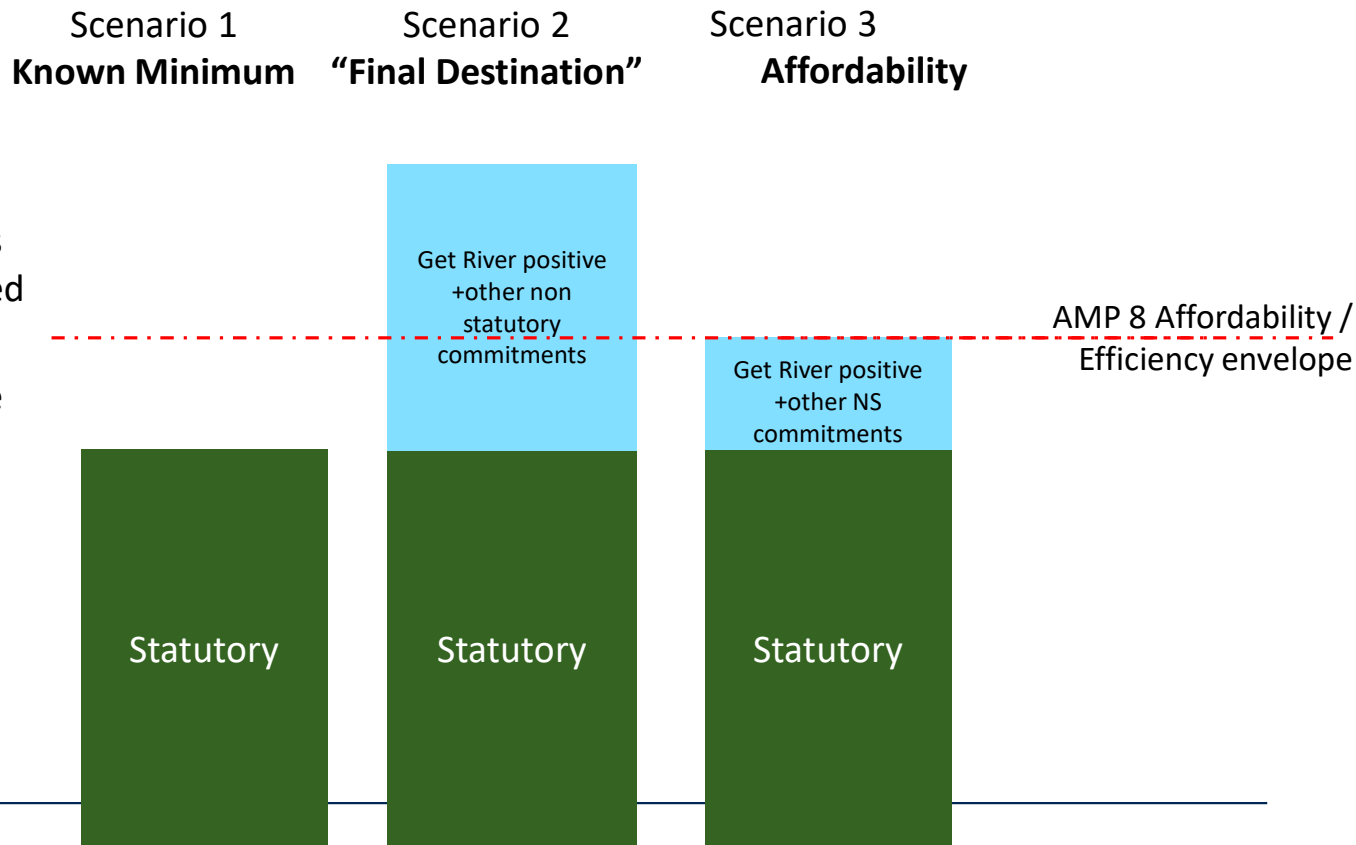
Our five Get River Positive commitments

- ▶ Ensure storm overflows and sewage treatment works do not harm rivers.
- ▶ Create more opportunities for everyone to enjoy our region's rivers.
- ▶ Support others to improve and care for rivers.
- ▶ Enhance our rivers and create new habitats so wildlife can thrive.
- ▶ Be open and transparent about our performance and our plans.

Affordability vs Ambition



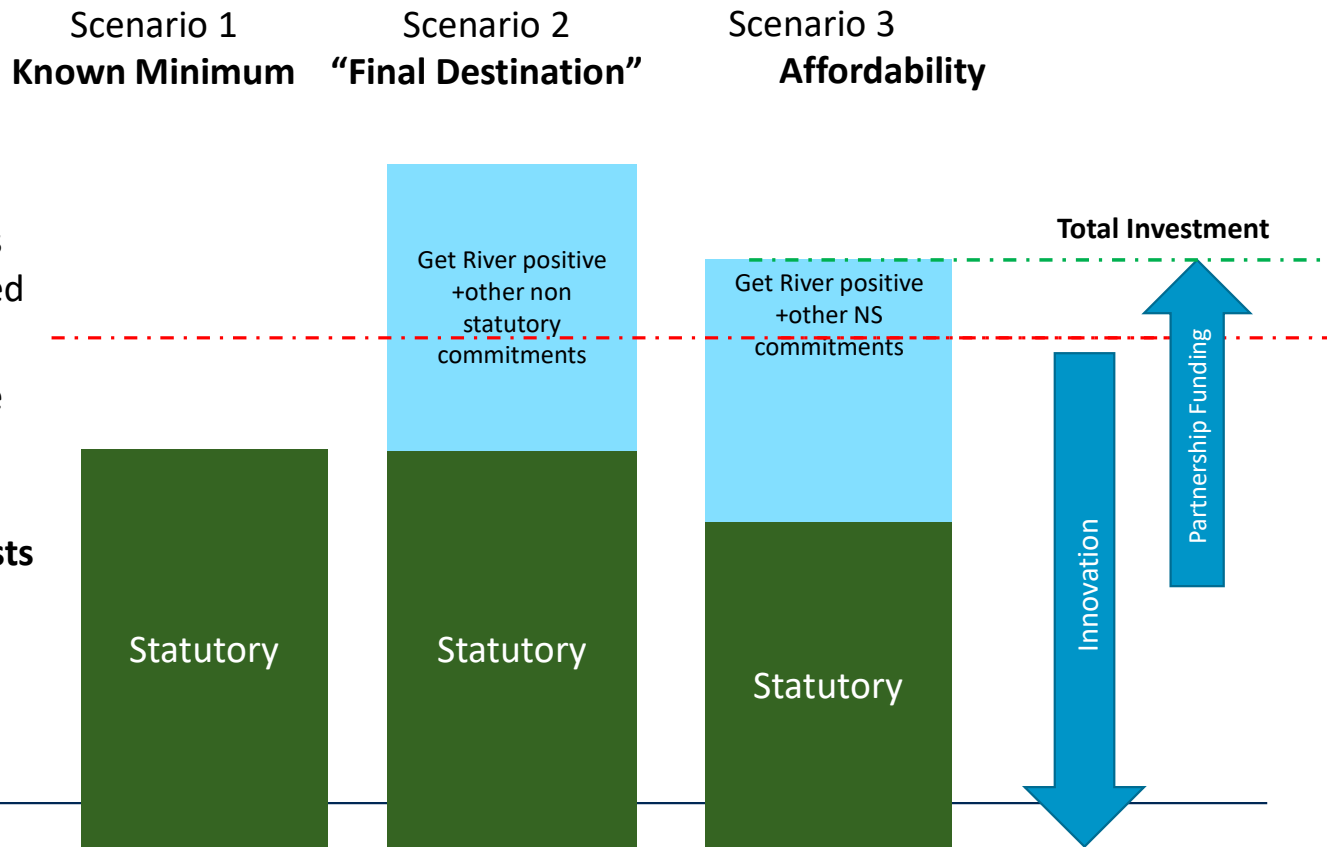
- We don't actually know how big our statutory programme will be yet.
- But we do know it will be less ambitious than the "Final Destination" of our stated ambitions.
- We also know overall investment will be constrained by an "Affordability" assessment of the overall business plan



Affordability vs Ambition



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- But we do know it will be less ambitious than the "Final Destination" of our stated ambitions.
- We also know overall investment will be constrained by an "Affordability" assessment of the overall business plan
- **We need innovation to driver down costs and partnerships around non-statutory elements to grow total investment**

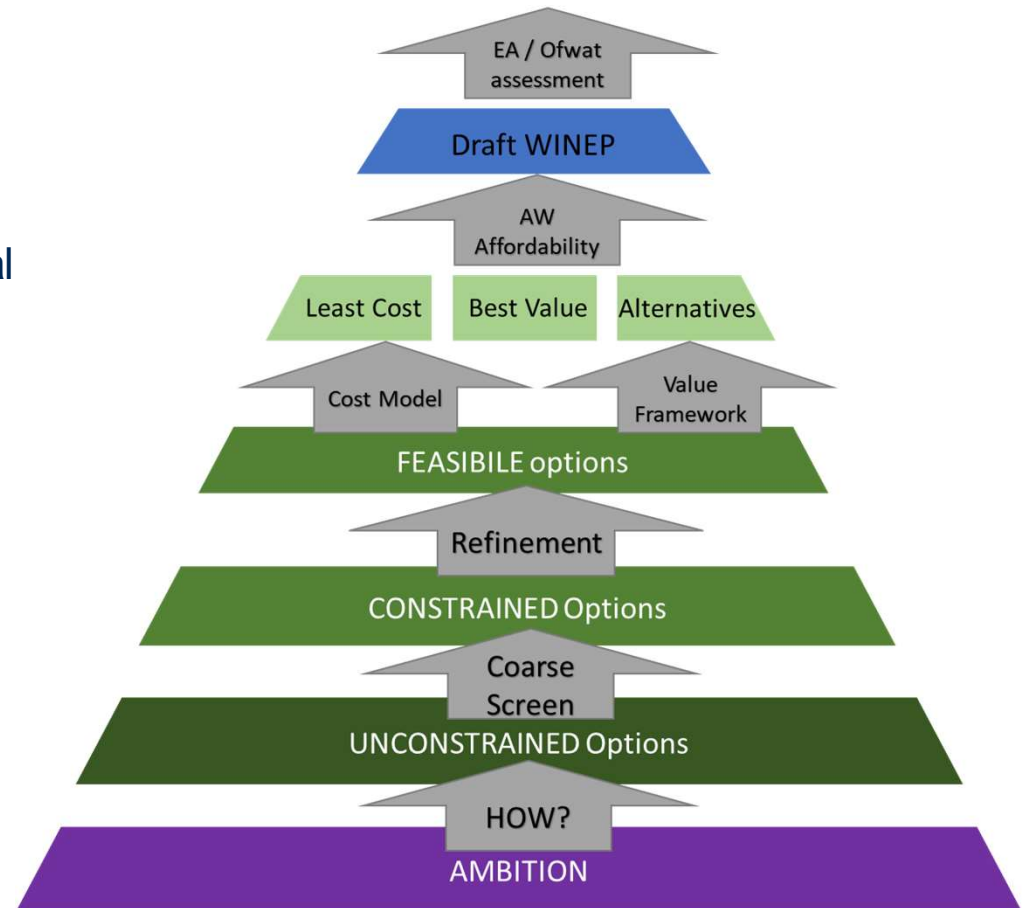




Options development

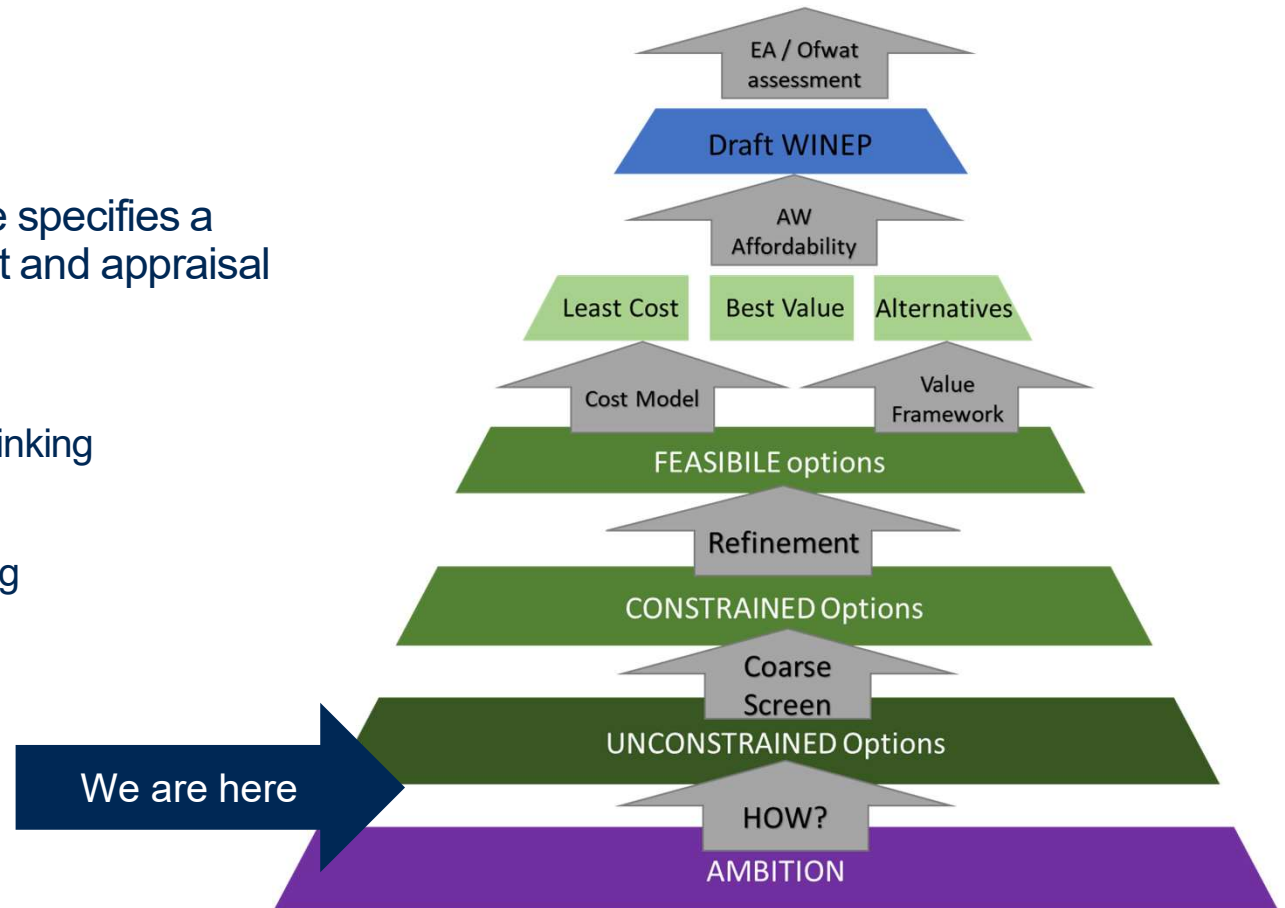
Options Appraisal

- Environment Agency guidance specifies a process of option development and appraisal that encourages
 - ✓ Environmental net gain
 - ✓ Nature based and catchment thinking
 - ✓ Natural capital approaches
 - ✓ Evidence based decision making
 - ✓ Collaboration



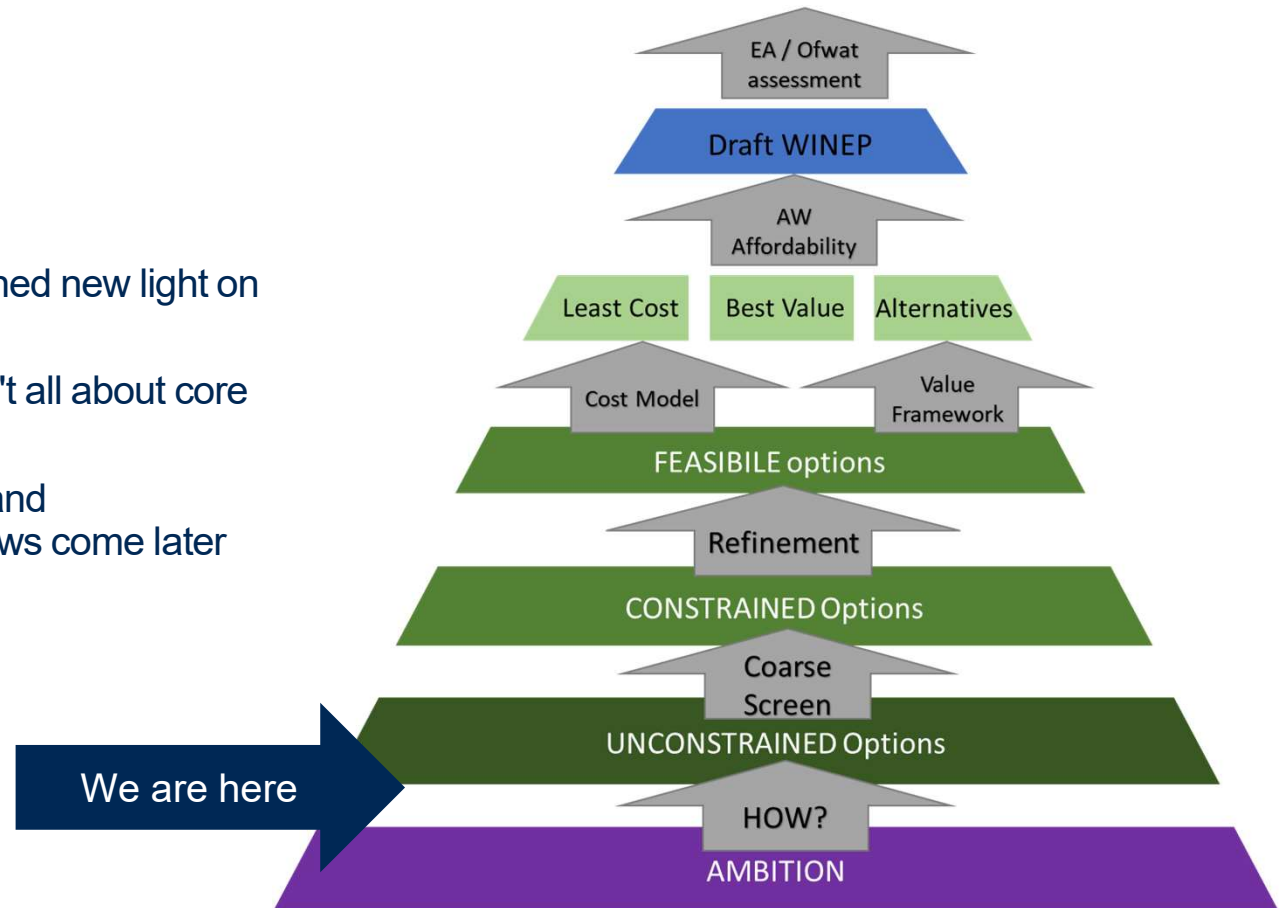
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Options Appraisal

- We want you
 - ✓ Offer any data or insights that shed new light on the condition assessment
 - ✓ Think BIG on ambition – this isn't all about core statutory drivers
 - ✓ Be unconstrained on solutions and opportunities the technical reviews come later





Demo:

How to add projects and ideas
to the ESRI Experience

<https://experience.arcgis.com/experience/ed01cf547a4e4151beeef844112490c/page/About/>



Discussions & mapping activity

- Note privacy agreement
- Don't include personal information e.g. landowners details or any email addresses/phone numbers.
- Timescales for project delivery – can be over multiple AMPs
- Info to include in Projects – intervention type, pressures, monitoring information
- Match-funding opportunity (20% for non-statutory schemes)

Next Steps and Feedback

How will we use information collected today?

- We will review all information and opportunities against WINEP drivers and our wider environmental ambition to consider if and how to take each opportunity forward through options refinement
 - We may come back to you for clarification or more information
 - We may look to combine options or take a regional approach
 - We may look to develop investigations or full options
- We will contact you if an opportunity you have submitted looks promising for progression
- We **won't** take any options forward submitted by partners without your involvement or permission
- We will update all participants in October

How to stay involved?

- The ESRI Experience will stay open so you can continue to input other information

Workshop feedback – share your thoughts

- Indicate whether this workshop (and the wider Hub approach) has helped you to align your thoughts and ideas with the WINEP drivers
- Link your name to a potential project ID number
- Indicate whether you would like more time to develop your ideas – including the need for a 1-2-1 follow-up session with the Hub team
- Share your thoughts and feedback on the Hub process so far



Scan for survey

<https://forms.office.com/r/UVbFGVnMFN>

Stay in touch

Sam Westwood - sWestwood@anglianwater.co.uk

John Brewington - john.brewington@theriverstrust.org –

A decorative graphic at the bottom of the slide consisting of two overlapping, wavy, horizontal bands. The upper band is a bright cyan color, and the lower band is a slightly darker blue. The waves are smooth and flow from left to right across the bottom of the dark blue background.