



# Drainage and Wastewater Management Plan – third party options webinar

29/09/2021



# Housekeeping

## Webinar Format



Video and sound



Asking Questions



After the event

# Agenda

- Welcome/opening remarks
- Introduction to United Utilities
- Why do we need a Drainage and Wastewater Management Plan?
- The DWMP process
- Why are we looking for 3<sup>rd</sup> party options?
- How have we have engaged the market to date?
- The process and timeline for option engagement
- Using the portal to submit your options
- Q & A

# Who are we?

United Utilities is responsible for providing water and wastewater services to **7.3 million** customers in the North West every day.

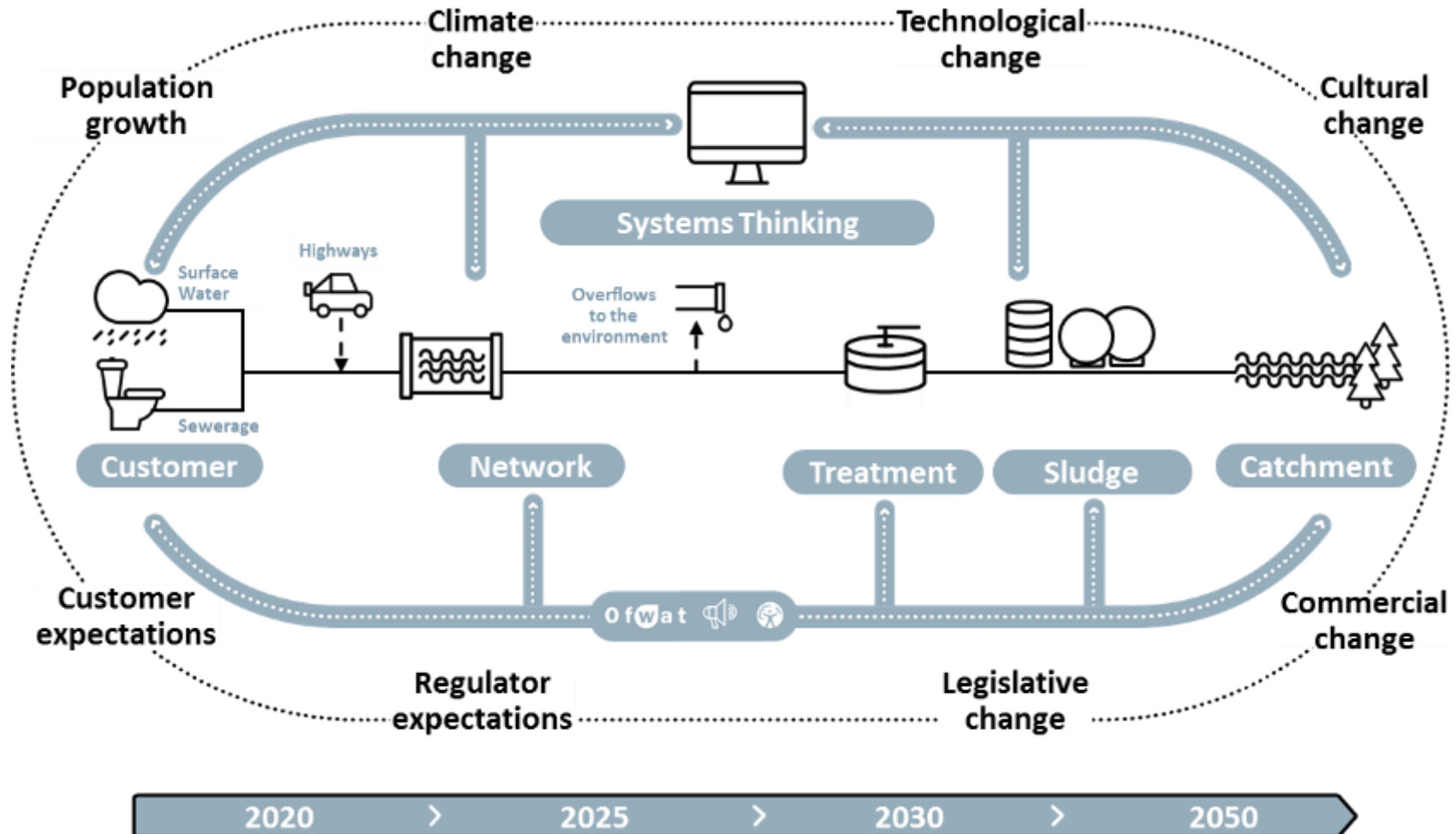


## Drainage and Wastewater Management Plan

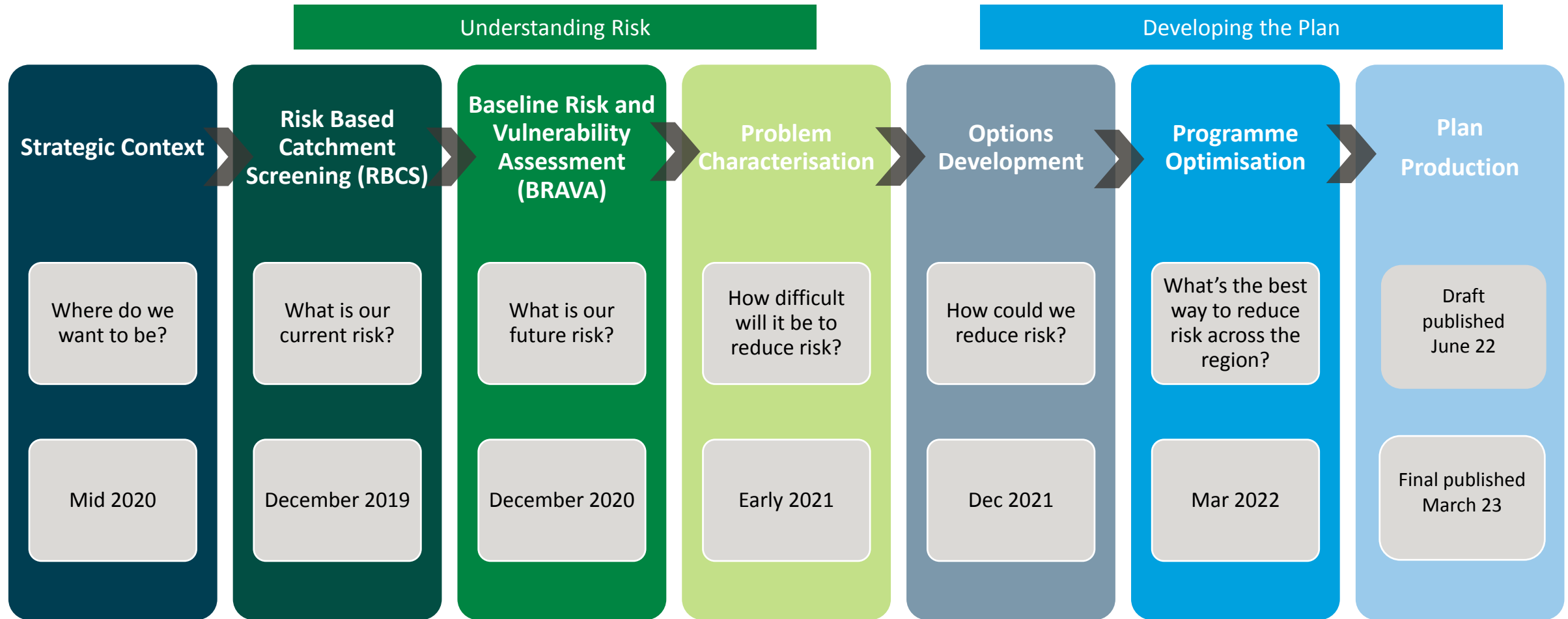
The Drainage and Wastewater Management Plan is a **long term plan** that will set out how we intend to maintain a **robust and resilient** drainage and wastewater system in the North West.

The plan will focus on the challenges faced across the whole drainage and wastewater system from **today to 2050** and inform our price review for AMP8 (2025 – 2030).

# Long Term Challenges in Wastewater – why do we need the DWMP?



# The DWMP Process



# Ambitions – Planning Objectives

**We will provide great wastewater services that protect, restore and enhance the environment of the North West for people and future generations to thrive in and enjoy**

We will protect and enhance the natural environment of the North West by sustainably recycling your wastewater

We will reduce the risk of sewer flooding by sustainably collecting your wastewater

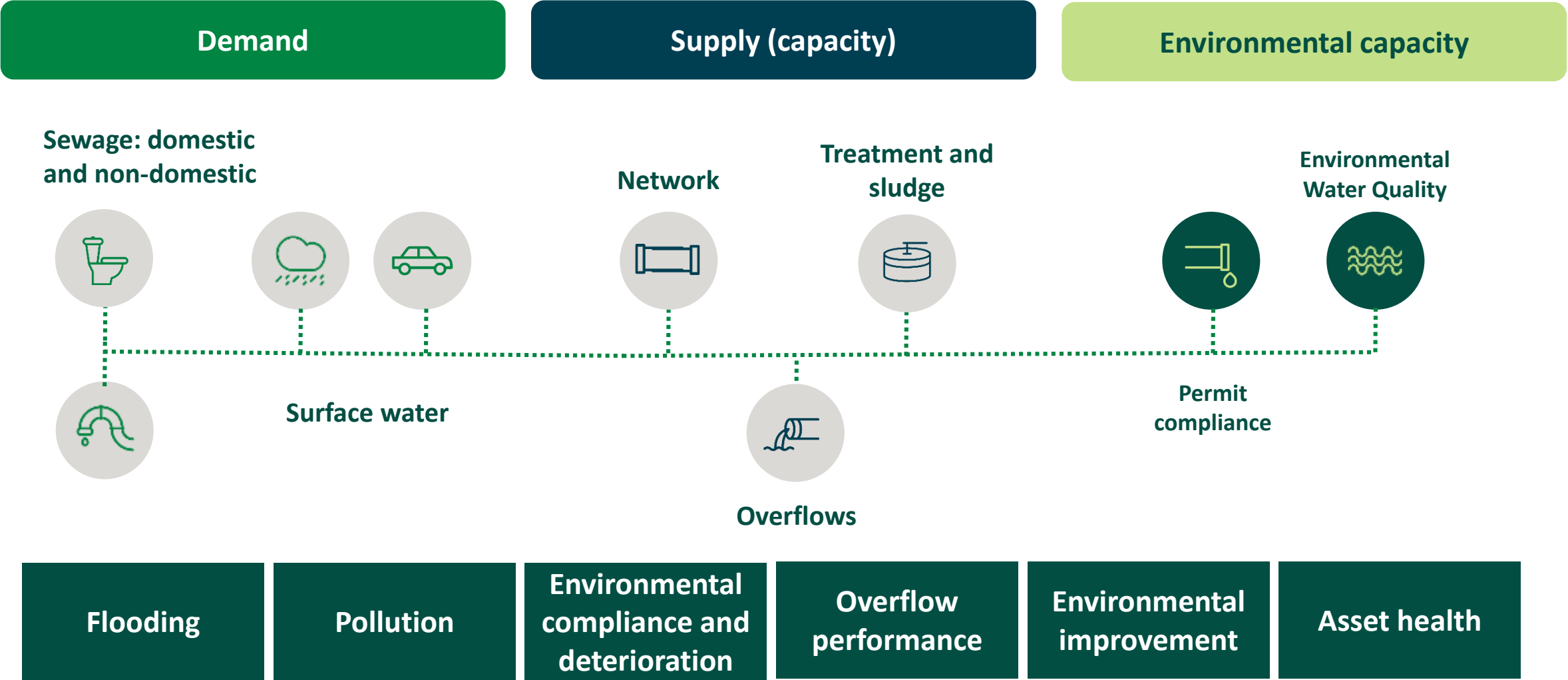
We will treat and recycle wastewater in compliance with our permits, now and in the future, to protect the natural environment

We will protect, restore and improve the natural capital of the North West through the delivery of our environmental enhancement obligations

We will sustainably reduce the risk of sewer flooding in the North West



# Considering the end to end system



# Developing Third Party Options

We've undertaken market engagement for our Drainage and Wastewater Management Plan to drive alternative options with a variety of organisations

## Why are we looking for third party options?

- They may deliver **additional benefits**
- They may have a **lower cost** than our own options
- We are committed to **reducing demand**
- They may bring **innovative approaches** or options we're not yet aware of

We are committed to choosing the options that provide **best value for our customers**

# Third Party Options

Market engagement to drive alternative options with a variety of third party organisations

## Stakeholders who can offer:

**Land owners / land users** – who we could work with to improve flood risk and water quality;

**Design** – organisations who offer solution design services;

**Delivery** – organisations who offer solution delivery services;

**Operation** – organisations who can offer ongoing operation and maintenance of solutions.



Surface water management

Demand management



Network capacity solutions

Treatment capacity solutions



Catchment solutions

# Option types

## Surface water management

This could include surface water attenuation, sustainable urban drainage systems (SuDs) and natural flood management (NFM).



## Catchment solutions

This could include reducing nutrient runoff from catchment land and working with local farmers to implement more sustainable agricultural practices



## Capacity management

Capacity management includes engineered solutions to improve drainage and/or water quality



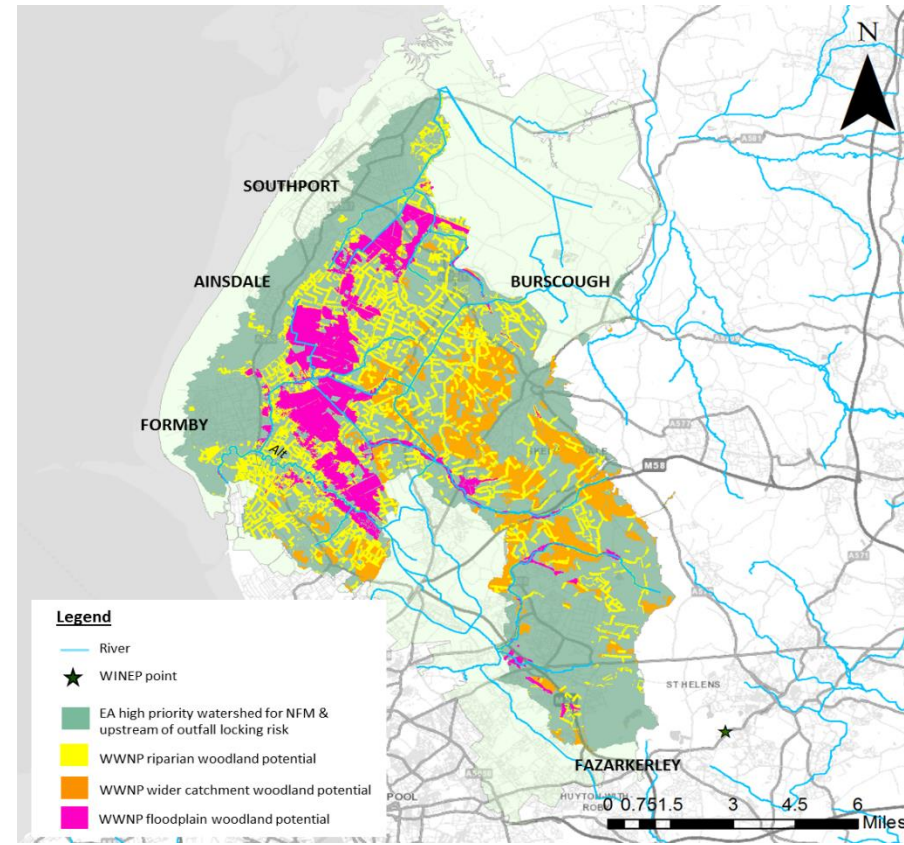
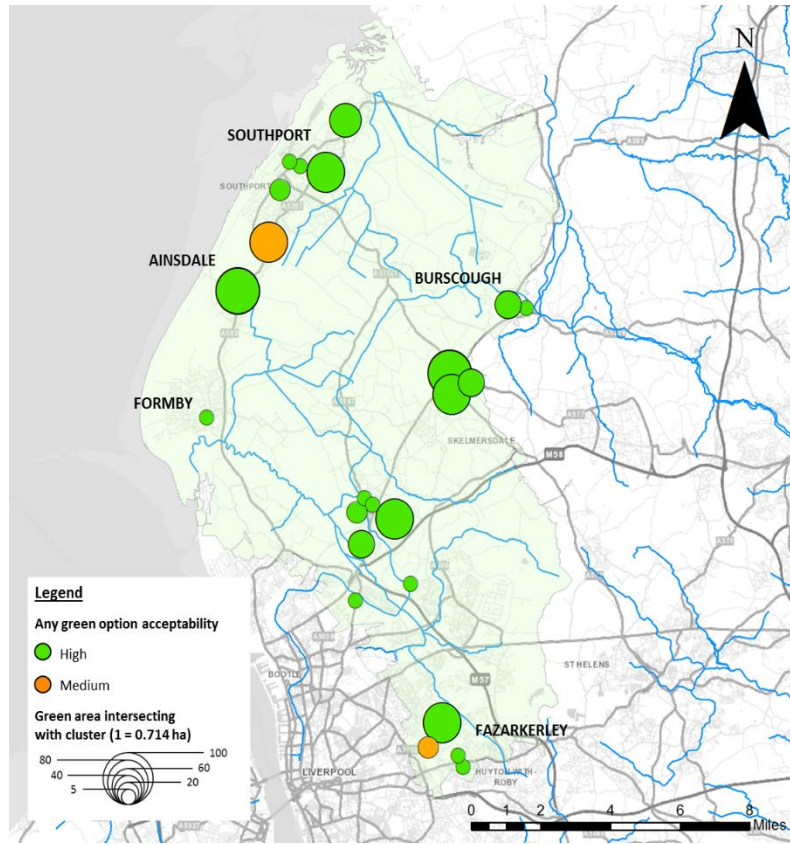
## Demand management

Demand management includes measures to reduce the amount of domestic or business foul water entering the sewer





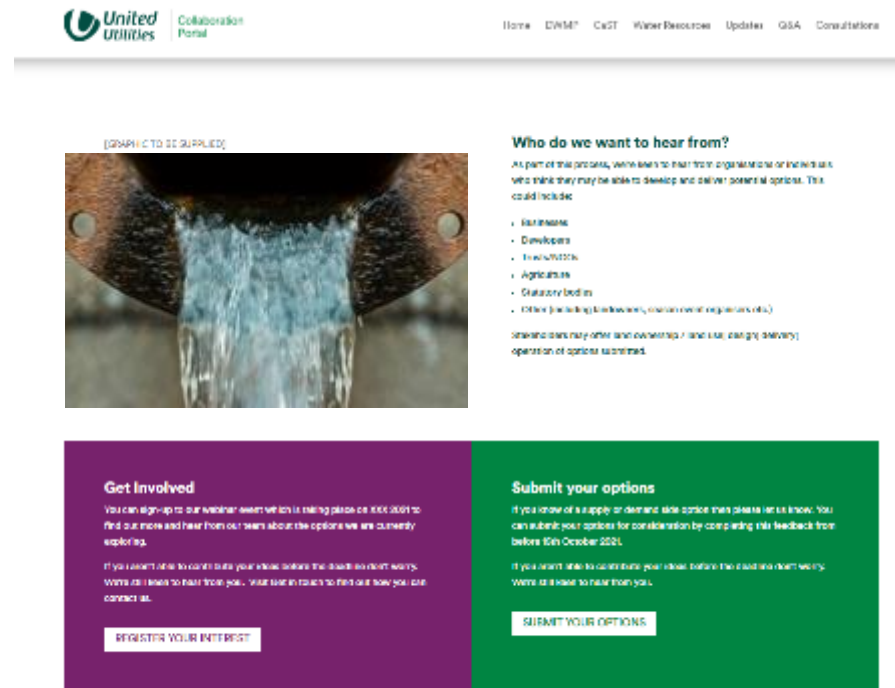
# Understanding the need...



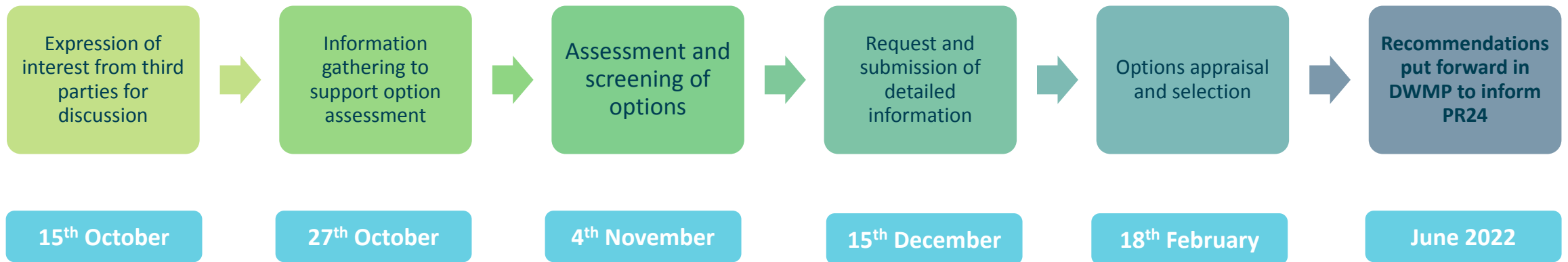
# Market Engagement

We've used a variety of methods to drive engagement with the process

- Formal notification via 'Prior Information Notice' (PIN)
- Targeted engagement with identified stakeholders through webinar
- Advertising on social media, via press releases
- Use of industry journals
- Use of Collaboration Portal to advertise and for organisations to submit responses



# Assessment Process / Timeline



*Please note the earliest we will be looking to implement options is 2025-2030.*

# Information required

## 1. Expression of interest via collaboration portal

The type of option

Your role

Brief description of the option

Contact details



# Information required

## 2. Detailed proposal via PIN

Details of location and mapped information

Further work required to investigate the feasibility

Detailed description

Costs

Quantified benefit (e.g. water attenuated or KG nutrient removal)

Risks and uncertainties

Details of relationships with other partners

Timescales

# Screening criteria

## 1. COST

Capital cost – what would it cost to install this option

Operational cost – what is the ongoing cost to operate and maintain the option

## 2. PERFORMANCE

What performance benefit does the option bring against the DWMP objectives

E.g. risk of sewer flooding, pollution etc.

## 3. WIDER BENEFIT / IMPACT

Information to understand the wider costs and benefits of an option

This will feed into our overall Natural Capital assessment

# Submitting options via the portal

**United Utilities** Collaboration Portal

Home DWMP CaST Water Resources Updates Q&A Consultations

### Get Involved

You can sign-up to our webinar event which is taking place on 29th September 2021 at 2.30pm to find out more and hear from our team about the options we are currently exploring.

If you aren't able to contribute your ideas before the deadline don't worry. We're still keen to hear from you. Visit [Get in touch](#) to find out how you can contact us.

REGISTER TO ATTEND

### Submit your options

If you know of a supply or demand side option then please let us know. You can submit your options for consideration by completing this feedback form.

SUBMIT YOUR OPTIONS

Which of the following best describes the type of option you are submitting?

☐ Surface water management

☐ Catchment management

☐ Demand management

☐ Capacity improvements

Which of the following best describes your role?

☐ Land owner or land user

☐ Design

☐ Delivery

☐ Operation

☐ Other

Please tell us more:

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- Our collaboration portal is the easiest way to submit options: [www.collab-uu.co.uk/dwmp-portal](http://www.collab-uu.co.uk/dwmp-portal)
- 'Submit your options' is located at the bottom right of the landing page
- Simple feedback form with contact details and five questions about your potential option
- Opportunity to include further information or ask questions.
- United Utilities team will be in touch with options that are being considered or explored further