

The background of the slide is a photograph of a natural landscape. In the foreground, there are out-of-focus green bushes. Behind them is a calm pond reflecting the surrounding greenery. The background is filled with a dense forest of tall trees with vibrant green leaves, suggesting a healthy, wooded area.

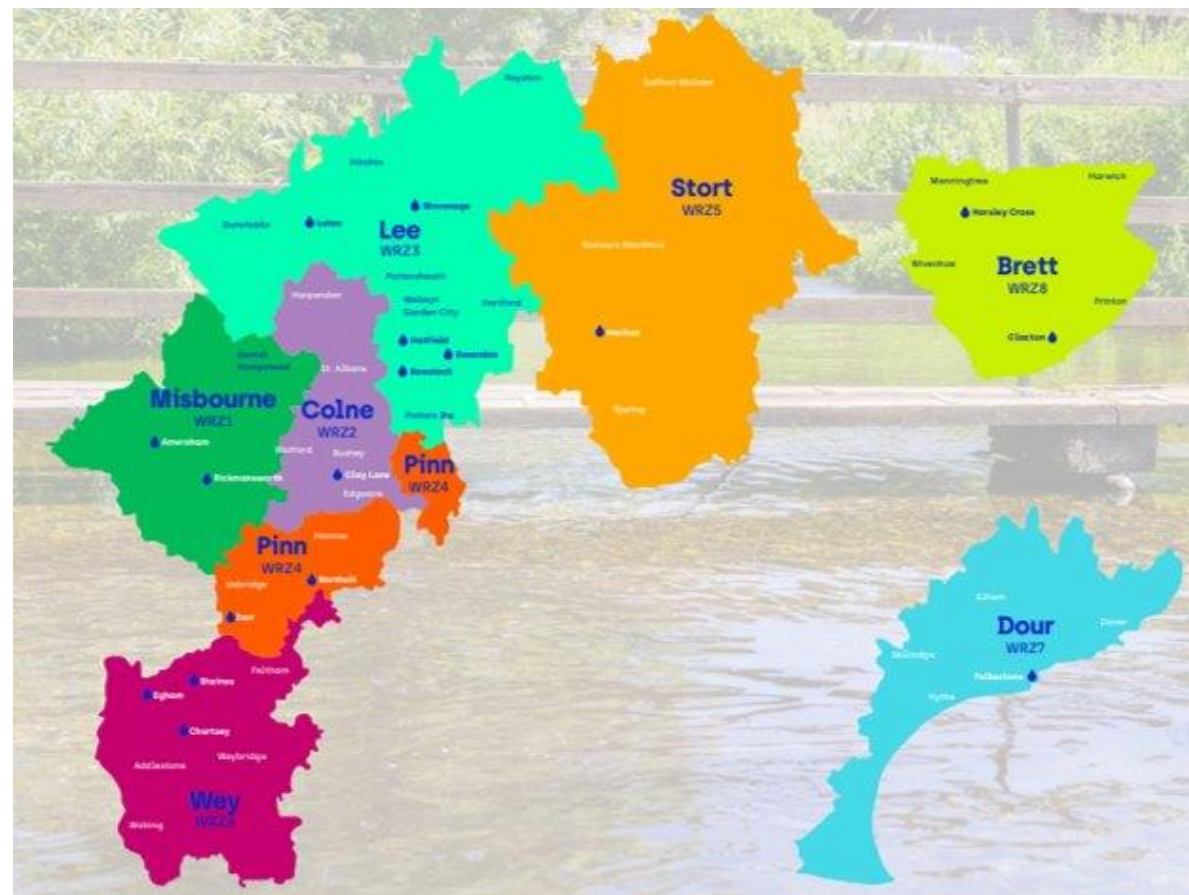
Water Resources Management Plan (WRMP)

Amy Pryor – Environmental Town Planner

Affinity**Water**

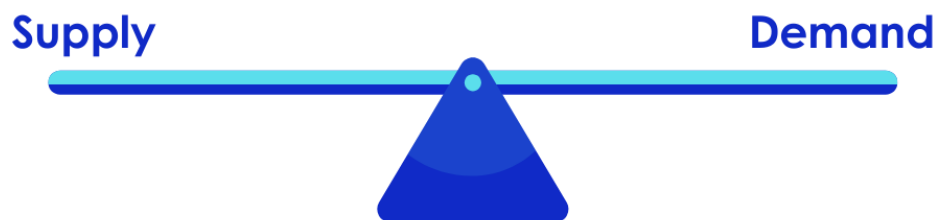
AFFINITY WATER OVERVIEW

- Affinity Water are the largest water only supply company in the UK
- Supply water to three regions, which are divided into 8 Water Resource Zones.
- We supply on average **936 million litres** a day



WATER RESOURCES MANAGEMENT PLAN (WRMP)

- Every 5 years we produce a Water Resources Management Plan that looks at planning water resources in the future.
- It sets out how we intend to maintain the balance between water supply and demand for a minimum 25 years – current plan up to 2075.

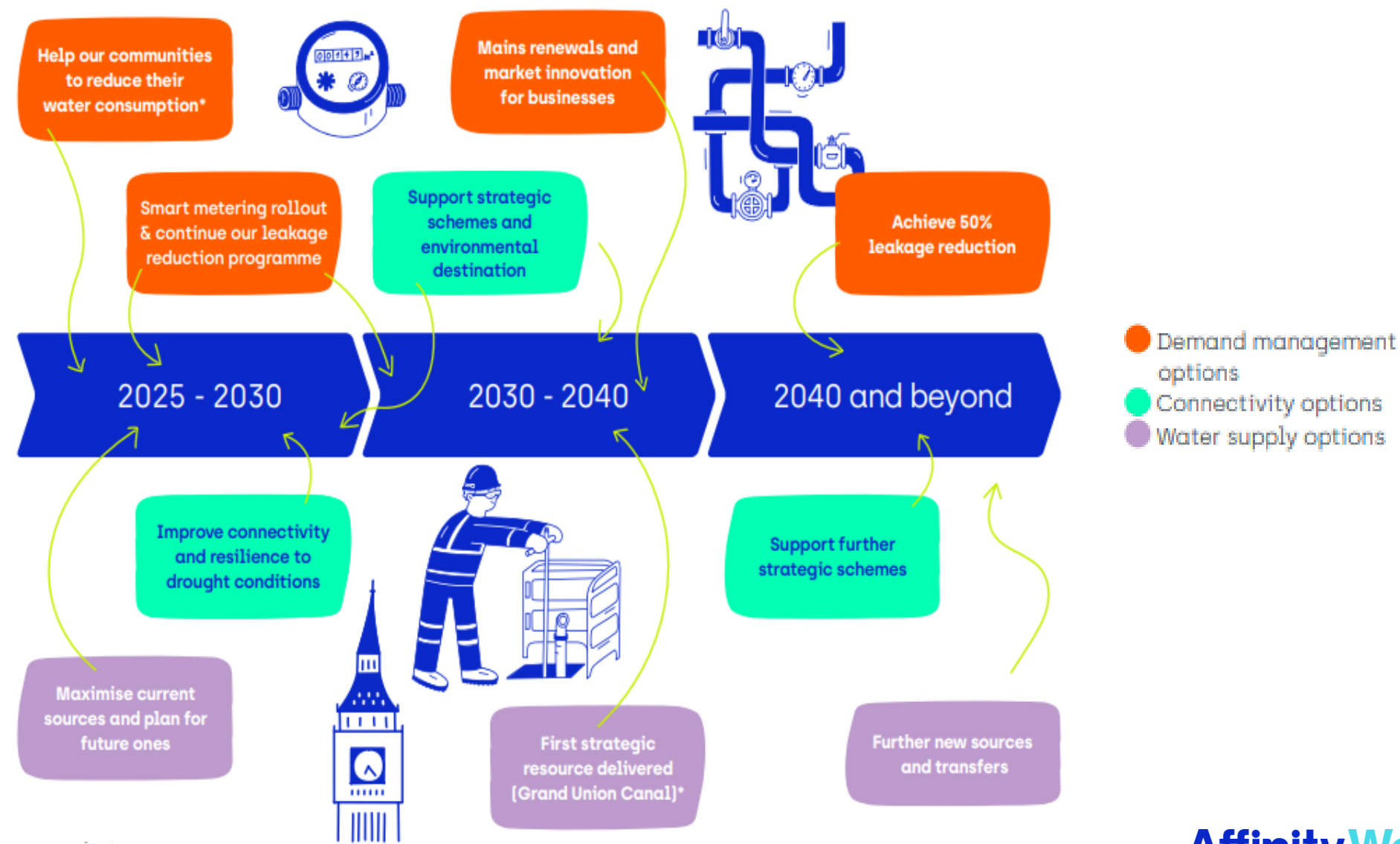


- In a step change for the water industry, we have worked as an alliance with other water companies on two regional plans. Seven of our WRZ's are in Water Resources South East (WRSE) and Brett is in Water Resources East (WRE).

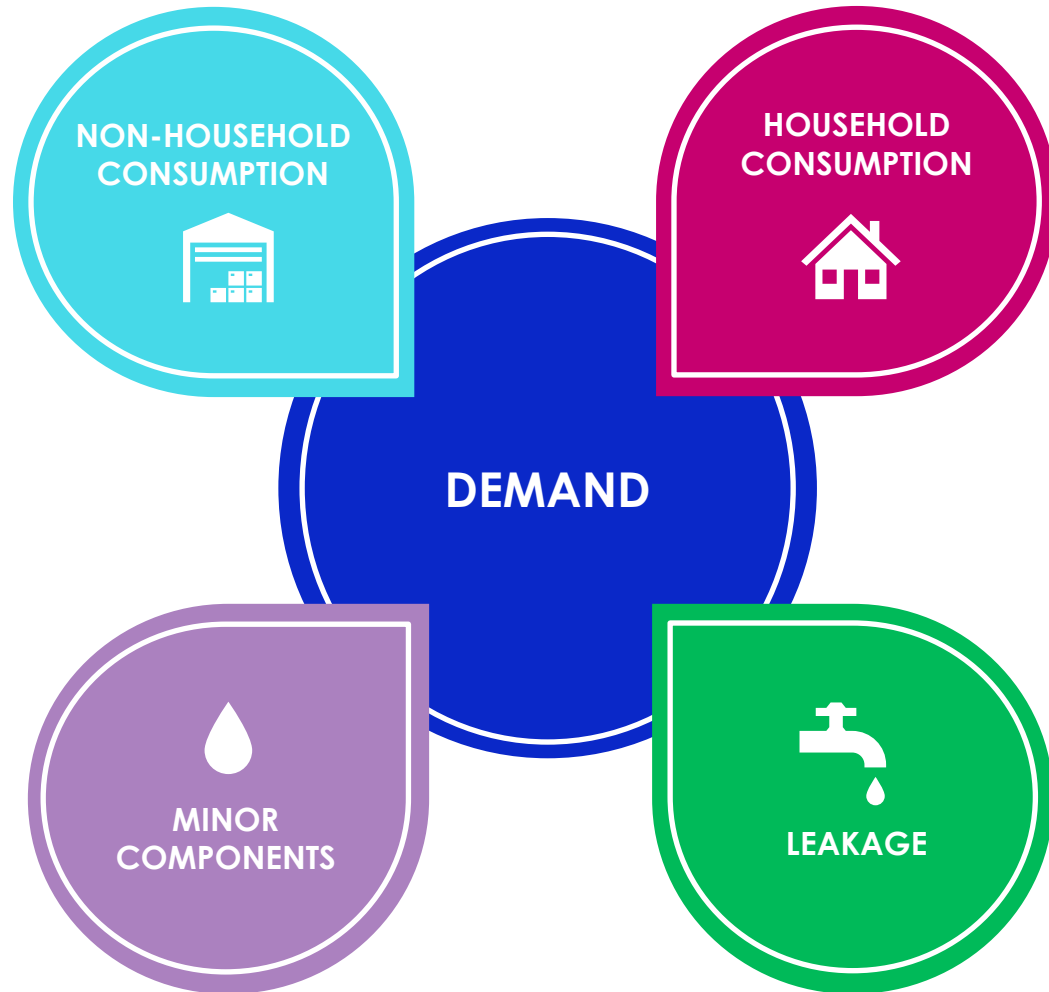
Our WRMP24 was published on 18 October 2024



OUR PLAN IN SUMMARY



DEMAND



Per Capita Consumption (PCC) =
$$\frac{\text{Household Consumption}}{\text{Household Population}}$$

CHALLENGES

- **Population Growth**
 - 10% increase
- **High PCC**
 - ~155 litres per head per day
- **Leakage reduction**
- **Climate Change**
 - Changes in intensity and frequency of extreme events during summer and winter months
- **AI data centres**
 - Government agenda to ramp up AI adoption

SUPPLY

- Increasing network connectivity between water resource zones to increase supply resilience



CONNECT 2050

- Series of internal interconnectors built to support the SROs and move water within our Central region
- Continues throughout the planning period all the way to 2050



THE GILSTON AREA

- Any new demand will be accommodated through a combination of internal and external transfers
- This will require additional network reinforcement (e.g. new booster stations)
- No additional local groundwater abstraction will take place as the local abstraction licences have been capped to a historic baseline
- New demand already forecasted in our WRMP24



WRMP24 DOCUMENTS

<https://affinitywater.uk.engagementhq.com/wrmp>



AffinityWater

A serene landscape featuring a calm body of water in the foreground, reflecting the surrounding greenery. A dense thicket of tall, green reeds or grasses grows along the shoreline. In the background, a forest of trees with lush green foliage is visible. The overall scene is peaceful and natural.

Thank you

Any Questions?

AffinityWater