

About us



Serve 5 million customers

Supply 1.3 billion litres of drinking water every day

Treat 1 billion litres of waste water every day

Manage 120 reservoirs, 600 waste water treatment works, 55 drinking water treatment works and 83,000km of pipes

One of Yorkshire's largest landowners 29,000ha

Dependant on weather and climate for our core business











Climate change projections for Yorkshire

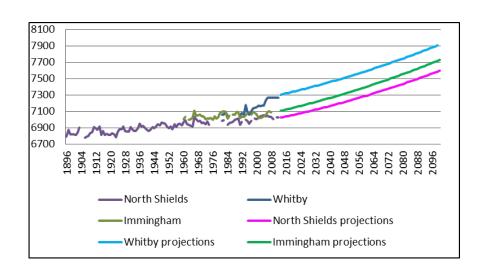


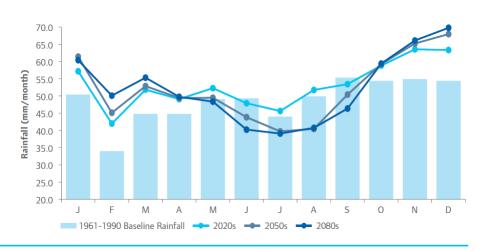
Changing rainfall patterns
Increase in rainfall intensity
Sea level rise
Gradual warming
Increased storminess
More variable, more extreme
weather

Other challenges as well

- Population
- Development/Urban creep
- Affordability

http://ukclimateprojections.metoffice.gov.uk/











YW approach to climate change since ARPI





Impact and vulnerability assessment



Strategic risk assessment

Position paper



Detailed risk assessment



Detailed strategy



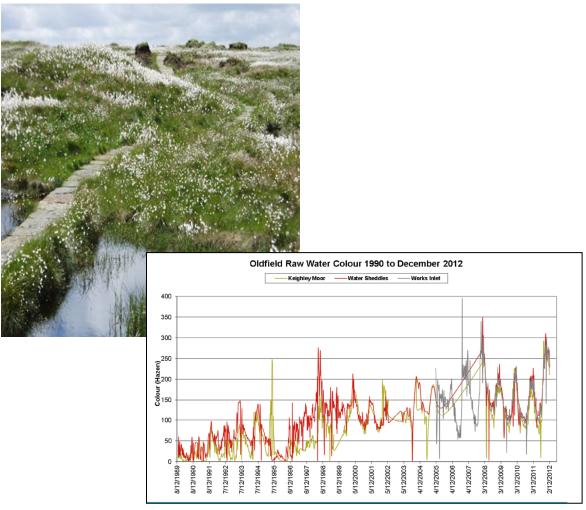
Embedding the strategy



Supplying safe and clean water









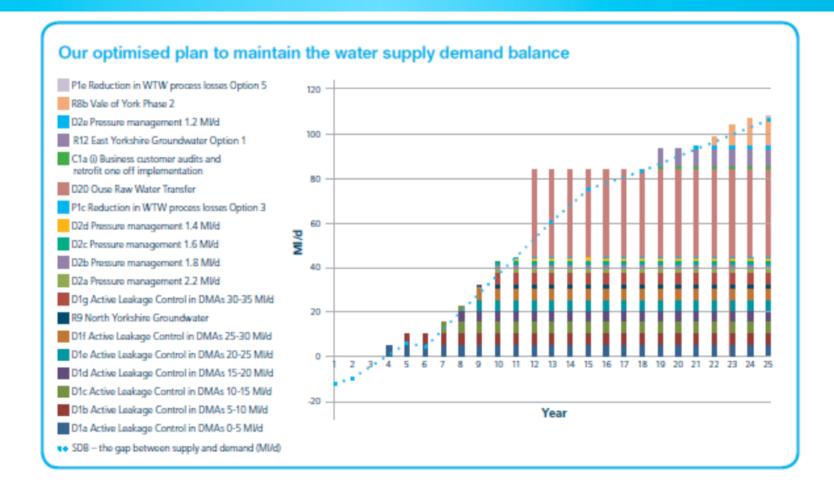






Making sure you always have enough water





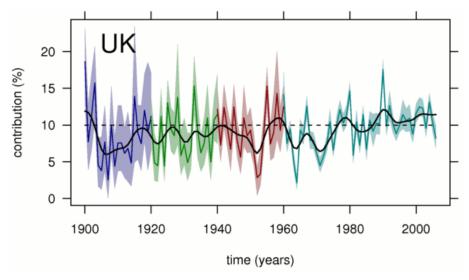






Addressing sewer flooding

















Managing land and water sustainably











The future.....



- Further quantification of risk eg landslips
- Resource recovery (phosphorous)
- Dynamic consenting and real time catchment management
- Ecosystem services valuation
- Impact of climate change on crop growth and use of farm chemicals
- Saline intrusion of coastal aquifers
- Interdependencies
- How climate change affects UK winters





Thanks for listening

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