

Yorkshire Water and Highways Authorities

APSE Highways Winter Forum October 2025

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Agenda

- Context setting
- Interdependencies
- Case Study 1: Rosemead Street
- Case Study 2: WHAM
- Cose / Question

Context setting

YW asset base



2,483 Sewerage Pumping Station



53,000km of sewer network (rising mains, sewers etc) and 32,000km of clean water pipes.



2,190 Combined Sewerage Overflows

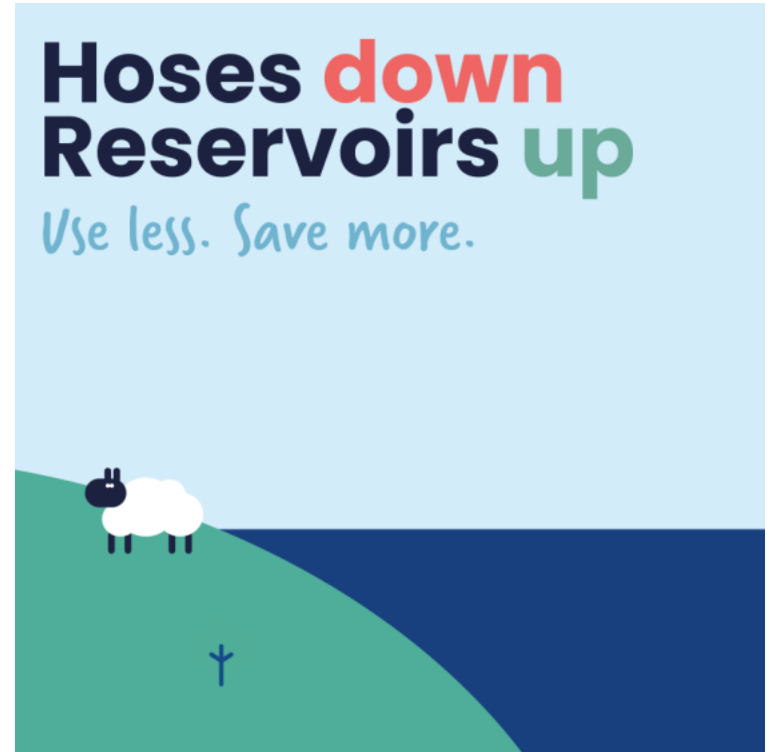


Collect, treat and return 1.9 billion litres of wastewater and rainwater every day



Climate change

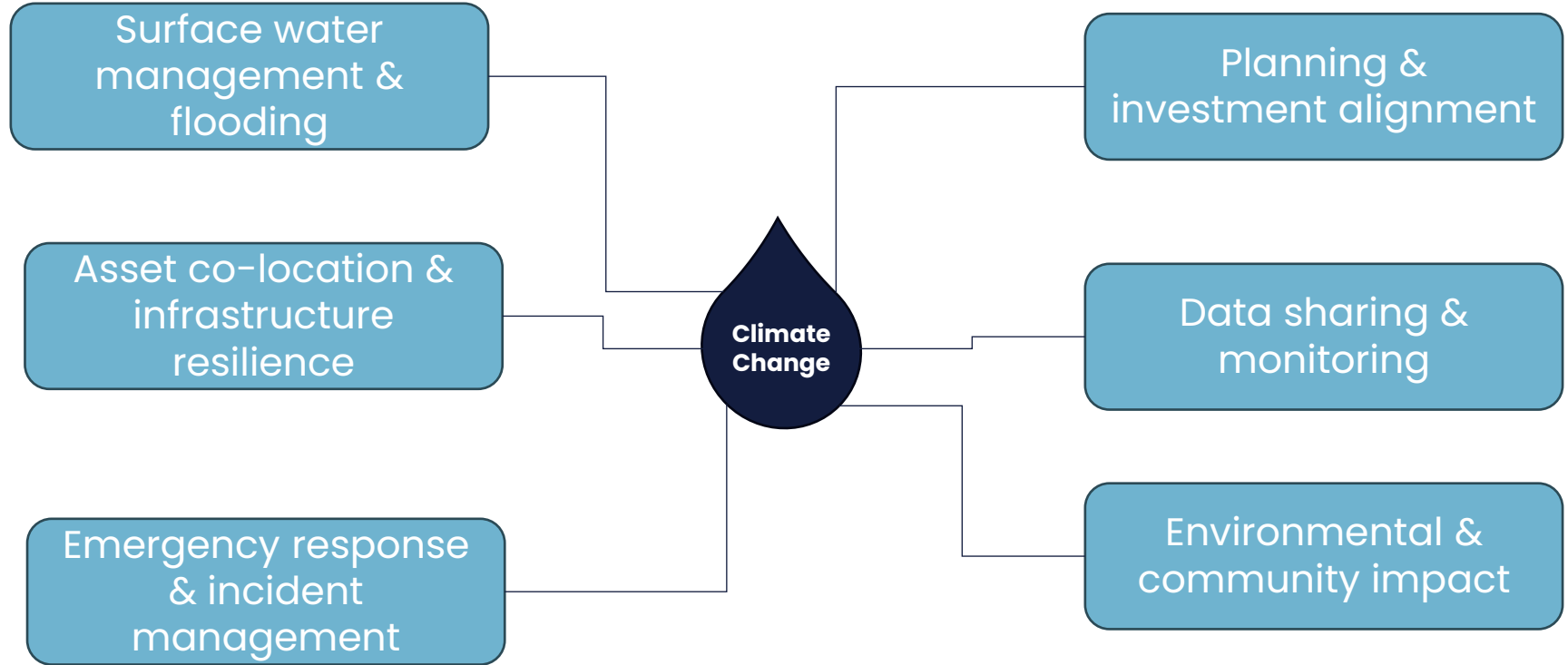
- Climate change, plus human intervention, is driving an erratic water cycle.
- In 2024, 60% of rivers globally showed either too much or too little water and it was the 6th year in a row showing an erratic hydrological cycle globally.
- Demonstrated at a local level by the 2025 drought, with reservoir levels falling to ~30%, with only January and July experiencing average rainfall levels – all other months had 65% of average rainfall or lower.
- Reservoir levels then increased by 14.8% in 7 days due to intense rainfall.



Source: [WMO – State of Global Water Resources 2024](#)

Interdependencies associated with climate change

Interdependencies



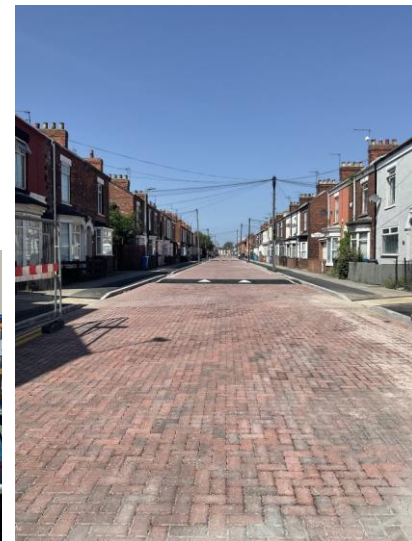
Case studies

Living with Water – Rosmead Street Scheme



A partnership between Living With Water and Hull City Council housing team

- Project value = £2.4m
- FDGiA funding = £815,00
- Project duration = 6 months
- Impermeable Area Attenuated = 0.78ha
- Temporary car parks provided = 2
- Properties with reduced risk of flooding = 278 properties
- Community engagement, education and co-creation of the scheme = 350+ hours
- Residents engaged in Living with Water activities = 500+



Water on highways: action and management (WHAM)

- Bring together colleagues from all South Yorkshire Councils, Amey, Yorkshire Water and the Environment Agency to discuss:
- Review, plan and knowledge share any areas of best practice
- Meeting held on quarterly basis
- Chaired and facilitated by Connected by Water colleagues, who bring the knowledge and experience in partnership approach/working.
- The group start in 2025 and have agreed to continue in 2026



Questions & close