



# Long-term Storm Overflow Reduction Requires Partnership Working

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Southern Water's Clean  
Rivers and Seas Task Force



# The Clean Rivers & Seas Task Force

Primary aim is to reduce storm **overflows** to ensure a healthy environment and water resilient future.

The task force is responsible for **delivering pathfinder projects** through an **accelerated programme**.



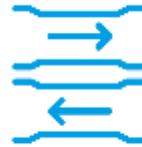
# How do we tackle them?

There are four main ways to reduce storm overflows and the harm they cause

**Source control**



**Infrastructure optimisation**

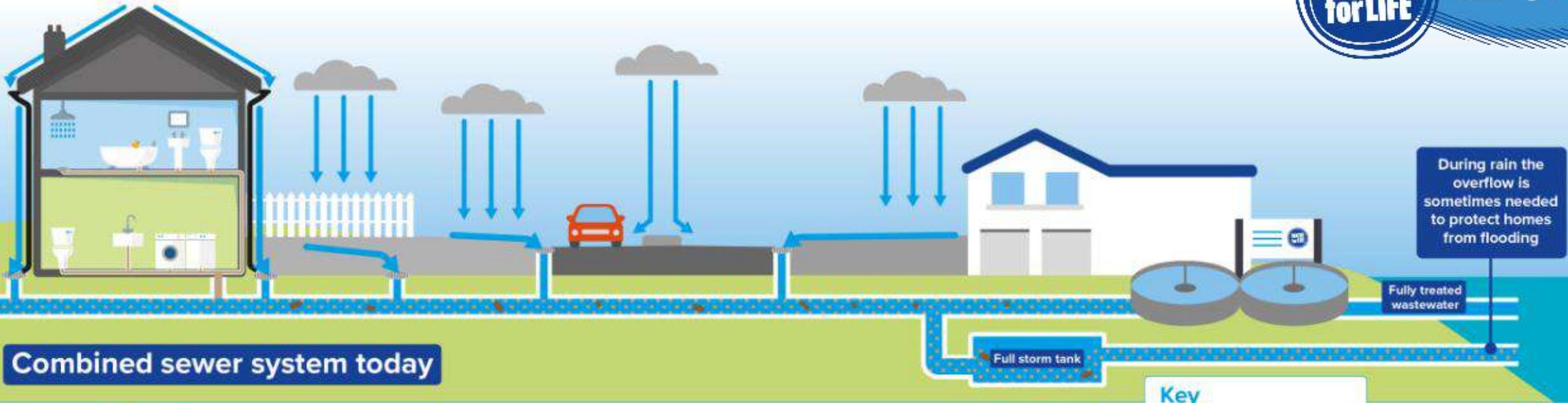


**Stormwater treatment**



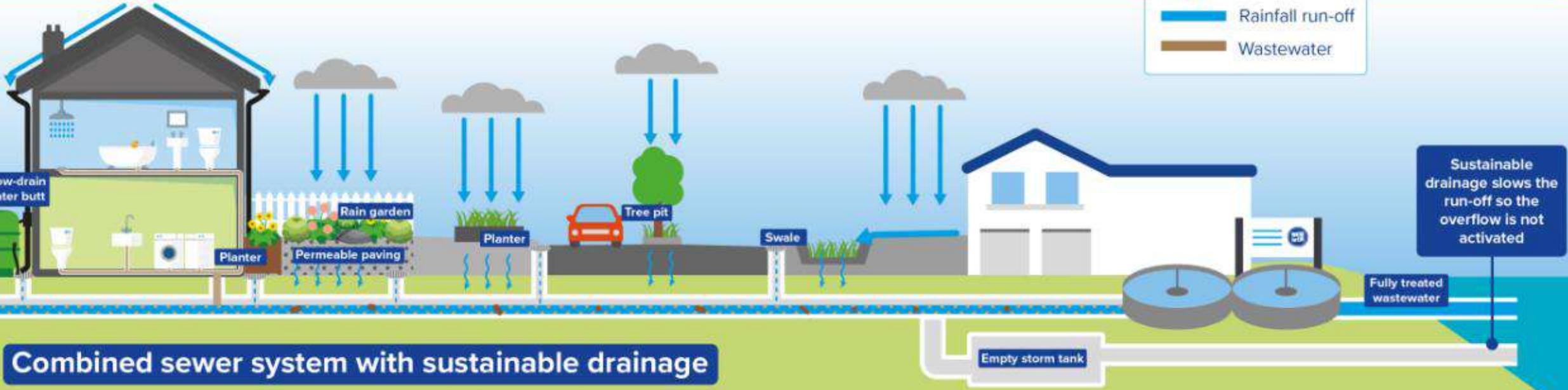
**Building bigger infrastructure**



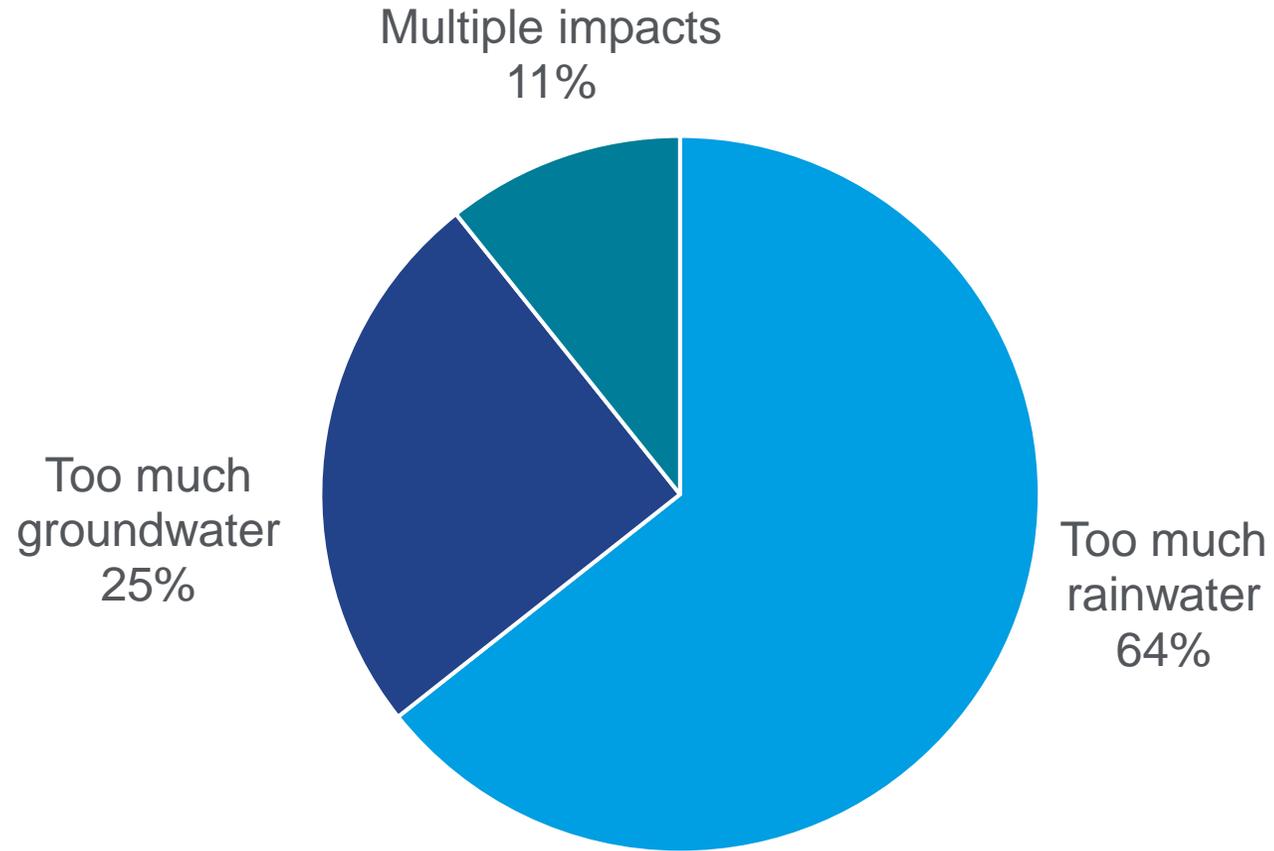


**Key**

- Rainfall run-off
- Wastewater



# Causes of storm overflows in our region



**Total storm overflow releases: 19,807**  
**Sorted by reason for release**

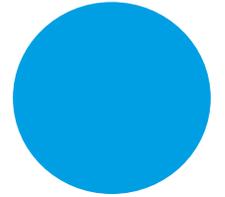
# Pathfinder projects

- ❑ Trialling solutions in a community
- ❑ Taking a holistic approach to community wastewater management
- ❑ Installing the most effective engineering solutions with the greatest added benefits.



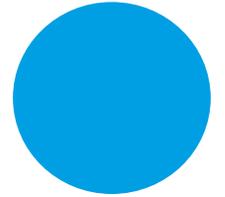
# Case study 1: SuDS in Schools

- **Issue:** Rain runoff from school roofs
- **Partnership:** Department for Education
- **Investment:** £900k match funded
- **Installed:** Raingarden planters at 43 schools, with another 50 this year

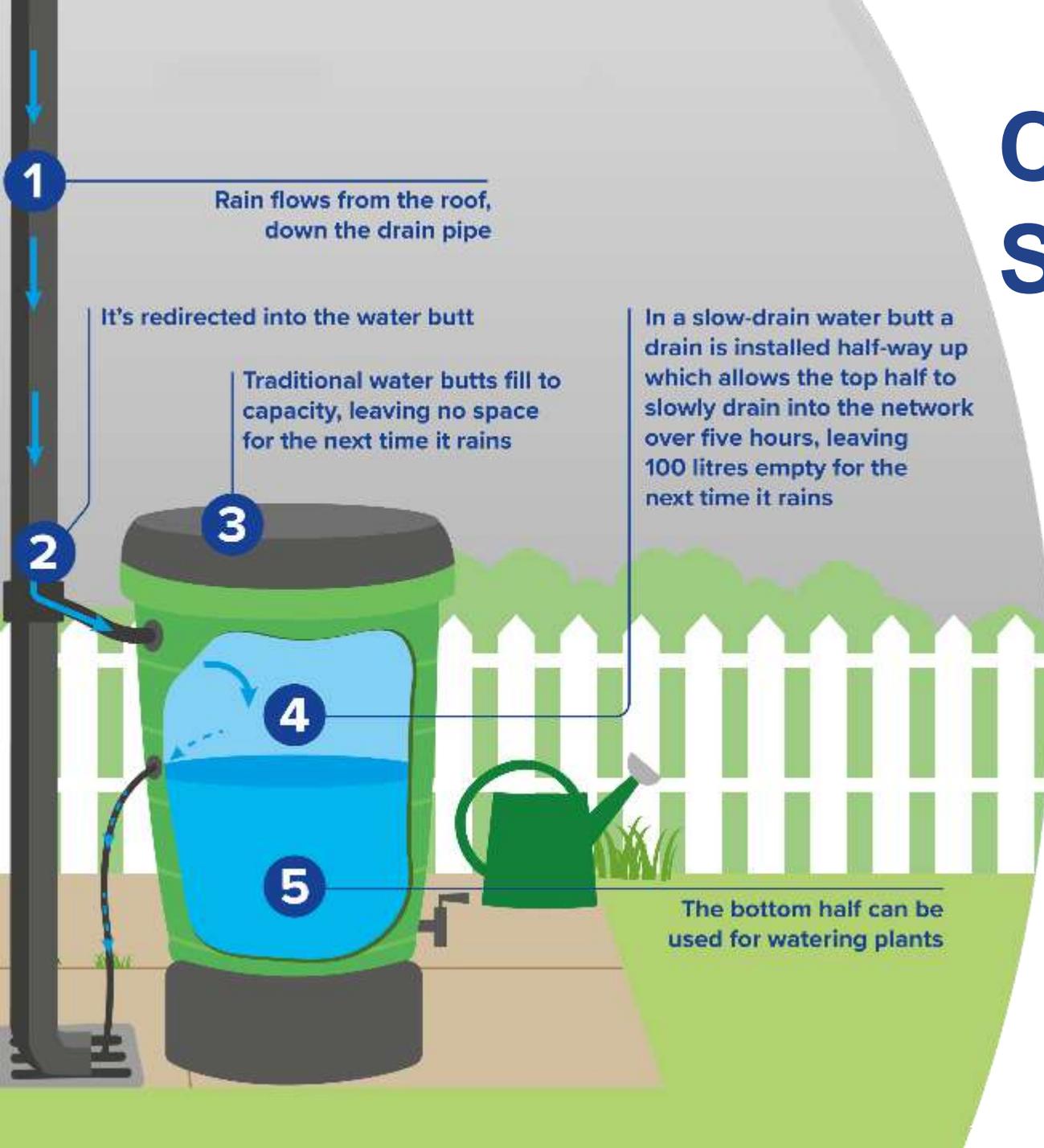


# Case study 2: Tubogel

- **Issue:** Groundwater entering private pipework and flooding the network
- **Partnership:** Customers, Parish councils and local authorities
- **Investment:** £2.3 million
- **Work:** Sealed over 1.2km of private pipework and over 250 leaking joints



# Case study 3: Slow-drain water butts



- **Issue:** Rain runoff from households; passive water butts aren't enough
- **Partnership:** Customers and Parish council
- **Investment:** £20k
- **Installed:** 132 slow-drain water butts

# Ask me about...

## Optimising assets



## Highway schemes



## Misconnections



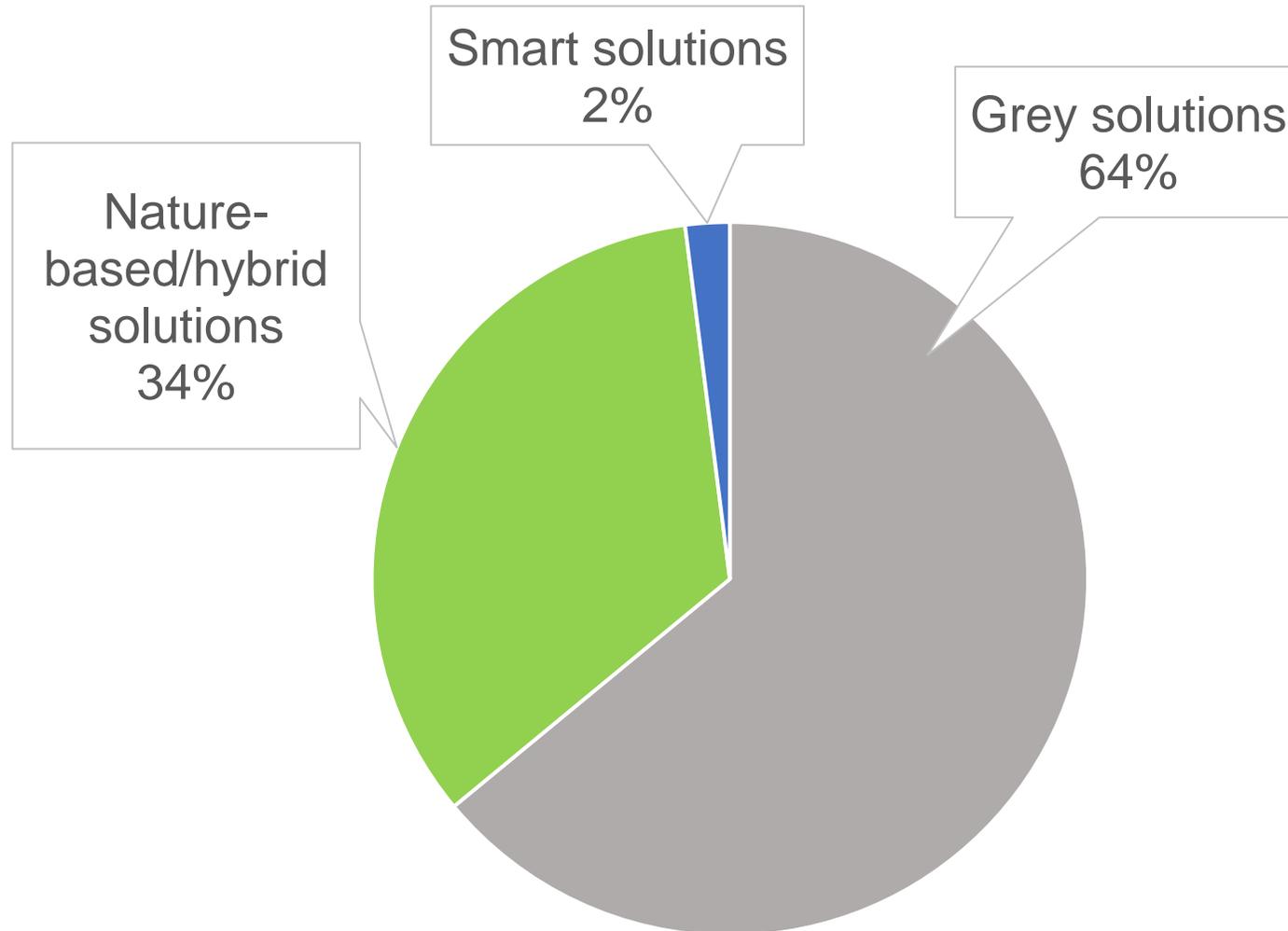
## Wetlands



## Innovation



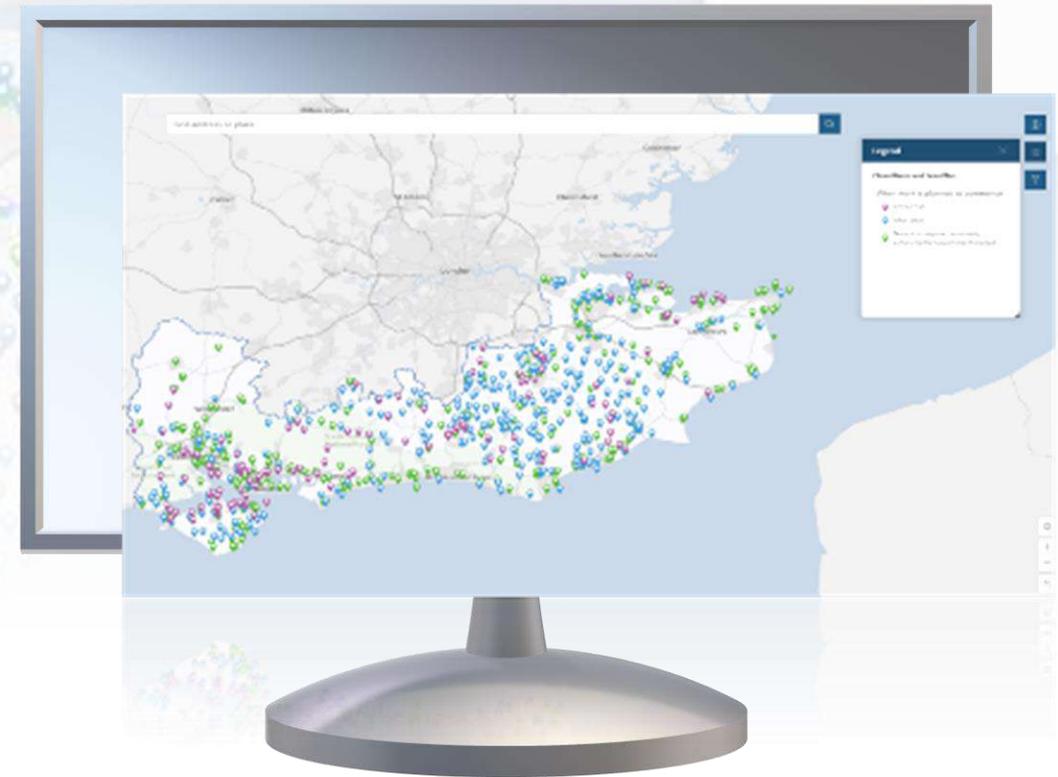
# Industry is embracing nature-based solutions and community schemes



# Clean Rivers and Seas Plan

How we intend to reduce  
storm overflows across  
our region

Prioritising green  
solutions over grey



# Transport

# Government estates

# Councils & local services

# Environmental



# Thank you



Storm Overflows and Clean Rivers and Seas Task Force [www.southernwater.co.uk/our-performance/storm-overflows](http://www.southernwater.co.uk/our-performance/storm-overflows)



Clean Rivers and Seas Plan [www.southernwater.co.uk/cleanriversandseasplan](http://www.southernwater.co.uk/cleanriversandseasplan)



Beachbuoy [www.southernwater.co.uk/water-for-life/beachbuoy](http://www.southernwater.co.uk/water-for-life/beachbuoy)