

Environmental Priorities over the long term

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The Environment in PR09

- Context
- Challenges we face
- Priorities for action now and in the longer term
- Delivering sustainable solutions
- Outcomes



Context

- Defra water strategy and WAG water policy statement
- Government Guidance
- Ofwat methodology
- River Basin Management planning
- Water companies will produce:
 - Strategic Direction Statements
 - Water resource management plans
 - Draft and final business plans
- Customer Priorities

Pressures

- Climate change
- Growth / Development
- Maintain and improve water quality
- Resilience of infrastructure
- Sufficient water



National Environment Programme



- Environmental improvements under existing and new Directives
- Restoring sustainable abstractions
- Programme of evidence building for River basin plans in 2015
- First phase Thames Tideway



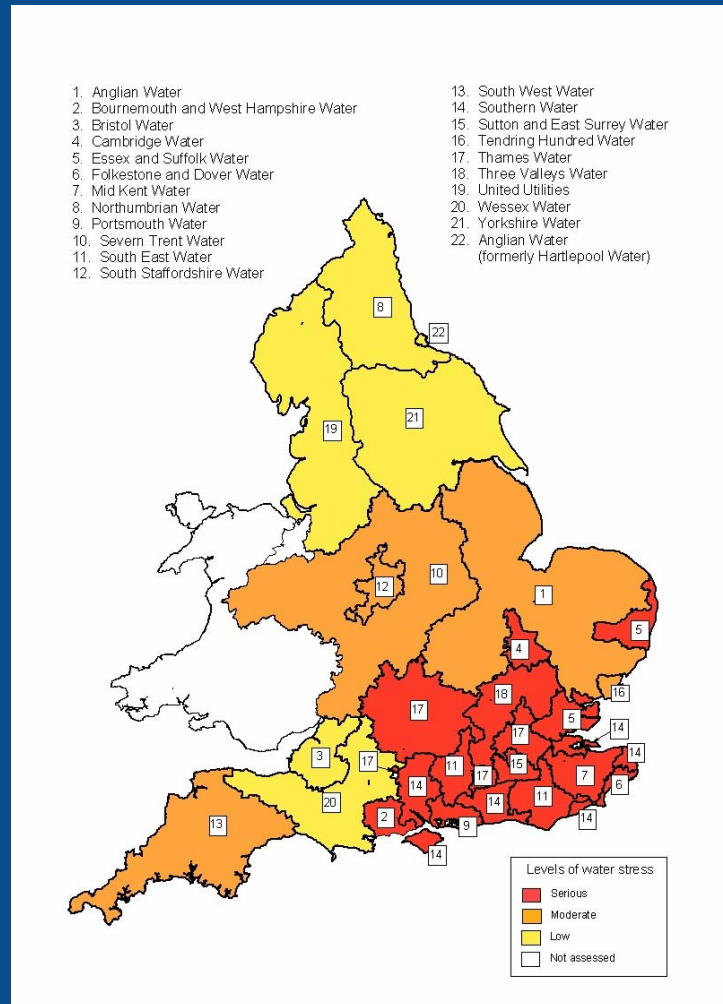
Maintenance, Improvement and Protection of Infrastructure

- Secure existing achievements
- Critical infrastructure and resilience
- Information and evidence for future investment



Supply demand balance

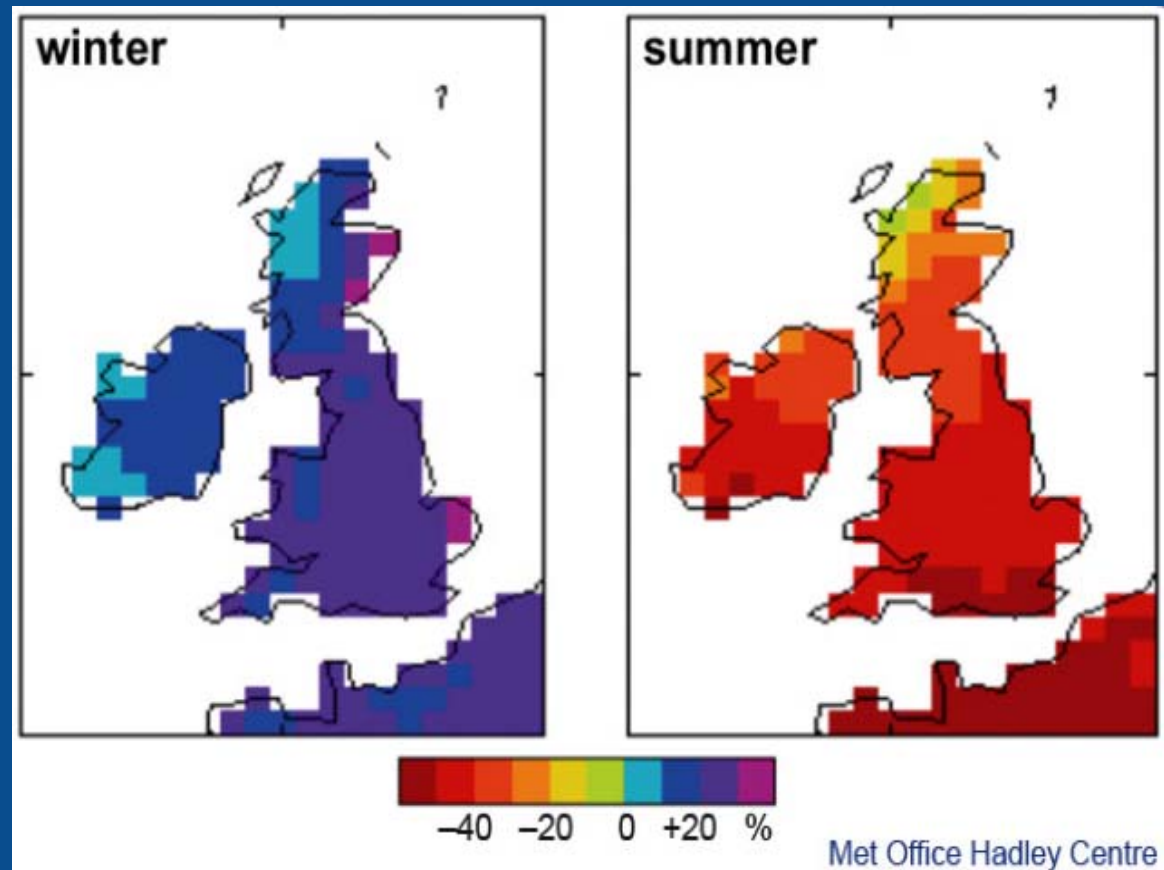
- Supply demand balance / twin track
- Metering in water stressed areas
- Meet increased demands in growth areas – wastewater



Current levels of water stress in England

Climate change

- Mitigation / adaptation to climate change
- 25 year sewerage and drainage plans
- Seek to reduce in GHG emissions
- Shadow cost of carbon in options appraisal



Delivering solutions

- Aligning delivery mechanisms
- Phasing
- Flexibility and innovation
- Cost effective solutions
- Evidence base for future investment decisions
- Local variation



Environmental outcomes



Broader outcomes

- Customers know what they are paying for and value it
- Integrated solutions delivering multiple benefits
- Sustainable environmental improvements
- Risk based approach to the protection of critical infrastructure
- Supply demand balance is clearly based on twin track
- Thames Tideway construction on schedule

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