

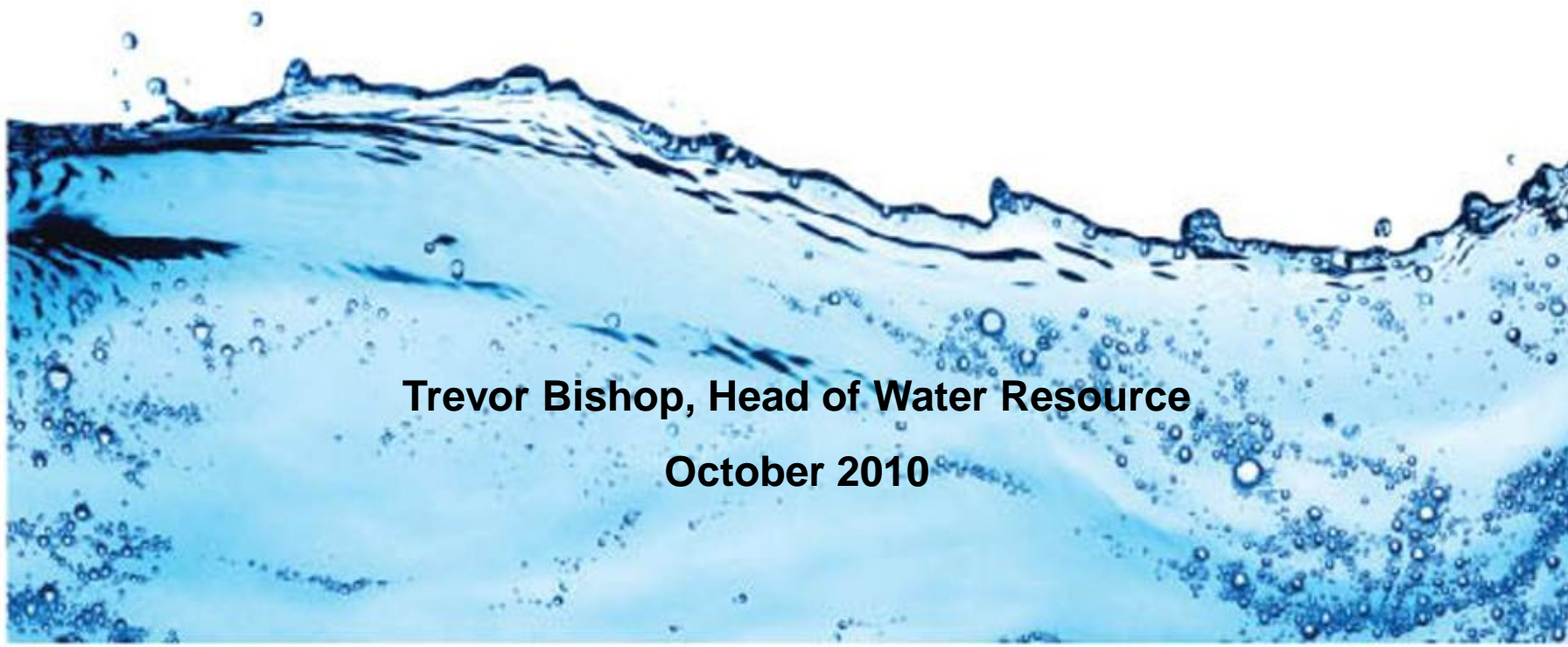
water  
for people and  
the environment



# Environment Agency Perspective on Integrated Water Management

**Trevor Bishop, Head of Water Resource**

**October 2010**



# Environment Agency Perspective on Integrated Water Management

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- Integrated Planning
- Integrated Management and Operation
- Integrated Regulation
- Beyond water



# Environment Agency Perspective on Integrated Water Management

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## How are we doing today?



# Integrated Planning – today and tomorrow?

- **People (PWS, leisure, recreation etc.)**
  - does society get what it needs?
- **Economy (energy, agriculture, ind/commercial etc.)**
  - does the economy get what it needs?
- **Environment (healthy and sustainable?)**
  - does the environment get what it needs?



# Integrated Management and Operation – today and tomorrow?

- **Today**

- Fit for purpose, room for improvement but law of diminishing returns.

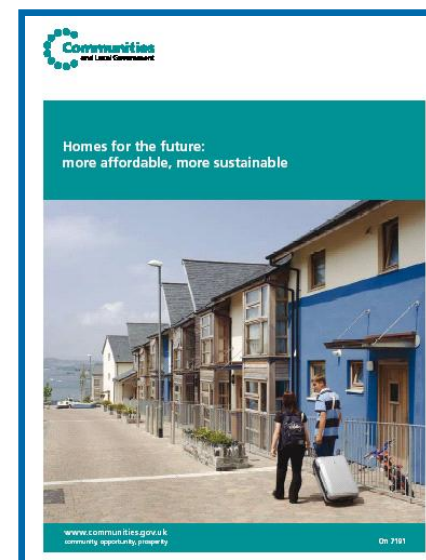
- **Tomorrow**

- Major challenge
- catchment management on PR09
- Smarter management (modulated releases to conjunctive use)



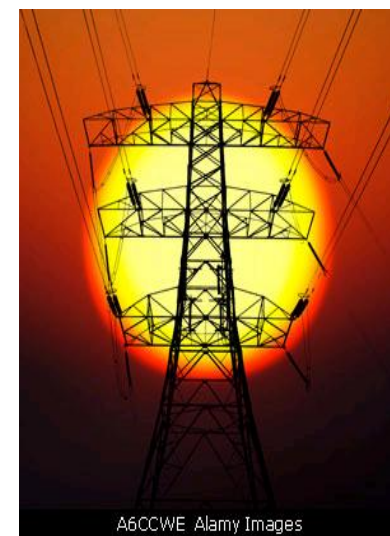
## Integrated Regulation – today and tomorrow?

- **Today**
  - Subject to review (Water White Paper)
- **Tomorrow**
  - Funding follows Planning
  - Modern Regulation (Targets -v- Nudge)
  - Carbon v environment
  - Climate Change Adaptive Management



# Integration Beyond Water

- **Energy**
  - Carbon agenda, energy generation etc.
- **Land use**
  - **Agriculture, soil, bio fuels etc.**
- **Externalities**
  - Finance, shocks etc.



# Environment Agency Perspective on Integrated Water Management



**Climate Change  
Adaptation**

**Externalities**



**Growth**

**Climate Change  
Mitigation**

