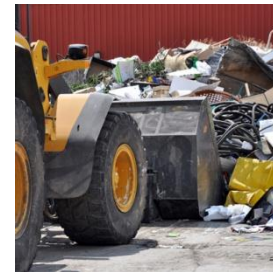
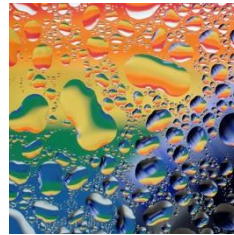


# Quantifying the Benefits of Catchment Management: The UKWIR Framework

Ofwat, 24 April 2012

Andrew Davey, WRc



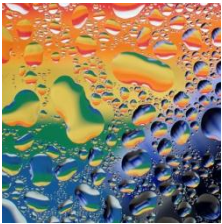








# Collaborators



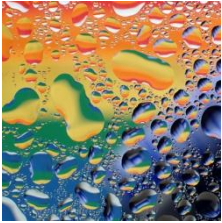




# Why is a framework needed?

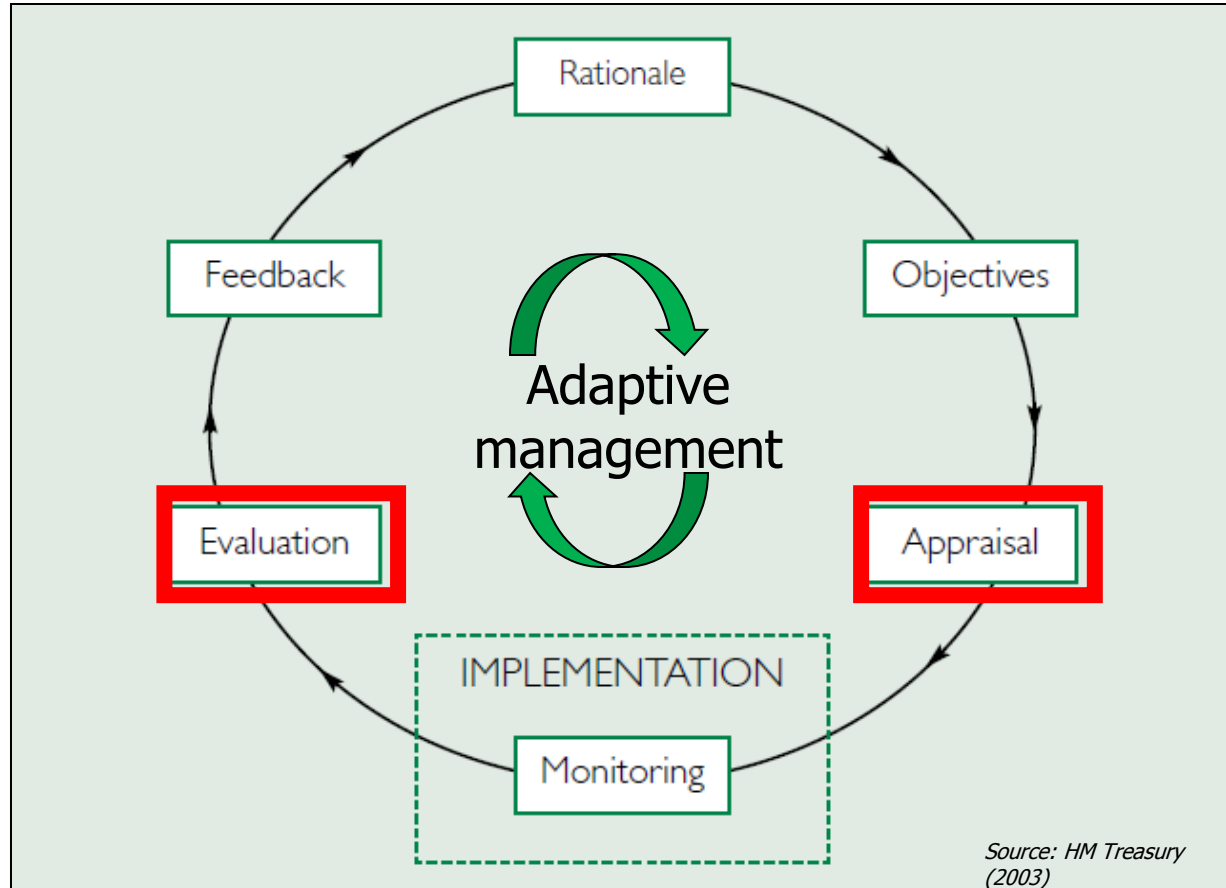
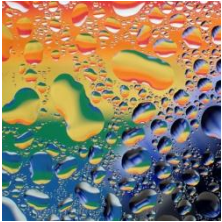


- To test and measure the effectiveness of catchment management initiatives and quantify the resulting benefits
- To provide an agreed, consistent and transparent basis for regulators to judge the success of catchment management
- To develop a stronger evidence base for supporting future investment decisions and designing more cost-effective schemes





# A framework for appraisal and evaluation



Source: HM Treasury (2003)



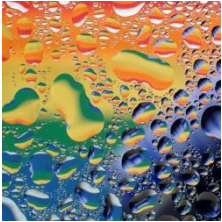
# A five stage process



**Stage A: Scoping**



**Stage B: Planning**



**Stage C: Measuring**



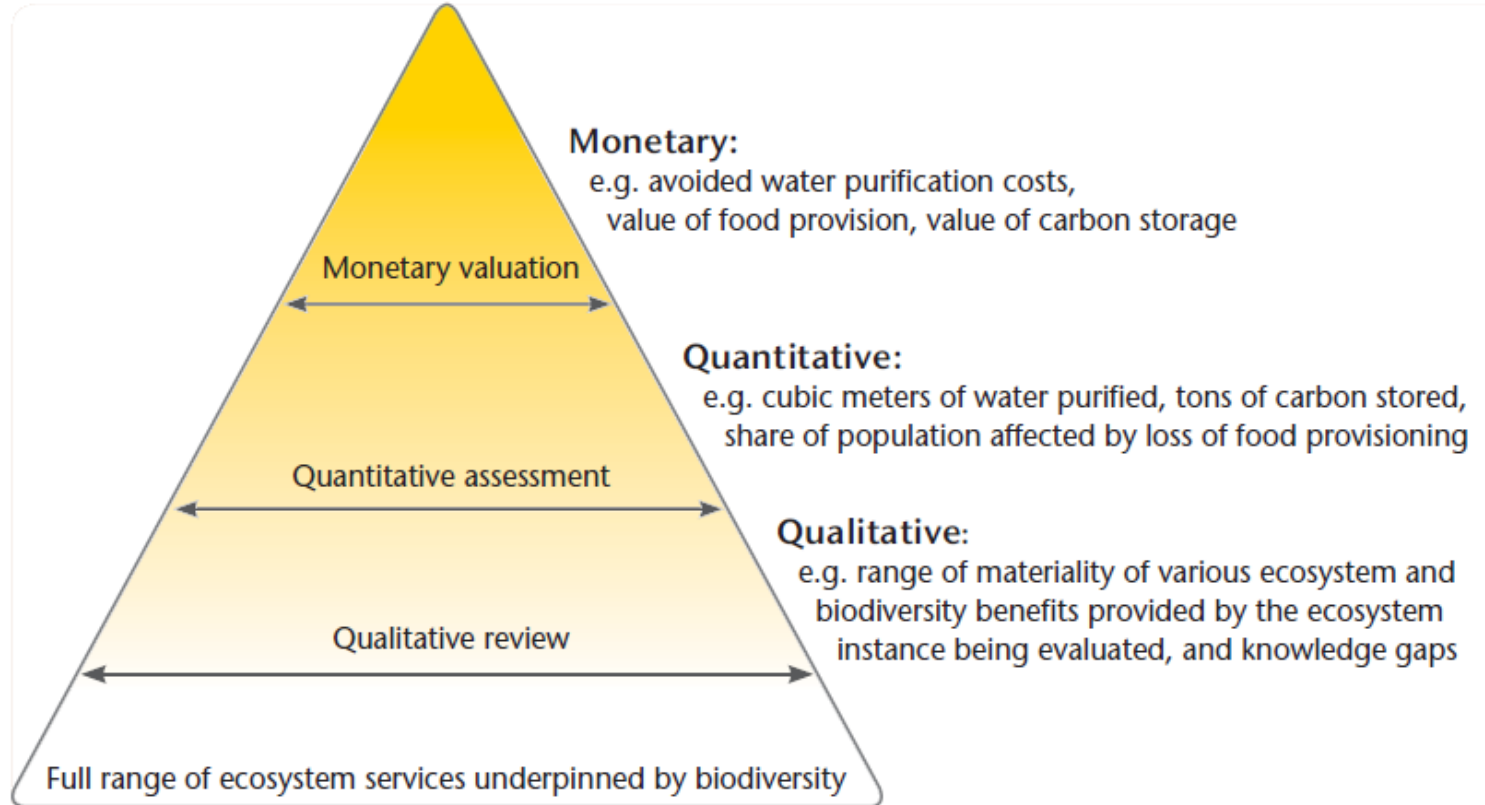
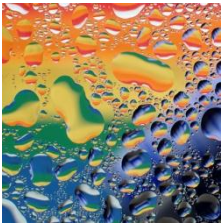
**Stage D: Valuing**



**Stage E: Reporting**



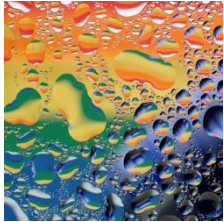
# What sort of assessment?



Reproduced from: WBCSD Guide to Corporate Ecosystem Valuation (2011)



# A proportionate approach



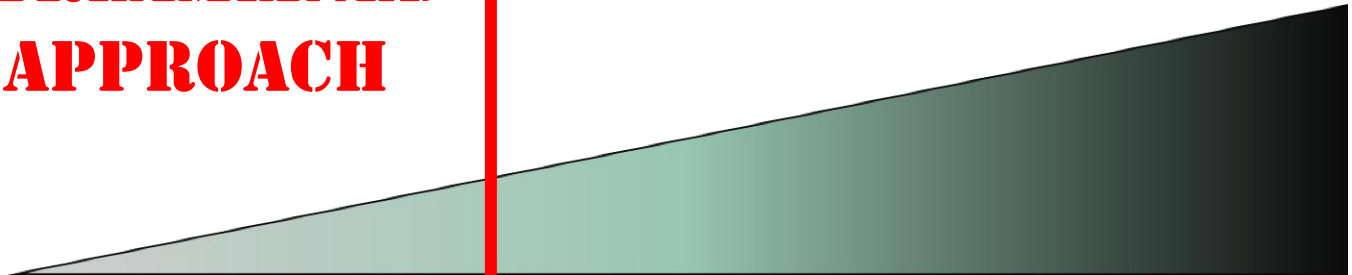
Simple  
Rapid  
Inexpensive  
Less certainty

Detailed  
Time-consuming  
More expensive  
More certainty

## **STREAMLINED APPROACH**

Small-scale,  
standard,  
predictable  
schemes

Large-scale,  
novel, risky or  
repercussive  
schemes





# Application

