

The Demonstration Test Catchments Programme

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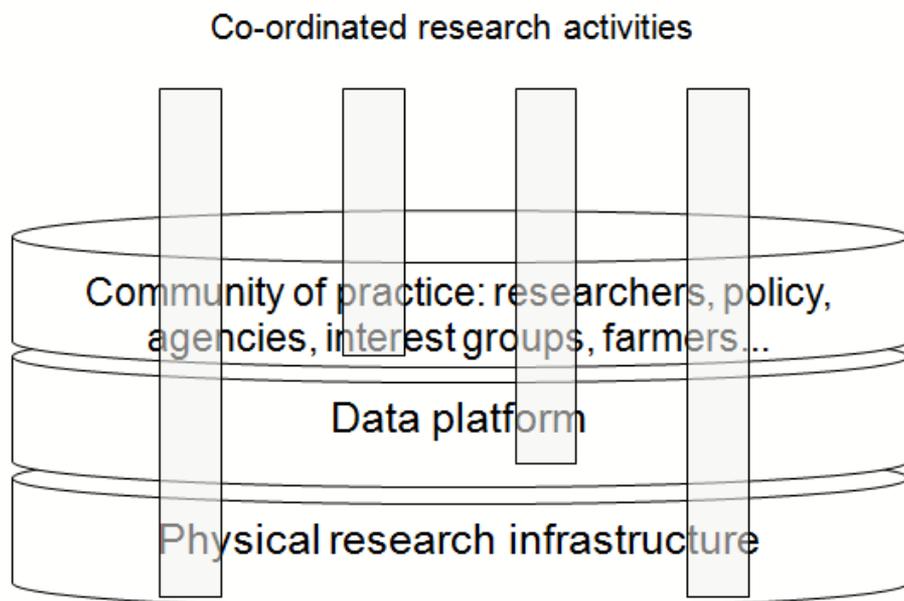
2 October 2012

DTC Programme Objectives

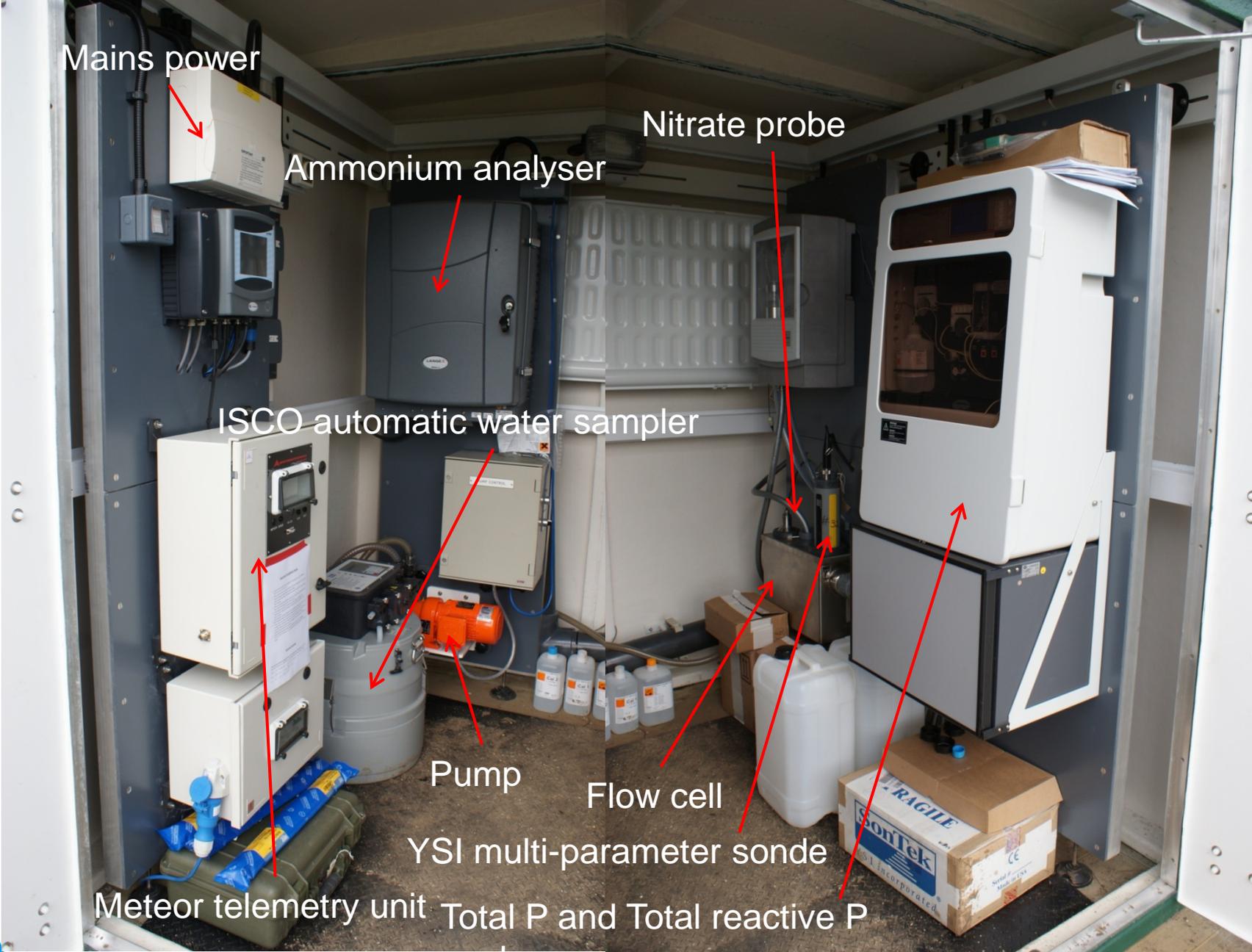
1. As a research project: to provide underpinning research, from *farm scale to catchment scale*, that informs both policy and practical approaches for the *reduction of agricultural diffuse pollution* and the improvement of *ecological status in freshwaters*, while maintaining *economically viable food production*.



2. As a research platform: to host collaborative research in the longer-term on diffuse pollution from agriculture and establish a sustainable research platform to enable short- and longer-term research questions to be answered.



Automated weather station



Mains power

Ammonium analyser

Nitrate probe

ISCO automatic water sampler

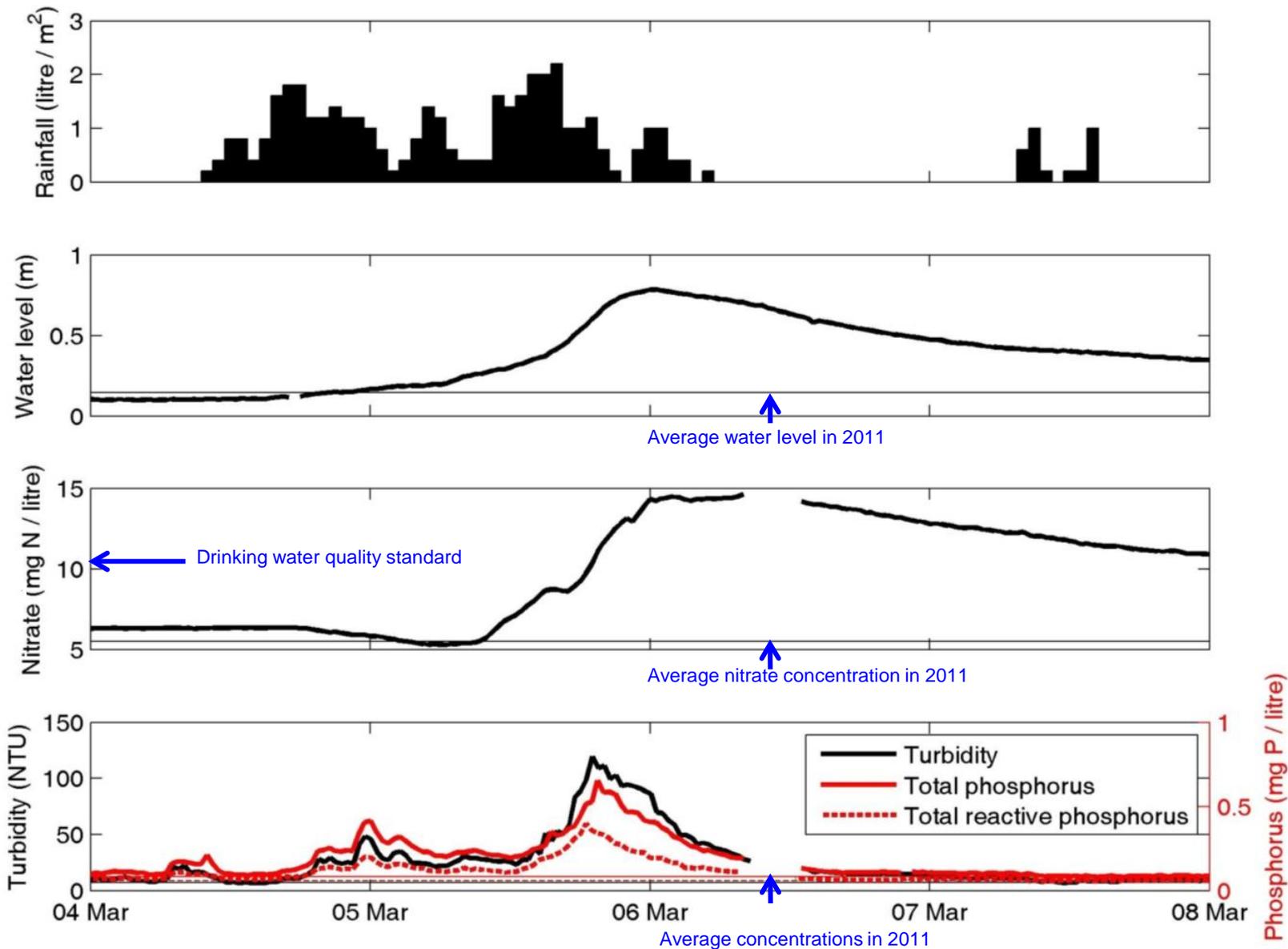
Pump

Flow cell

YSI multi-parameter sonde

Meteor telemetry unit Total P and Total reactive P

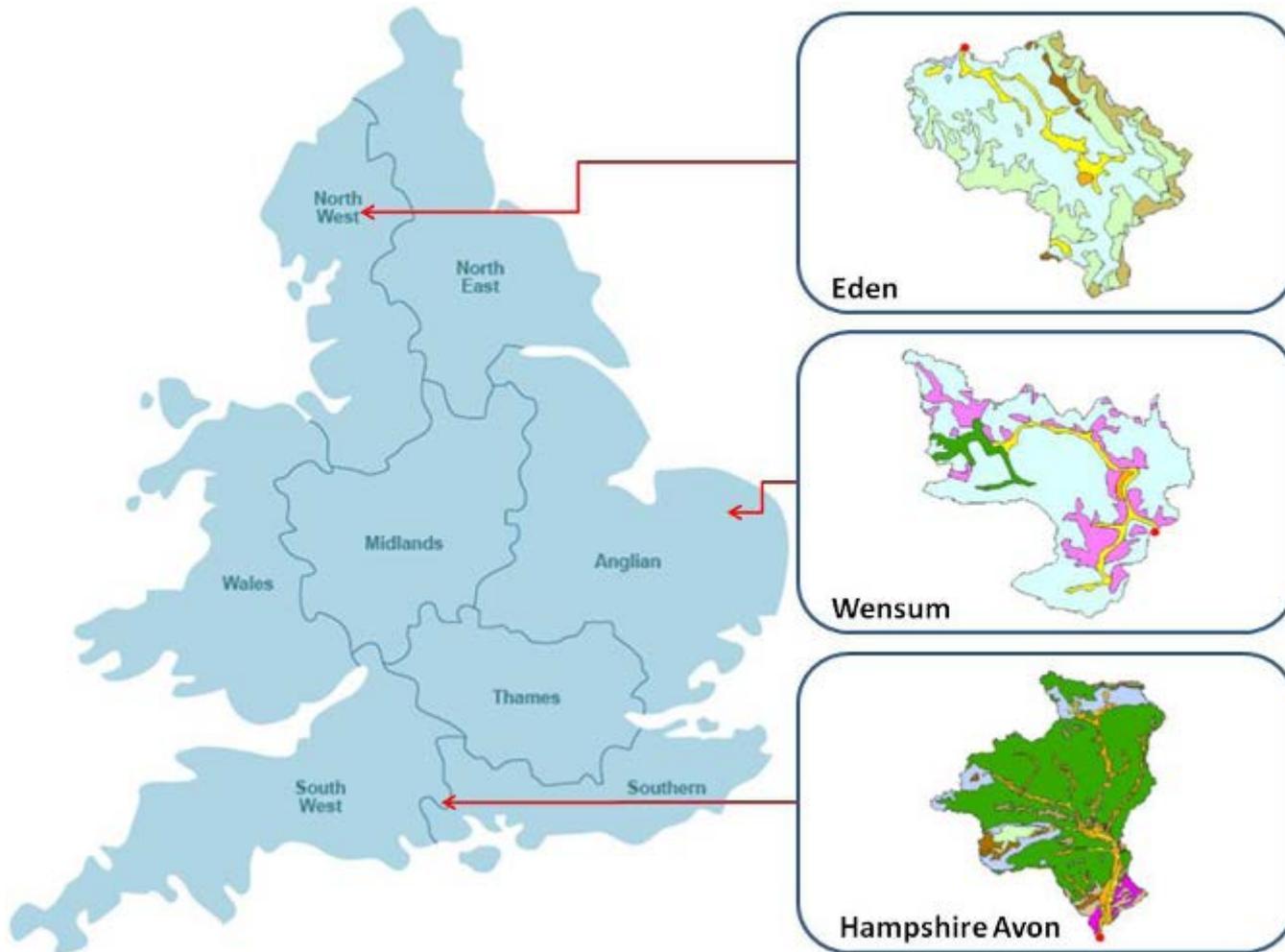




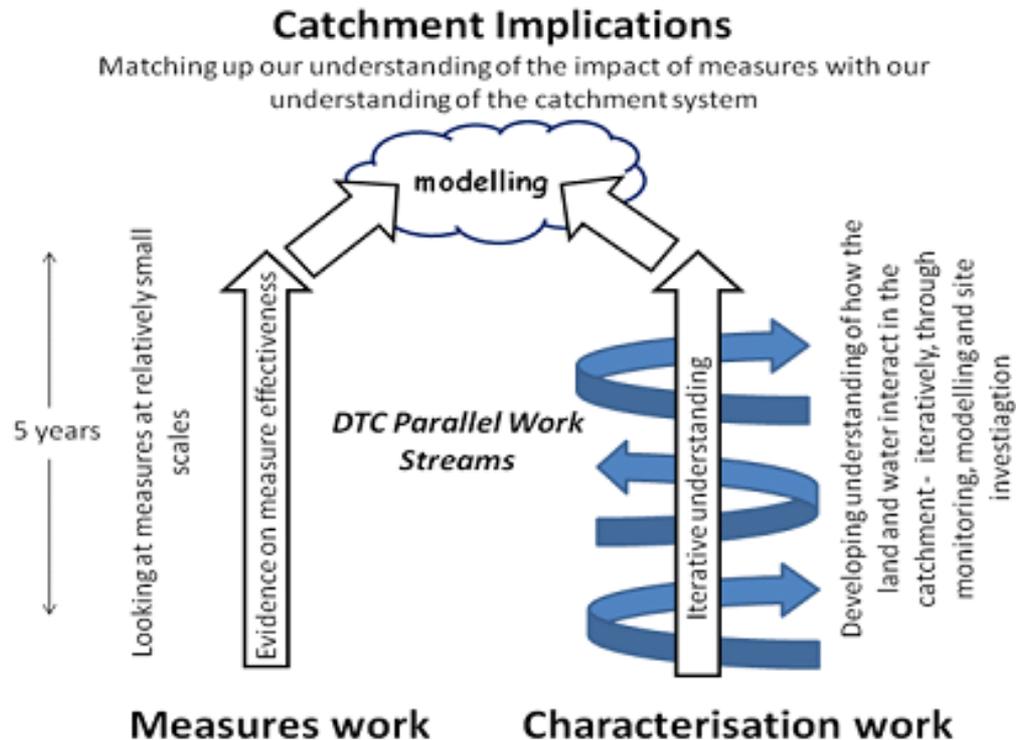
3. To explore a potential new approach to catchment management in the UK centred around a partnership between stakeholders with local knowledge/understanding and scientists/practitioners



The Test Catchments



Monitoring infrastructure in place, measures work now starting and will run through to 2017.



Modelling will assess the cost-effectiveness of wider adoption of measures, informing policy development.

