

Delivering Landscape-Scale Conservation

What Does It Mean in the Meres & Mosses?

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Meres & Mosses NIA

[A landscape-scale approach] is not just about the vague notion of ‘connectivity’. The total extent of habitats, the size of sites, what happens around them, and, above all, their *quality* are, if anything, more important.

Hopkins J (2013) “Nature Conservation in the Early 21st Century: All Change?”
British Wildlife Vol. 24 No 3 Pg 183-189

The Lawton Principles

BIGGER

BETTER

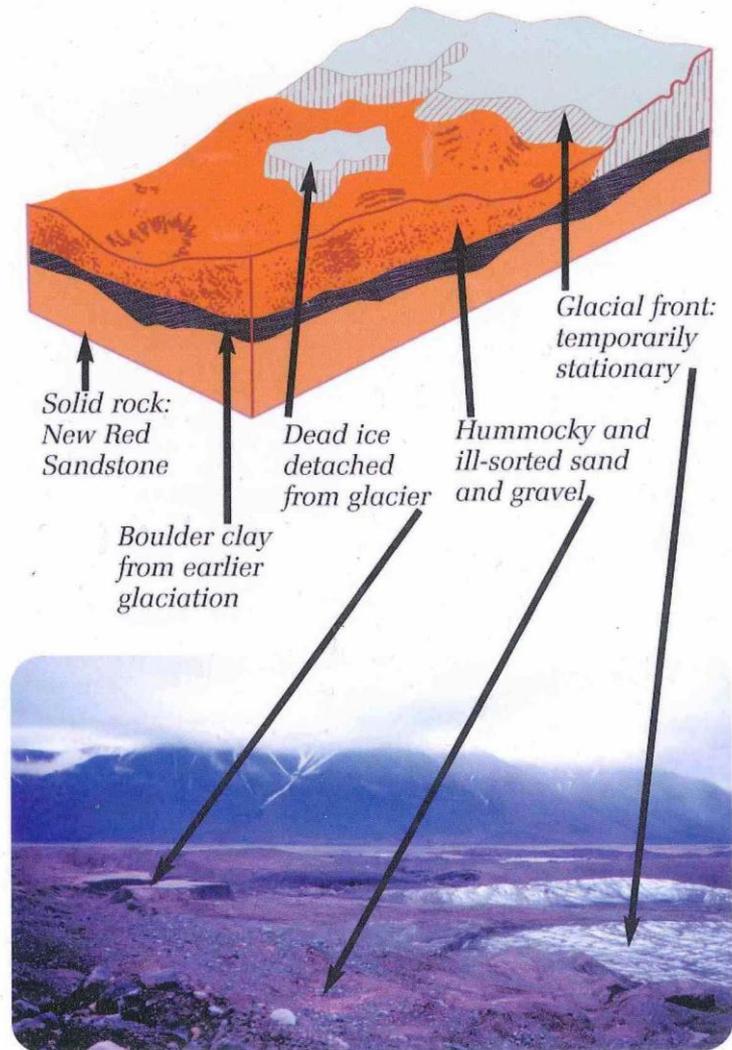
MORE

MORE

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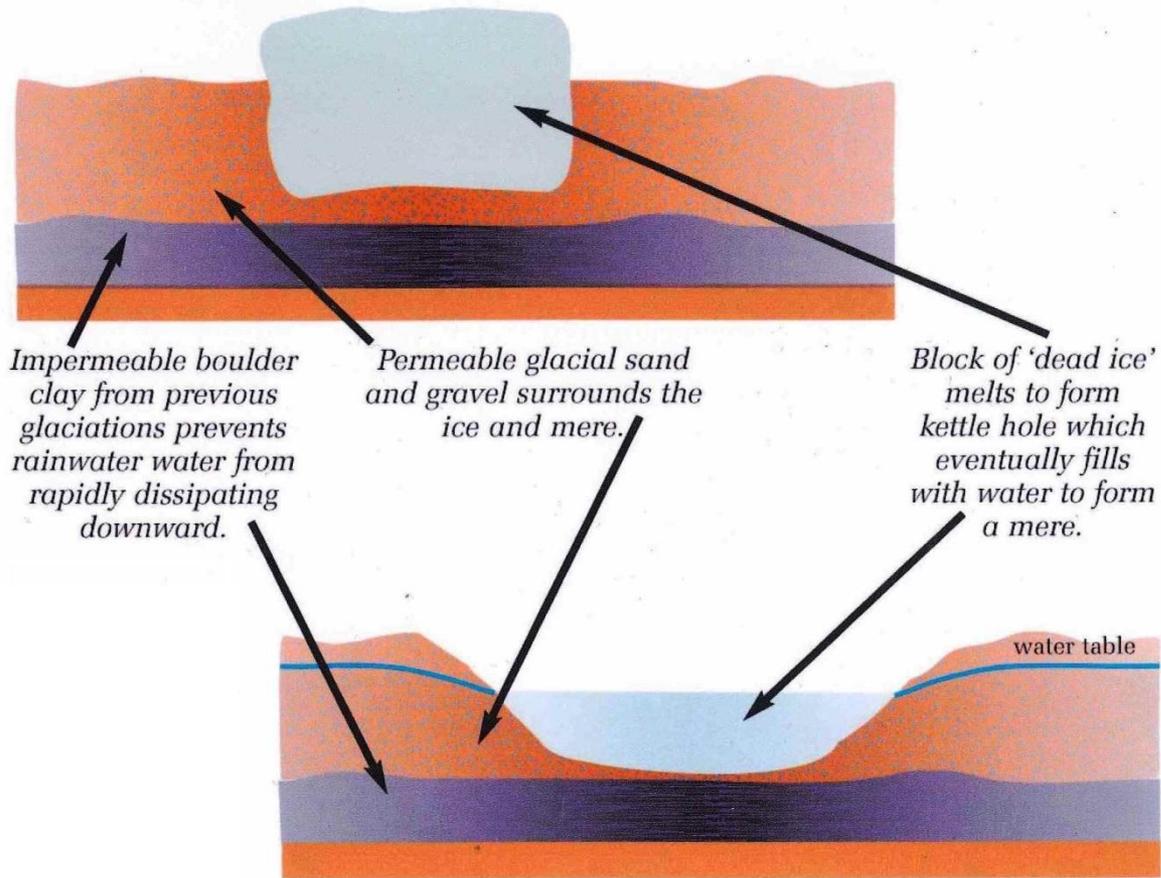
C-O-N-N-E-C-T-E-D

What is a Mere?

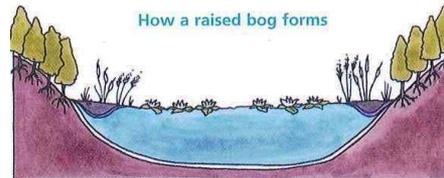


A moraine in Spitsbergen shows this process in action today.

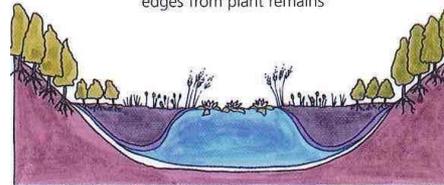
What is a Mere?



From a Mere.....to a Moss



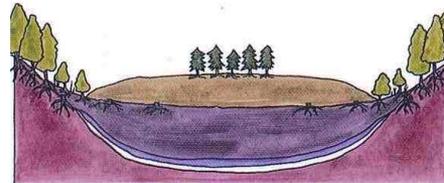
1. Mainly open water, but peat starts to build up at the edges from plant remains



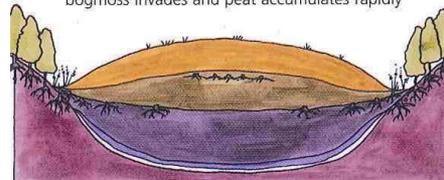
2. Area of peat increases, reducing the area of open water, with wet alder and willow carr woodland invading the older peat



3. No open water, with the whole area filled with peat



4. As peat builds up above the water table, *Sphagnum* bogmoss invades and peat accumulates rapidly



5. Over thousands of years a raised bog forms

Better - Sites



Better - Catchments



Bigger



meres & mosses

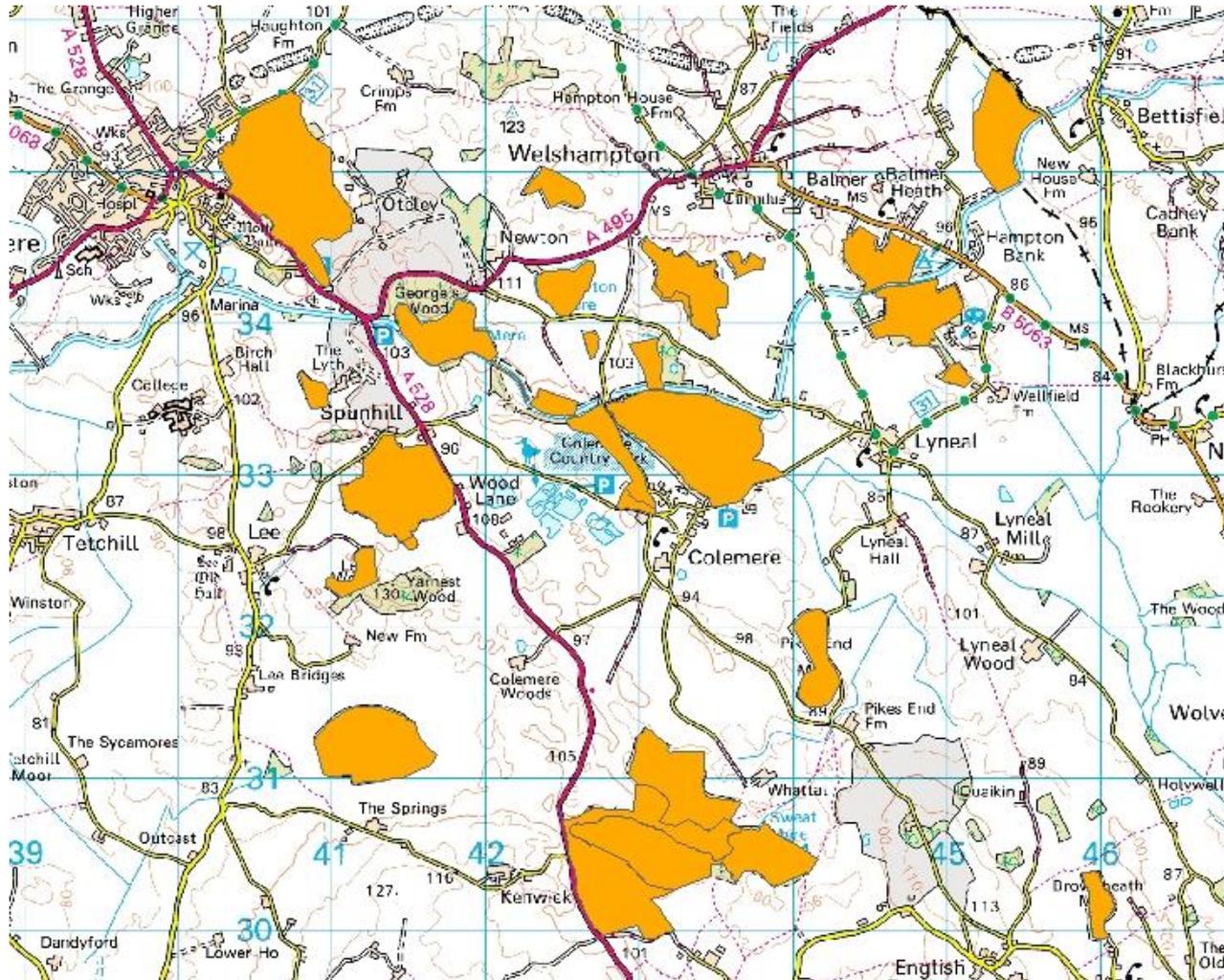
Landscape Partnership Scheme and
Nature Improvement Area



More



Connectivity – Of What?



The Lawton Principles

BIGGER

BETTER

MORE

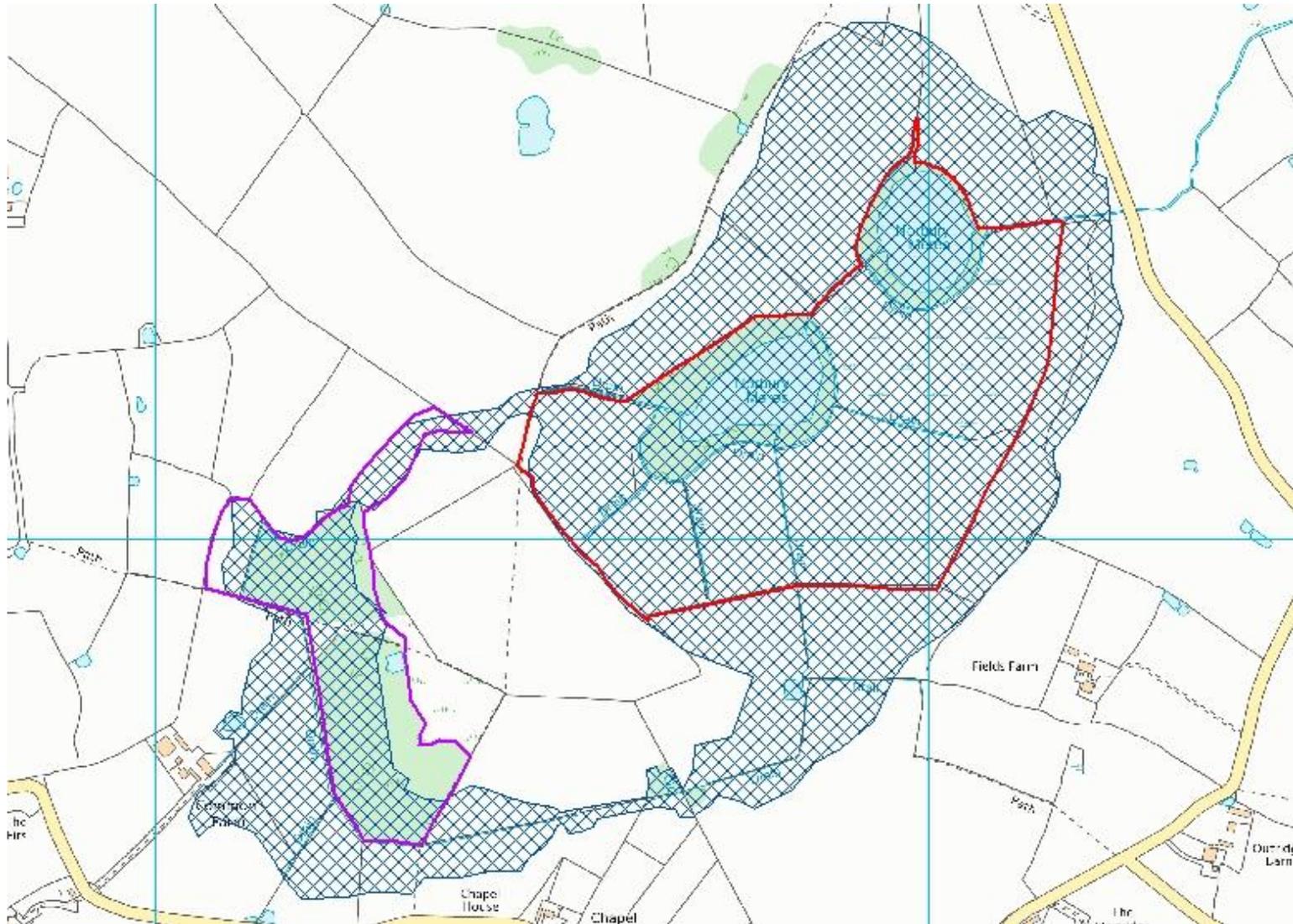
MORE

MORE

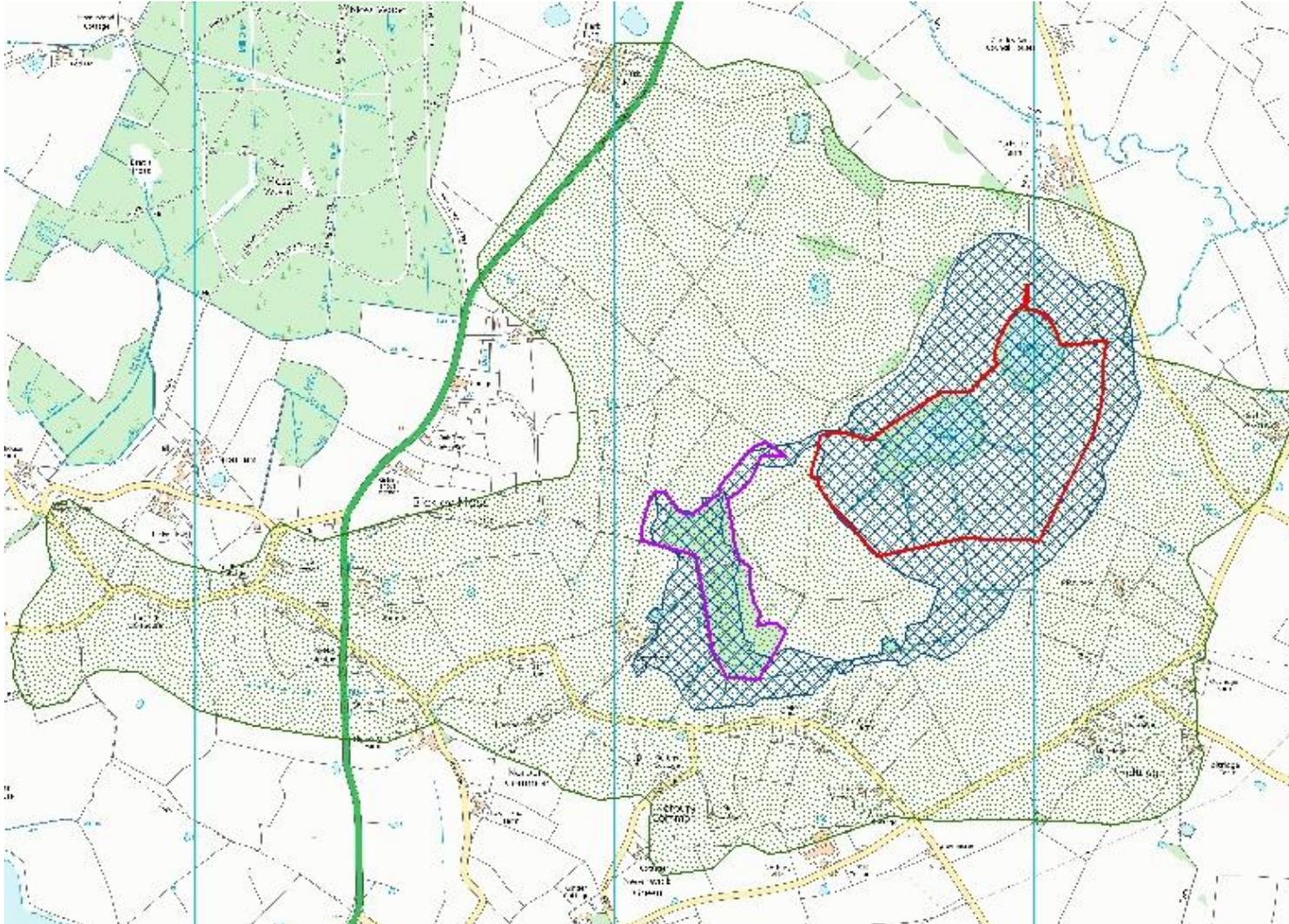
C-O-N-N-E-C-T-E-D

WHAT IS THE "STEP CHANGE" ?

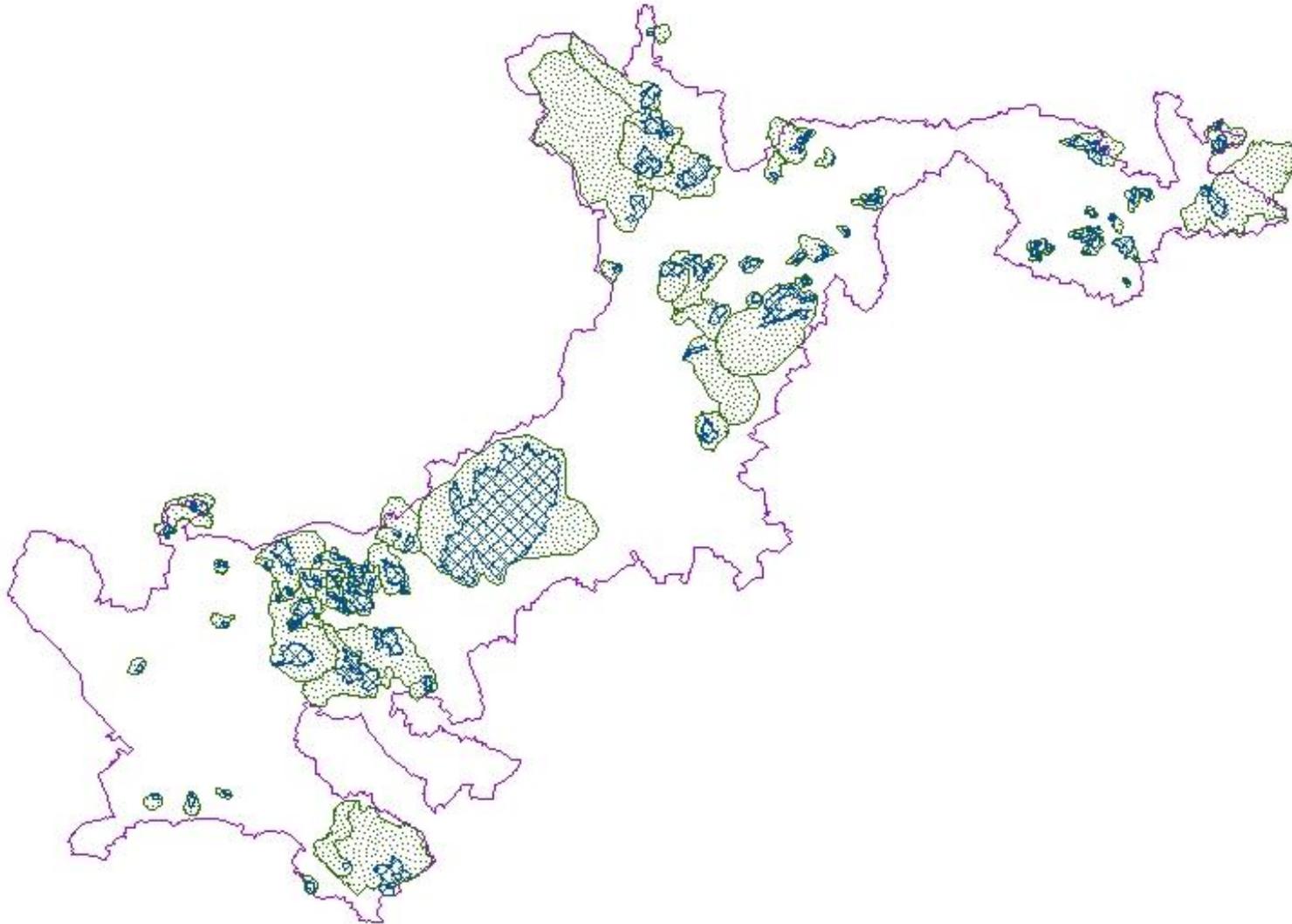
“Functional Ecological Units”



.....& Their Catchments



“A coherent & resilient ecological network”



Connectivity - For What?

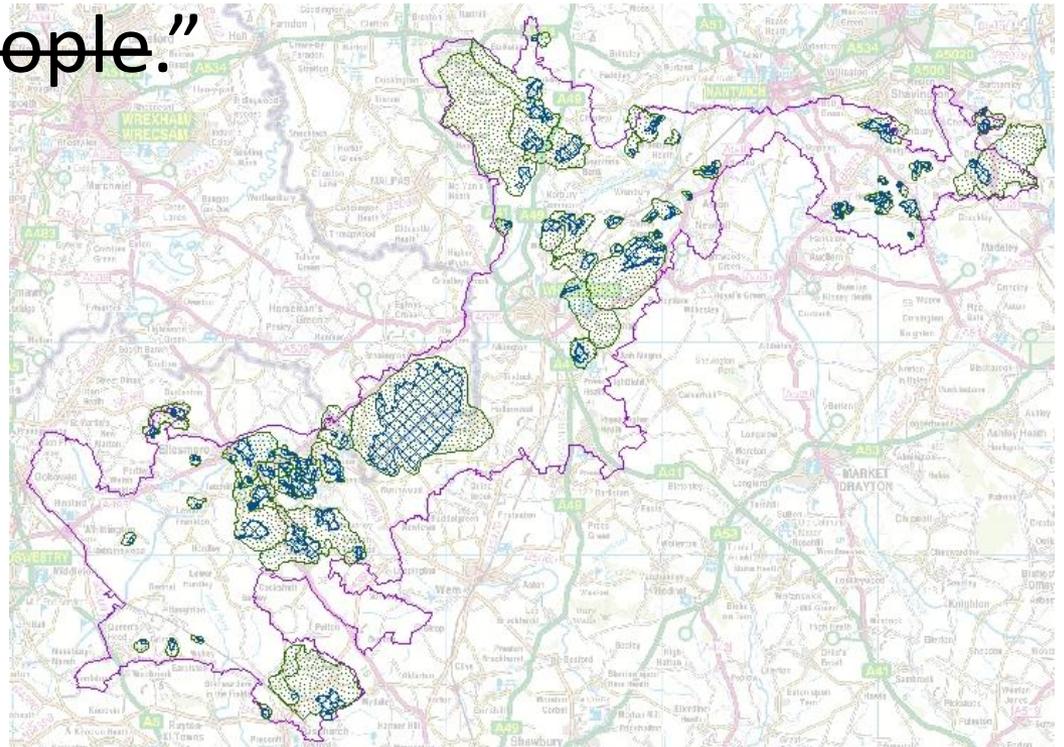


Climate Change



A New Vision

~~“..... a landscape featuring a mosaic of thriving wetlands, including lakes, rivers, ponds and marshes that are a vital resource for wildlife and greatly valued by people.”~~



Conclusions



meres & mosses

Landscape Partnership Scheme and
Nature Improvement Area





Thank You