

Lowland Commons and the New Environmental Land Management System Jenny Phelps



Commons can help deliver the 25 Year Environment Plan **Clean Air** Clean and plentiful water Thriving plants and wildlife **Reducing risk from Environmental hazards** Using resources from Nature sustainably **Enhancing Beauty and Heritage Mitigating Climate Change**



UK Habitat Classification

"The UK Habitat Classification is a new, free-to-use, unified and comprehensive approach to classifying habitats, designed to provide a simple and robust approach to survey and monitoring for the 21st century".

Merges current mapping systems:

FEP + Phase 1 + EUNIS + NVC = UKHab

Hierarchical – can go into as little or much detail as necessary.







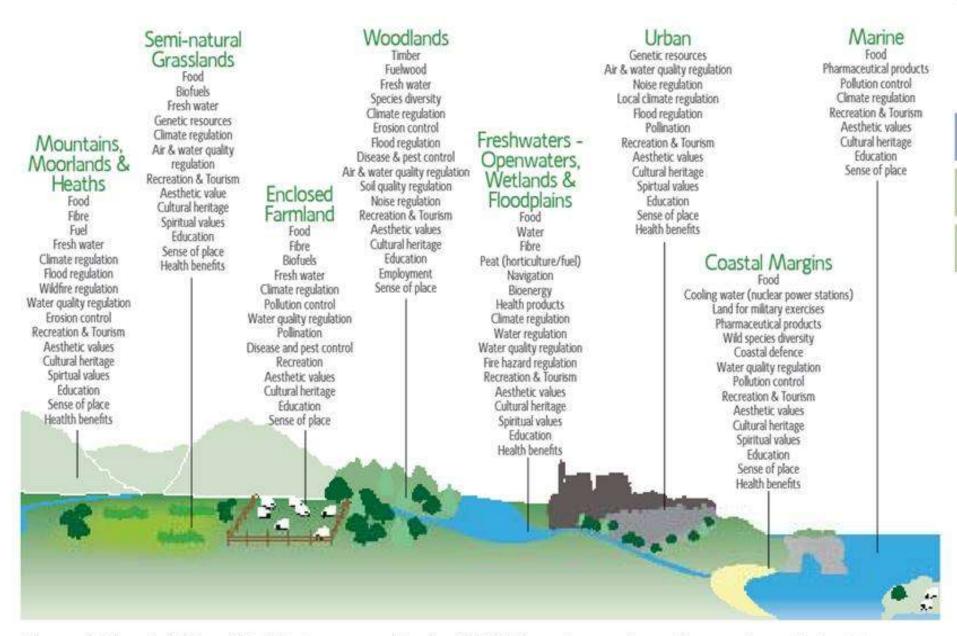


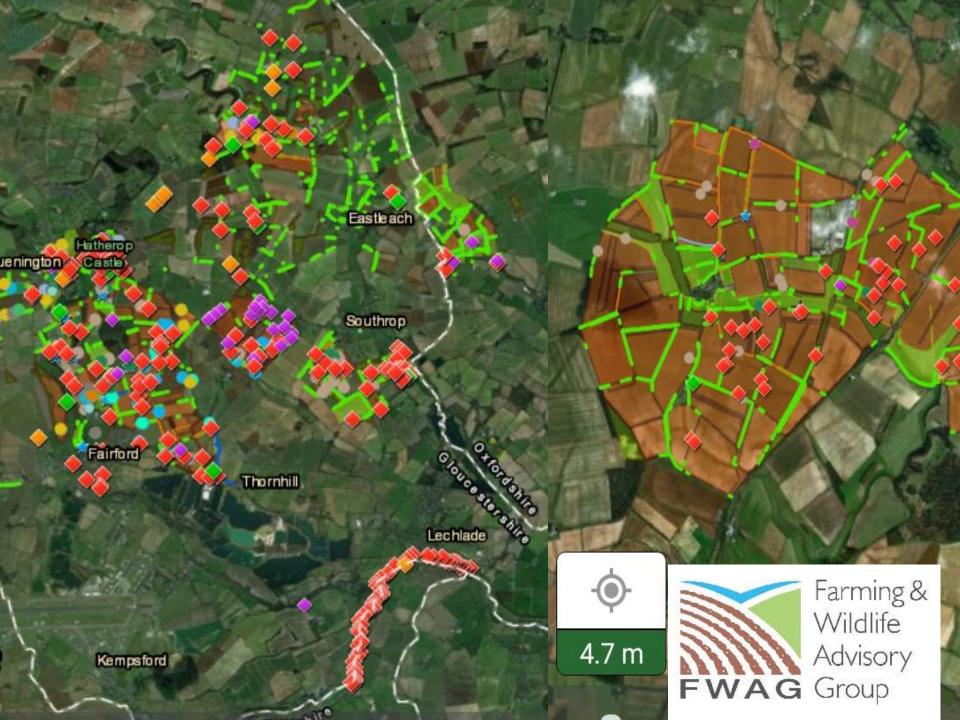
Figure 1: The eight Broad Habitats assessed in the UK NEA and examples of the services derived from each#. Build on our work at FWAGSW with The Land App and Ordnance Survey linked to Defra Stream GPS to Arc GIS(e.g. habitats, species, land use, infrastructure) - Pre-load and ground-truth historic data on commons Environmental Records

> Enables data for collaboration Helps landowners/ communities/

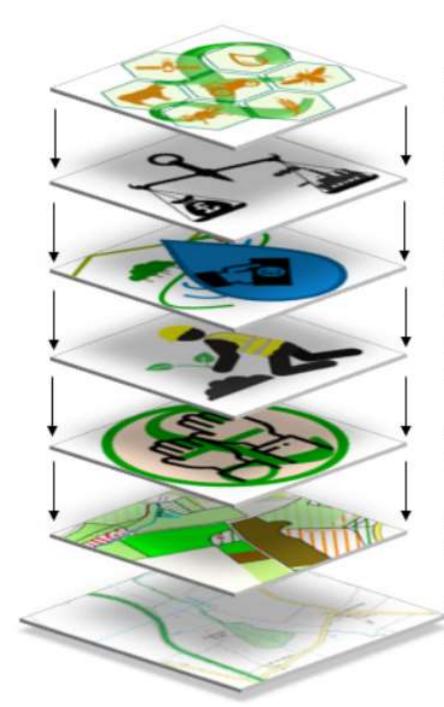
commoners and partners play their part

RPA data









Green Finance / Advanced Agri-tech

Carbon Offsetting / Carbon Payments / Carbon Tax

Water – Payments for Ecosystem Service/ Reverse Auctions/ Natural Flood Management

Biodiversity Net Gain / Nature Recovery Networks

Social Capital / Volunteer Contribution

Environmental Land Management Scheme (ELMS)

Base Layers / Natural Capital Assessment Simple forward facing for commoners (and all farmers) - but valuing and integrating their essential knowledge



Thank you Jenny Phelps

Jenny.phelps@fwagsw.org.uk 07876687272