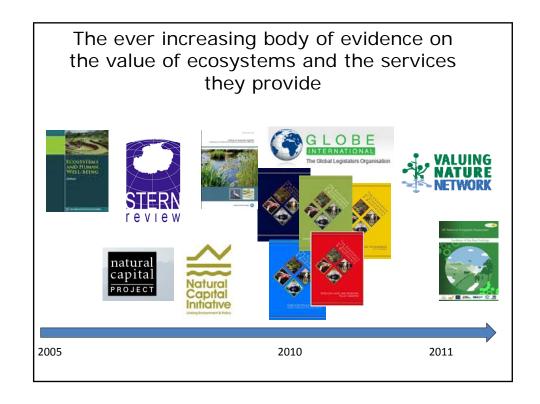
Ebay for Ecology?

The Scope for market based mechanisms to deliver ecosystem services

Paul Morling RSPB





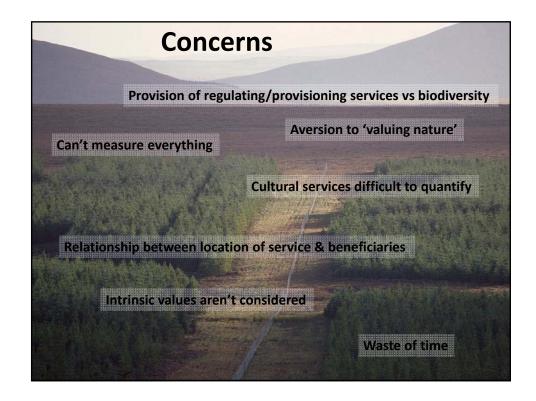


UK Policy background: a greater role for greener markets?

Defra's White Paper (June 2011)

- Key overarching message of mainstreaming value of nature in decision-making at all levels.
- 4 themes: Protecting and improving our natural environment; Growing a green economy; Reconnecting people and nature and International and EU leadership
- Particular focus on developing a green economy.
 Leveraging wider sources of finance new commitments on encouraging and facilitating payments for ecosystem services and new business led Ecosystem Markets Taskforce







Ouse Washes

- Wetland is the key habitat
- Previous win-win for multiple services:
 - Flood mitigation
 - Carbon sequestration
 - Recreation
- For biodiversity too
- Now compromised too much water, wrong time!

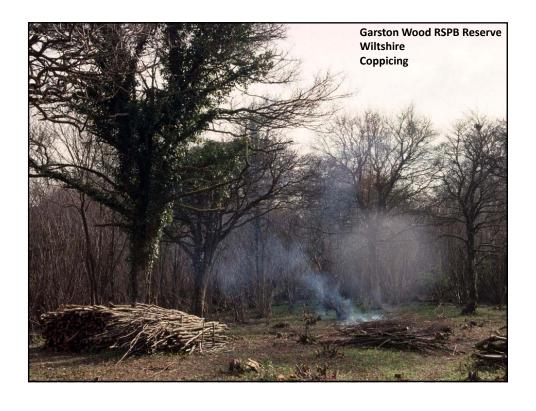


Conservation – we deliver 'cultural' ES



- •Ospreys in the Lake District 70,500 visitors
- •£1.7million of spending by Osprey visitors
- •£420,000 is additional spend due to the presence of the Ospreys
- •Bringing an extra 11.3 FTE jobs to the area









Scope for new approaches

- Capture the cultural benefits we provide. User charging
- Creating new 'ES' products (Green gyms)
- Cross subsidise from providing ES at Reserves (energy?)
- Develop prestige products (market enhancers)
- Biodiversity Offsets (Possible ES element)
- Conservation covenants
- PES





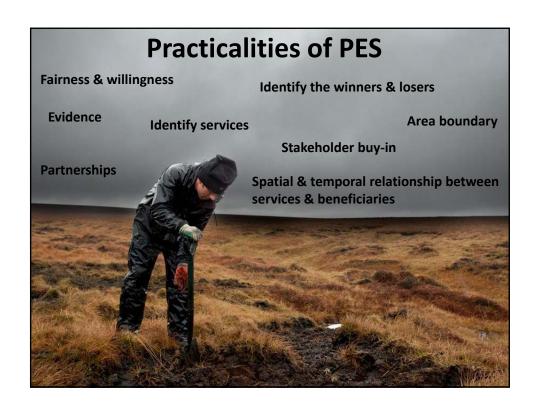




Sustainable Catchment Management Programme - SCAMP

- Wildlife ✓
- Water quality ✓
- Habitat resilience ✓
- Amenity ✓
- Carbon sequestration ?
- Flood attenuation ?
- Benefits to farmers, water companies & customers, general public









SCaMP issues

- Phase 1 Strictly about biodiversity goals
- •Phase 2 now includes water quality objectives
- •The Capex bias in water management
- •Regulatory Barriers certainty of outcome
- •Longevity of outcome. Obligations on tenant farmers
- •How to capture other ES delivered?



Poole Harbour

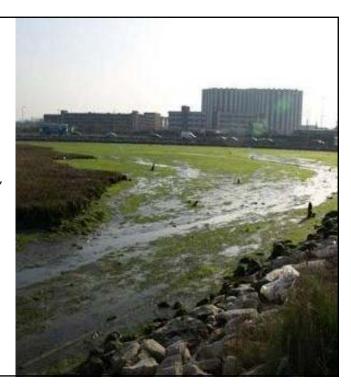
- Defra funded PES pilot study
- Intertidal mudflats are the key habitat
- Important for birds
- SPA status





Poole Harbour

- Nitrate deposition stimulating algal growths
- Nitrates at 130% 'safe' level
- Problems for the LA who want more housing
- 78% pollution from farmland c.f. 2% from new houses





Poole Harbour

- Problem identified & solution found
- However:
 - Farmers don't want to sign up
 - LA doesn't want to pay the farmers (i.e. The 'polluters')
- LA investing in parkland instead







Wallasea Island

- Problem not enough material for habitat creation
- Solution Crossrail have 4.5 million tonnes of unwanted spoil!





Wallasea Island

- On completion will be nature reserve – benefits for biodiversity!
- Delivering multiple services:
 - Flood mitigation
 - Climate adaptation
 - Recreation
- => Useful partnerships can be found in unexpected places!





Through conservation comes the provision of a range of **cultural services**

which help people

engage with nature& promotes a sense of

wellbeing







