

Valuation in decision making: introduction and overview

EAWG5: Ecosystem Services Research:
Update on valuation and values

Outline



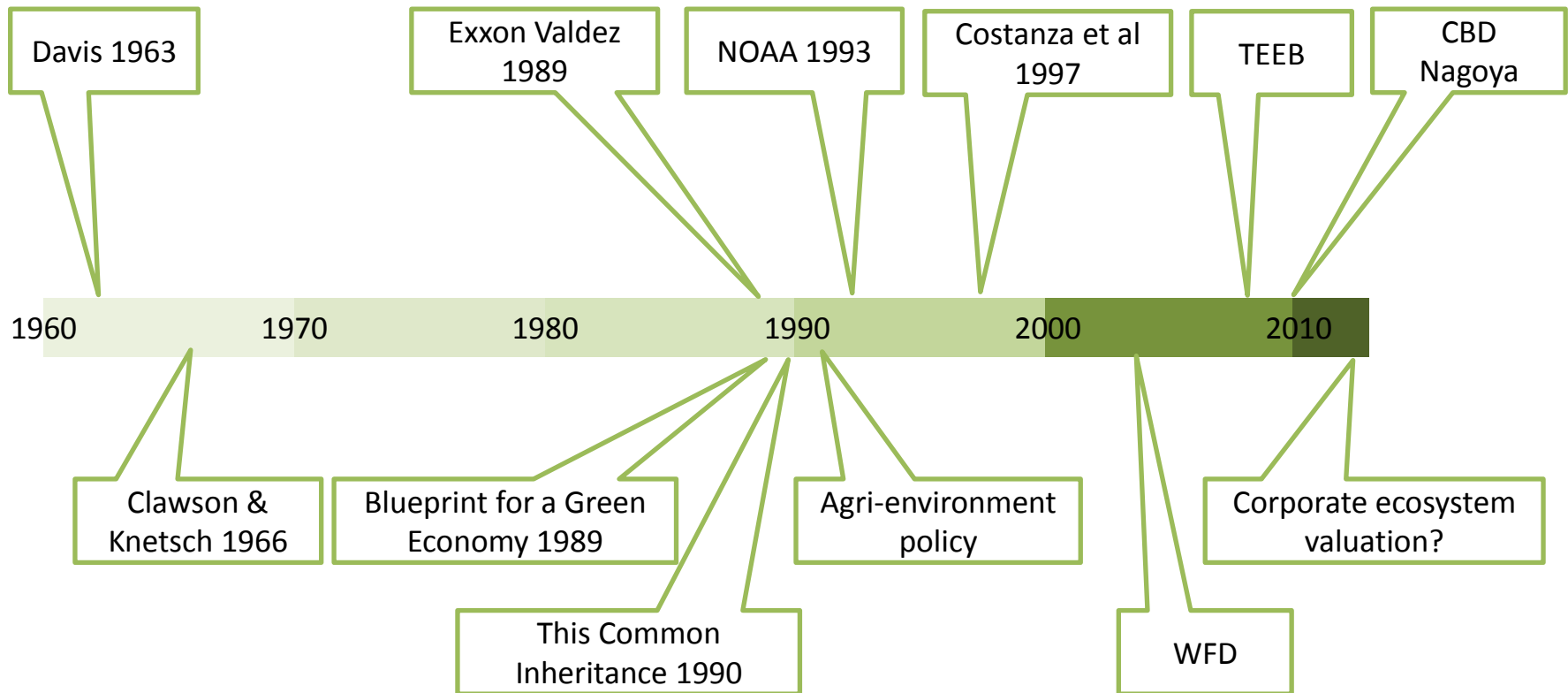
- Why use valuation
- A brief history
- Valuation in decision making
- Valuation in the Scottish Government Research Programme
- Outline of talks

Environmental (non-market) valuation

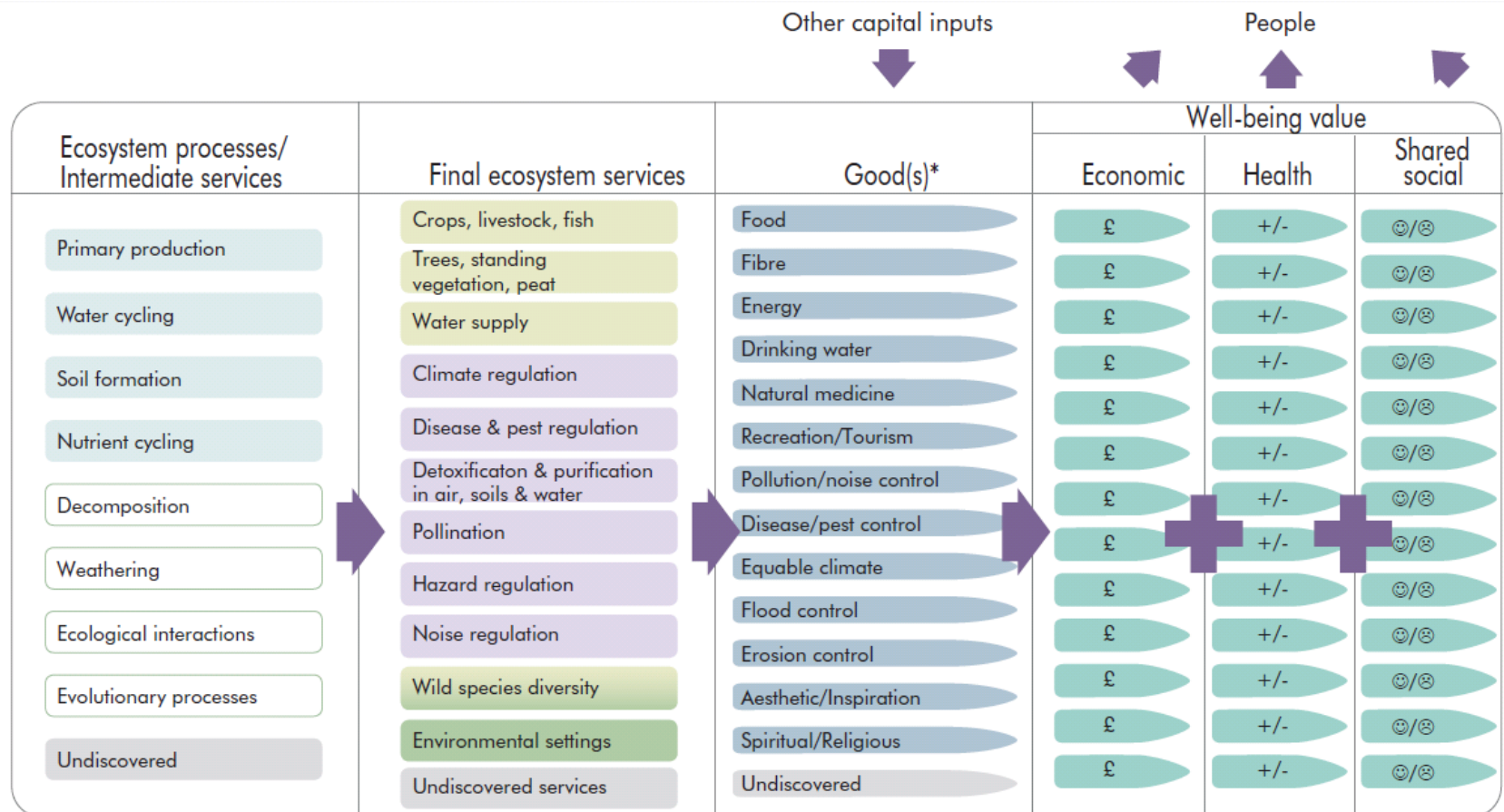


- What is environmental valuation?
 - A number of techniques used to place money values on environmental and public goods
- Why?
 - Many environmental goods are not traded in markets
 - Those which are dominate decision making
 - Money provides a useful metric to compare values
 - Provides information about public preferences for environmental goods
 - Input into policy design and appraisal

A brief history, or a long time coming?



Ecosystem services and values



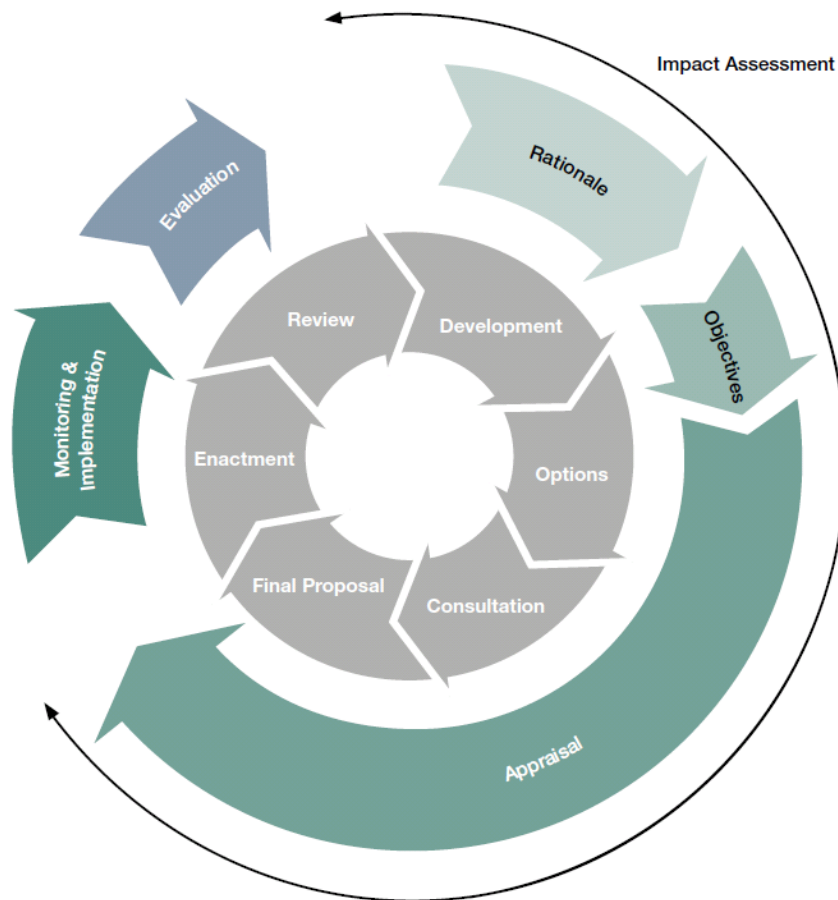
The 'tiered' approach of TEEB



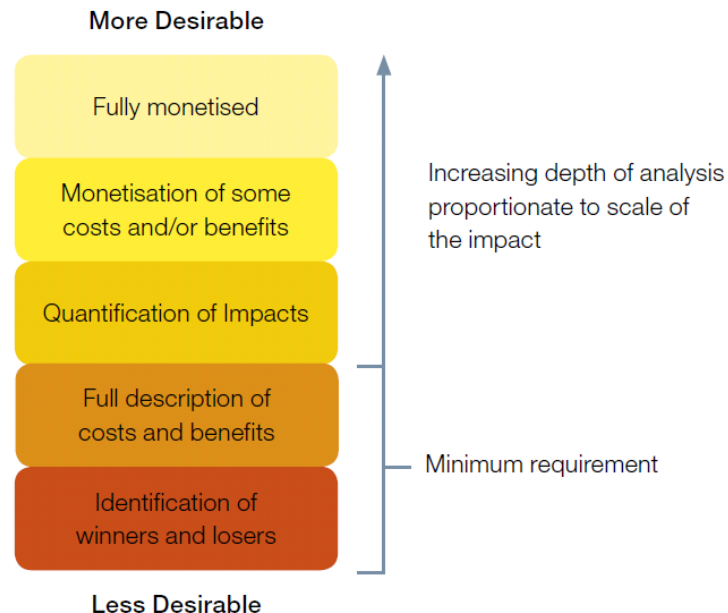
- RECOGNISING VALUE
 - ✓ Sometimes sufficient
 - ✓ Often the case where cultural and spiritual values are strong
- DEMONSTRATING VALUE
 - ✓ In economic terms, costs and benefits
 - ✓ Useful to policy-makers and businesses
 - ✓ Economic valuation exercises
- CAPTURING VALUE
 - ✓ Putting ecosystem values into decision-making
 - ✓ Through incentives and price signals
 - ✓ Market-based solutions not necessarily best

Valuation in policy assessment

Impact Assessments and the Policy Development Cycle

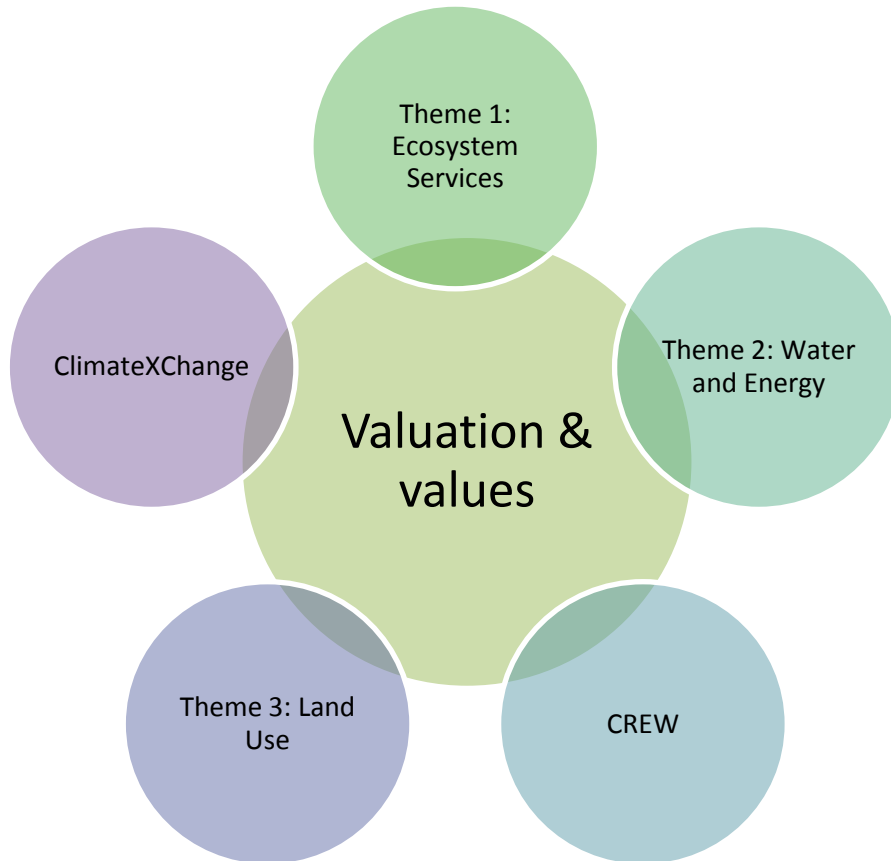


Depth of analysis in Impact Assessments



National Audit Office (2010) Assessing the Impact of Proposed New Policies

Valuation in the Research Programme



1i Refinements relevant to different scales

1ii Understanding biophysical relationships

1iii Concepts of value

1iv Issues of equity and distribution of benefits

1v Comparators and policy options

2 Alternatives to primary research

Outline of talks



- Julia Martin-Ortega: Valuation methods: examples from freshwater studies
- Alistair McVittie: Urban greenspace: values, health and equity
- Maria Nijnik: Valuing multiple ecosystem services from forests
- Klaus Glenk: Peatland restoration: challenges to valuation