

# Developing a toolkit of participatory approaches for valuation of natural capital to inform planning and decision-making

D5-1: 'Bringing in Participatory Approaches to Widen the Scope of Natural Capital Valuation'

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# What we've done so far

- Reviews of literature and policy on natural capital
- Engaging with stakeholders to explore:
  - Range of values for nature
  - Current gaps in natural capital valuation
  - Future conditions for natural capital in Scotland
- Emphasised importance of integrating social & cultural values with utilitarian & economic ones.
- Highlighted need for valuation approaches that integrate holistic range of values.



# Valuation framework

- Framework emphasises:
  - Plurality of ecological, social and economic values
  - Integration of different types of methods to account for different values.
  - Co-producing knowledge about values with actors at the landscape scale
  - Integrating social & cultural values with monetary ones
- Exploring how best to integrate different types of values within the same analysis.





# Natural Capital Valuation Toolset

A toolset for practitioners to use for natural capital valuation with stakeholders at the landscape scale (landowners, land managers, farmers, communities etc).

It aims to:

- Offer a combination of methods that can integrate a diverse range of values in analysis of natural capital
- Include the perspectives of different types of stakeholders in natural capital valuation
- Account for differences in the ways that people value and relate to nature.



# Methods to be used

- **Scenario planning** – helps to analyse potential future conditions for natural capital and how different types of value may change in response to different drivers
- **Participatory Mapping** – offers opportunities for digitally representing diverse values in visual form
- **Q Method** – produces set of profiles of participants and how they value natural capital
- **Photo Elicitation** – taps into different sensory system to elicit feelings, thoughts, memories and access deeper values
- **Follow up Interviews** – allows time for participants to reflect and elaborate on their Q method choices / photographs taken
- **Natural Capital Accounting** – compiling data regarding the economic and utilitarian values associated with natural capital

# Pilot study at Glensaugh farm

- Will engage a range of stakeholders at the landscape scale around Glensaugh Farm, Aberdeenshire to test the toolset.
- Aim to develop a holistic account of values for natural capital at the landscape scale in Glensaugh.
- Assessing how well the toolset incorporates a range of values, as well as if and how it may be used by different actors to inform planning and decision-making.



# Key questions

- Thoughts on the toolset and proposed uses?
- Technical feasibility of the toolset methods for use by different groups of stakeholders?
- Who needs to be involved?
- What types of partnerships needed and how to manage them?





# Thank you for listening

- Discussion, questions?
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