Creating a Network of Knowledge
for biodiversity and ecosystem services
to support decision making

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Testing the prototype (WP3)

The demonstration cases

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WP3 testing the prototype: the demonstration cases

Goals:

perform three policy-relevant demonstration cases to:

- test the NoK prototype in practise
- produce policy relevant output in the topics of the demonstration cases

Case areas:

should cover different sectors and test the NoK prototype in a broad variation of different situations/environments:

- Conservation case: policy driven topic following request of one main requester (DG ENV)
- Agricultural case: policy driven topic following chosen after many consultations with several requesters of different levels
- Marine case: science driven topic

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Methodological approaches for the demonstration cases

Systematic Review

- *evidence synthesis using an objective, transparent, replicable and updatable methodology*
- *relies on comprehensive collection of studies, quality-assessment (evaluation of biases, validity) and calculation of the strength of evidence taking into account the quality of each study*
- *used when trying to evaluate :*
  the effectiveness of a specific intervention (action), the impact of exposure to a factor, the occurrence of a phenomenon, when facing a controversy, conflicting result of primary studies

Methodological Approaches for the demonstration cases

Collaborative Adaptive Management

- *collaborative design of a continuous process improvement to natural resource management*
- *learning via monitoring of provisional strategies and changing conditions, and continuous adjustments in the light of new information*
- *involvement of all stakeholder groups to fully exploit local environmental knowledge*
- *result: cyclic, iterative strategy at the interface among science, management and policy, learning about the performance of different policy decisions / scenarios*
- *ideal for: uncertainty, complexity and knowledge gaps, when available evidence is inconclusive or contradictory, conflicting decision-making processes and tension between stakeholders of different interests*

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Methodological approaches for the demonstration cases

Expert Consultation

- *can be used in general on all questions and circumstances, using different levels of involvement such as feedback loops via review*
- *preferred method when tackling a topic within a short period of time*
- *when knowledge is not directly available e.g. via existing studies or reviews*

The demonstration cases: first steps already done

1. Preparation

- Identify requesters and start communication with them

- Scope scientific background and potential methods

- Understand the policy context of the topic

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The demonstration cases: current steps

1.2 Request

1.3 Scoping ***Jun 2011 – Jun 2012***

dialogue process with requesters and some experts
specify and adapt topics into relevant & suitable questions

1.4 Tender Process ***Mar – Jun 2012***

call to knowledge hubs to help identifying / nominating experts
call for evidence to the wider NoK community

1.5 Agreement on working group team and protocol ***May – Jun 2012***

settle working group and jointly agree on protocol and timeframe
link the product to the requesters needs

1.6 Communication of protocol ***Jun 2012***

publish the process protocol and further invite for comments / evidence by the NoK

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The demonstration cases: further steps planned

individual timelines for the cases, depending on the chosen method

Conducting **May 2012-Mar 2013**

Application of the chosen approach (June – Oct 2012)
Compilation of results (Oct – Dec 2012)
Review and evaluation (Nov 2012 – Jan 2013)
Final report (Mar 2013)

Finalisation **Apr 2013-Jun 2013**

Communication to requesters (Apr – May 2013)
Dissemination (Apr 2013 – ?)
Evaluation, lessons learned for process (Jun 2013)

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Thank you for your attention!

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