An introduction to EKLIPSE:

Developing the science-society-policy interface on biodiversity and ecosystem services in Europe

Eszter Kelemen and the EKLIPSE team

www.eklipse-mechanism.eu
**Project summary**

- EKLIPSE funded as CSA in H2020: Feb 2016 – Feb 2020

- Ten partner institutions facilitating wider involvement:
  - CEH
  - UFZ
  - RBINS
  - SYKE
  - ISOE
  - ISOE
  - FRB
  - ESSRG
  - TIAMASG
  - UEA
  - University of Porto

www.eclipse-mechanism.eu
To build an innovative, light, ethical and self-sustainable EU support mechanism for evidence-informed policy on biodiversity and ecosystem services

To hand over this mechanism to the wider community once established
How EKLIPSE is set up

- Setting up a governance structure
- Answering policy questions (EU focus)
- Identifying research needs and emerging issues
- Developing the Network of Networks
- Ensuring Societal Engagement

A self-sustaining Mechanism (from 2020 onwards)
Joint evidence synthesis process for policy requests

1. Call for Requests
   - Screening and selection by KCB with support by SAB
   - Requester: "What is the current knowledge on...?"

2. Call for Knowledge
   - Consultation of Network of Networks and Involvement of Stakeholders
   - Scoping & Framing the Request

3. Call for Experts
   - Selection of experts by KCB
   - Expert Working Group is created and starts working according to agreed DoW

3a. Consultation of Network of Networks and Involvement of Stakeholders
   - Agree on Description of Work (DoW)

3b. Selection of experts by KCB
   - Expert Working Group is created and starts working according to agreed DoW

3c. Develop Protocol of Methods and Approach
   - Protocol Review
   - Public
   - Extended peer-review & open consultation

3d. Draft Synthesis
   - Synthesis Review
   - Public
   - Extended peer-review & open consultation

Final Synthesis

Final Products

Broad public dissemination

KCB: Knowledge Coordination Body
SAB: Strategic Advisory Board

The process of answering a request
<table>
<thead>
<tr>
<th>Guidance / formal communication</th>
<th>Management/formal surveillance</th>
<th>Control/Formal sanctioning</th>
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<tbody>
<tr>
<td>1) Clear guiding values</td>
<td>5) Hotline</td>
<td>9) Sanctions for reprehensible acts</td>
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<tr>
<td>2) Code of ethics</td>
<td>6) Complaint mechanism, including investigation and follow-up</td>
<td>10) Legal framework including rules and directives</td>
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<td>3) Trainings</td>
<td>7) Body for the management of the infrastructure</td>
<td>11) Public Relations Team (PR) Crisis management group</td>
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<td>4) Declaration of Conflict of Interest</td>
<td>8) Transparent procedures for staff, requests, experts, reviewers and evaluators e.g. - Selection criteria - Guidance notes for any procedures - Open calls for recruitment - forms for experts to reply to the call for expertise - Log book of requests</td>
<td>12) Setting up feedback processes such as public consultations</td>
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<td>13) Transparency of all the outputs: - Broad dissemination - Mandatory double check of all accepted requests - Follow-up of how reports are used - Standard evaluation protocols</td>
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• EKLIPSE decision support for selecting knowledge synthesis methods

• Chaired by Lynn Dicks, University of East Anglia, UK

Outputs:

(1) Guidance notes to assist selection of methods;

(2) Report and fact sheets on 20 knowledge synthesis methods

Linking with initiatives, networks and people
What measures are most promising to support biodiversity and ecosystem services in the next round of the Common Agricultural Policy (CAP)?

Which types of urban and peri-urban blue/green spaces have a significant impact on human mental health and well-being?

How can environmental regulators support businesses to improve the outcomes of their operations for biodiversity?
What measures are most promising to support biodiversity and ecosystem services in the next round of the Common Agricultural Policy (CAP)?

Which types of urban and peri-urban blue/green spaces have a significant impact on human mental health and well-being?

How can environmental regulators support businesses to improve the outcomes of their operations for biodiversity?

Five more requests at scoping stage
## Call for Requests October 2017

<table>
<thead>
<tr>
<th>Request</th>
<th>Requester</th>
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<tbody>
<tr>
<td>How are European energy policies affecting biodiversity and ecosystem services in countries globally?</td>
<td>Centre for Development &amp; Environment Univ. of Bern</td>
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<td>What are the main knowledge gaps hampering effectiveness and possible integration into existing approaches to restore ecosystem biodiversity, function and services?</td>
<td>BiodivERsA</td>
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<tr>
<td>Research and knowledge on biodiversity and ecosystem services: from global to European level, and vice versa</td>
<td>EC DG R&amp;I</td>
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<td>Identify methodologies for the assessment of measures to protect biodiversity, as required under the CBD</td>
<td>EC DG ENV</td>
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<td>Collect evidence on combined impacts which are reinforcing and further exacerbating the overall impact</td>
<td>EC DG ENV</td>
</tr>
<tr>
<td>Investigate positive and negative feedback loops of ecosystems contributing to regulating climate.</td>
<td>EC DG ENV</td>
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Impacts of Electromagnetic radiation on wildlife

- Requester: Buglife – The Invertebrate Conservation Trust
- What knowledge currently exists?
- What research is needed in the future? – e-conference, January 2018
Request from ClientEarth, resulting in a series of Science Cafes:

1. Diversity of nature's values - Budapest 11 September 2017 (face to face)

2. Integrating diverse values of nature into decision making - Budapest 29 September 2017 (face to face and online)

3. The diverse values of nature - EU-wide Science Cafe 20 November 2017 (online)
Integration: Knowledge synthesis, research needs and social engagement

- Nature-Based Solutions report and brief
- Social Innovation and Nature-Based Solutions: What research is needed to face future societal challenges and emerging issues? Foresight workshop, Brussels December 2016
- Webinar 4th October 2017

Webinar
Nature-based solutions: Pandora’s box or reconciling concept?

Agenda
There will be presentations from four speakers, followed by a Questions and Answers session.

- BiodivERsA - Hilde Eggermont: Framing of the nature-based solutions concept and guidance for effective implementation
- IUCN – Gretchen Walters: Examples of nature-based solutions
- European Commission, DG R&I - Sofie Vandewoestijne: Examples from current EU funded demonstration projects
- EKLIPSE - Carsten Neßhöver: Research needs identified in social innovation and nature-based solutions workshop
EKLIPSE-EPBRS and BiodivERsA foresight workshop

ESEE Summer School

Webinar on Nature-based Solutions

Webinar on Institutional misfit – April 2018

Course on the Use of Ecosystem Services in Site management – May 2018

Workshop for Early Career Marine Researchers on Science-Policy-Society Interface – June 2018

Workshop “Planning on an uncertain future” – September 2018
All the EKLIPSE Calls (for Knowledge, for Experts, for new Requests) are running through the KNOCK forum, developed to facilitate these processes and encourage discussion.

You can register to KNOCK here: http://www.eklipse-mechanism.eu/keep_me_posted
For more information visit: www.eklipse-mechanism.eu
Or contact: secretariat@eklipse-mechanism.eu

Join us on the EKLIPSE Proof of Concept Conference & Workshop:
23-24 January 2019, Brussels

Twitter: @EKLIPSE_project
• What are the needs of decision-makers?
• What evidence exists to support their needs (requests)?
• What new evidence (research) is needed?
• What are the possible future needs of decision-makers?
• How can researchers and decision-makers work more effectively together?
• How can a future policy-support mechanism help to answer these questions?
Some examples of implemented measures

Guiding values (measure 1 of EKLIPSE ethical infrastructure)

- Cooperation
- Excellence
- Inclusiveness
- Integrity
- Impact
- Minimization
- Reliability
- Transparency

They will be further specified in the CoR development.

As current description, we have adopted the Biodiversity Knowledge:
1. Enable openness and include relevant experts and information on participants' enthusiasm and direct
2. Ensure quality and excellence of developing systems for that purpose.
3. Minimize bias and ensure fair inclusion of individuals.
4. Avoid duplication and foster institutions to maximize efficiency or speed decision-making.
5. Intergrate to develop building and information sharing.
6. Integrate reflexivity and learning from feedback.
7. Ensure integrity of the overall system, particularly the importance of and continuity in revising these principles.

EKLIPSE aims to establish and follow an ethical infrastructure for all processes.

Declarations of Conflict of Interest

Measure 4 of EKLIPSE ethical infrastructure, more information:
www.ekliipse.mechanism.org

(EKLIPSE Ethics, CoR 2016-10-13)

Declaration of Conflict of Interest

EKLIPSE Call for KCB members

FOR EXTERNAL EXPERTS INTERESTED in the Call: 16-1 I.

Selecting requests (first CfR call, 2016)

1) Pre-screening criteria

- Relevance to the scope of the call
- Relevance to ongoing or future policy processes
- Relevance to biodiversity and ecosystem services (if possible European EUNIS habitat type to be specified)
- Relevance to society
- Not requiring new knowledge, but based on the synthesis of existing knowledge
- A principle of EKLIPSE is to avoid duplication of existing knowledge. It will therefore not accept requests that could for example be done by consultancy contracts.

2) Pre-screening committee

Projects that pre-screened received requests:
- Eklipse Selle (ESSRG), Eklipse Ballan (RBINS), Carsten NiShöv (UFZ), Allan Walt (CIF).

3) Timelines

Extension of request submission until 30th September 2016.
- Selection skype meeting – 12th October 2016.