

**EUROMARINE**  
EUROPEAN  
MARINE RESEARCH  
NETWORK

**6th**  
**General Assembly meeting** 16-17 January 2020

Marine Biology Station Piran,  
Slovenia

From genes to ecosystems in changing oceans  
[www.euromarinetwork.eu](http://www.euromarinetwork.eu)



## Biodiversity initiatives at global and European scale: role for Euromarine

Isabel Sousa Pinto

Ciimar and University of Porto



## Biodiversity: MEPs call for legally binding targets, as for climate change

Press Releases **ENVI** 03-12-2019 - 12:06



• Legally binding biodiversity targets at global and EU level



• Sufficient financing needed under the next EU long-term budget



• Better enforcement of EU nature protection laws



Next year's UN biodiversity conference, the COP15, should be the equivalent of the Paris agreement on climate change, says the Environment Committee.



*“As part of the **European Green Deal**, we will present a Biodiversity Strategy for 2030. Our environment, our natural jewels, our seas and oceans, must be conserved and protected Europe will work with its global partners to curtail biodiversity loss within the next five years. I want us to lead the world at the 2020 Conference of the Parties to the Convention on Biological Diversity, just as we did at the 2015 Paris Climate Conference.” Ursula von der Leyen, 2019*

## Resolution to be voted in European Parliament on 16 January 2020

•The need for a **global legally binding agreement to protect global biodiversity**

•An ambitious EU 2030 Biodiversity Strategy setting **legally binding targets for the EU and the Member States.**

•A target for at least **30% of natural areas on land and sea to be protected and effectively managed and 30% of degraded ecosystems to be restored** at both EU and global level.

•An EU-wide legally binding target to **restore degraded habitats by 2030**, through restoration of natural forests, peatlands, floodplains, wetlands, biodiversity rich grasslands, coastal zones and marine areas.

**European Commission expected to announce the 2030 Biodiversity Strategy at the end of February**

## EuroMarine – marine science hub for European and global SPIs

- EuroMarine: consortium of institutions for marine research
  - Research
  - Capacity building
  - Innovation
- Support policy/decision making
  - Individually each partner/researcher
  - As a network
- Opportunity – Science part of Science-policy-society mechanism
  - As a network

### Science Policy platforms

#### European Policy

MSFD and other marine directives, fisheries, environmental directives

#### Global

CBD, UNCLOS, SDGs (14)

#### Science/policy platforms

Assessments and other methods to analyze, summarize and digest knowledge at the request of policy makers

IPBES, IPCC, World Ocean Assessment

European Mechanism,  
SAMs

## ▶ EUROMARINE and IPBES – Functions 2020-

### • Official stakeholder - Science hub for marine BES

#### a) Lobby for marine assessments/marine part of assessments – For WP2

- Through national representatives, and stakeholders
- Through experts (scoping and writing)

Invasive  
species,  
Sustainable  
use of wild  
species

#### b) Engage the marine community

- Disseminate and communicate results
- Call for participation in working groups, assessments, **reviews**

Values and  
valuation

#### c) Identify and nominate experts (authors, review editors)

– For new Assessments : in scoping phase : Nexus and Transformative Pathways

#### d) Support national representatives

- producing briefs and recommendations - for rolling Work Program 2

#### e) Support the workprogram and working groups

- providing topics, organising meetings/workshops, databases, publishing papers, providing training

# Other ongoing important processes for marine biodiversity

- UN Decade of Ocean Sciences for sustainable development (Healthy and resilient oceans)
- UN Decade for Ecosystem Restoration
- UN Convention of Biological Diversity – Post 2020
- UN Convention on Climate Change
- UN Sustainable Developmental Goals
- EU Mission Oceans
- EU Green Deal – Significant increase of attention on biodiversity (?) (besides climate)
  - New Biodiversity “HUB”?

## European scale IPBES like Mechanism

**A flexible mechanism for evidence-informed decision-making affecting biodiversity and ecosystem services**

Project timeframe: Jan 2016 – Jan/July 2020

Isabel Sousa Pinto (CIIMAR-UP), Juliette Young (CEH), Marie Vandewalle (UFZ), Allan Watt (CEH) & the EKLIPSE Team



ESSRG



Horizon 2020  
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For Research & Innovation  
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ciimar



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Forschung



UEA  
University of East Anglia



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**To hand over this mechanism to the wider community once established**



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



**Ethical infrastructure**

**Joint evidence activities**

**Bottom-up, self organising process**

**Strong focus on networking**





# EKLIPSE

Knowledge & Learning Mechanism  
on Biodiversity & Ecosystem Services

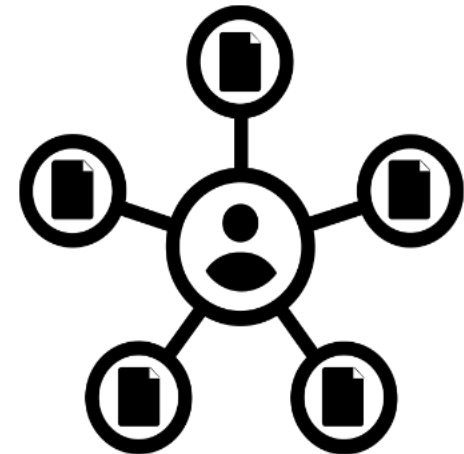
## Why the science need for EKLIPSE?

- Difficult for researchers to know how to engage with policy (or be acknowledged for SPI work)
- Huge amount of science that is potentially useful to policy but under-used



## Why the science need for EKLIPSE?

- Accountability issue with funders increasingly demanding policy impact
- Engagement in science-policy processes gives researchers better awareness of what research is policy relevant and, therefore, increases funding competitiveness.



Created by Creative Mahira  
from Noun Project



# EKLIPSE

Knowledge & Learning Mechanism  
on Biodiversity & Ecosystem Services

A better science-society-policy  
mechanism



1. Answer key questions



# EKLIPSE

Knowledge & Learning Mechanism  
on Biodiversity & Ecosystem Services

## Advantages of the EKLIPSE approach

1. The EKLIPSE approach **responds directly to policy** and other societal actors' **knowledge needs** through regular Calls for Requests

### Call for requests

Call for requests from  
policy and other societal  
actors on evidence needs  
relating to biodiversity  
and ecosystem services

Responses by 02 October 2017



[www.eclipse-mechanism.eu](http://www.eclipse-mechanism.eu)

2. The EKLIPSE approach frames questions directly with requesters to **better understand what knowledge they need**, for what purposes, in what timescale and with which resources

### Call for requests

Call for requests from policy and other societal actors on evidence needs relating to biodiversity and ecosystem services

Responses by 02 October 2017





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## Ensuring the right framing of the question

### Initial request (IUCN and Swedish Board of Agriculture):

How to improve biodiversity results of greening measures in common agricultural policy?



Reformulated request: Understanding Farmer Uptake: What measures are most promising to deliver on supporting biodiversity and ecosystem services in the next round of the Common Agricultural Policy (CAP)?





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## Foresight Request on Electro-Magnetic Radiation

### Impacts of Electromagnetic radiations on wildlife including fauna and flora

Requester: Buglife - The Invertebrate Conservation Trust

Duration: 7 months

Outputs: Webconference (60 participants from 19 countries), 2 Final reports.

Media coverage: > 15 articles



The Telegraph

HOME | NEWS | SPORT | BUSINESS | ALL SECTIONS

### News | Science

News > Science

#### Electromagnetic radiation from power



Electromagnetic radiation may damage bird's ability to navigate - credit: KEITH MORRIS / ALAMY LIVE NEWS



**EKLIPSE**

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**A better science-society-policy  
mechanism**

## **3. Create a responsive and active network**

**Network of Networks?  
New network?**





3. The EKLIPSE approach builds on existing knowledge and **links requests for knowledge to the most relevant knowledge holders**





# EKLIPSE

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## A better science-society-policy mechanism



## 4. Improve citizens' engagement

## Societal engagement request on values of nature



**The diverse values of nature and integrating them into decision-making**

Requester: ClientEarth



Duration: 12 months (from Scoping to final report)

Outputs: 3 Science Cafés, 1 Final report

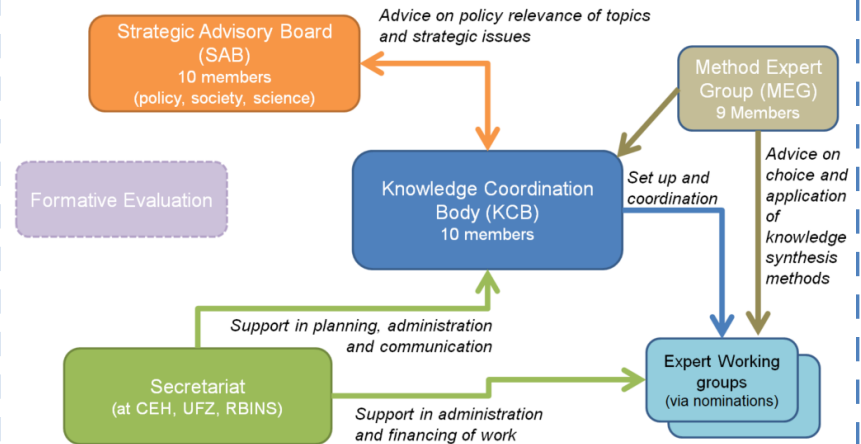


# EKLIPSE as a whole package

## 5 functions:

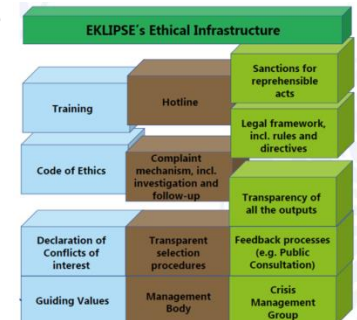
1. **Answer key questions** from policy and/or society by mobilising and synthesising the best available knowledge and experts
2. **Identify current and future emerging issues** of policy makers and citizens related to biodiversity and ecosystem services
3. **Create a responsive and active network** of experts and knowledge holders across Europe that get acknowledged for providing their knowledge
4. **Improve citizens engagement** in SPI activities
5. **Link up with international SPIs** such as IPBES, SBBSTTA-CBD

## Governance structure



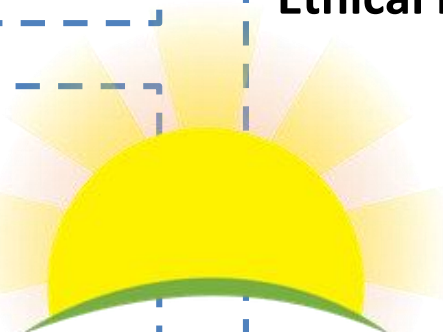
## Ethical Infrastructure

13 measures



## Strong focus on networking

Network of Networks, Capacity building

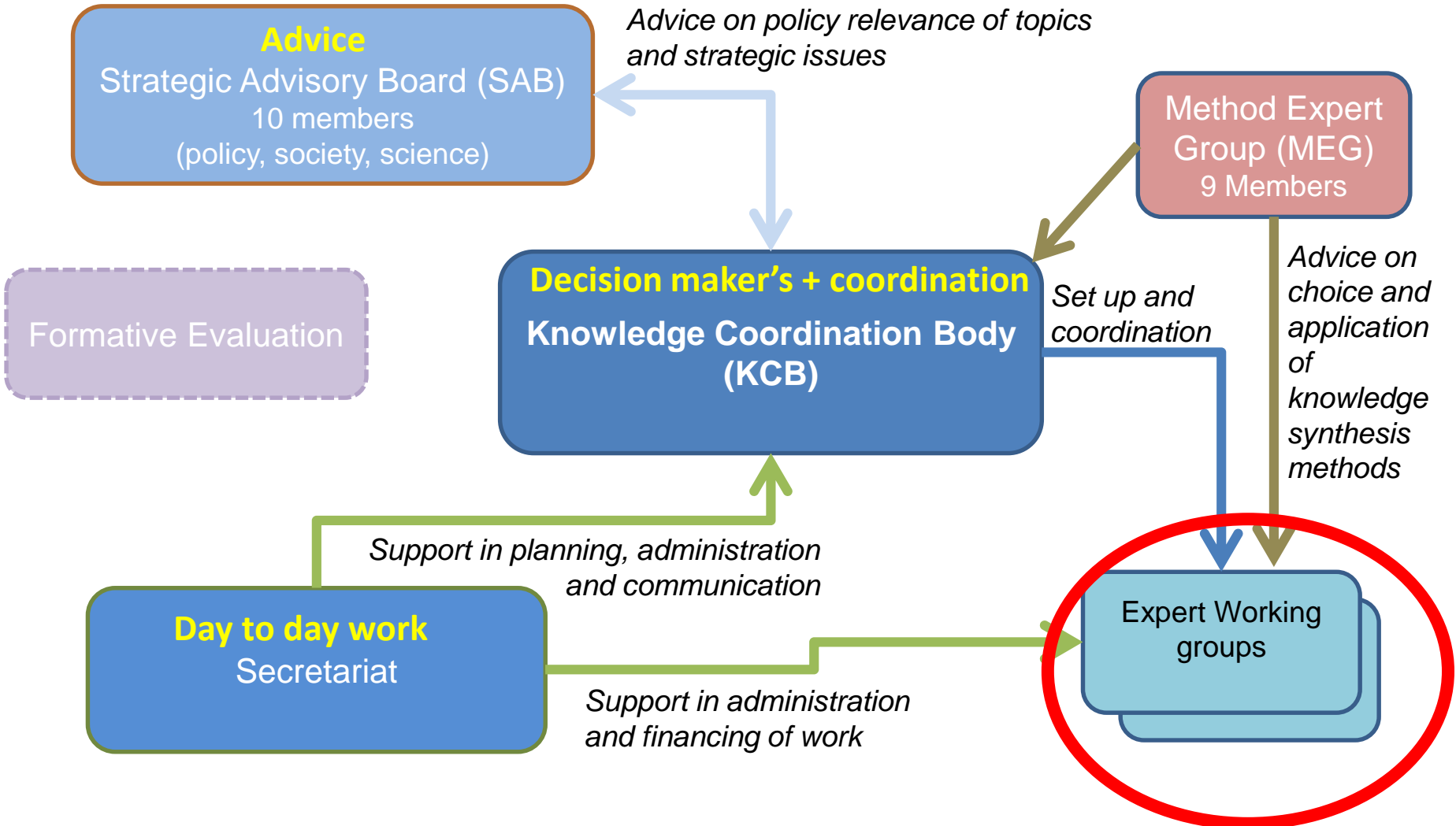




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## How it is done? - Governance structure

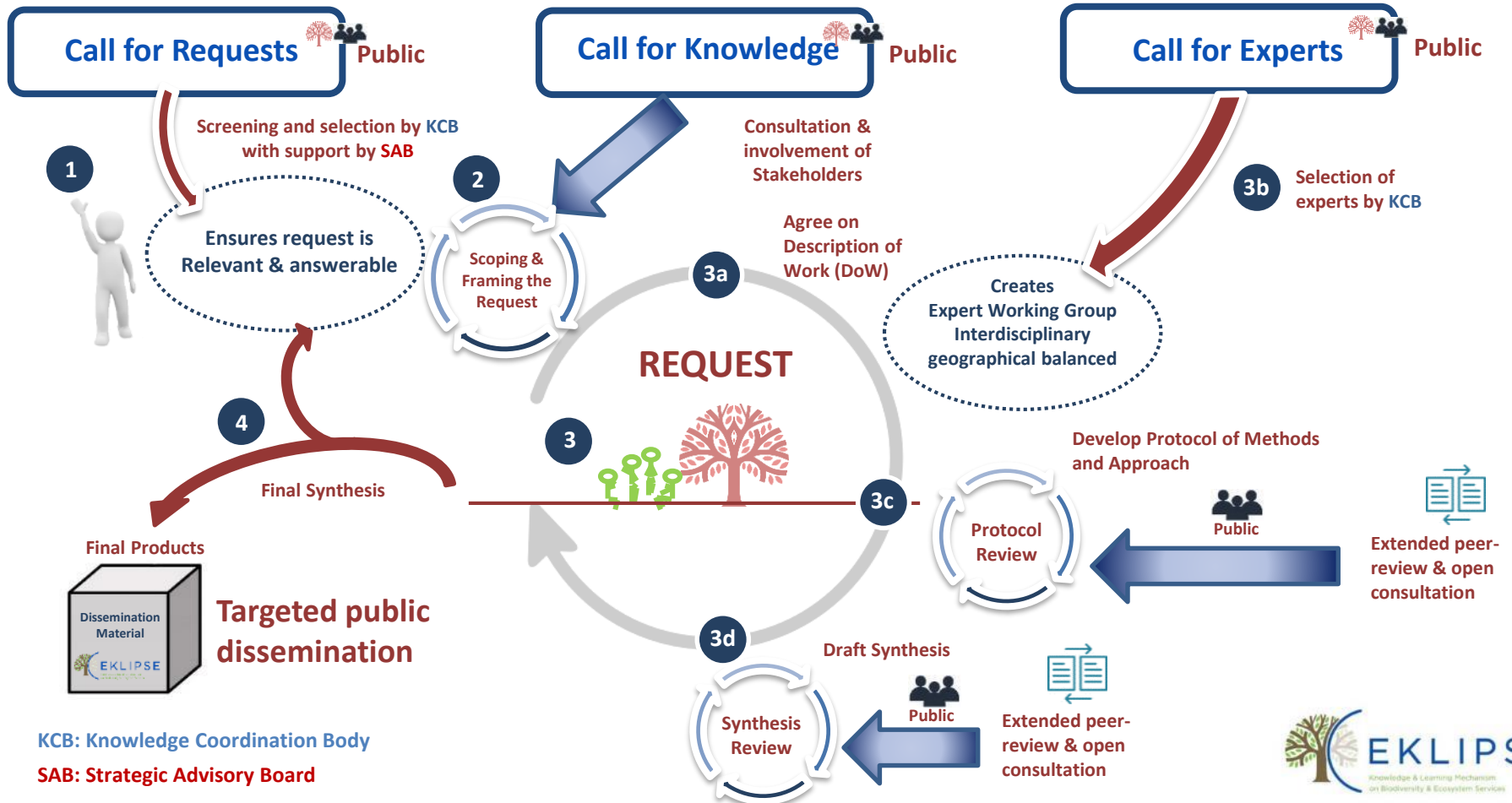




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## How it's done - process of answering a request



[View Request Film](#)

### EKLIPSE processes

#### Policy Requests:

- 3 calls for requests (15 selected requests)
- 5 completed
- 8 in the process ((3 in Scoping, 3 In draft synthesis, 3 in review)
- 2 stopped

**Foresight activities**  
Webconferences & workshops reports

### Capacity building (webinar, Training courses, summer school...)

#### Tools

- Knowledge synthesis methods
- Guidance notes
- Practical guide on organising Horizon Scanning activities

**Ethical infrastructure**  
13 measures



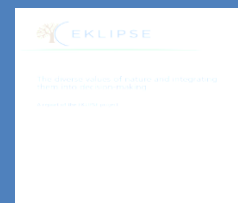
Engaged with over 500 scientists,  
practitioners and decision-makers

Increased researchers' knowledge  
of policy processes

Increased researchers' scientific  
networks

Led to researchers demonstrating  
policy impact

**EKLIPSE**  
works for  
**RESEARCH**







# EKLIPSE

Knowledge & Learning Mechanism  
on Biodiversity & Ecosystem Services

## EKLIPSE works for policy and research

**EKLIPSE  
works for  
POLICY**



Based on years of research on the challenges of the Science-Policy Interface

Provides outputs that decision-makers need

Relevant format and timescale

To the highest standard

Following robust and transparent processes

# Future after 2020(1)

- Is “adopted” = managed by a network/institution – **ALTER NET**
- **OR**
- Is adopted = managed by a network of networks (partnership) – **Alter net** + **Euromarine** + others

## *What roles and responsibilities can Euromarine take by joining the EKLIPSE Network of Networks?*

- Act as an **EKLIPSE Ambassador** by sharing the EKLIPSE calls (e.g. calls for requests, calls for knowledge, calls for experts, calls for capacity building) and related information (e.g. final reports) within your own network via the regular communication channels, and beyond via specific science-policy-society interface activities
- Act as an **EKLIPSE Knowledge Broker** by providing data and information, as well as thematic and methodological expertise via its membership or the network's own infrastructure, and by supporting capacity building on engagement into the mechanism
- Act as an **EKLIPSE Core Partner** by taking an active part in the management of the future mechanism, providing tools and infrastructure and contribute to the continuous improvement of the mechanism via evaluation processes

# Act as an EKLIPSE Core Partner

- “Taking an active part in the management of the future mechanism” - what does Eklipse need to continue to function?

Supported by  
requests  
Donors  
Projects

- **Secretariat**
- **Support for activities** (travel, meetings of KCB, working groups)
- **KCB members**

- **Benefits for Euromarine as core partner**
  - Visibility in the science/policy interface (wider)
  - contact with decision makers: DG R&I+ DG ENV + DG Mare
  - Appoint members of the decision making structures:
    - Selection of activities to be taken up
    - Oversight of activities

## The EKLIPSE VISION

To hand over this mechanism to the wider community once established



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



To promote a culture of evidence  
informed decision making?

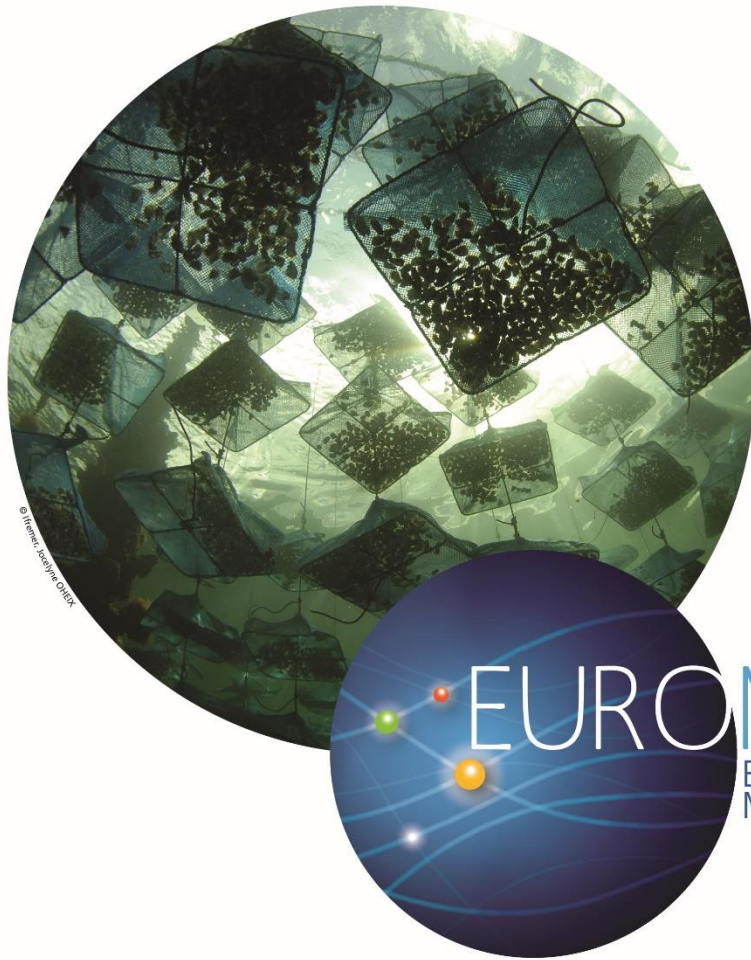


To **manage** an innovative, light,  
ethical and self-sustainable EU  
support mechanism for evidence-  
informed policy on biodiversity  
and ecosystem services



# Other initiatives Euromarine could promote

- Integration of Ocean Observations with increase of Biological Observations
- GEO BON/MBON – Marine Biodiversity Observation Network (GEO Blue Planet and GOOS)
- EOOS – European Ocean Observing System
- AtlantOS – Atlantic Ocean Observing System



THANK YOU FOR  
YOUR  
ATTENTION

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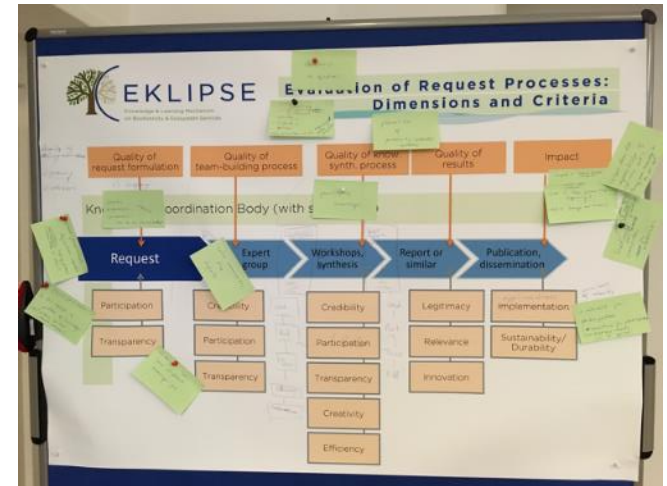




# THE IPBES ASSESSMENT PROCESS



- EKLIPSE continues to test, learn from and adapt the approach so it is fit for purpose
- EKLIPSE will hand over this legacy to the broader community as a self-sustained mechanism post- January 2020





# EKLIPSE

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on Biodiversity & Ecosystem Services

## Current requesters



Roll-out Plan for  
EKLIPSE



Luise Nöring & Malene Kæster Løstheim  
www.eclipse-ec.europa.eu



# POLLINIS



# POLLINIS



5. EKLIPSE approach is building its activities on a **strong Ethical Infrastructure** and a **strong focus on networking and institutional support**



**IUCN**

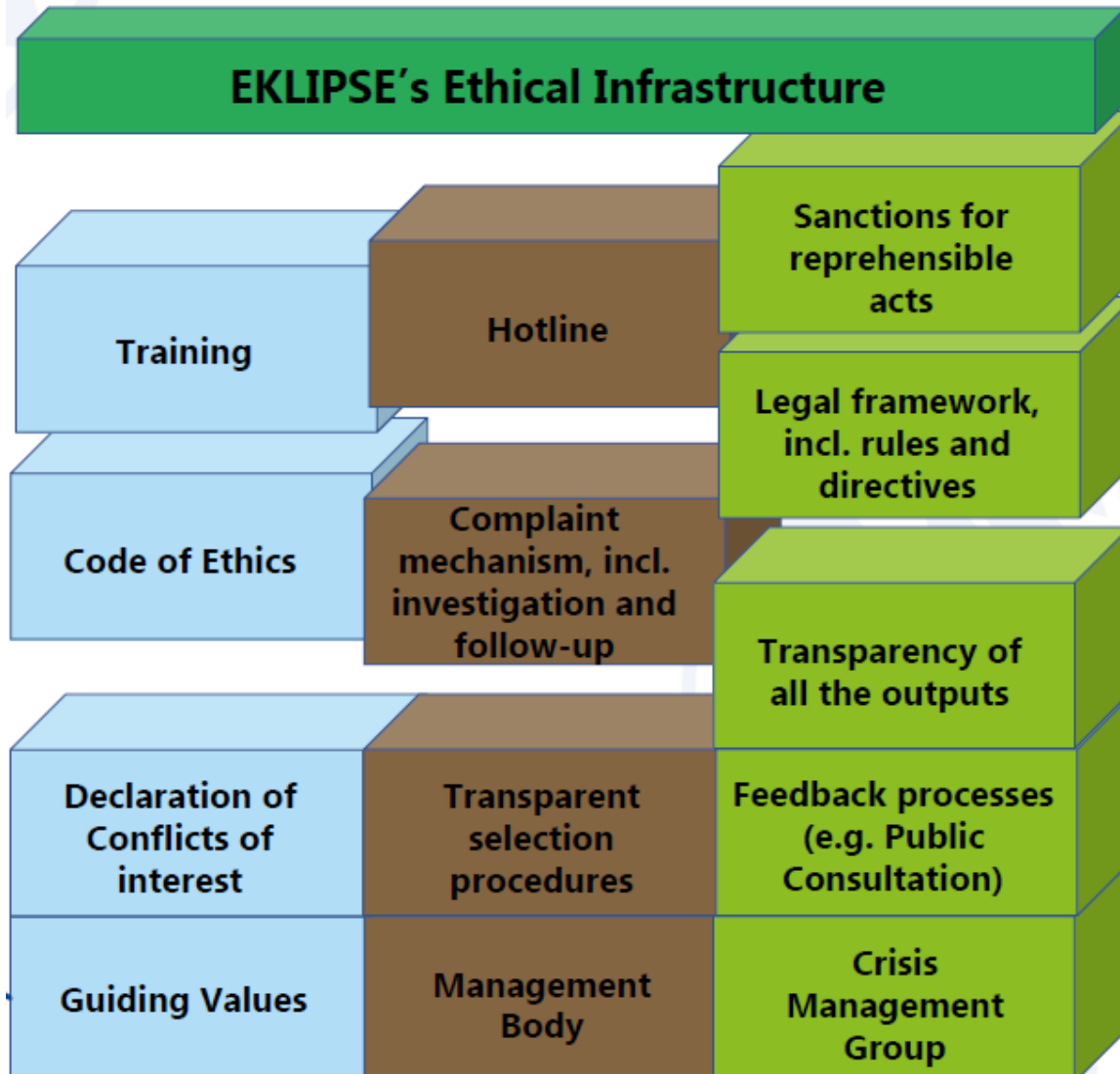




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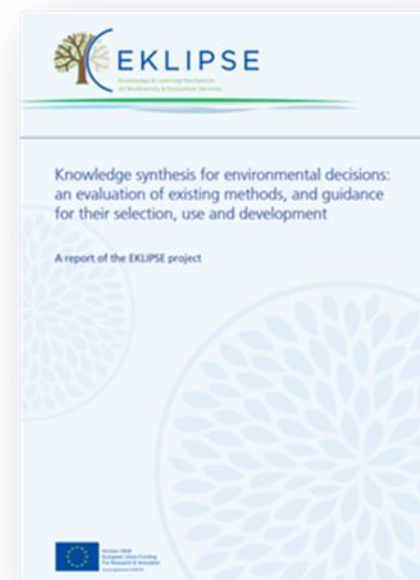
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## A strong ethical infrastructure





4. EKLIPSE includes a Methods Expert Group, who have identified 21 knowledge synthesis methods, and suggest **the most relevant methods to match requesters' needs**



Method	Explore	Engage	Analyse	Evaluate
Systematic Review	✓		✓	✓
Solutions Scanning	✓			
Subject-wide Evidence Syntheses (Summaries and Synopses)	✓			
Meta-Analysis	✓		✓	
Rapid Evidence Assessment	✓		✓	
Scoping Review	✓			
Systematic Map	✓		✓	
Vote-Counting	✓			
Non-Systematic Literature Review	✓		✓	
Expert Consultation		✓		
Multiple Expert Consultation with Formal Consensus Method such as Delphi	✓	✓	✓	
Causal Criteria Analysis	✓	✓		
Bayesian Belief Networks	✓	✓	✓	
Focus Groups		✓		
Discourse Analysis				
Joint Fact Finding (JFF)		✓		
Scenario Analysis	✓	✓	✓	✓
Structured Decision Making			✓	✓
Collaborative Adaptive Management	✓	✓	✓	✓
Participatory Mapping	✓	✓		✓
Multi Criteria Decision Analysis			✓	



## **5. Link with international SPIs**

**IPBES**

**IPCC**

**CBD - SBSSTA**

