Creating a Network of Knowledge for biodiversity and ecosystem services
www.biodiversityknowledge.eu

BiodiversityKnowledge

A Network of Knowledge to help improve decision-making

Carsten Neßhöver, Marie Vandewalle, Christoph Görg & Heidi Wittmer
UFZ Science-Policy Expert Group

HELMHOLTZ CENTRE FOR ENVIRONMENTAL RESEARCH – UFZ

& the KNEU project team

Ecosystems and their services: building the knowledge base for European assessments
1st of October, 2014, European Environment Agency, Copenhagen

The KNEU Coordination Action is supported by the European Commission under the 7th Framework Programme for Research and Technological Development (Grant No. 265299)

The Network of Knowledge approach …

The background: need for a better science policy interface

2006 → 2008 → 2010 → 2012 → 2014

IMoSEB

epbrs Concept note

Biodiversity Knowledge

ipbes Science and Policy for People and Nature → 1st work programme 2014-2018

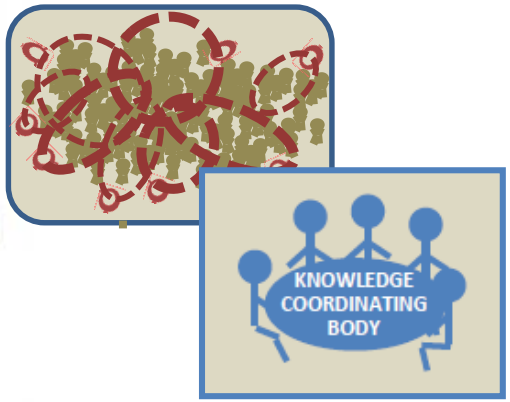
EU 2010 Biodiversity strategy

EU 2020 Biodiversity strategy

EU 7th EAP

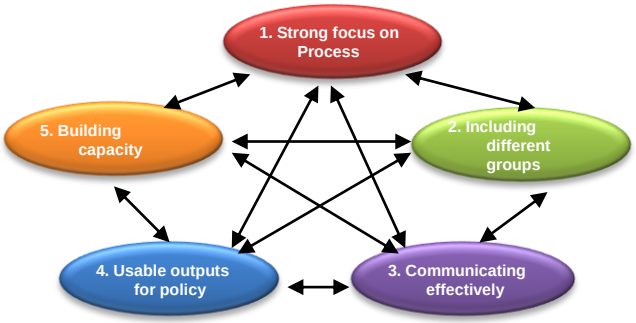
New & innovative approaches "beyond assessments"

Dialogue, networking and inclusiveness



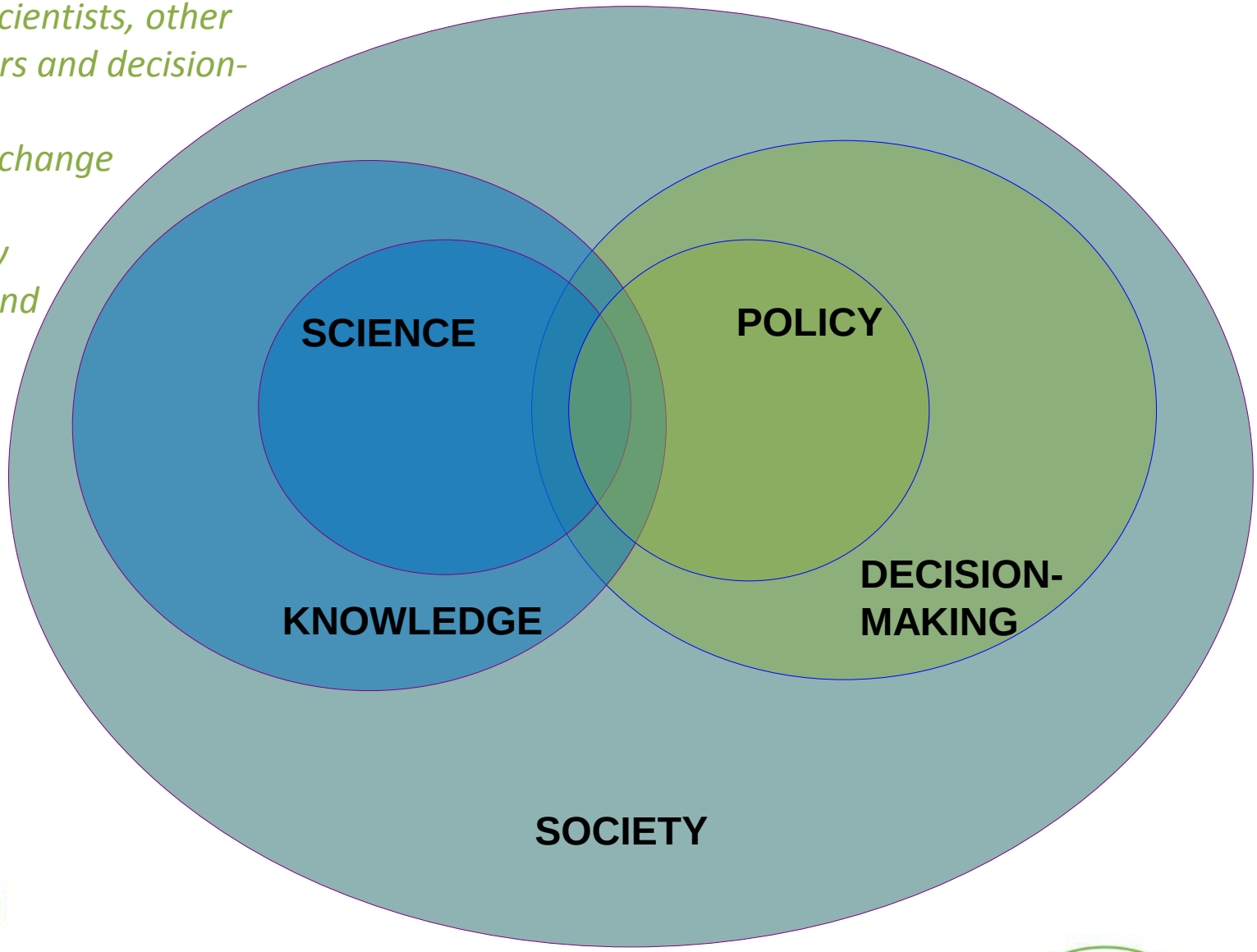
Methodological diversity

Integration across challenges



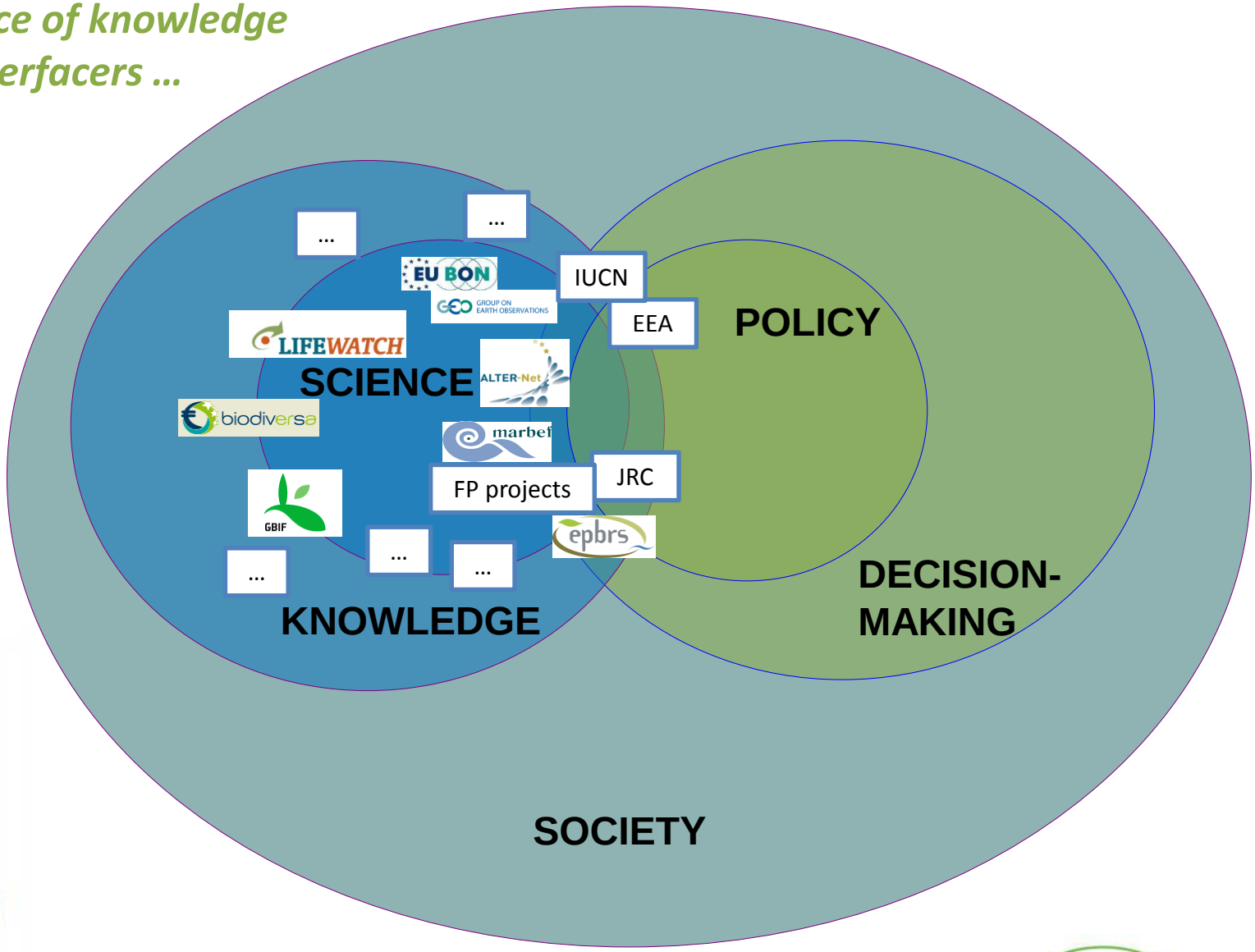
Science-Policy-Society-Interfaces…

"Ways in which scientists, other knowledge holders and decision-makers link up to communicate, exchange ideas and tailor knowledge jointly to enrich policy and decision-making processes and/or research."



Science-Policy-Society-Interfaces…

A crowded space of knowledge holders and interfacers …



Functions

1. Networking and capacity building
2. Answering decision-making needs
3. Identification of knowledge gaps and research needs
4. International collaboration

Added value beyond established approaches:

- Consolidated view from science, & other forms of knowledge as needed

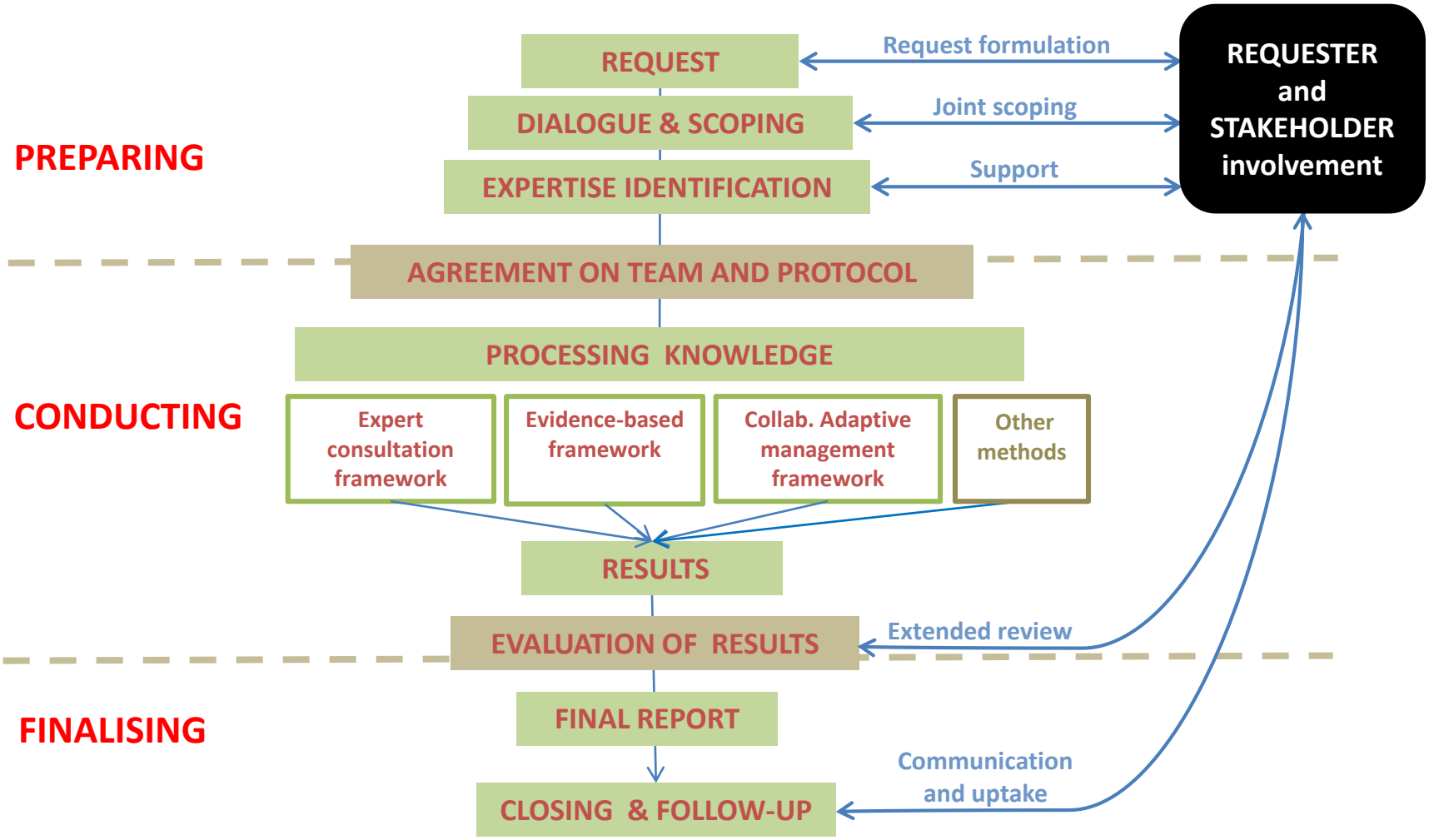
Evolving out of the role of

epbrs

(FP5-FP7)

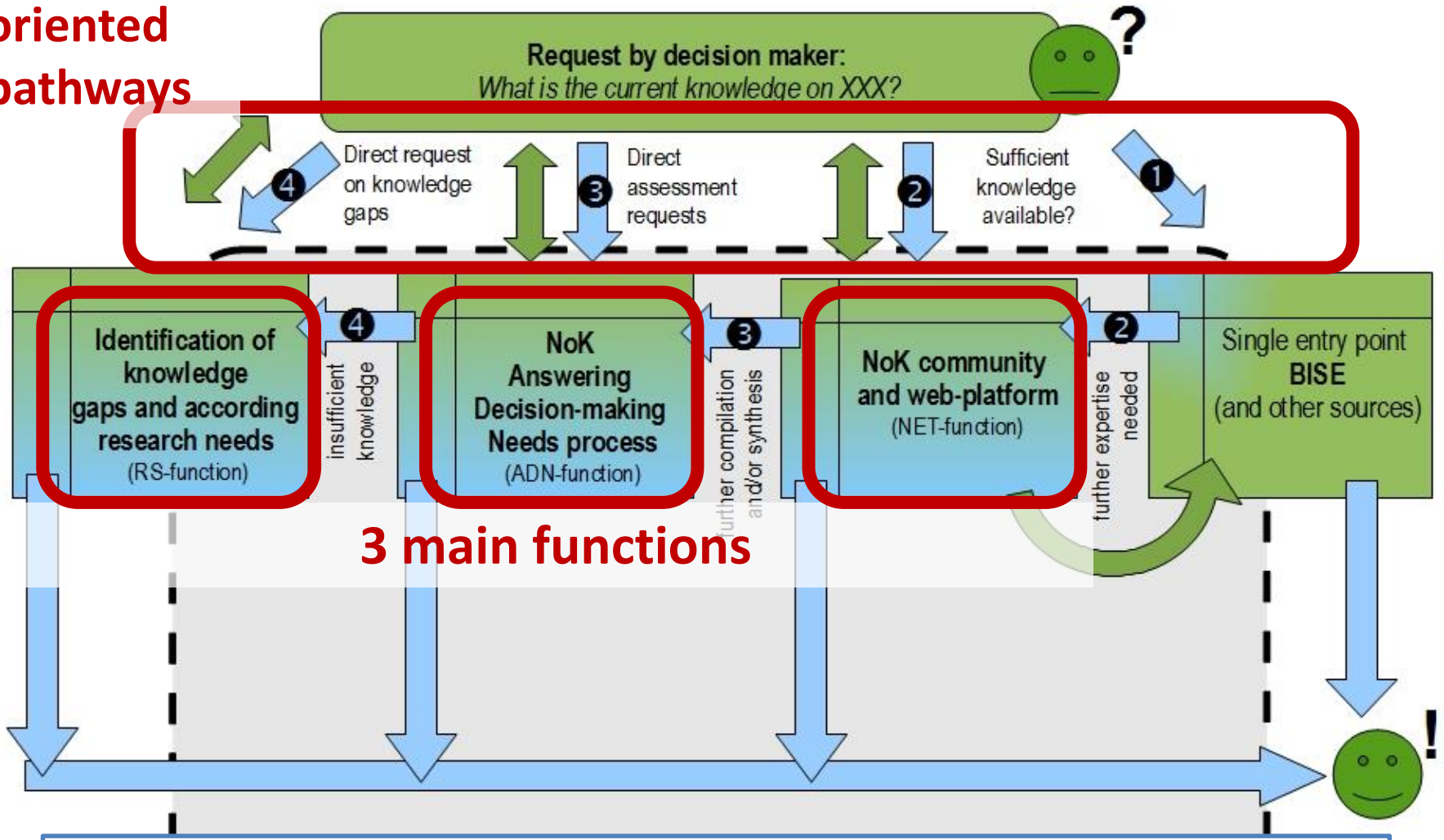
- One entry point for requests
- Complementary to existing institutions

Process to Answer Decision-Making Needs



Functions and processes

Dialogue oriented pathways



For details, see:

Executive summary p.6, Full report, p.31-34

Different roles for knowledge holder institutions

1. **Provision of expertise role**
2. **Knowledge hub role**, e.g. learned societies, ALTER-Net, Marbef…
3. **Management support role,** e.g. institutes, …
4. **Data, information provision role,** e.g., EUBON, GBIF, …
5. **Tools and infrastructure provision role**, e.g. LIFEWATCH, LTER-Europe,…
6. **Capacity building role**, e.g. INNGE
7. **Communication support role**, e.g. NGOs, …
8. **Society and policy interface role**, e.g. ENCA, IUCN…

Potential contributions and benefits

Potential involvement of EEA:

1. **Short-term contributions? (in setting it up)**
2. **Long-term contributions? (to support operations)**
3. **Benefits?**

Biodiversity Knowledge

Thank you for your attention …

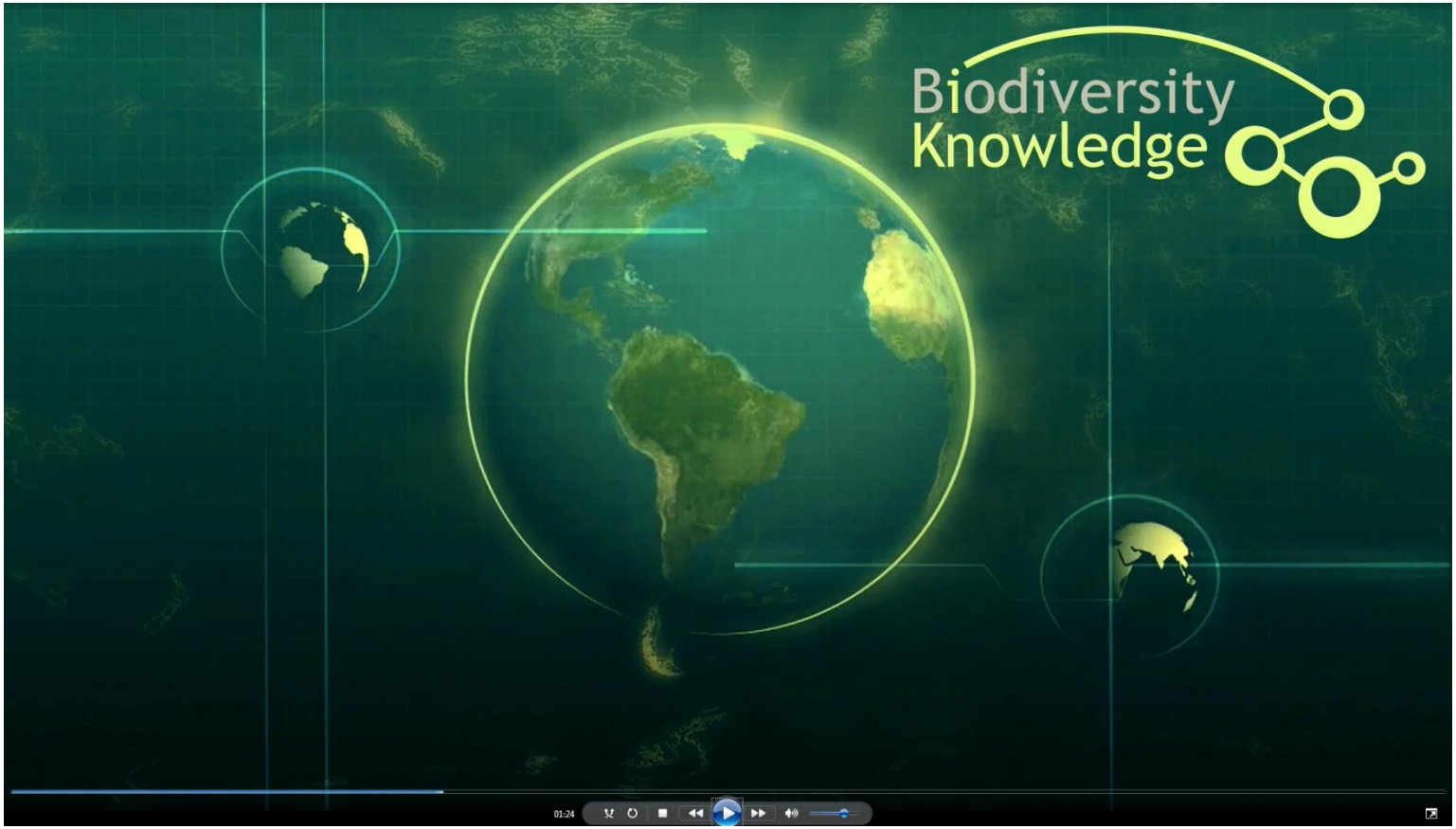
… and thanks to all contributors

Project partners	
UFZ	Germany
NERC-CEH	U.K.
RBINS	Belgium
CIIMAR	Portugal
NIOZ	Netherlands
FRB	France
ALTERRA	Netherlands
University of Vienna	Austria
NINA	Norway
CSIC	Spain
MTA	Hungary
ECNC	Netherlands
Bangor University	U.K.
INBO	Belgium
UBA	Austria
SYKE	Finland
BEC Consultants	Ireland
VLIZ	Belgium

www.vimeo.com/81720304

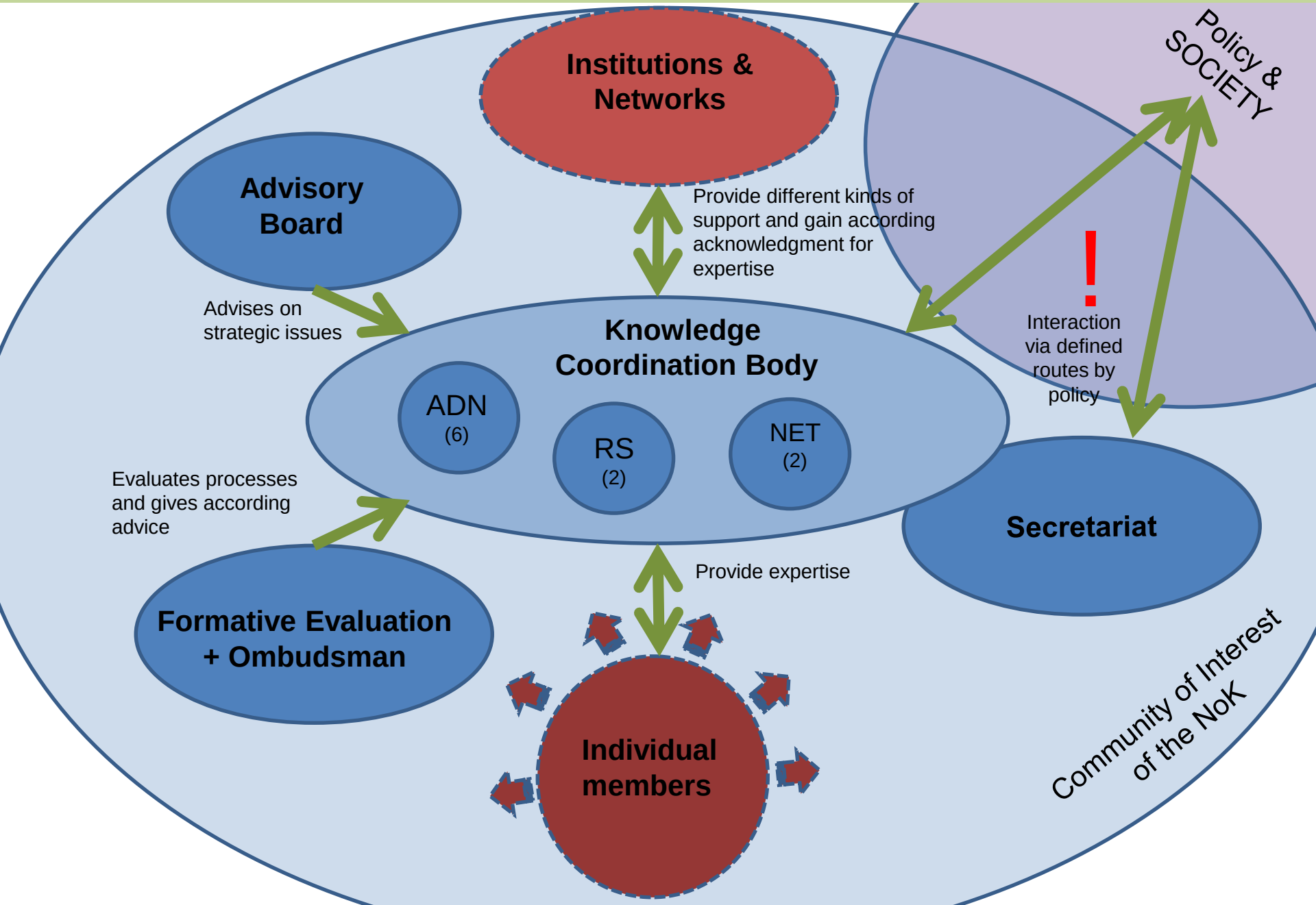
The KNEU Coordination Action is supported by the European Commission under the 7th Framework Programme for Research and Technological Development (Grant No. 265299)

The Network of Knowledge in a video …

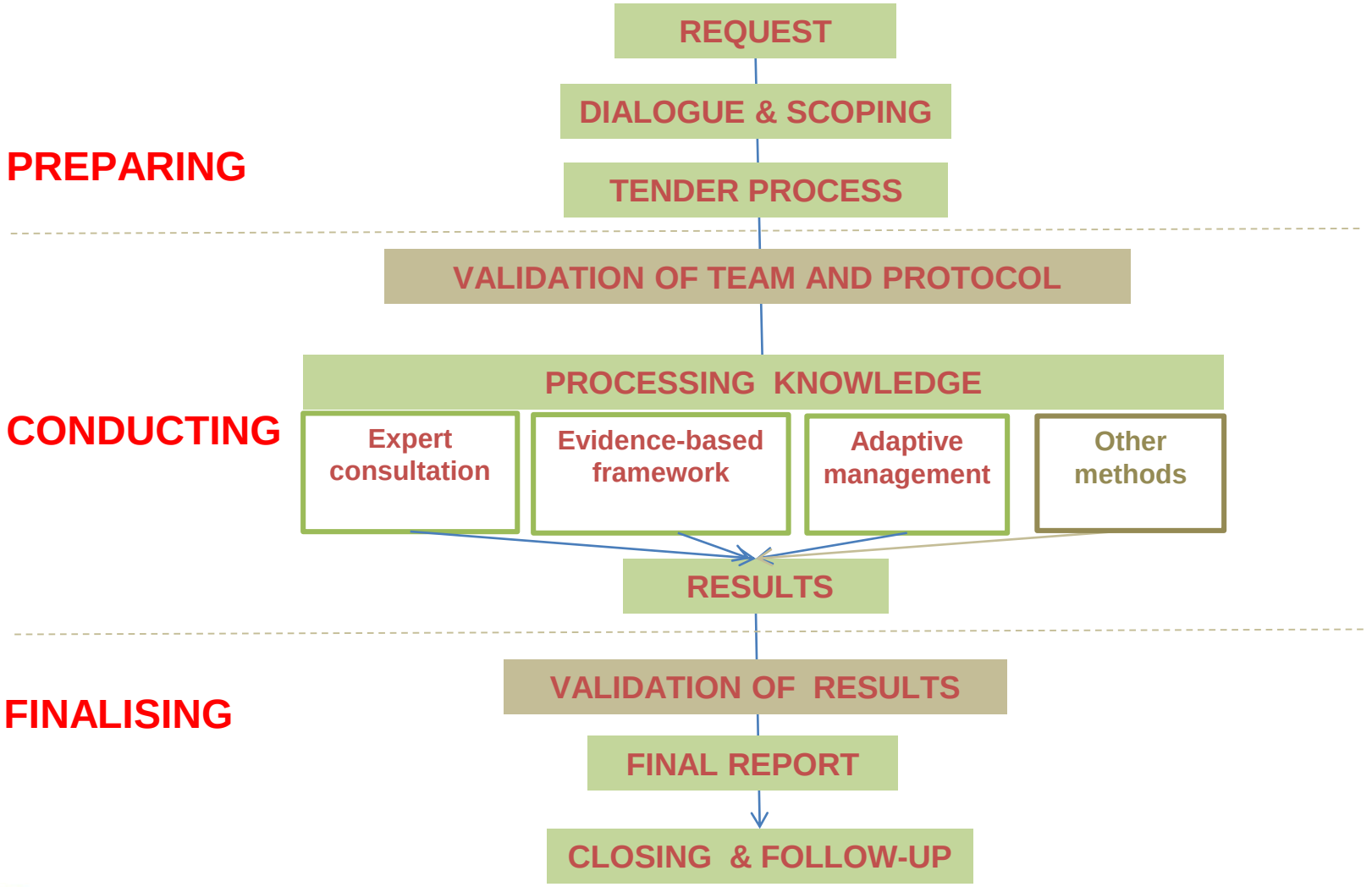


www.vimeo.com/81720304

NoK governance recommended design



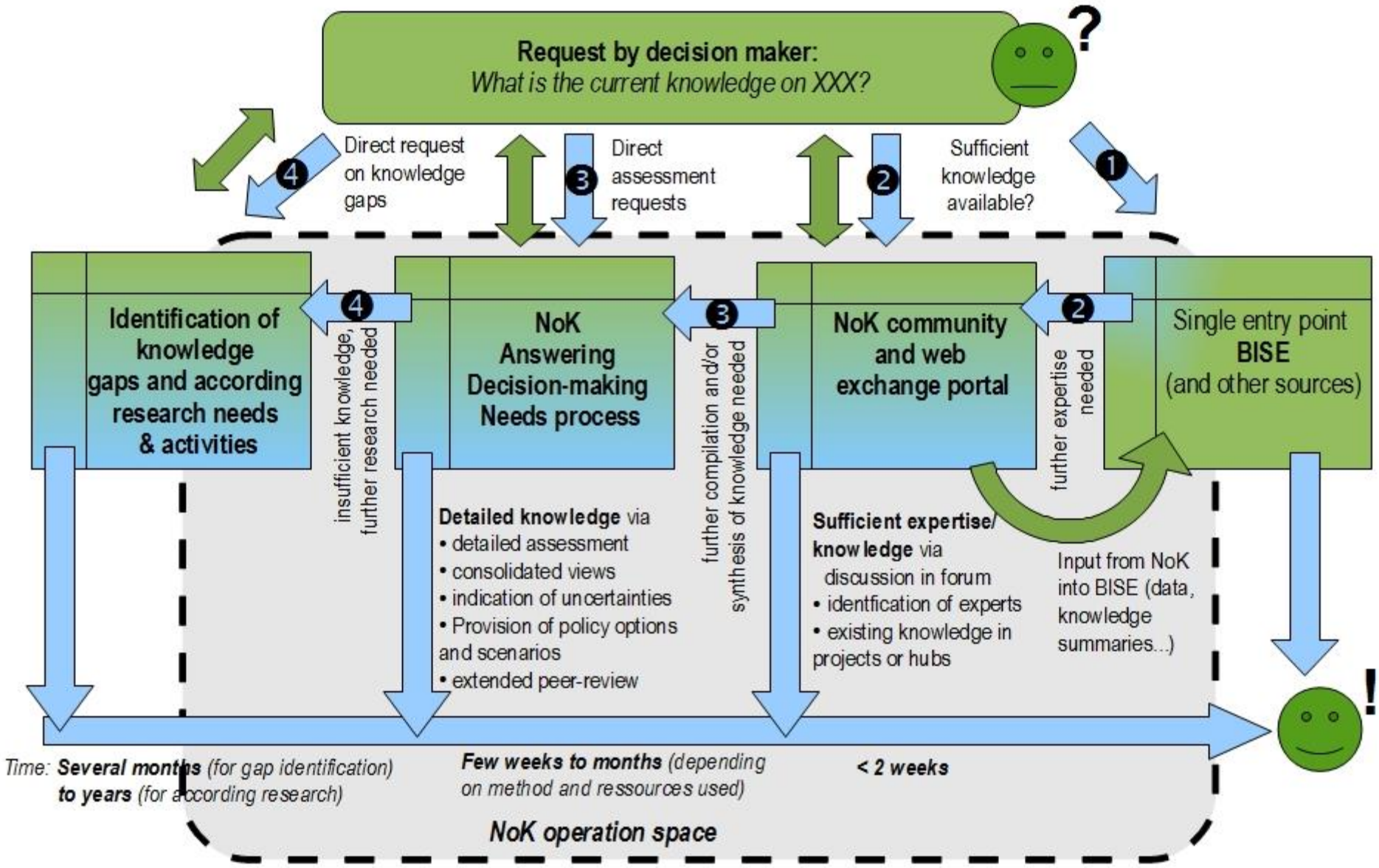
Process to answer requests



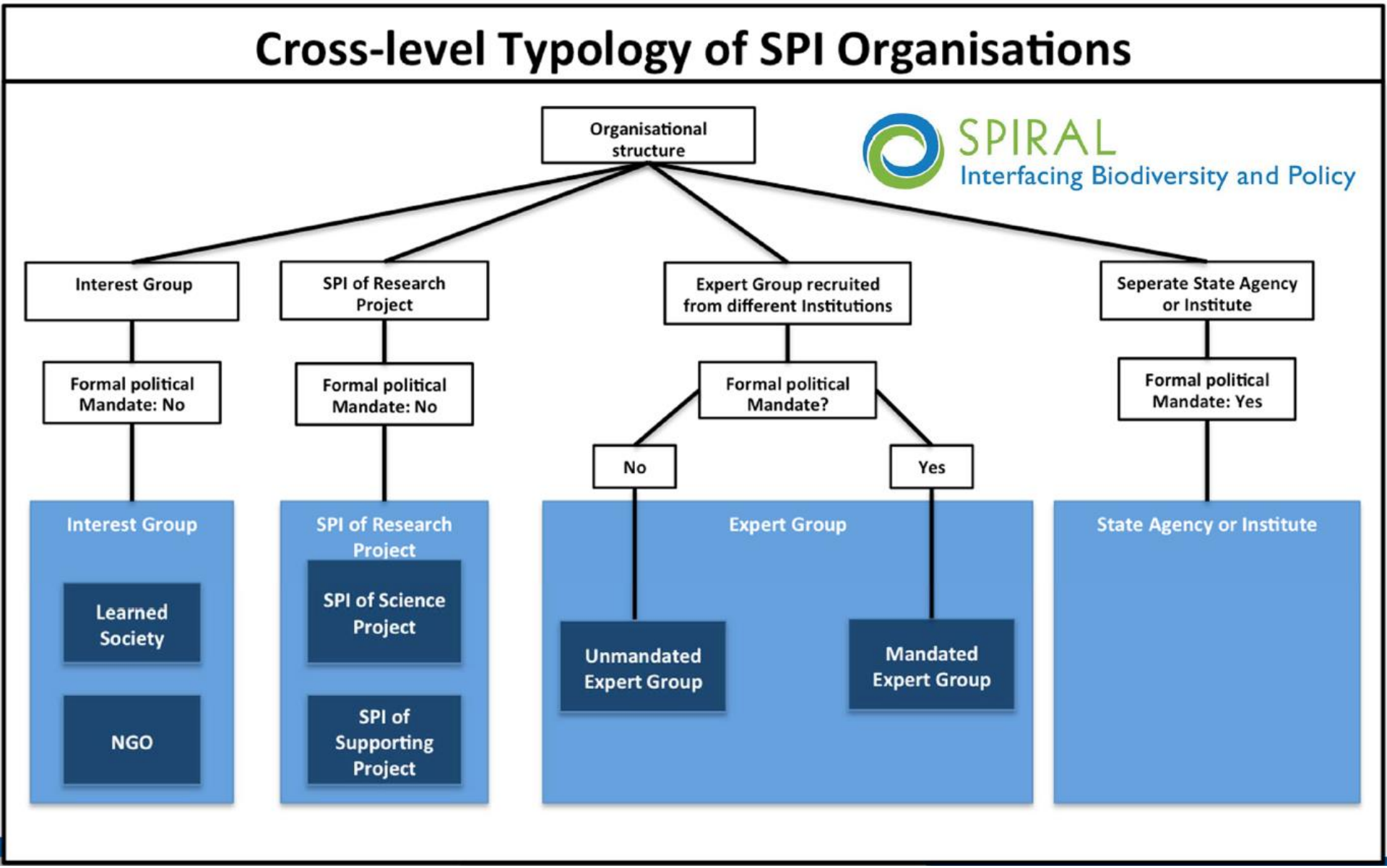
Biodiversity Knowledge

Biodiversity Knowledge

Functions and processes

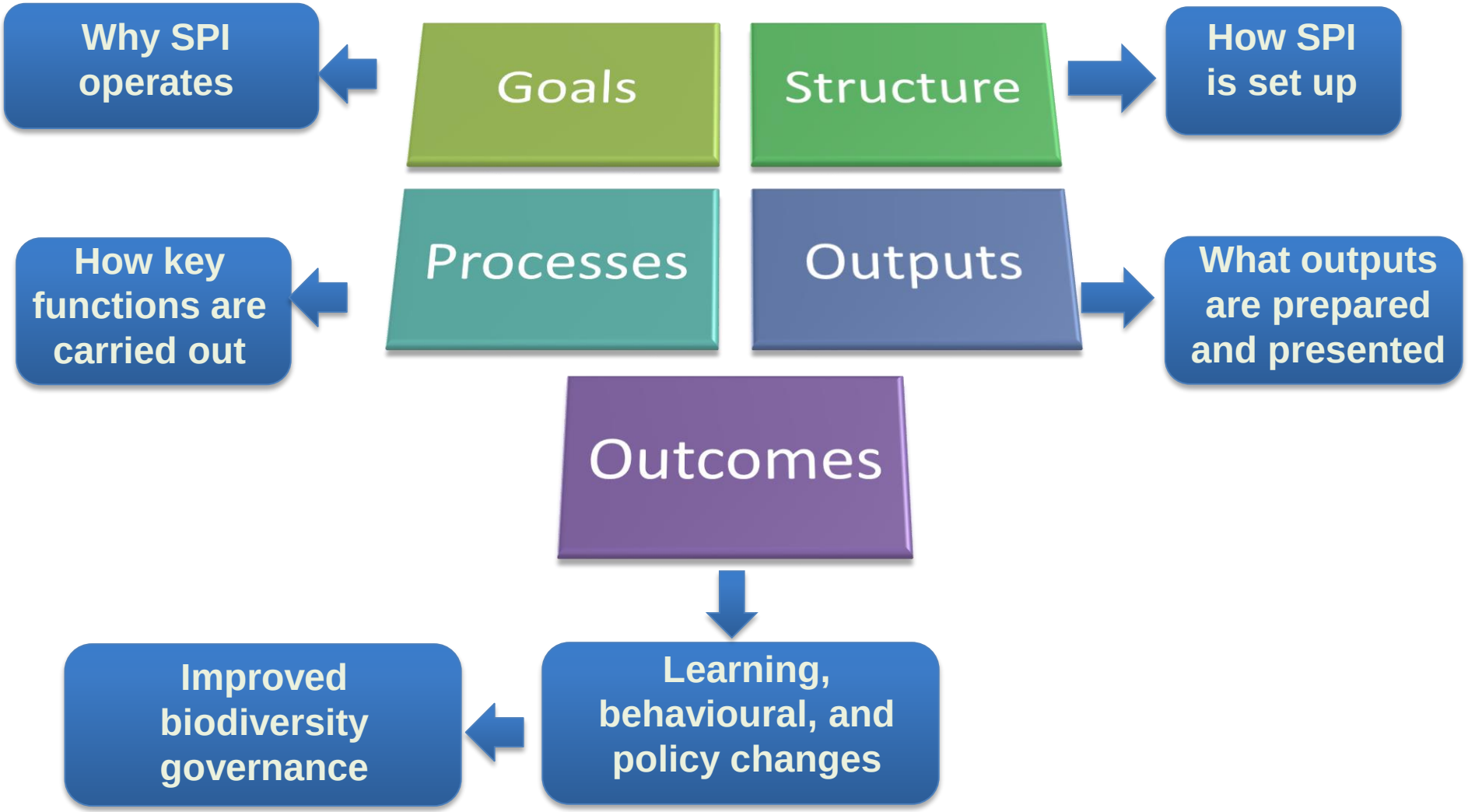


Typology of SPIs

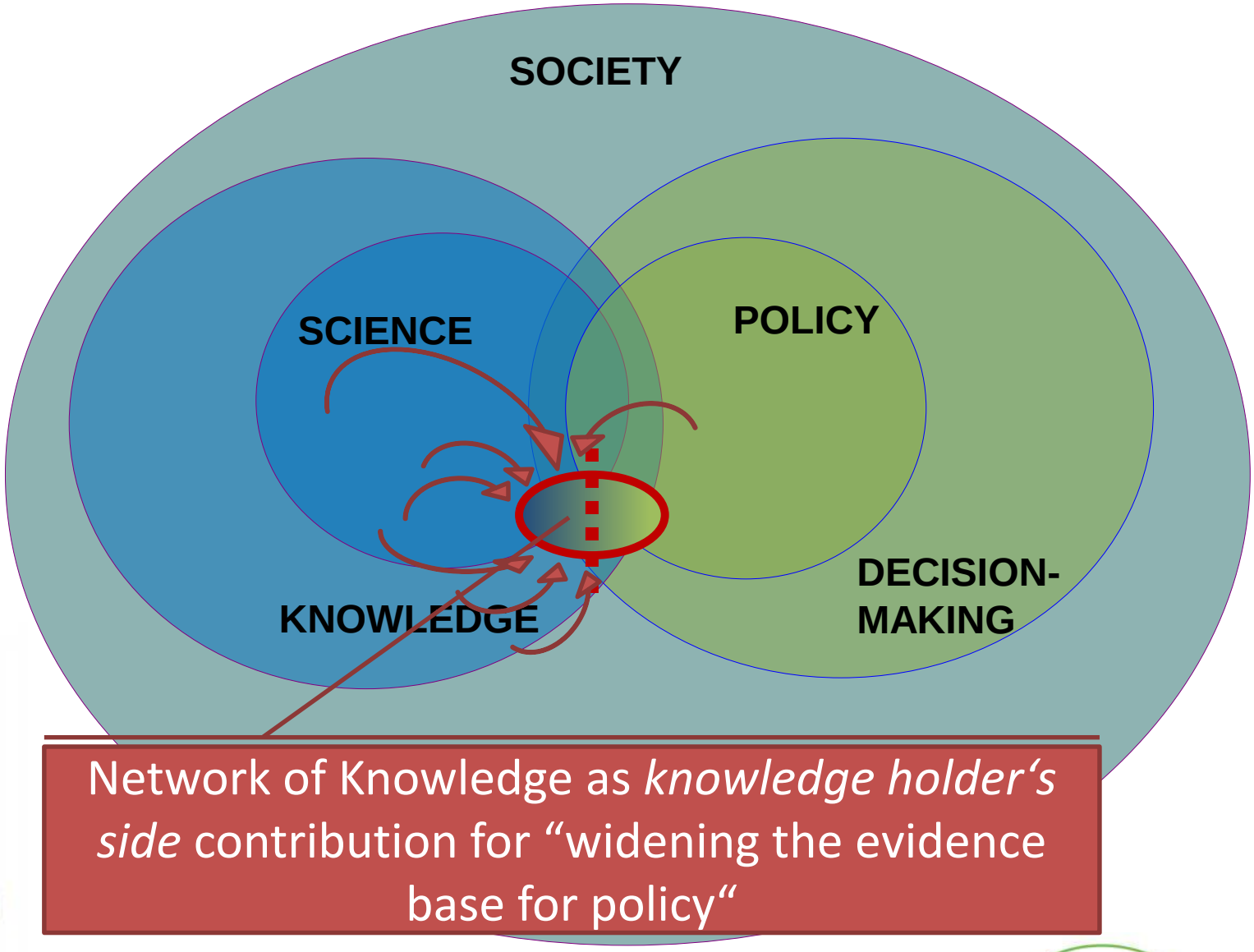


From mapping SPIs study in SPIRAL project

Key features of succesful SPIs



Science-Policy-Society-Interfaces…



Network of Knowledge as *knowledge holder's side* contribution for "widening the evidence base for policy"

Different roles for knowledge holder institutions

1. Provision of expertise role
2. Knowledge hub role
3. Management support role
4. Data, information provision role
5. Tools and infrastructure provision role
6. Capacity building role
7. Communication support role
8. Society and policy interface role