



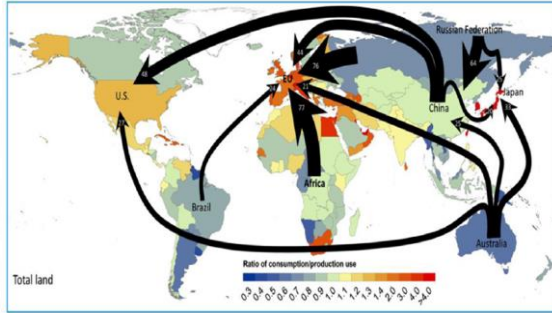
Why a project called Bio-Agora is needed?

Eeva Furman

Finnish environment institute SYKE

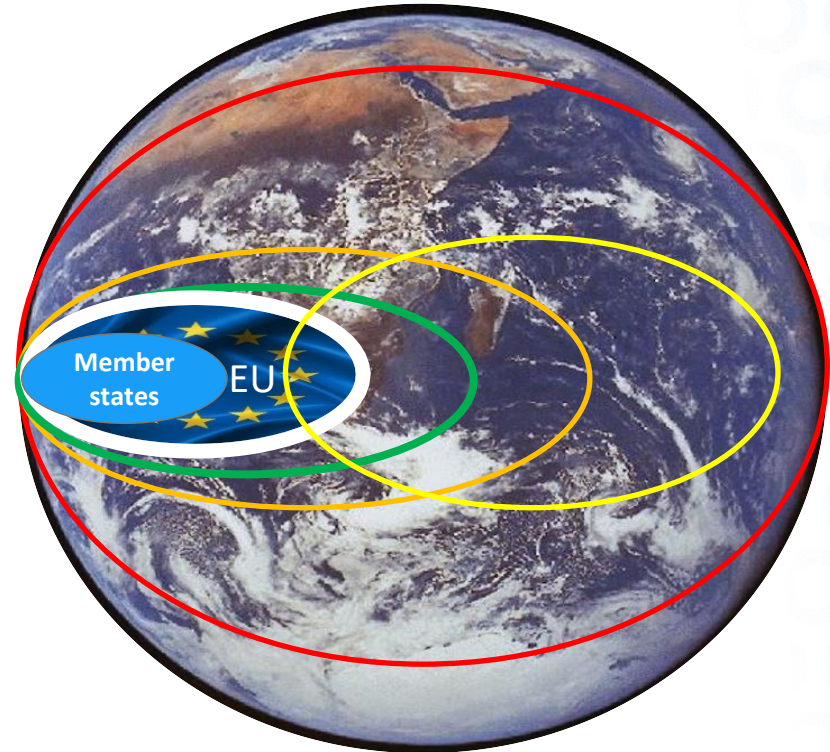
Alternet conference 16.6.2022

EU: biodiversity footprints and handprints extend from local to global level

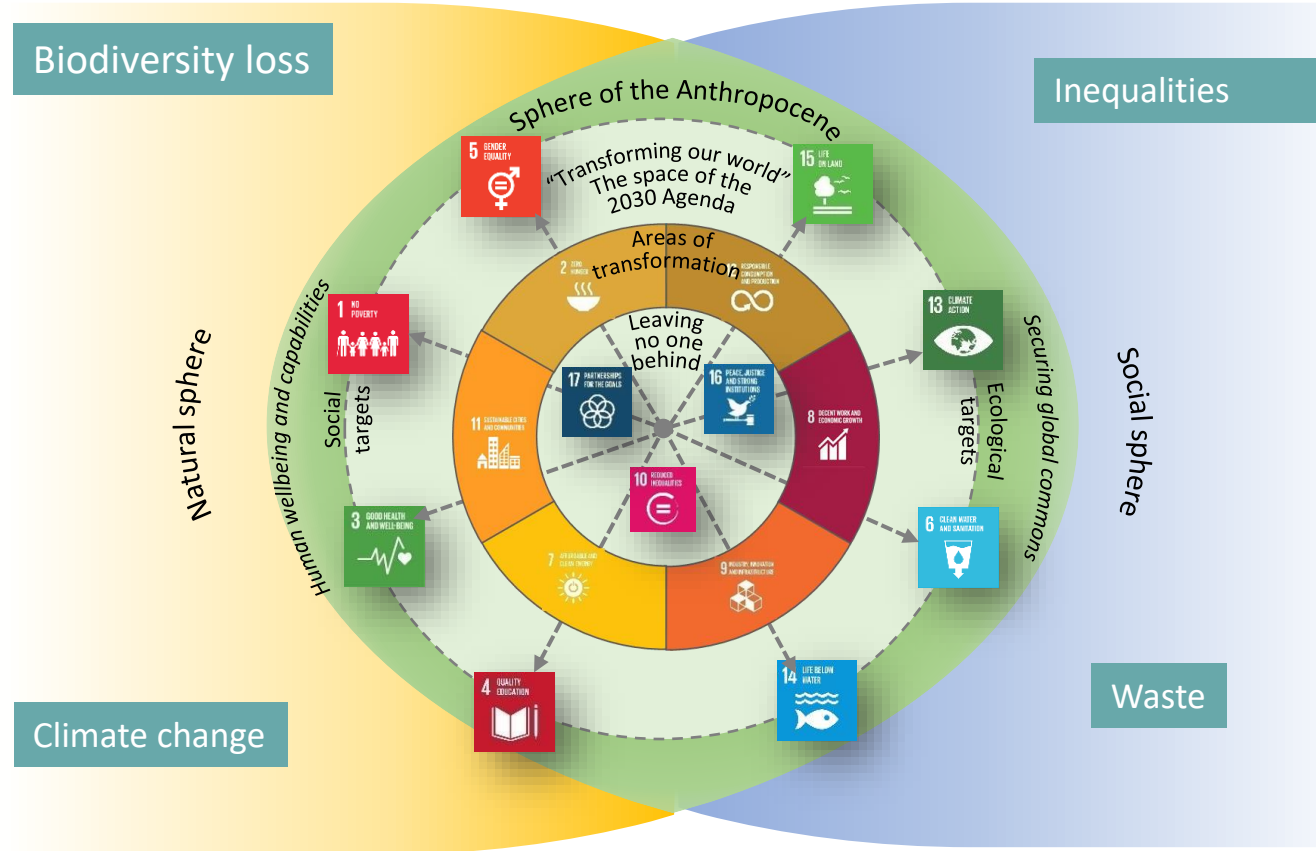


Yu et al. 2013

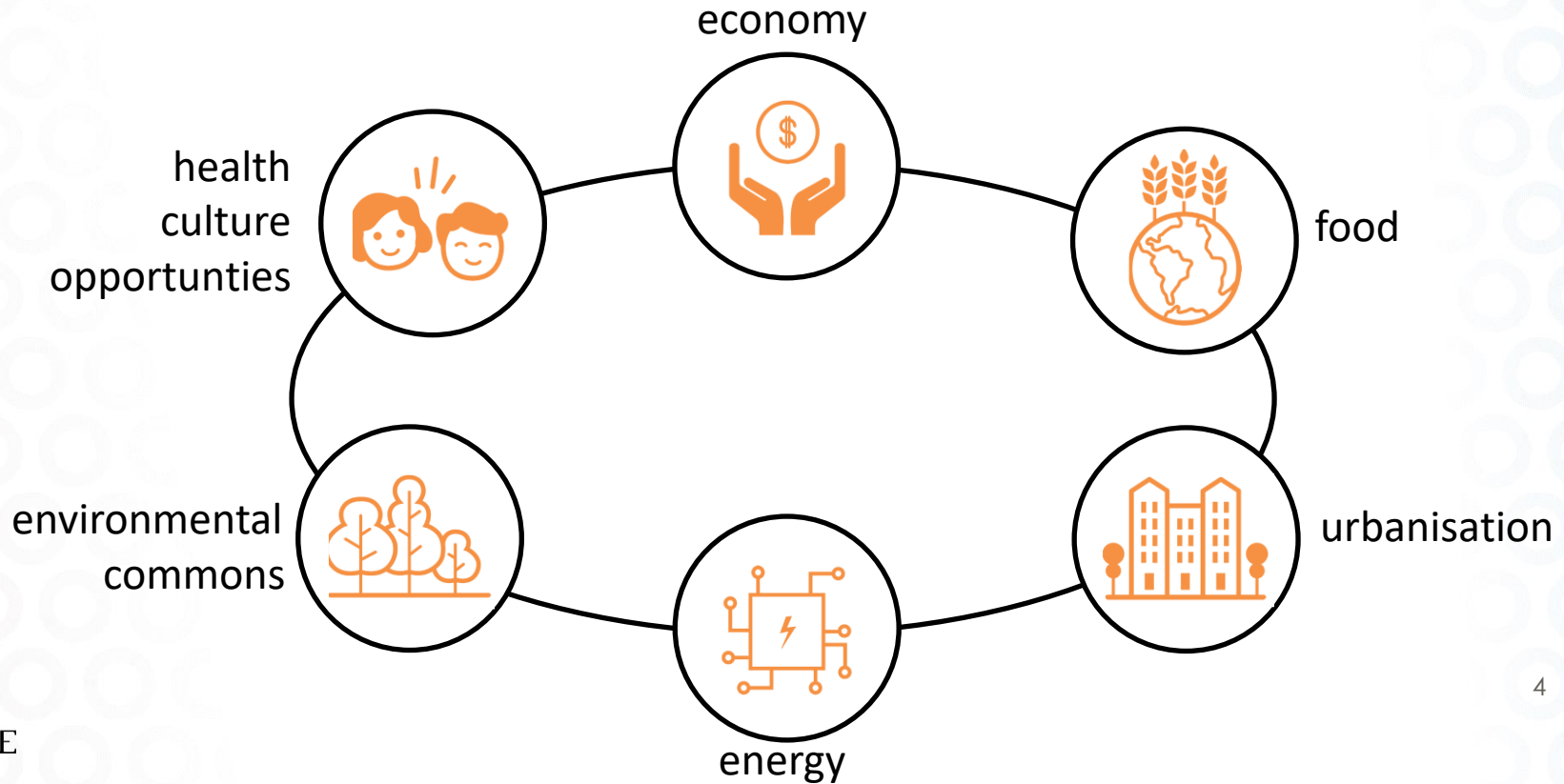
- Assoc Countries
- Developing countries
- Overseas OTCs
- UN



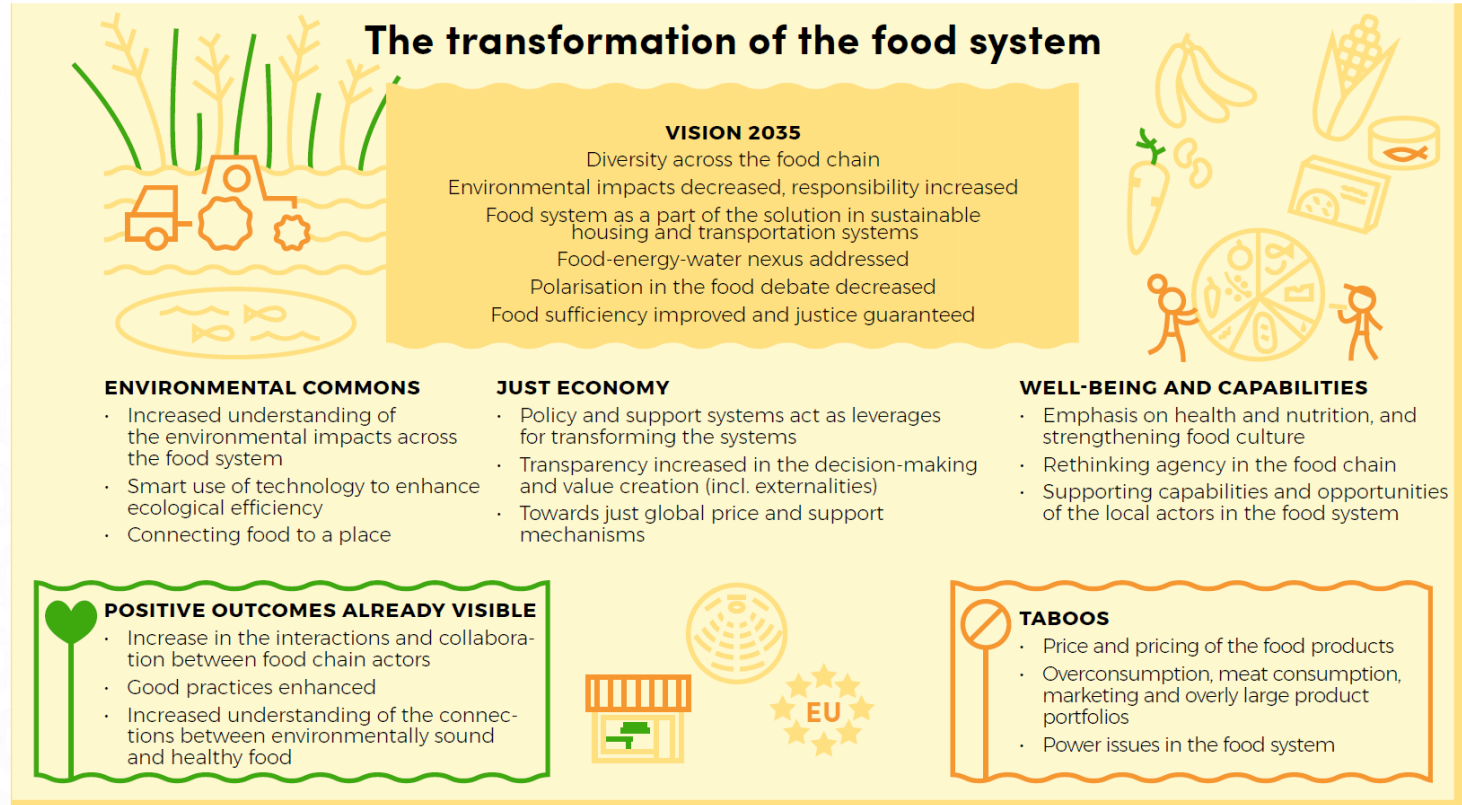
Biodiversity loss interlinked with other ecological and socio-cultural challenges and solutions



Biodiversity loss is created from unsustainable societal systems



Transforming systems from unsustainable to sustainable



EU to tackle the challenges with knowledge based policies and governance

EU Green Deal 2019 (EGD):

transform the EU in a just and inclusive way into a fair and prosperous society

Core of transformatative change:

Protecting, conserving and enhancing EU's natural capital

EU Biodiversity strategy for 2030 (BDS2030)

Need to take measures to address the main drivers of biodiversity loss

Eg. Change in land and sea use, overexploitation, climate change, pollution, invasive species

meta-analyses

information
systems

There is a rich
**biodiversity
science and
science-policy
landscape in the
EU**

evaluations

databases

assessments

monitoring

PEER

Alternet

Eklipse

Oppla

FISE

Life
program
me

BISE

Bank
Investment

ETC-SD

Europabon

EU B&B
platform
and UPM

LTER
Europe

European
Young
Academy

European
Young
Academy

European Bird
Census council

Prezode

ICLEI

TeaGasc

SCAR

ESP

IPBES

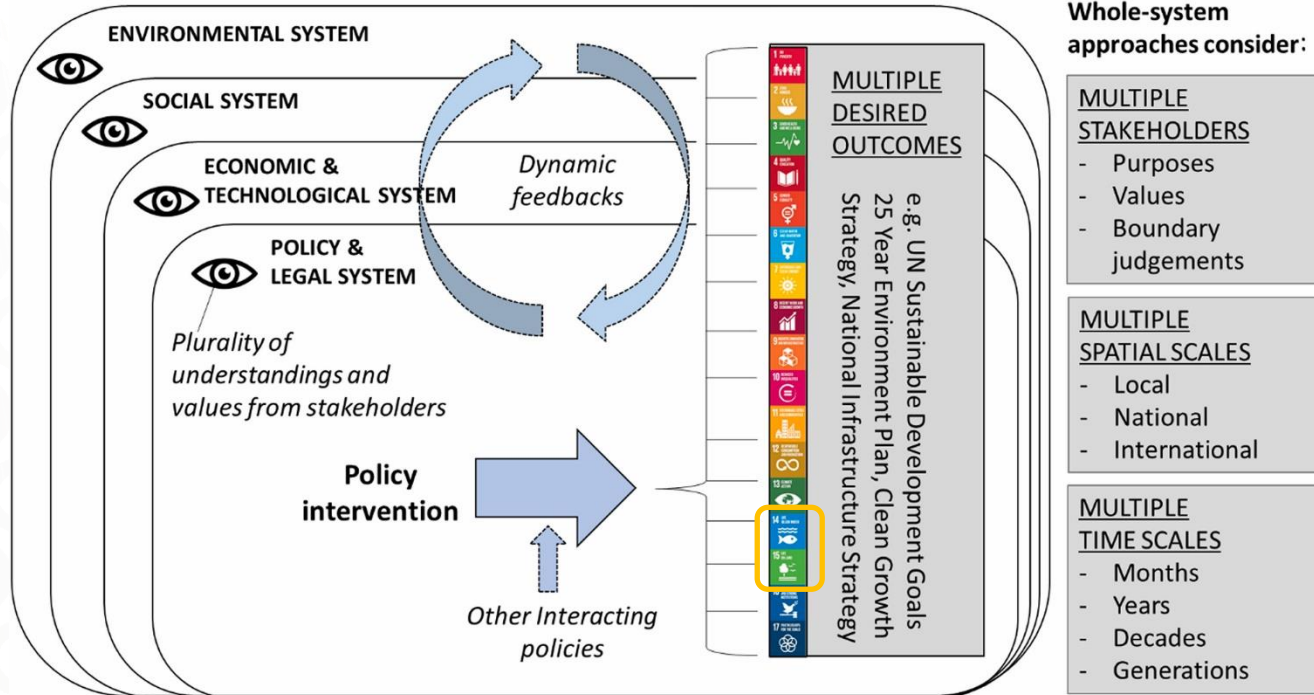
Future
Earth

CBD

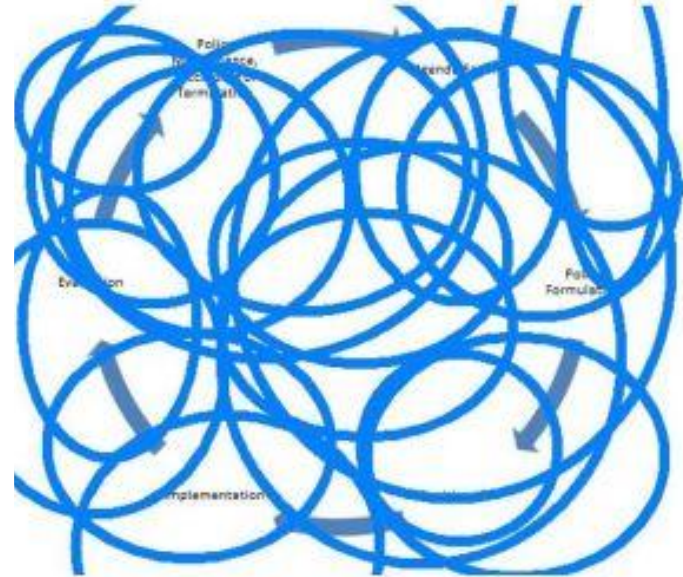
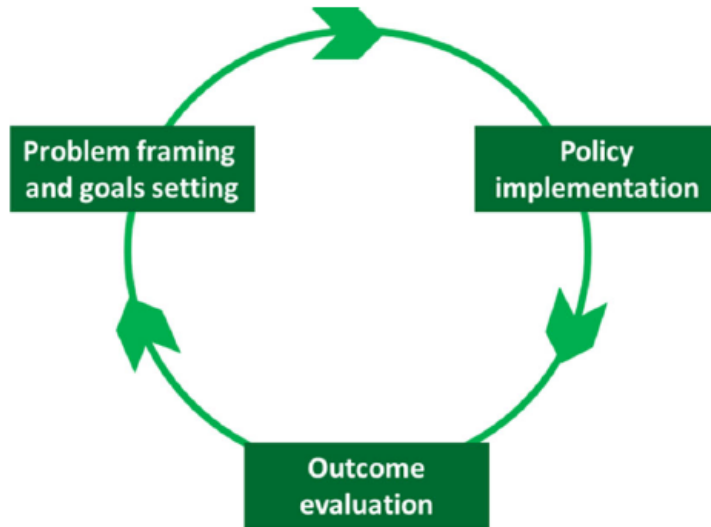
BD
partnership



Transforming societal systems from unsustainable to sustainable is complex

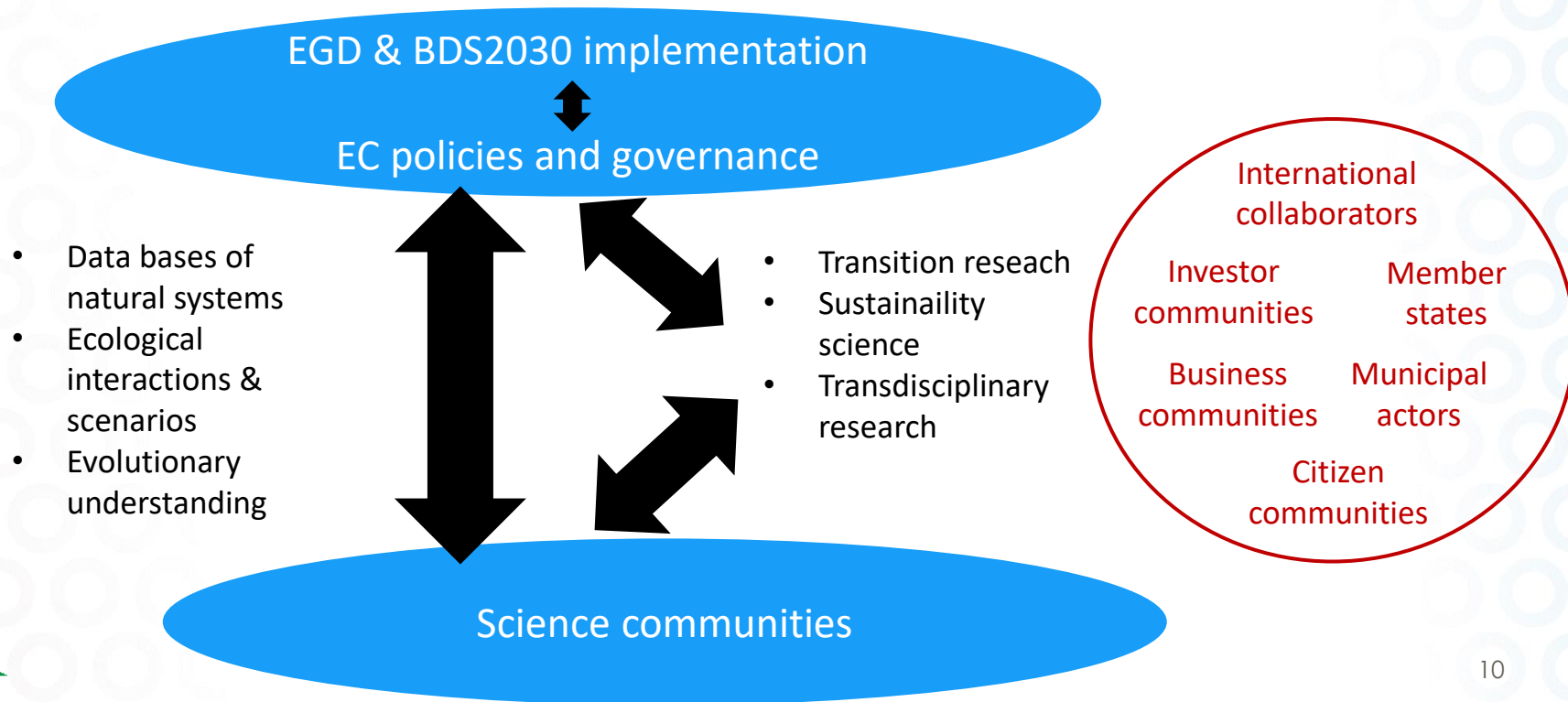


Policy making is messy



Left: Jokinen et al.2016, right: Saarela (personal)

Science is key in the transformative change

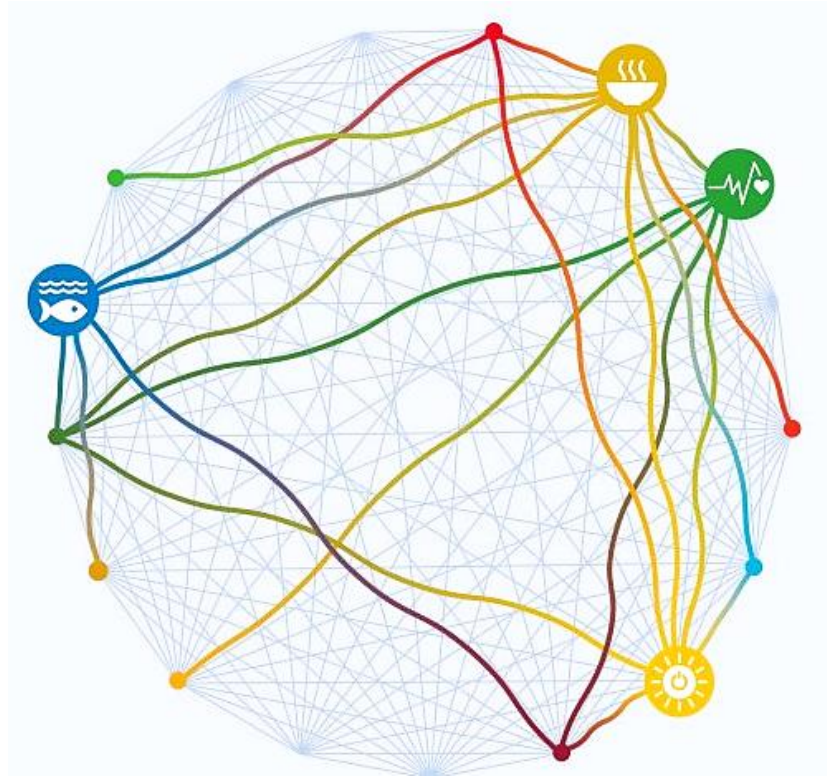




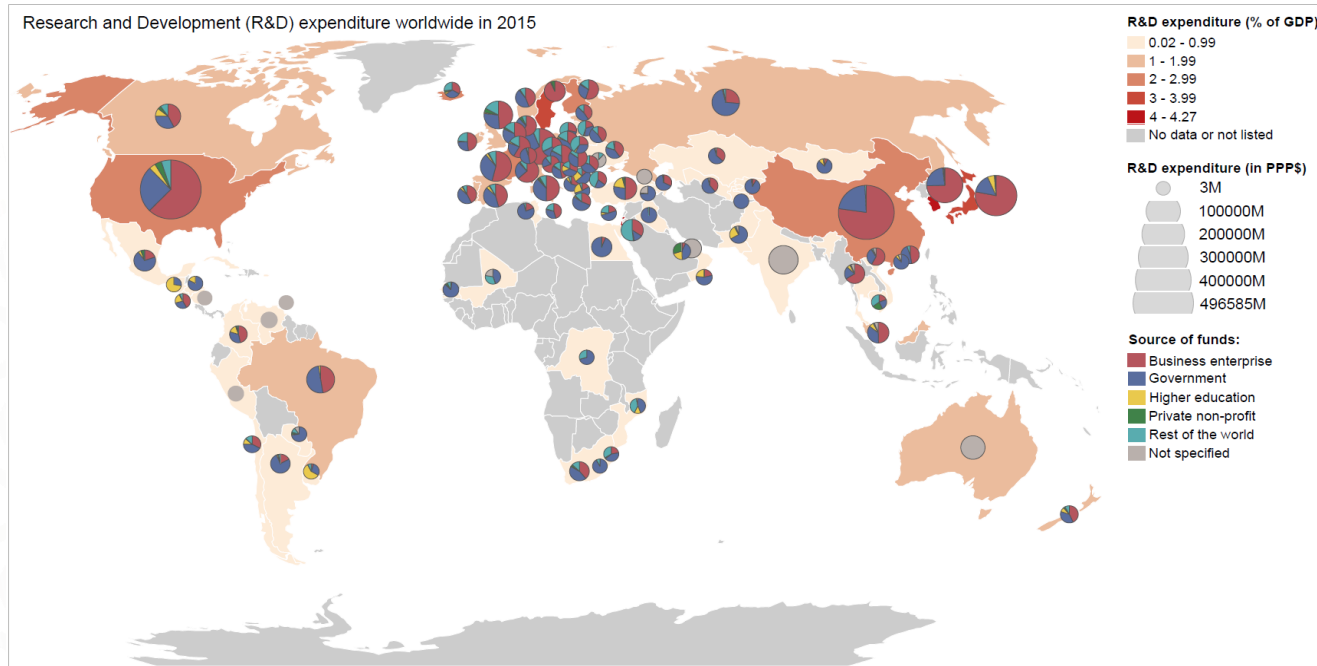
Science to advance transformative change for biodiversity through policy

- Mission-oriented research guided by Biodiversity Strategy, Green Deal, CBD and the 2030 Agenda
- Scientific assessments of existing transformation knowledge including non-academic sources
- Funding schemes & programmes for inter- and transdisciplinary research
- Incentive- and evaluation schemes to ensure transformative change also in science
- Experimental spaces and transformation labs for next generation science-policy interfaces

Harnessing existing knowledge for the use of SPI



Boosting scientific knowledge in low and middle income countries for SPI in short and long term



UN

Science policy interface – scientists perspective

making your science visible, use for your research, making impact,
networking opportunities, learning from policy and colleagues, cv,
getting funding

Bring to the
table best
available
knowledge,
taboos and
unknowns



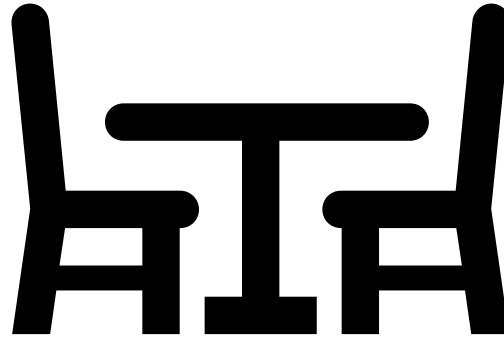
SPI table

Take from the
table requests
formulated with
decision-makers
to better
understand their
needs

Science policy interface – policy makers perspective

Help you to formulate evidence based policy, learn from new approaches to governance, understand latest trends and their impacts, receive a broader perspective towards policy coherence

Bring to the table knowledge needs to be formulated with scientists into requests with a useful frame



SPI table

Take from the table concrete answers from best available knowledge, ideas of taboos and eyeopenings to the unknowns



Policymakers to ensure that science is advancing transformative change for biodiversity through policy

- Defining their goal and mission for transformative change
- Defining the degree of investment to science uptake
 - Commitment to use own resources (time)
 - Commitment to allocate resources to scientists (money)
- Collaborating with science and through science
 - Request processes of various kinds
 - Ensuring transparency in policy processes
 - Long term commitment
 - Co-creation, workshops, face to face, teams, calls....



Shared challenge

Transforming science practices

transforming policy processes

towards co-learning co-development co-evaluation

→ to reach next generation science-policy interface

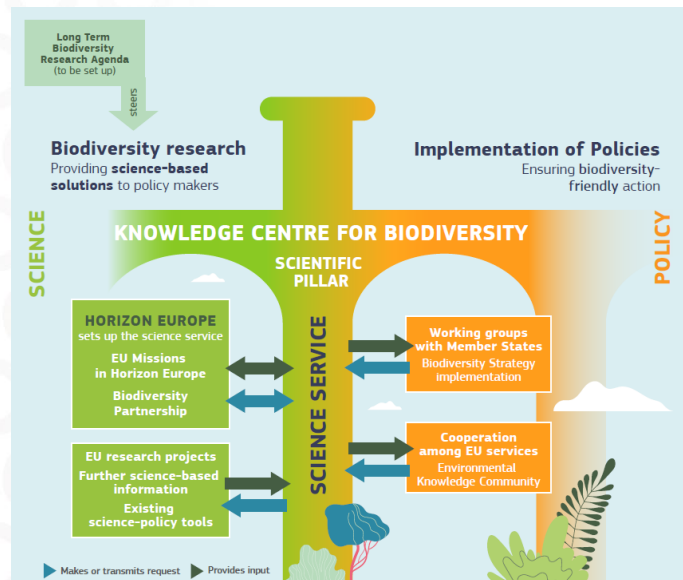
→ to ensure evidence driven biodiversity governance towards sustainable planet

Science service to boost science based transformative change

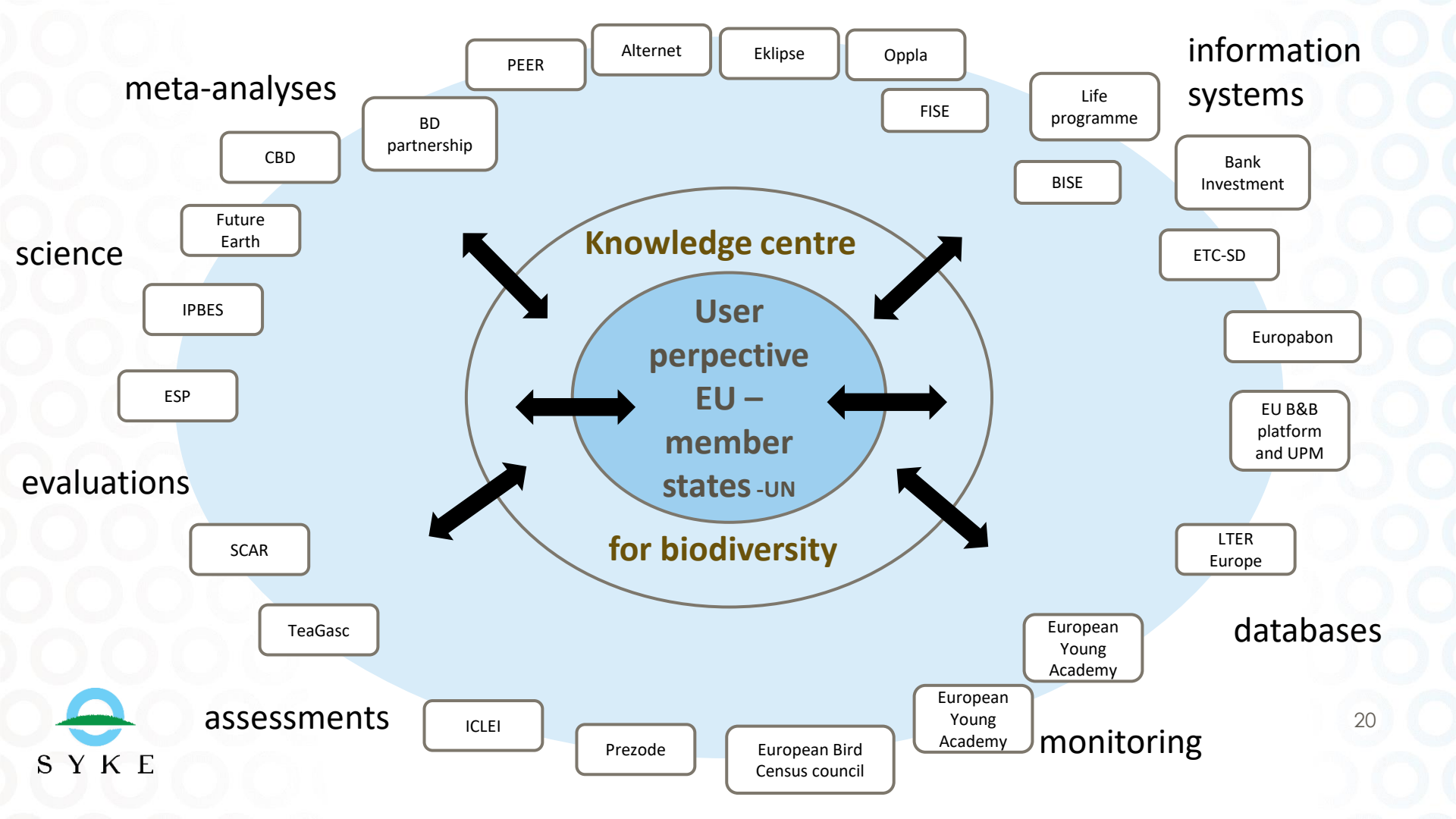


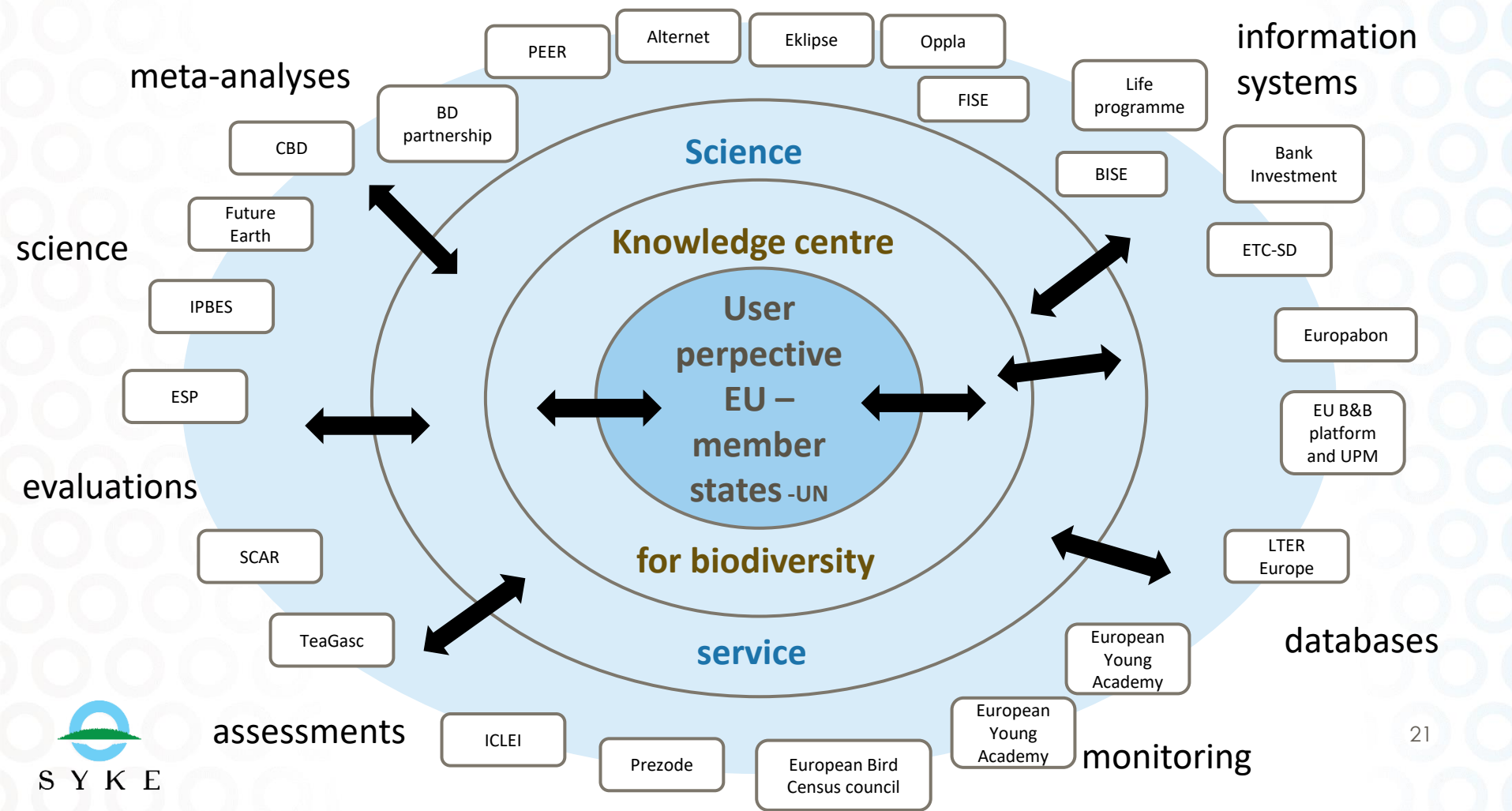
SYKE

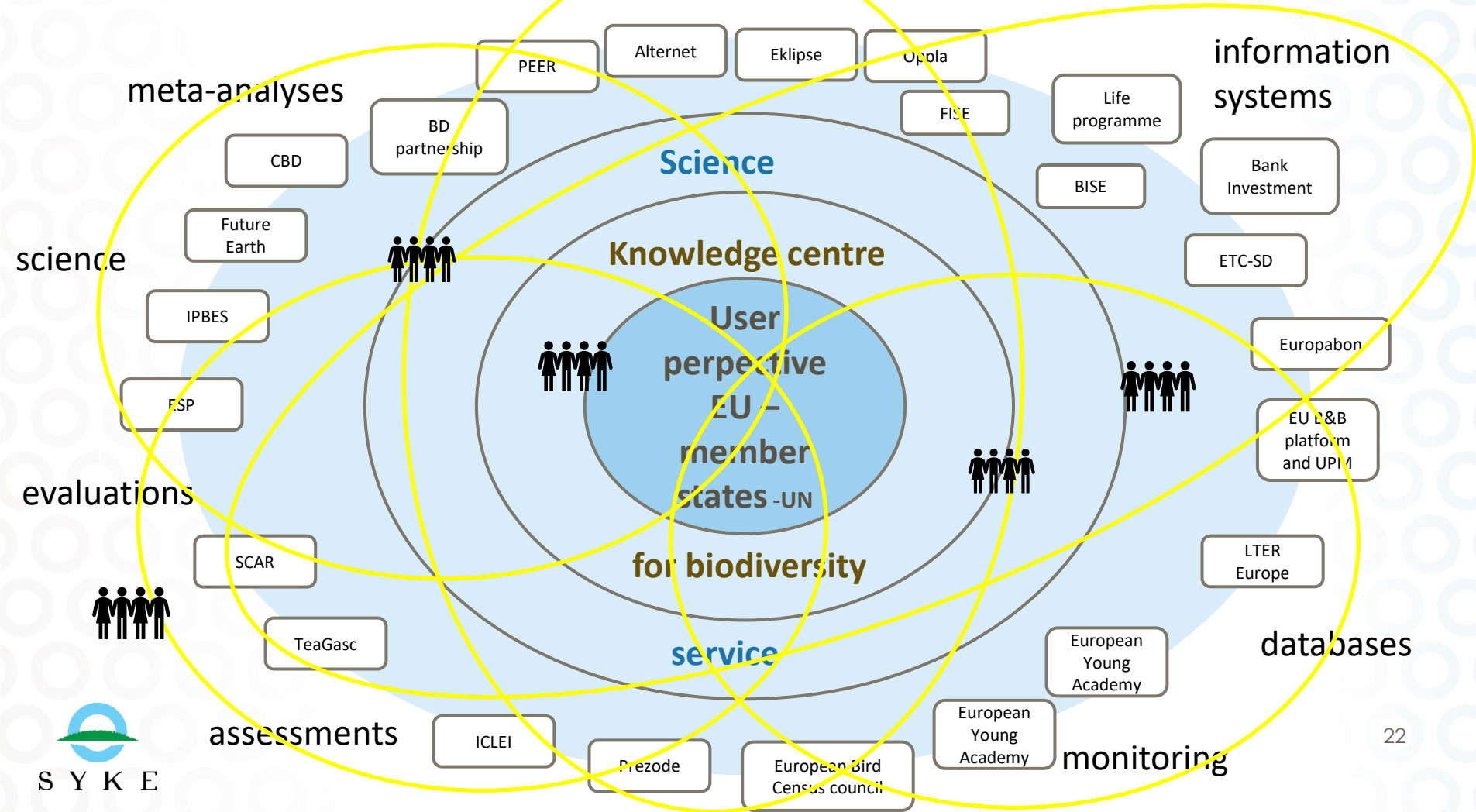
Expectations for science service



- a **single entry point linking** European research and biodiversity policymaking that will be embedded in the EC Knowledge Centre for Biodiversity (KCBD) as 'scientific pillar'
- **feeding input** into the monitoring, reporting and review mechanism of the EU biodiversity strategy for 2030 with relevant research-base assessment ("ratcheting up")
- **full integration into**, and support to the governance framework of the EU biodiversity strategy for 2030 to steer implementation of the commitments on biodiversity agreed at national, European or international level
- **collect and organise knowledge resulting from science** that is relevant for implementing the EU biodiversity strategy and other relevant EU policies





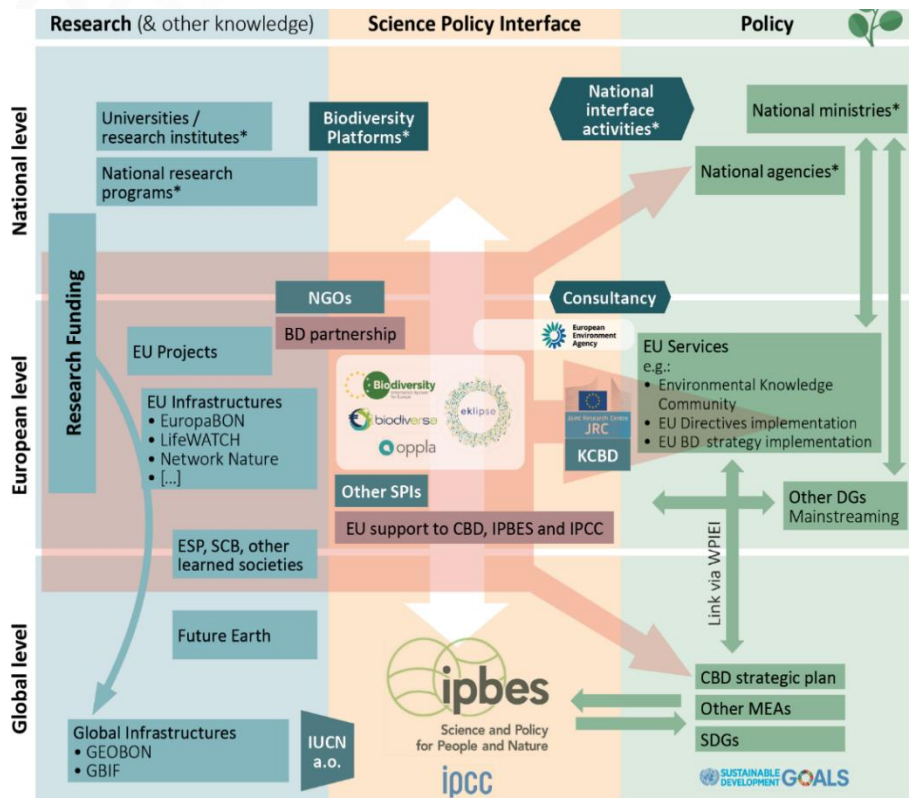


What is the role of BioAgora?



SYKE

Objectives of BioAgora project (CSA)

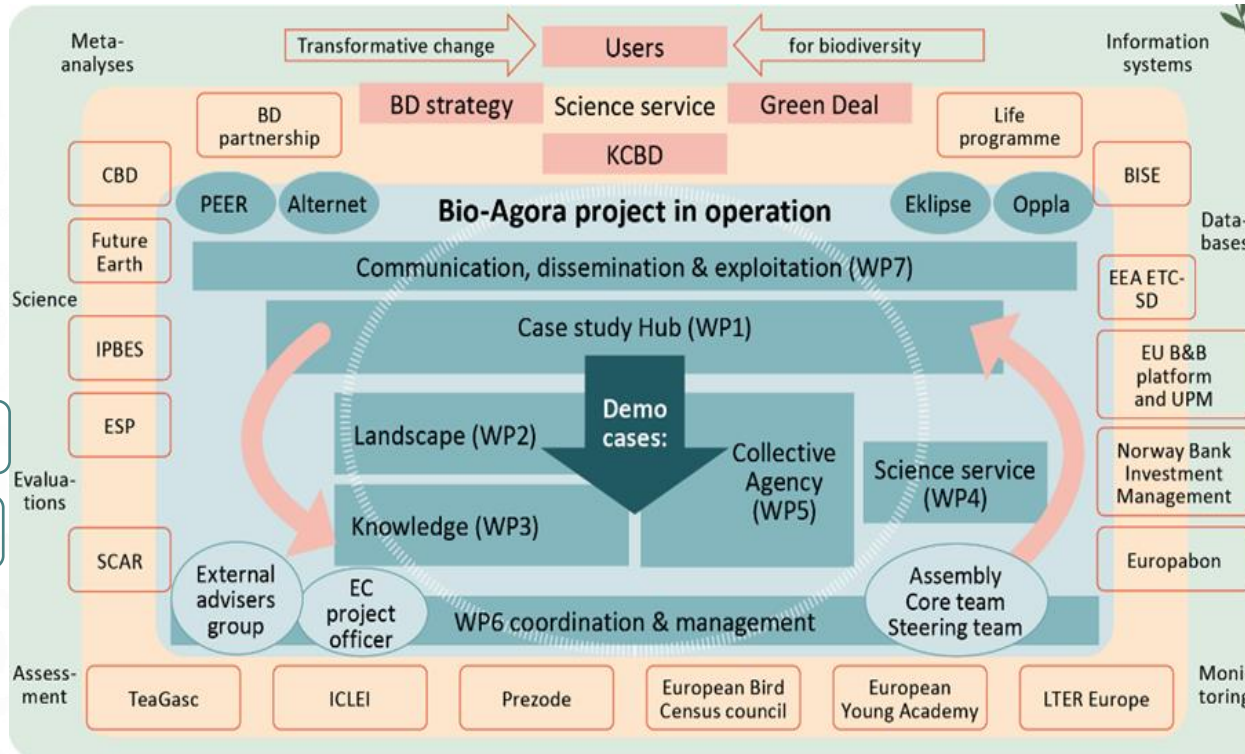


*May vary between MS
 ■ Future actors from Horizon Europe 2021-2022

Source: UFZ Science Policy Expert Group, 2012 & Eklipse, 2021

- Develop a functional Science Service
- Establish an inclusive governance model and feasible business model for the Science Service
- Promote capacity building and co-learning processes
- Develop multiscale demonstration cases across EU Member States that ratchet up the BDS2030
- Encourage just practices that ensure that the Science Service recognizes plural knowledge and relational values of biodiversity

What does Bioagora bring to the Science service?



landscape

knowledge

science
service

collective
agency



SYKE

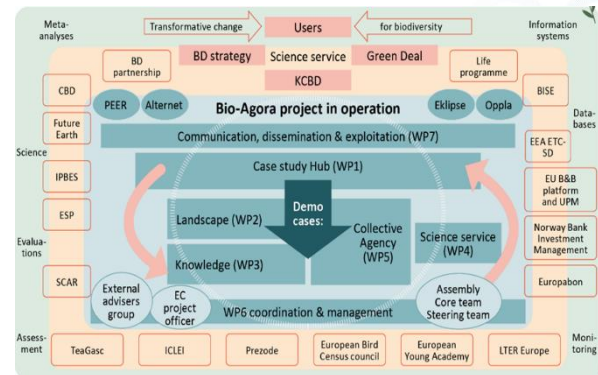
How are is Bioagora developing the Science service?

Landscape of actors - networks - policies

- Assessing the community of key actors for the BDS2030
- Assessing policy tools of networks to support BDS2030 targets
- Assessing the transformative potential of networks
- Assessing the cross-sectoral dialogue and biodiversity policy environment

landscape

knowledge



science
service

collective
agency

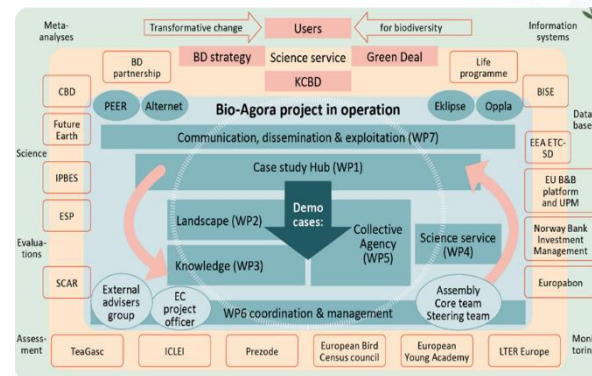
How are is Bioagora developing the Science service?

landscape

knowledge

State of knowledge

- Harvesting knowledge and synthesising outcomes from existing and ongoing projects and initiatives
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- Assessing future knowledge needs and horizon scanning
- Designing tailored EU research and knowledge synthesis programmes



science
service

collective
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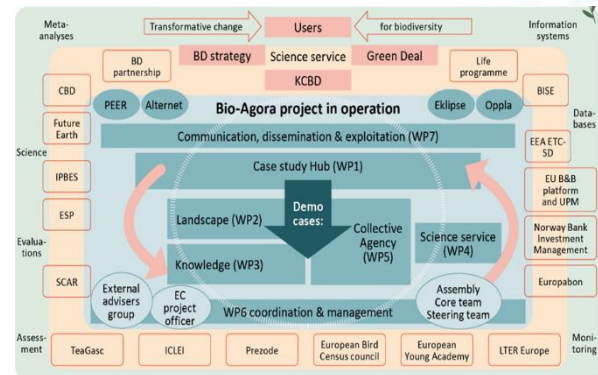
How are is Bioagora developing the Science service?

landscape

knowledge

Inclusive and functional science service

- Identifying key governance elements for the Science Service
- Setting up the functions, governing bodies, decision-making mechanisms and ethical infrastructure
- Setting up the Science Service Business Plan
- Building the Science Service web platform



science
service

collective
agency



SYKE

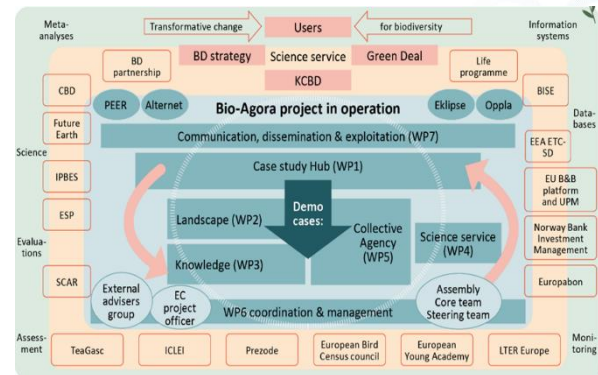
How are is Bioagora developing the Science service?

Empowering collective agency across scales and sectors

- Assessing the capacity needs of different SP(S)I actors
- Broadening the capacities towards transdisciplinary collaboration
- Developing shared values with the public for transformative change
- Reaching policy impact through Citizen Science

landscape

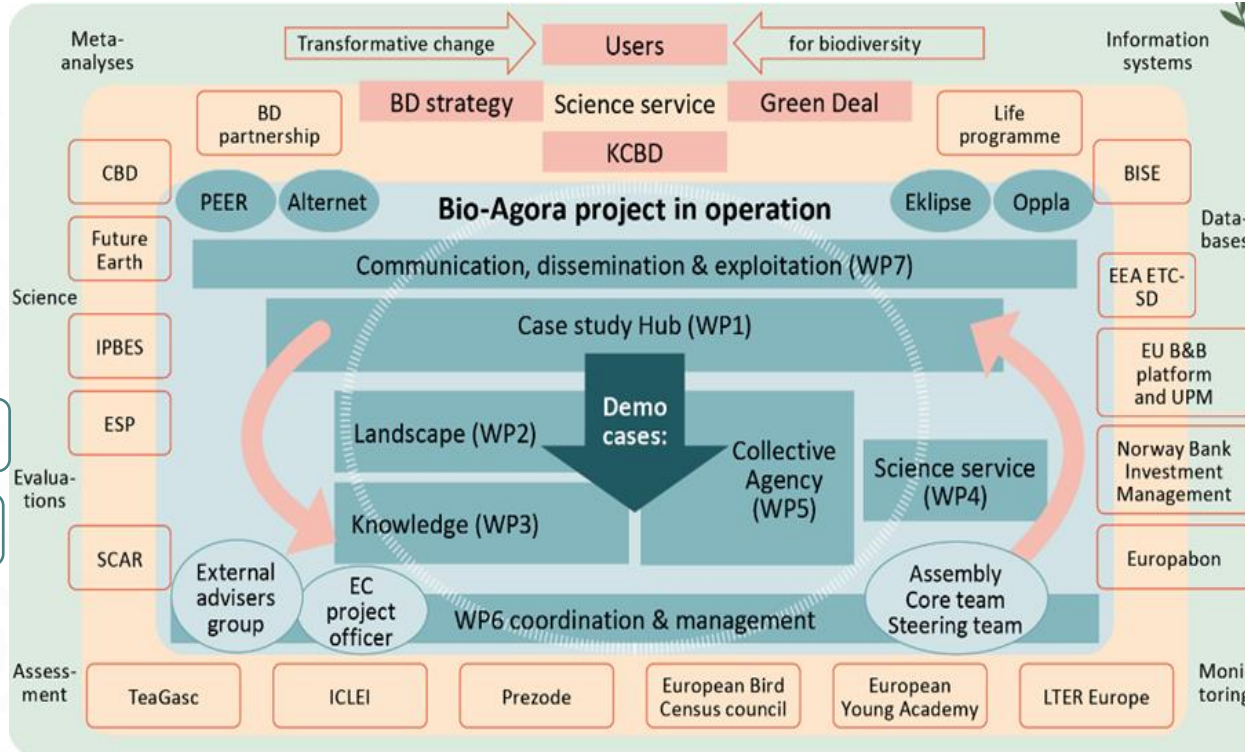
knowledge



science
service

collective
agency

How does Bioagora connect the development to the real world?



landscape

knowledge

science
service

collective
agency



SYKE

How are is Bioagora developing the Science service?

communication, dissemination & exploration

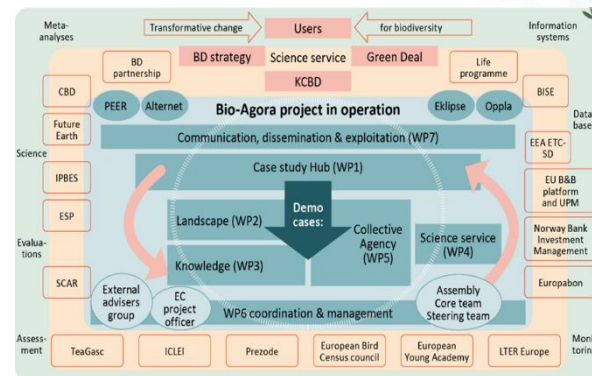
case
study hub

Underpinning the Biodiversity Strategy – Case Study Hub

- Typology of challenges for implementing the BDS2030
- Demonstration Cases relevant to BDS2030
- Selection and development of further DCs
- Forecasting exercise

landscape

knowledge



science
service

collective
agency

How are is Bioagora developing the Science service?

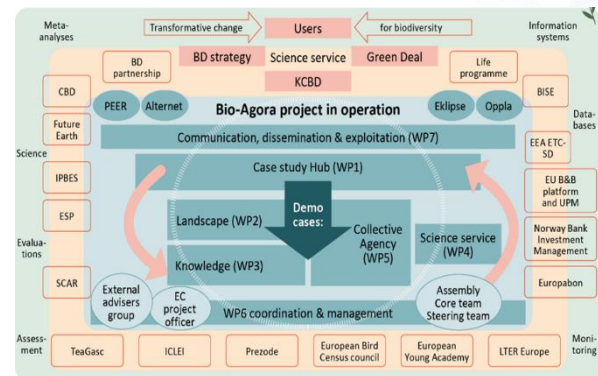
communication, dissemination & exploration

case
study hub

landscape

knowledge

- Plan for Exploitation, Dissemination and Communication of Results of Bio-Agora
- Design a distinctive visual identity, project branding and website
- Promote the Science Service as a single entry-point linking European research and biodiversity policymaking



science
service

collective
agency

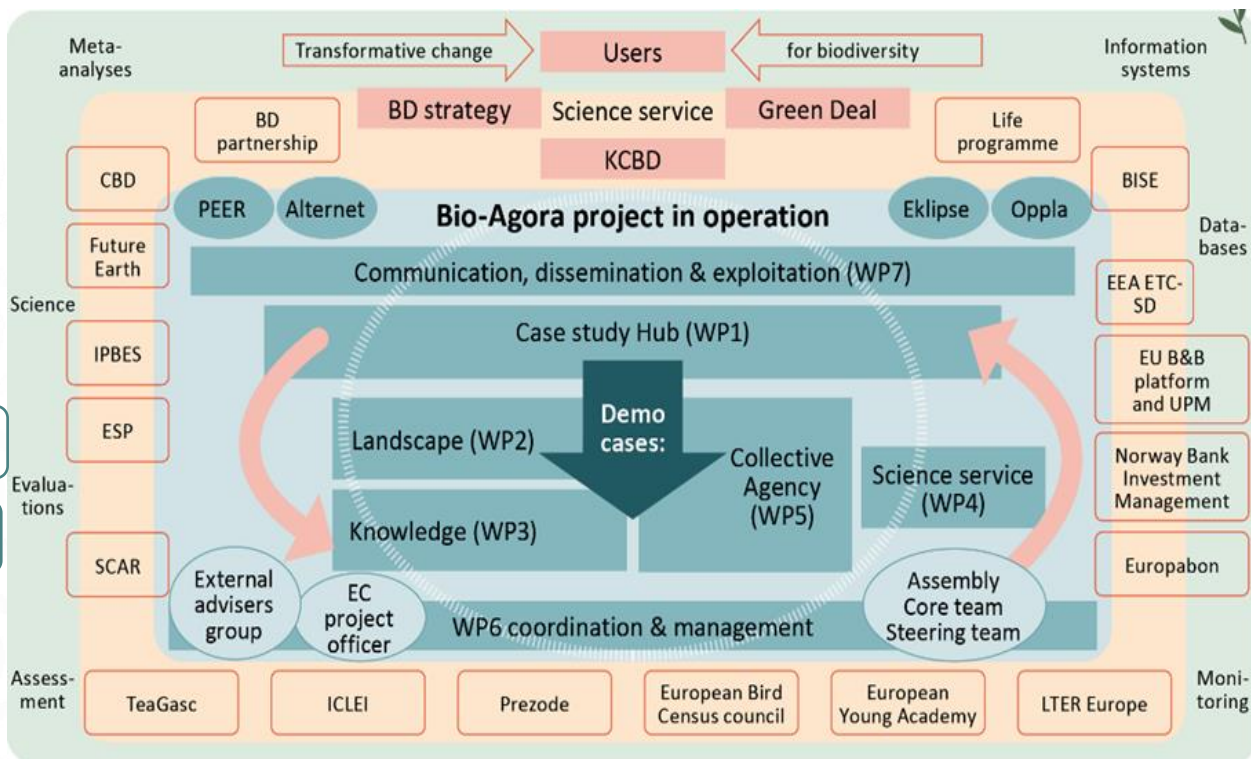
How is Bioagora developing the Science service?

communication, dissemination & exploration

case
study hub

landscape

knowledge



science
service

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agency

coordination & project management

How are is Bioagora developing the Science service?

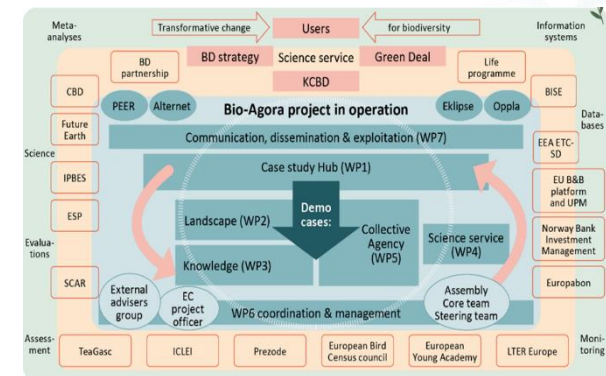
communication, dissemination & exploration

case
study hub

- Internal and external collaboration
- Data management plan for the project
- Data management plan for the project
- Formative evaluation and Impact of the project

landscape

knowledge



science
service

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agency

Joining
JRC/KCBD
in

Collaboration
with DG policy
units

Cascade
funding

coordination & project management

Cascade funding for Third Parties



Why: To find potential demo cases for WP1 and invite Third Parties to contribute to project



Aims: Accelerate best practices identified by BioAgora (WP1-3)



How: Organizing Great open call and continuous call for third parties during the project



Whom: Municipalities, research organizations, SMEs, NGOs

Collaboration and first steps of Bio-Agora

- Project starts at July 2022
- The KCBD will participate at all the relevant meetings of the core- and steering team meetings and relevant WP activities
- Continuous collaboration with other key actors (e.g. EU Biodiversity Platform, Biodiversity Partnership, BISE, IPBES)
 - Typology of challenges for implementing the BDS2030 and starting the first demonstration cases
 - Assessing the community of key actors for the BDS2030
 - Harvesting knowledge and synthesising outcomes from existing and ongoing projects and initiatives
 - Assessing the capacity needs of different SP(S)I actors

What is the role of Alternet?

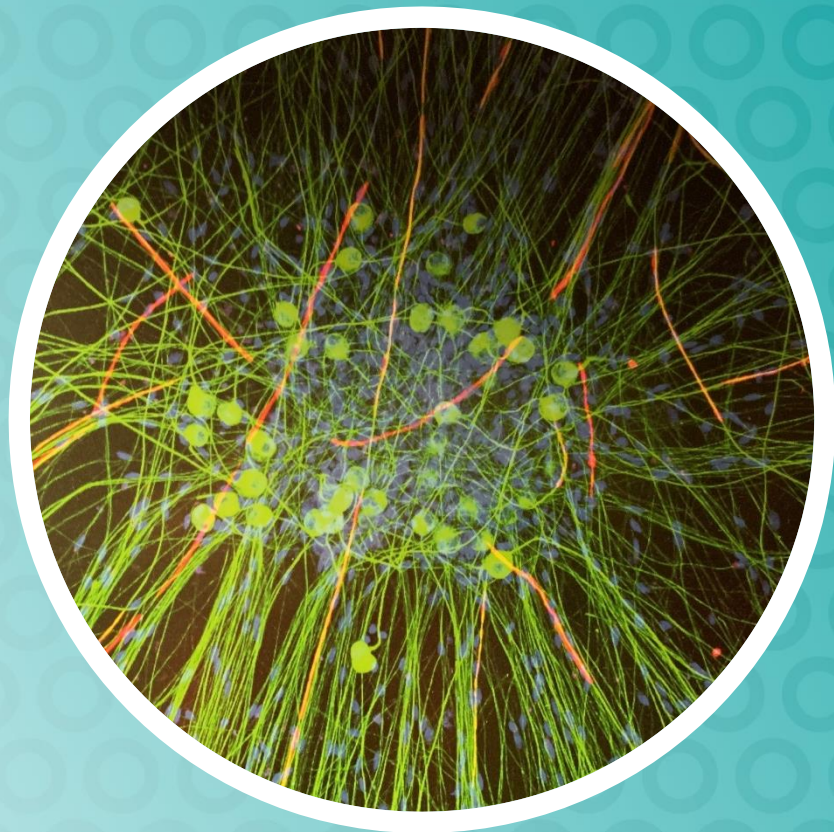
Partners of Bio-Agora

N°	Participant organisation name (acronym)	Country	N°	Participant organisation name (acronym)	Country
A 1	SYKE	FI	12	Oppla	NL
A 2	University of Bucharest	RO A	13	IGB	DE
A 3	University of Trento	IT A	14	CREAF	ES
A 4	INRAE	FR A	15	ESSRG	HU
A 5	EVINBO	BE A	16	<i>UKCEH*</i>	UK
6	<i>Alternet</i>	BE	17	Pensoft	BG
7	<i>UNEP-WCMC*</i>	UK A	18	ERCE PAS	PL
A 8	PBL	NL	19	Euronovia	FR
A 9	NINA	NO A	20	WUR	NL
A 10	UFZ	DE	21	ECSA	FR
A 11	Delbaere Consulting	NL	22	AWI	DE

* British partners are associated partners

Is this for you?

Thank you!



S Y K E

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