

TOWARD NATURE-POSITIVE FINANCE

SCIENTIFIC FOUNDATIONS FOR ACTION

10 June 2026

Banque de France, Paris

Co-organised by

Banque de France | Biodiversa+ | BiodivRestore Knowledge Hub CO-
OP4CBD | French Foundation for Biodiversity Research | RESPIN

#NaturePositiveFinance #EUGreenWeek

Welcome words

Fleur van Ooststroom-Brummel

Directorate-General for Research and Innovation,
DG RTD, European Commission



Welcome words

Rainer Sodtke

Biodiversa+ Co-Chair, DLR



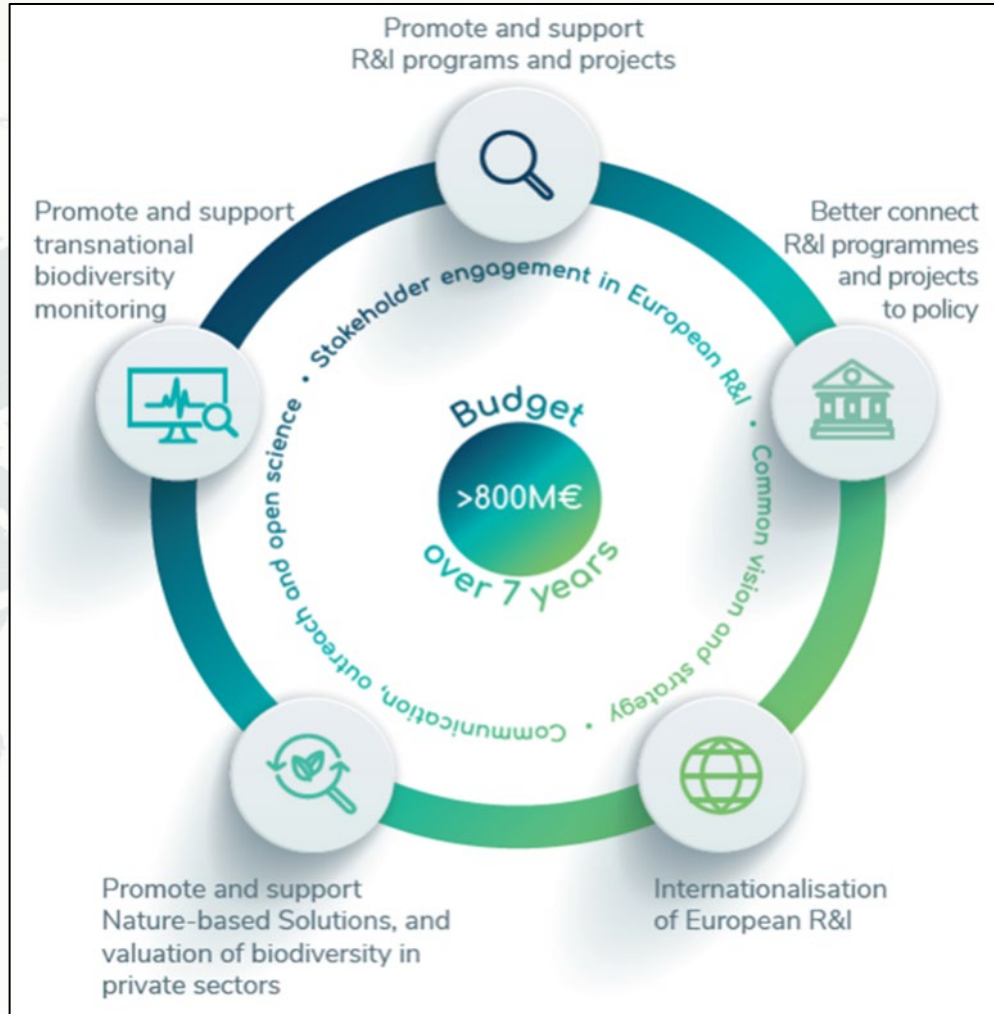
Welcome words

Biodiversa+

The European Biodiversity Partnership

Biodiversa+

- is part of the European Biodiversity Strategy for 2030
- supports excellent research on biodiversity with an impact for policy and society
- convenes 81 partners from 40 countries (research & policy actors)



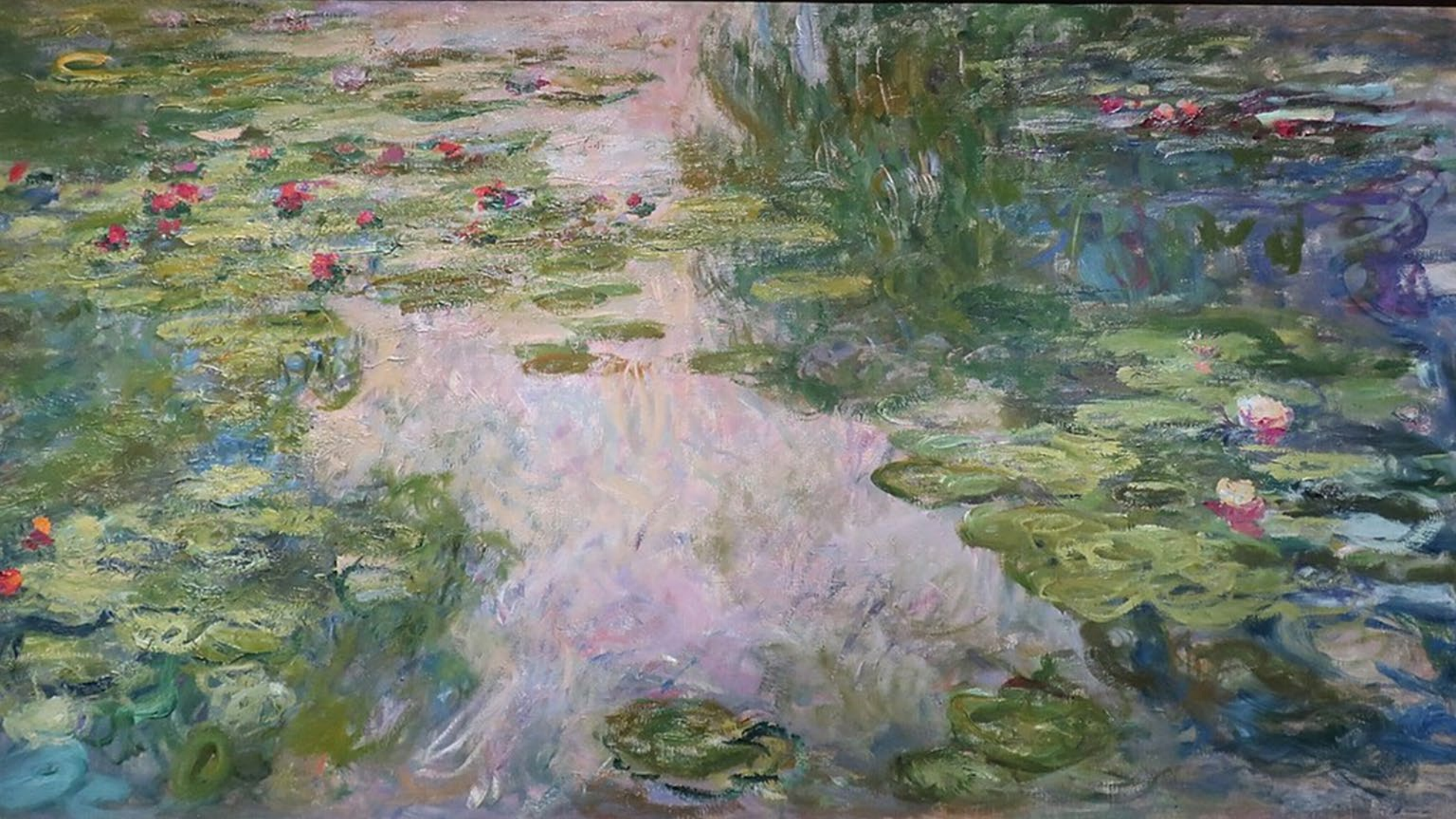
Opening Session

What do economic and financial actors actually need from science to make biodiversity a decision variable?

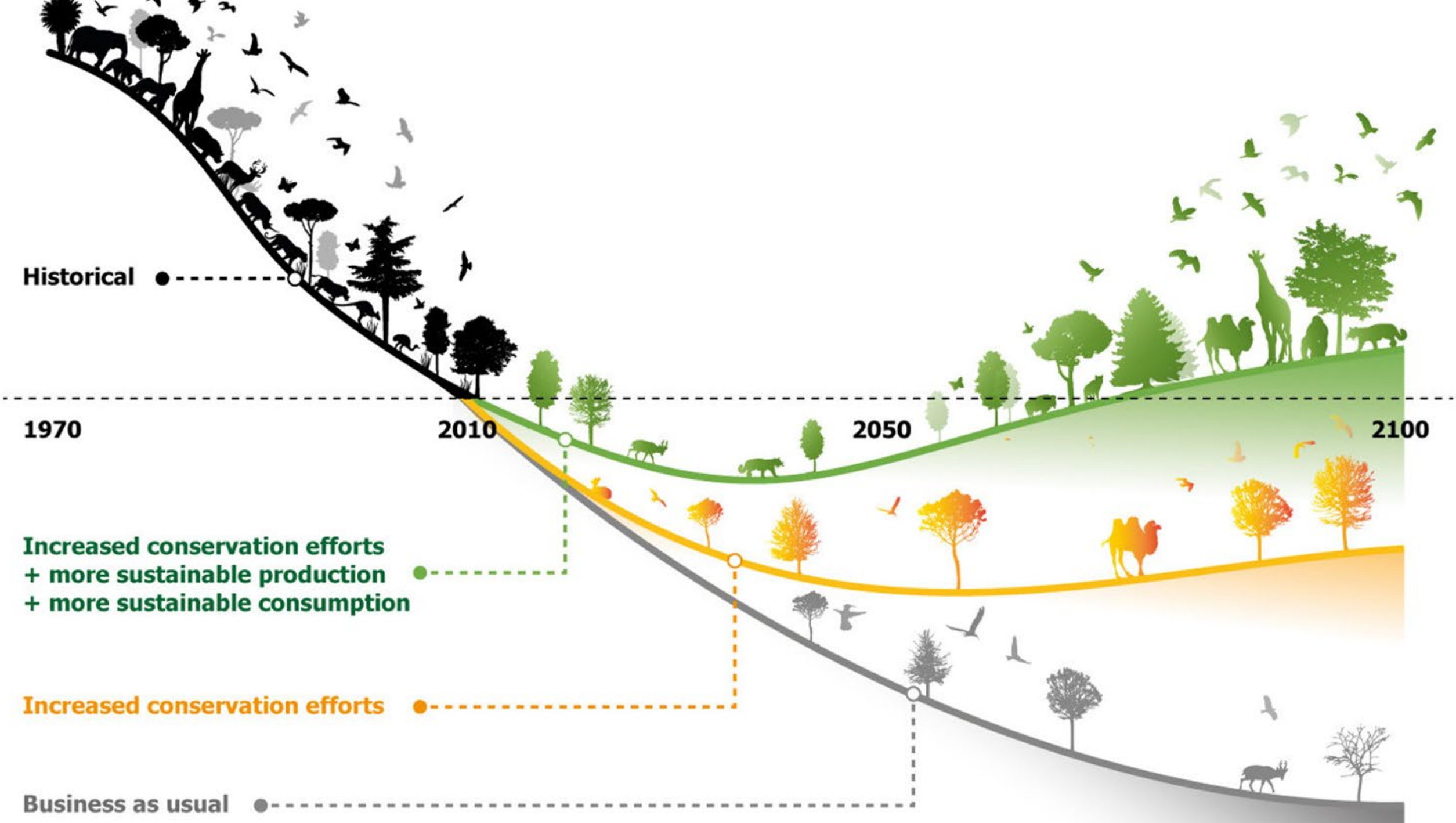
Claude Garcia

Bern University of Applied Sciences









Historical ●

1970

2010

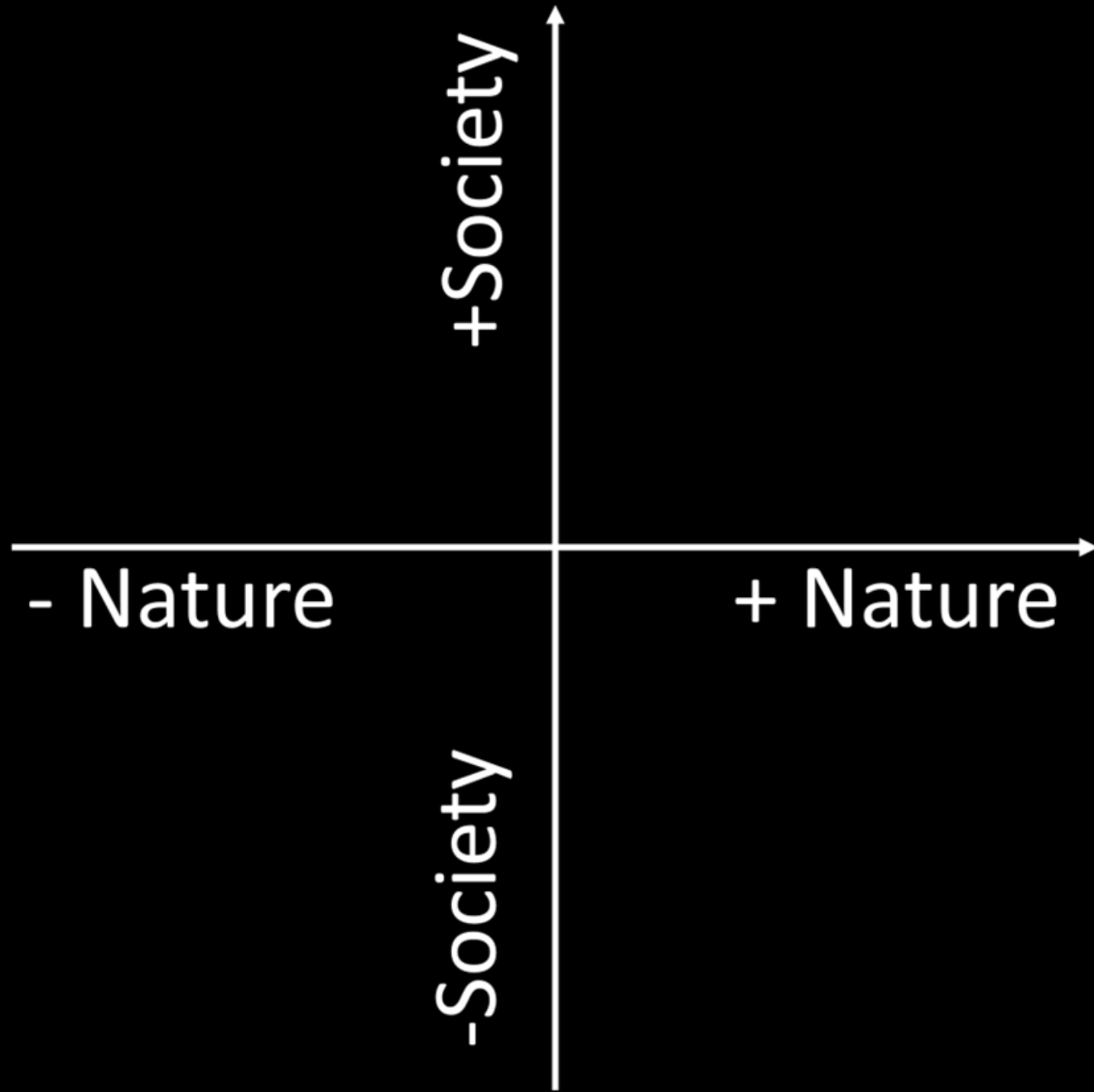
2050

2100

Increased conservation efforts
+ more sustainable production
+ more sustainable consumption ●

Increased conservation efforts ●

Business as usual ●



1

+Society

2

- Nature

+ Nature

4

-Society

3



THIS REPORT
HAS BEEN
PRODUCED IN
COLLABORATION
WITH:

ZSL
FOR LIFE
EVERYWHERE



LIVING PLANET REPORT 2022

BUILDING A NATURE-POSITIVE SOCIETY

Changes in biodiversity vary in different parts of the world

The global Living Planet Index does not give us the entire picture – there are differences in abundance trends between regions, with the largest declines in tropical areas.

The Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) divides the world into different geographic regions³⁶⁻⁴¹. This breakdown is designed to

support the monitoring of progress towards the targets developed under the Convention on Biological Diversity.

Valentina Marconi, Louise McRae and Robin Freeman (Zoological Society of London)

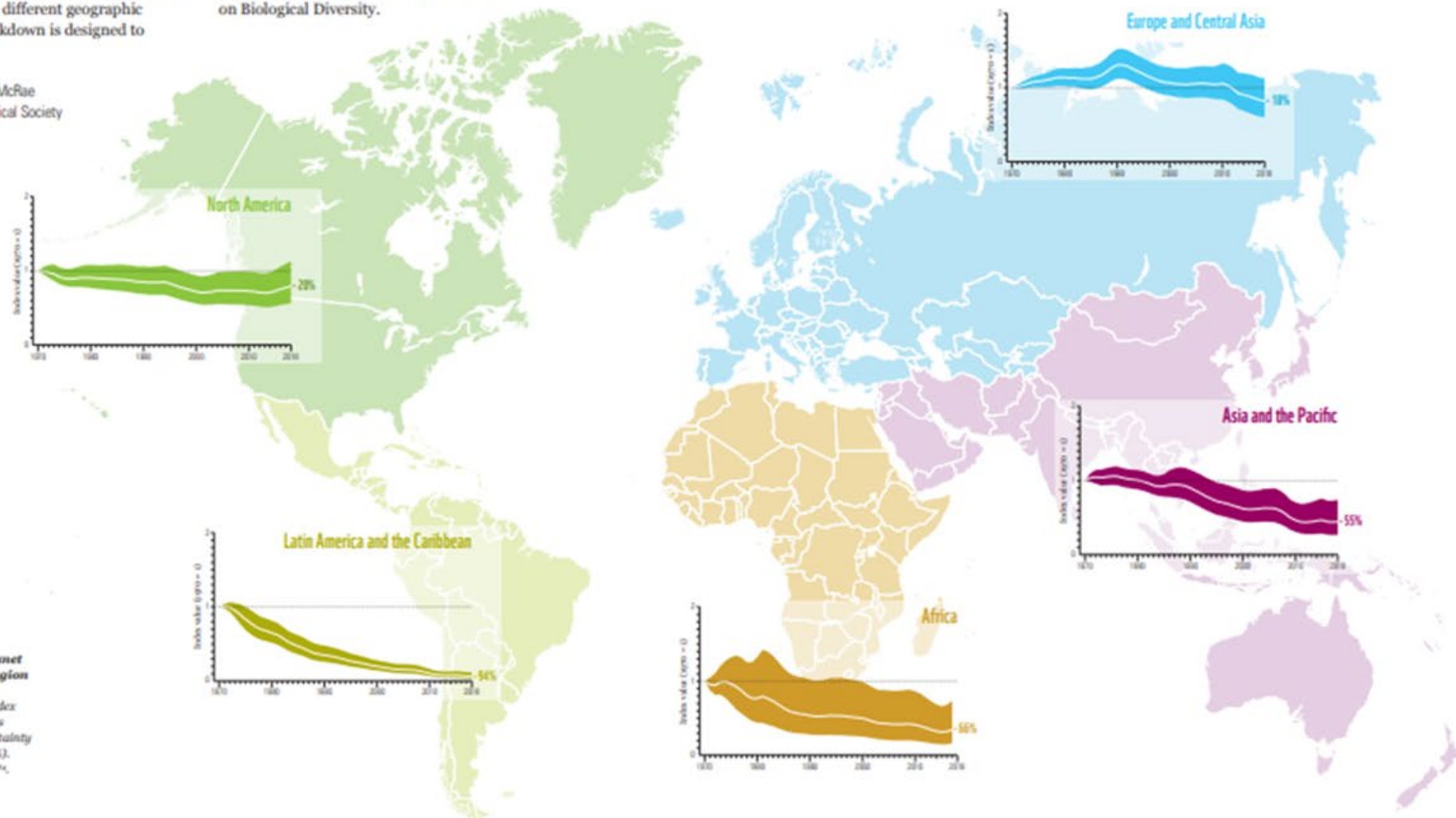
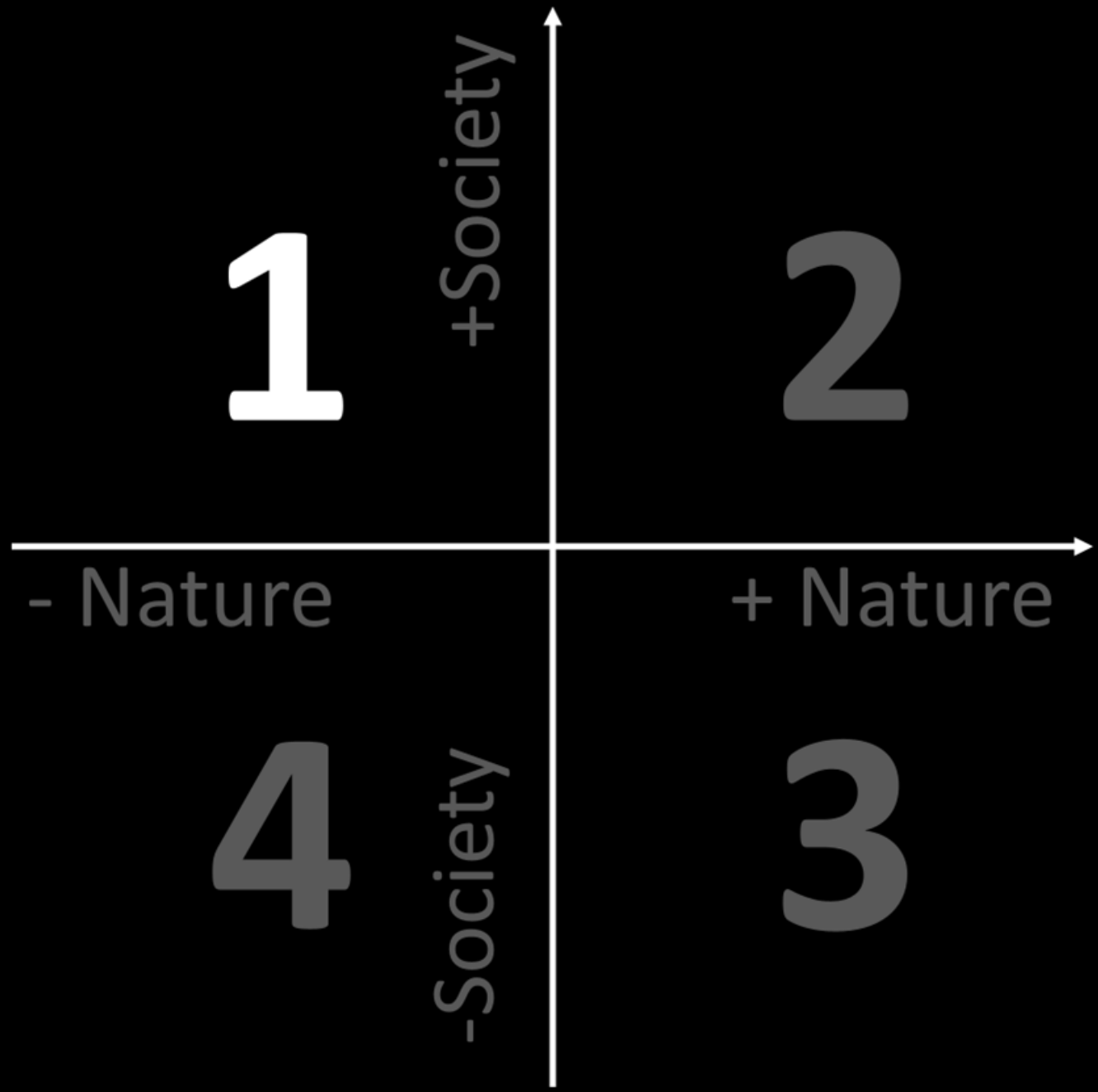


Figure 4: The Living Planet Index for each IPBES region (1970 to 2018)

The white line shows the index values and the shaded areas represent the statistical certainty surrounding the trend (95%). Source: WWF/ZSL (2022)⁴².

The LPI trends presented here follow the IPBES regional classifications, with all terrestrial and freshwater populations within a country assigned to an IPBES region. The Americas are further subdivided into North America, and Latin America and the Caribbean (Mesoamerica, the Caribbean and South America combined).

Trends for each species group are weighted according to how many species are found in each IPBES region. More details about these regional trends and the other cuts of the Living Planet Index can be found in the 2022 Living Planet Report: Deep dive into the Living Planet Index.



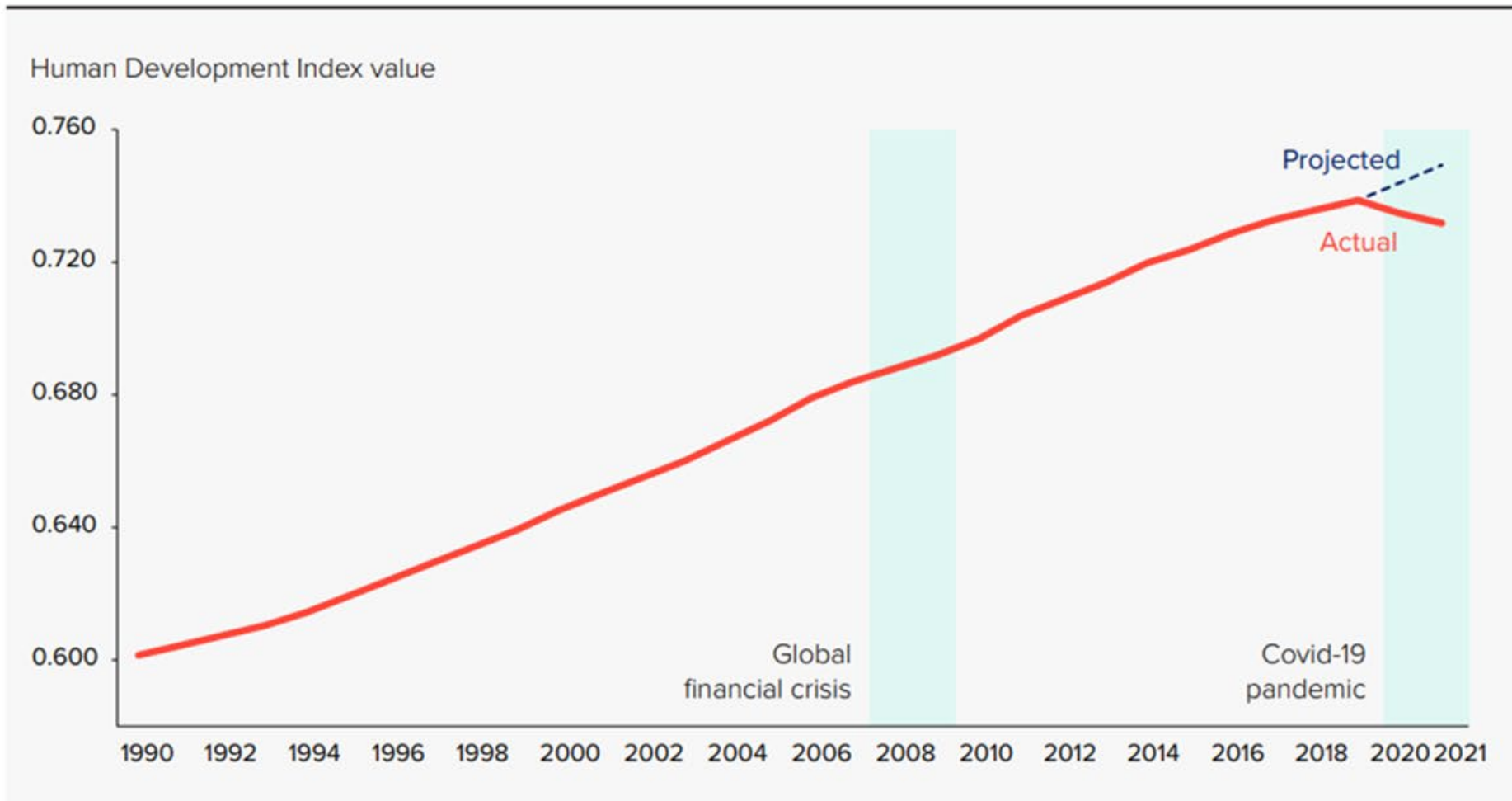
HUMAN DEVELOPMENT

REPORT 2021/2022



Uncertain Times,
Unsettled Lives:
Shaping our Future
in a
Transforming World

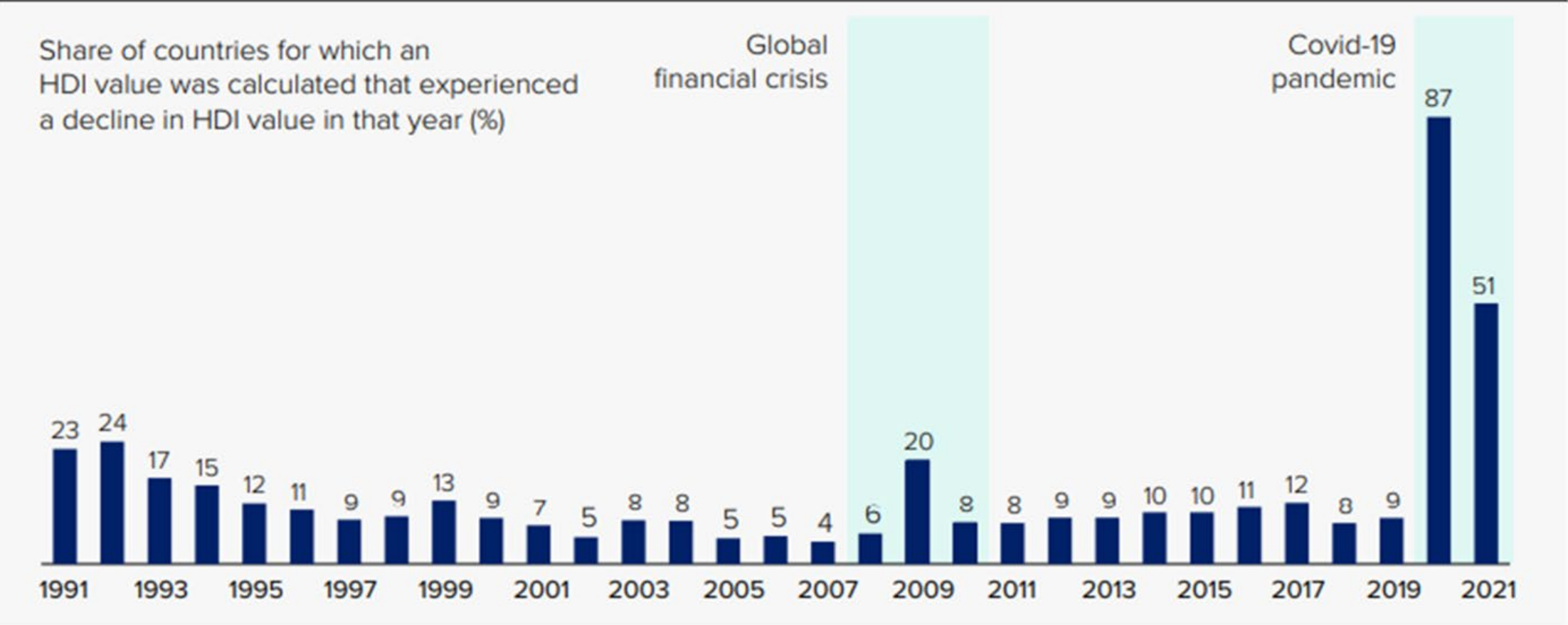
Figure 2 The global Human Development Index value has declined two years in a row, erasing the gains of the preceding five years



Note: The period of the global financial crisis is indicative.

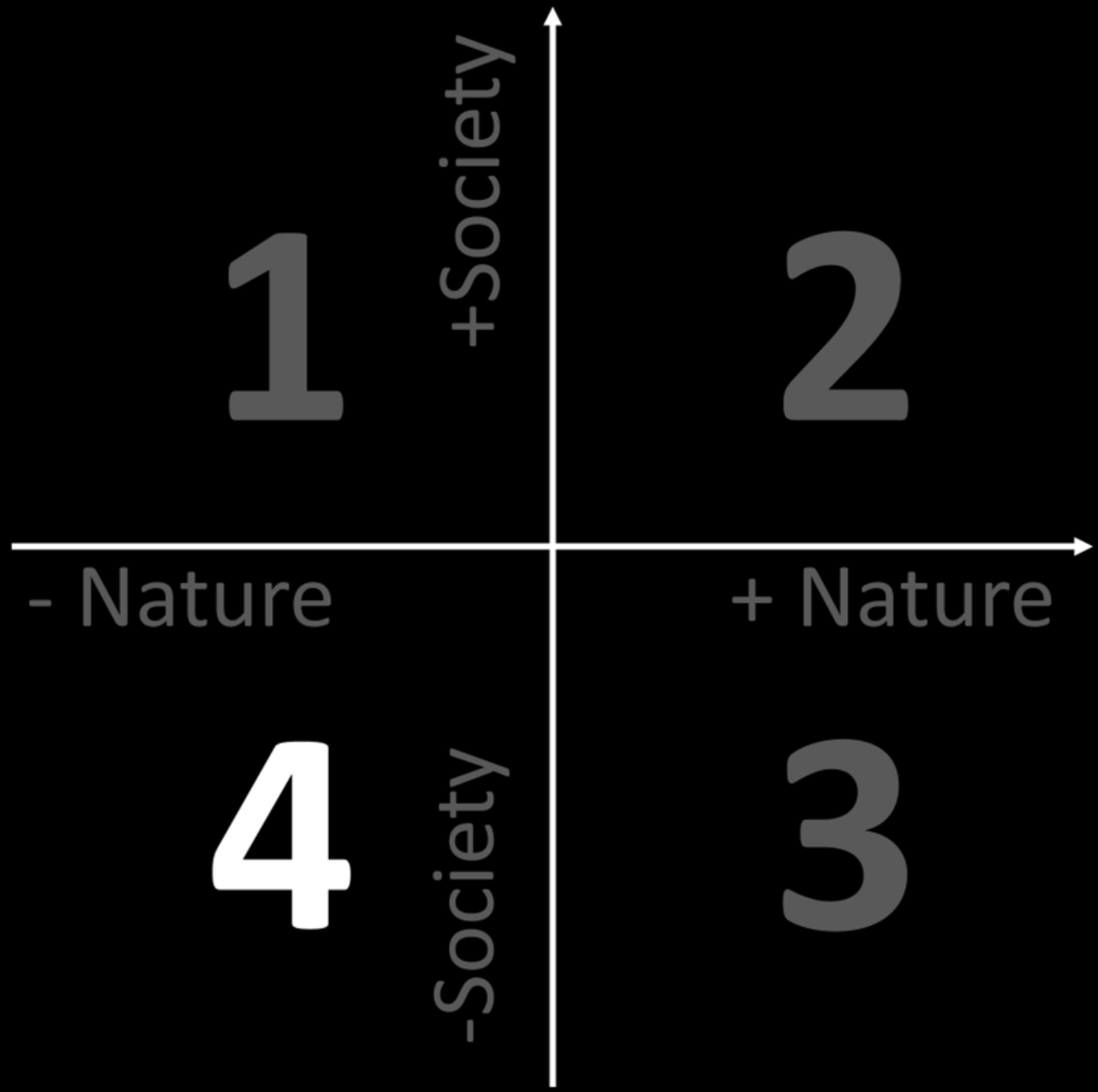
Source: Human Development Report Office calculations based on data from Barro and Lee (2018), IMF (2021c, 2022), UNDESA (2022a, 2022b), UNESCO Institute for Statistics (2022), UNSD (2022) and World Bank (2022c).

Figure 7 Recent declines on the Human Development Index (HDI) are widespread, with over 90 percent of countries enduring a decline in 2020 or 2021



Note: The period of the global financial crisis is indicative.

Source: Human Development Report Office calculations based on data from Barro and Lee (2018), IMF (2021c, 2022), UNDESA (2022a, 2022b), UNESCO Institute for Statistics (2022), UNSD (2022) and World Bank (2022c).



1

+Society

2

- Nature

+ Nature

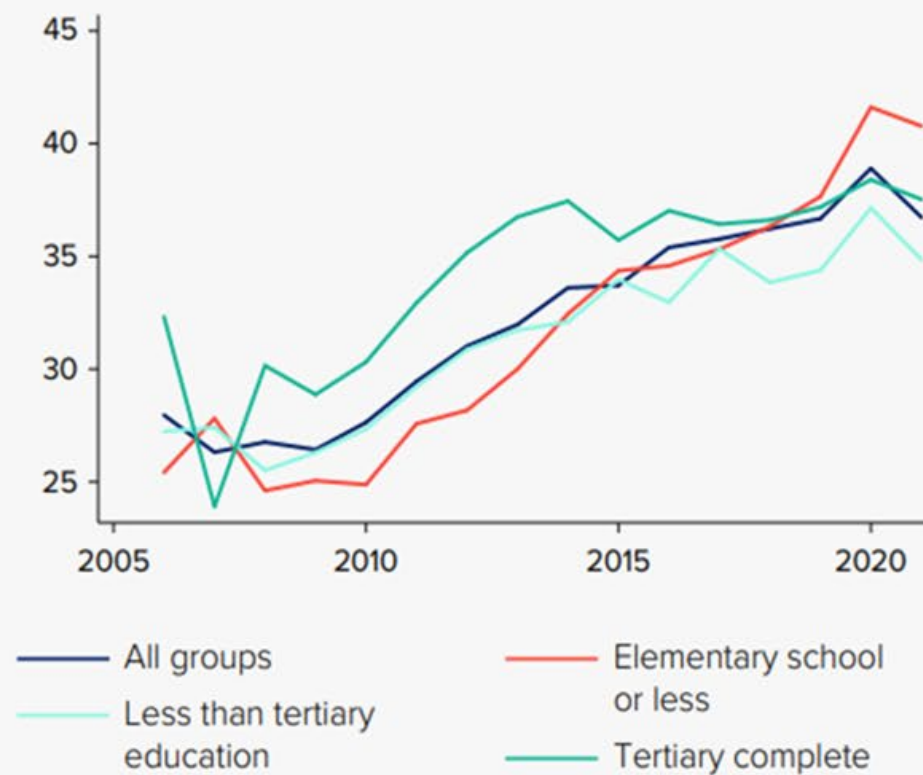
4

-Society

3

Figure 1.7 Stress is high and rising, independent of education

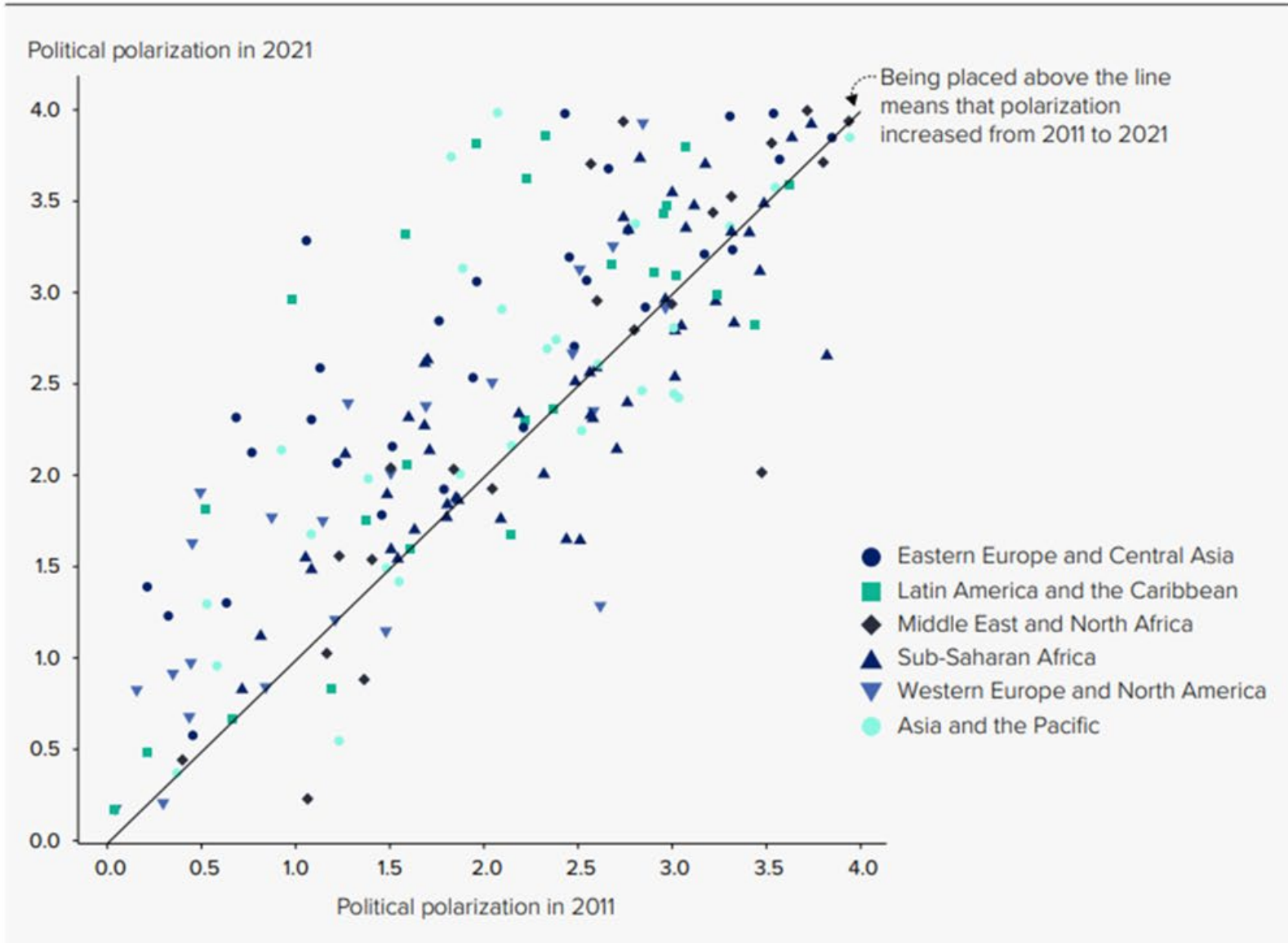
Adult population experiencing stress in the last day, by education level (%)



Note: Median values are shown due to inconsistencies in the number of observations across countries and years.

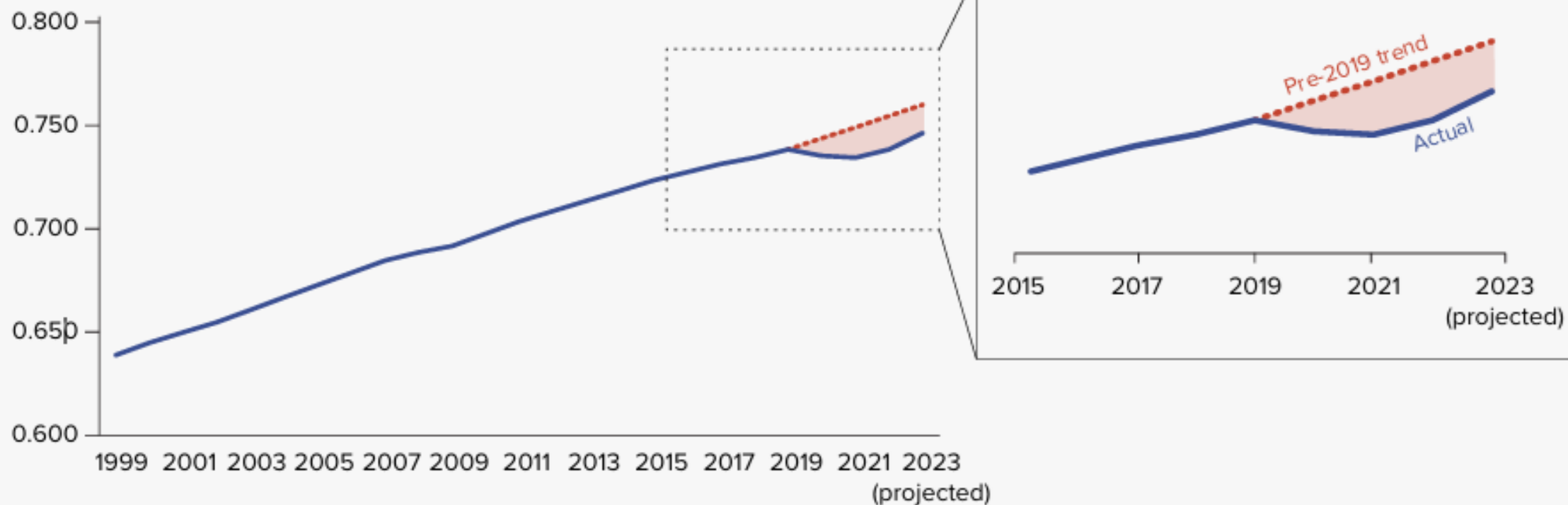
Source: Human Development Report Office based on The Gallup Organization (2022).

Figure 4 Political polarization is on the rise across the world



Source: Adapted from Boese and others (2022).

Global HDI value



Note: The global HDI value for 2023 is a projection. The pre-2019 trend is based on the evolution of the global HDI value in the previous 20 years.

Source: Human Development Report Office calculations based on data from Barro and Lee (2018), IMF (2023), UNDESA (2022, 2023), UNESCO Institute for Statistics (2023), United Nations Statistics Division (2023) and World Bank (2023).

*“...why are we
so **stuck?**”*



International treaties have mostly failed to produce their intended effects

Steven J. Hoffman^{a,b,c,d,1}, Prativa Baral^{a,e}, Susan Rogers Van Katwyk^a, Lathika Gigi Lin^a, Sophie Campbell^a, Brooke Campus^a, Maria Dantas^a, Neda Foroughi Roojin Habibi^{a,b}, Mina Karabit^a, Aneesh Karir^a, Krista Kruja^a, John N. Lavis John-Arne Røttingen^g, Nicola Sahar^a, Archita Srivastava^a, Ali Tejpar^a, Max Mathieu J. P. Poirier^a

Edited by Douglas Massey, Princeton University, Princeton, NJ; received December 2

Business-as-usual trends will miss targets

Climate & Energy | Deforestation | Climate Change | Public Policy

EU proposes to delay landmark anti-deforestation law by 12 months

By Bart H. Meijer and Maytaal Angel



Brazil soy industry's export moratorium on using AI could spur deforestation

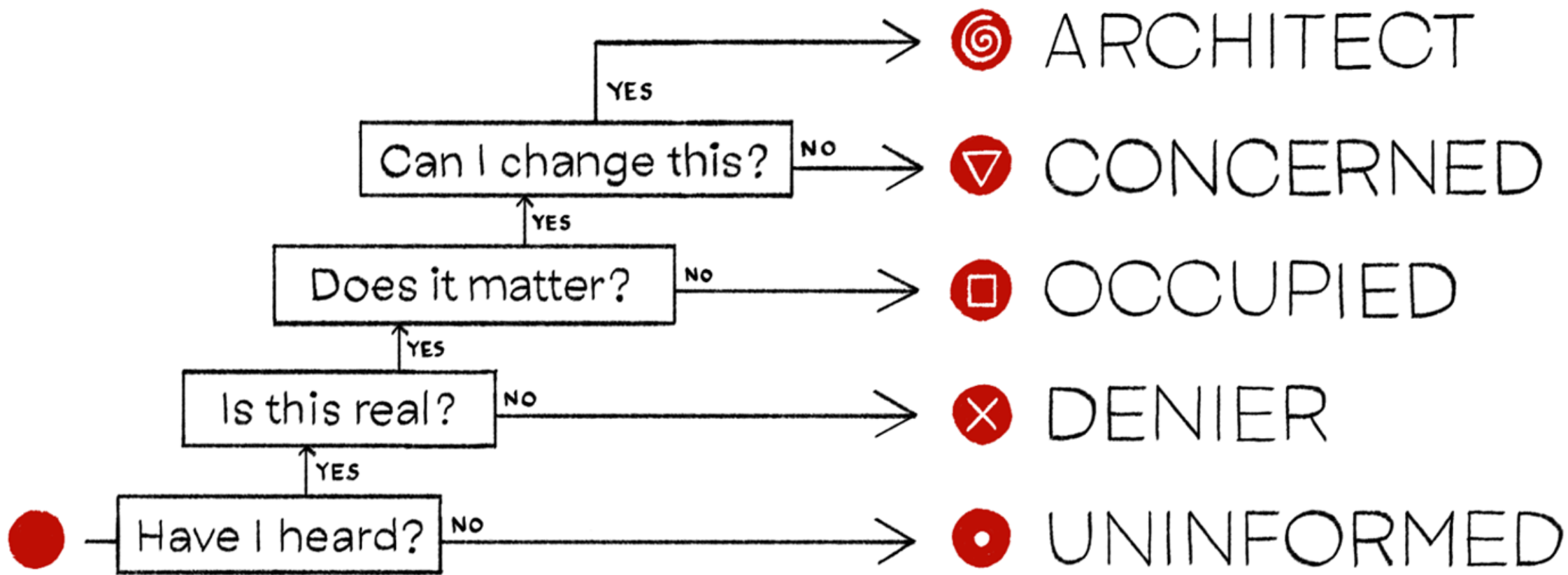
Environment

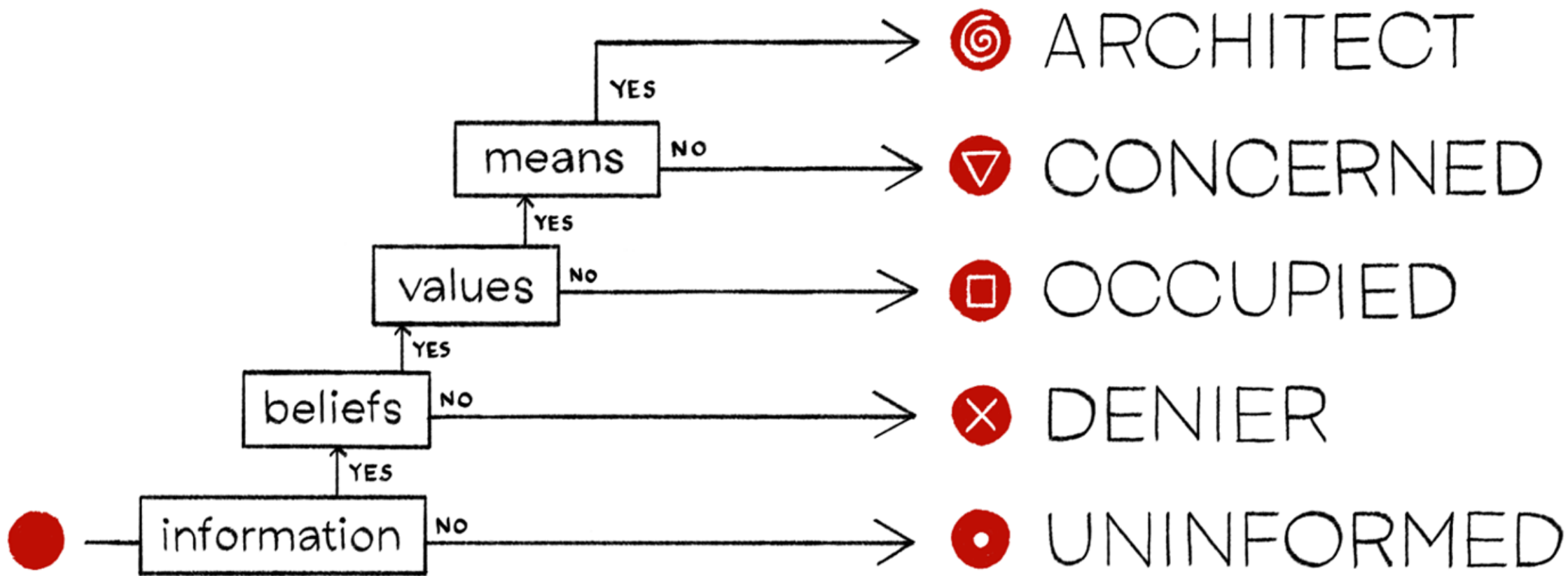
Most climate policies do little to prevent climate change

An analysis of 1500 climate policies in 41 countries has found that a slim minority have led to a significant reduction in carbon emissions, with most policies being too specifically targeted to make a substantial difference

By Chris Stokel-Walker

22 August 2024







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vous participez

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IPBES Assessments: What matters to decision-makers?



Matt Jones

UNEP-WCMC,
IPBES Business and Biodiversity Assessment Co-
Chair



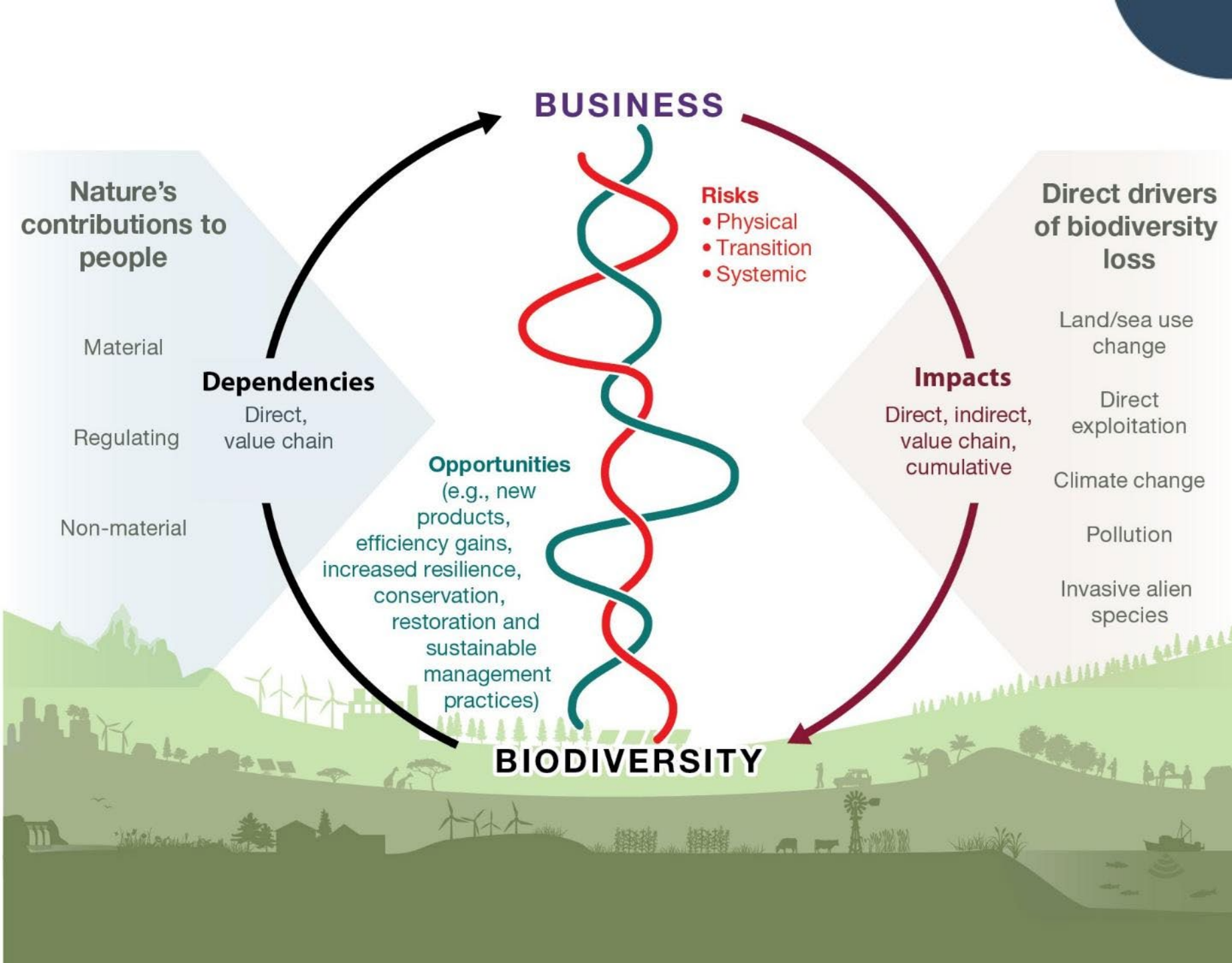
Diana Mangalagiu

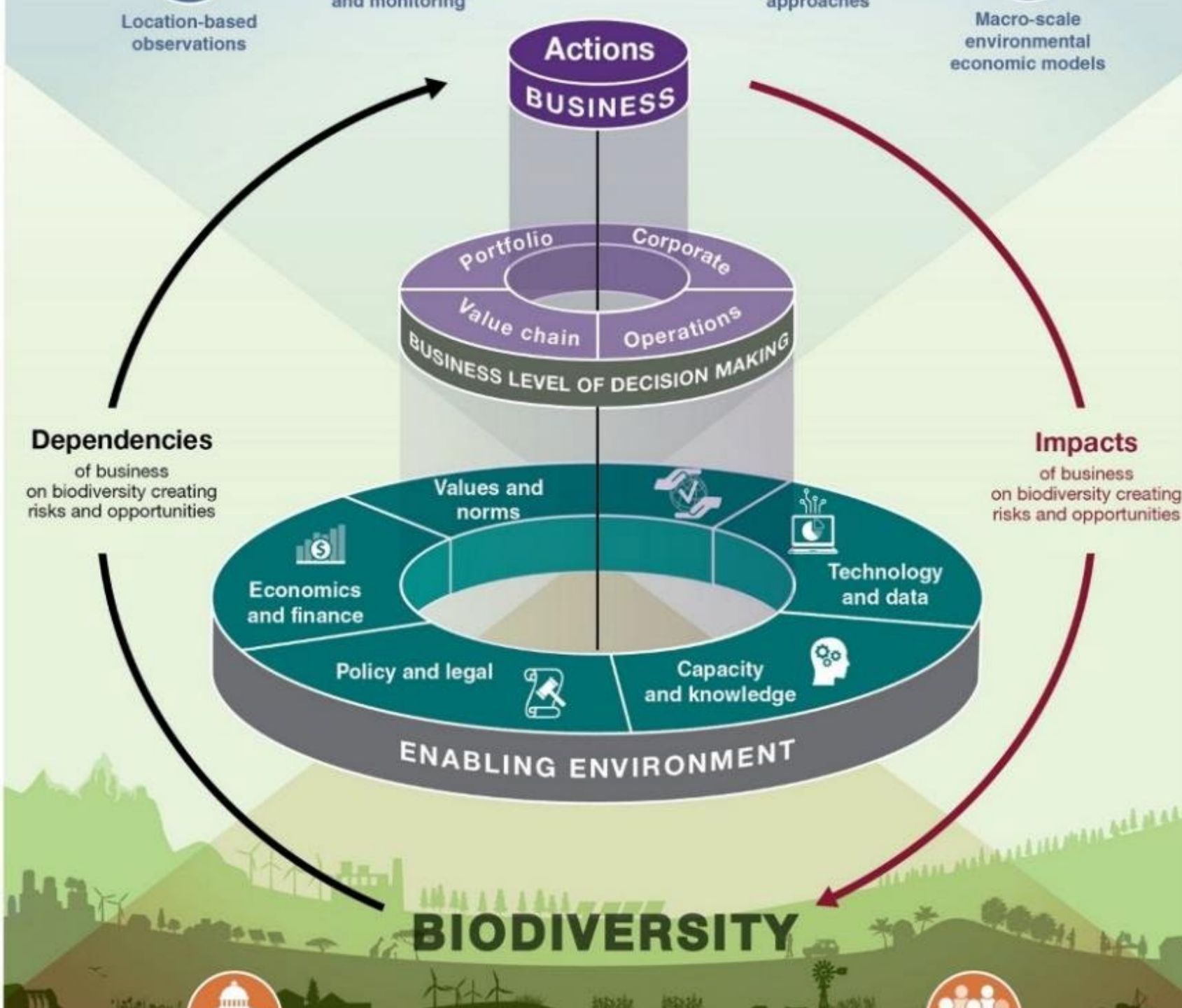
Neoma Business School,
University of Oxford,
IPBES Nexus Assessment Coordinating Lead Author



Sebastian Villasante

University of Santiago de Compostela,
Coordinating Lead Author for the IPBES
Transformative Change Assessment





METHODS TO INFORM



Location-based observations



Participatory mapping and monitoring



Spatial analysis



Life cycle approaches



Macro-scale environmental economic models

Actions
BUSINESS

Portfolio Corporate
Value chain Operations
BUSINESS LEVEL OF DECISION MAKING

Values and norms
Economics and finance
Technology and data
Policy and legal
Capacity and knowledge

ENABLING ENVIRONMENT

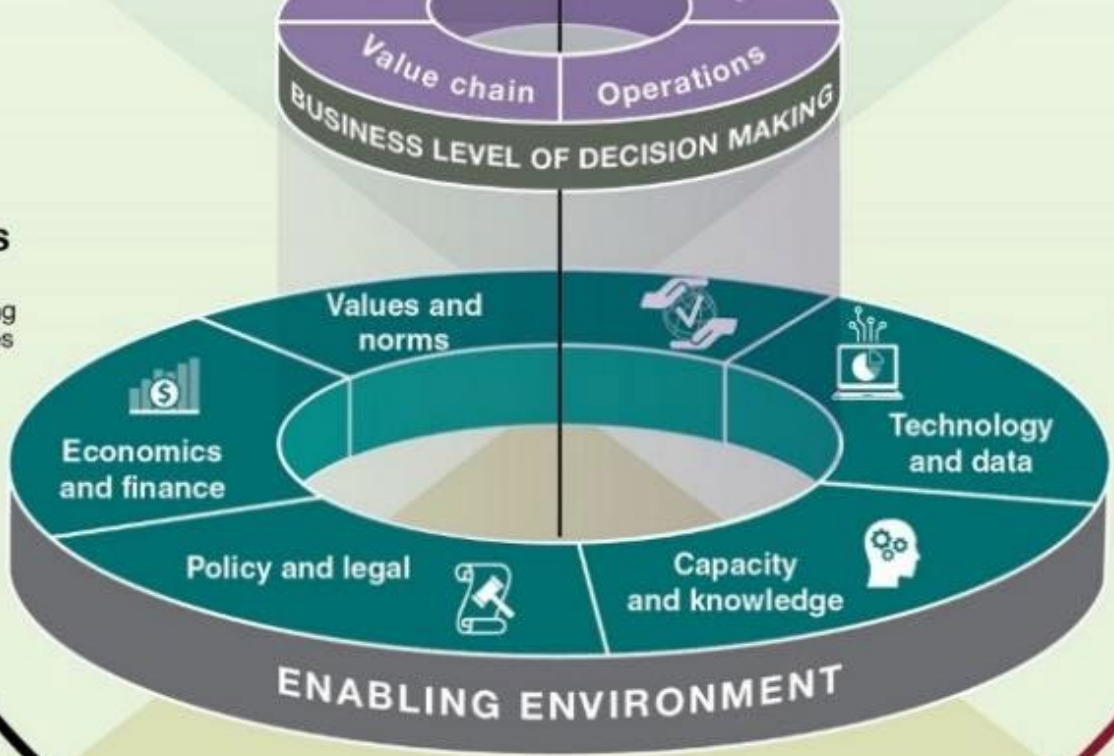
Dependencies
of business
on biodiversity creating
risks and opportunities

Impacts
of business
on biodiversity creating
risks and opportunities



Dependencies
of business
on biodiversity creating
risks and opportunities

Impacts
of business
on biodiversity creating
risks and opportunities



BIODIVERSITY



Government



Financial actors



Business and
financial institutions



Other actors: including
Indigenous Peoples and
local communities and
civil society

A C T O R S



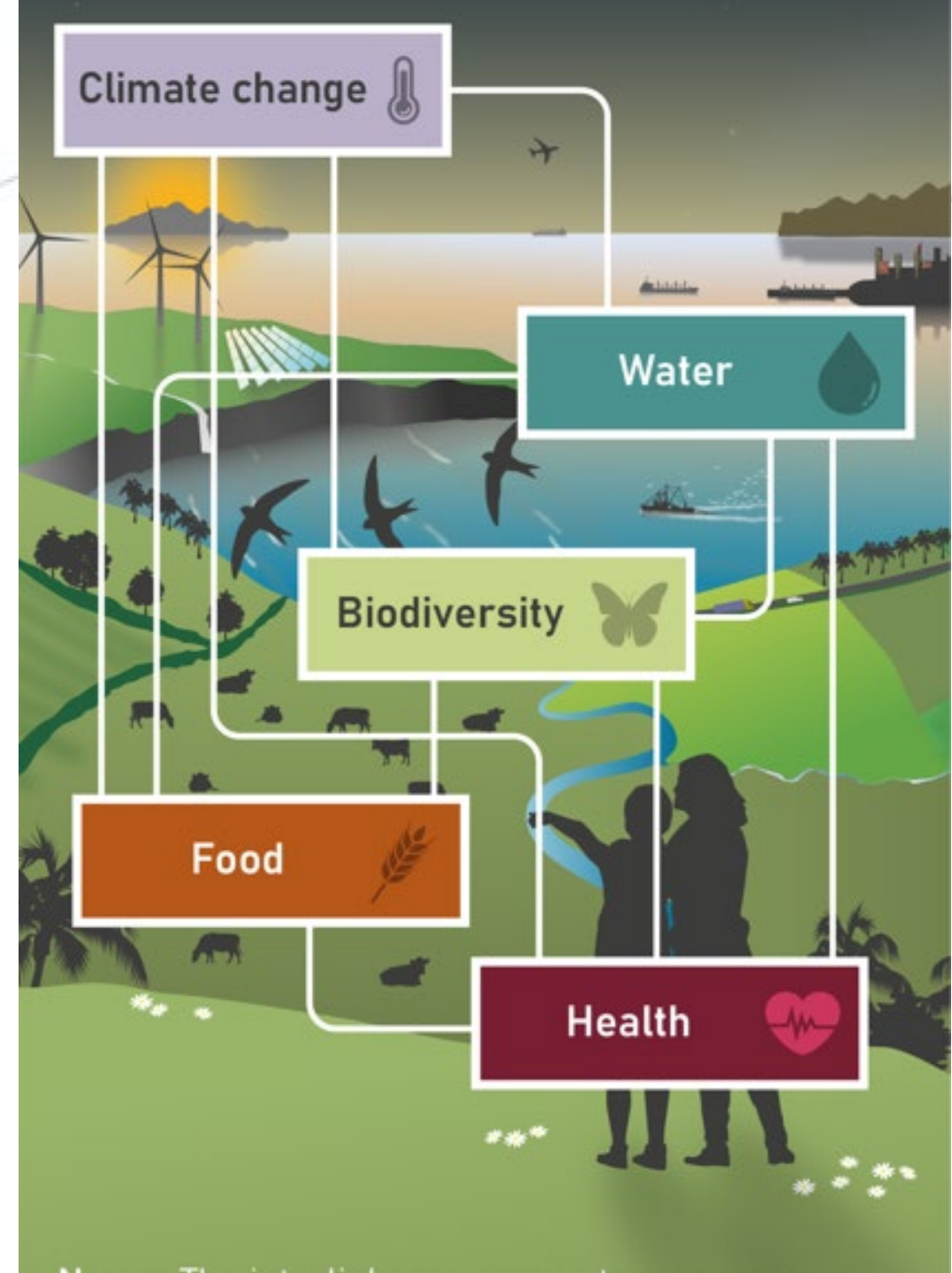
ipbes



IPBES Nexus Assessment

Biodiversity, climate, water, food and health crises *interact, cascade and compound* each other.

- Global crises are interlinked and exacerbate each other in ways that make **separate efforts** to address them **ineffective** and **counterproductive**.
- Current efforts have failed to address these crises because they are **siloed**, **don't account for underlying causes** and **work in isolation**.



Responses already exist that address nexus interlinkages

“Portfolio analysis” of policy & investment options:

- Some responses create **systemic co-benefits**
- Others are risk-shifting or generate **hidden liabilities**

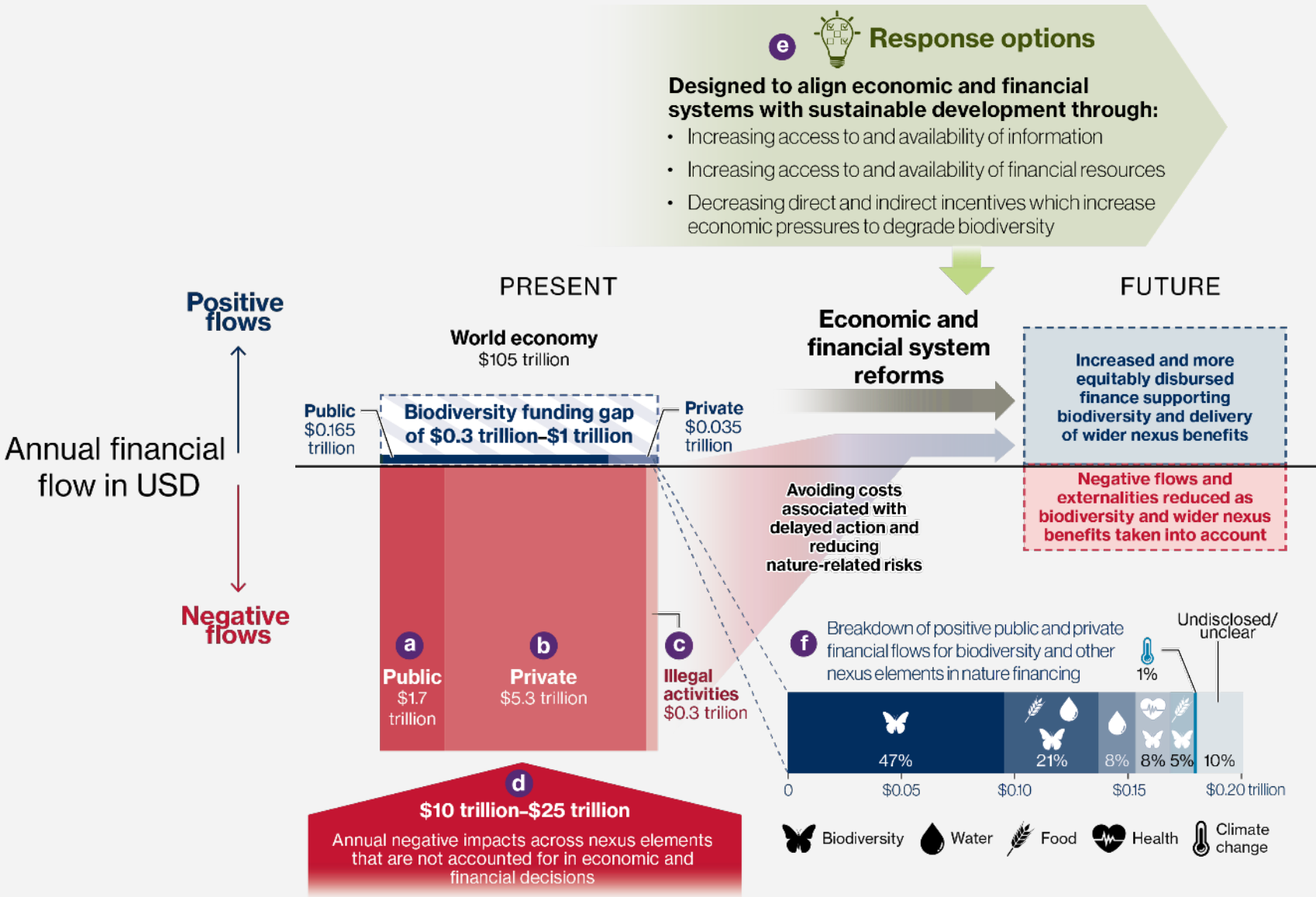
Deep misalignment between **financial flows** and **real-world system dynamics**:

- These options remain marginal in investment portfolios.

Framework available to screen projects and strategies for **nexus-wide performance**, not just carbon.



Finance framework for the nexus: flows, gaps, incentives, governance



Move from:

- “What is our biodiversity exposure?”

to

- “How do interconnected ecological changes reshape economic and financial stability?”

and

- “What kind of finance can support a different trajectory?”



ipbes

Evidence and solutions from the Transformative Change Assessment

Sebastián Villasante
Oportunius Distinguished Researcher Professor
University Santiago de Compostela (Spain)

June 10th, 2026



XUNTA DE GALICIA
CONSELLERÍA DE CULTURA,
EDUCACIÓN E UNIVERSIDADE



Food and Agriculture
Organization of the
United Nations

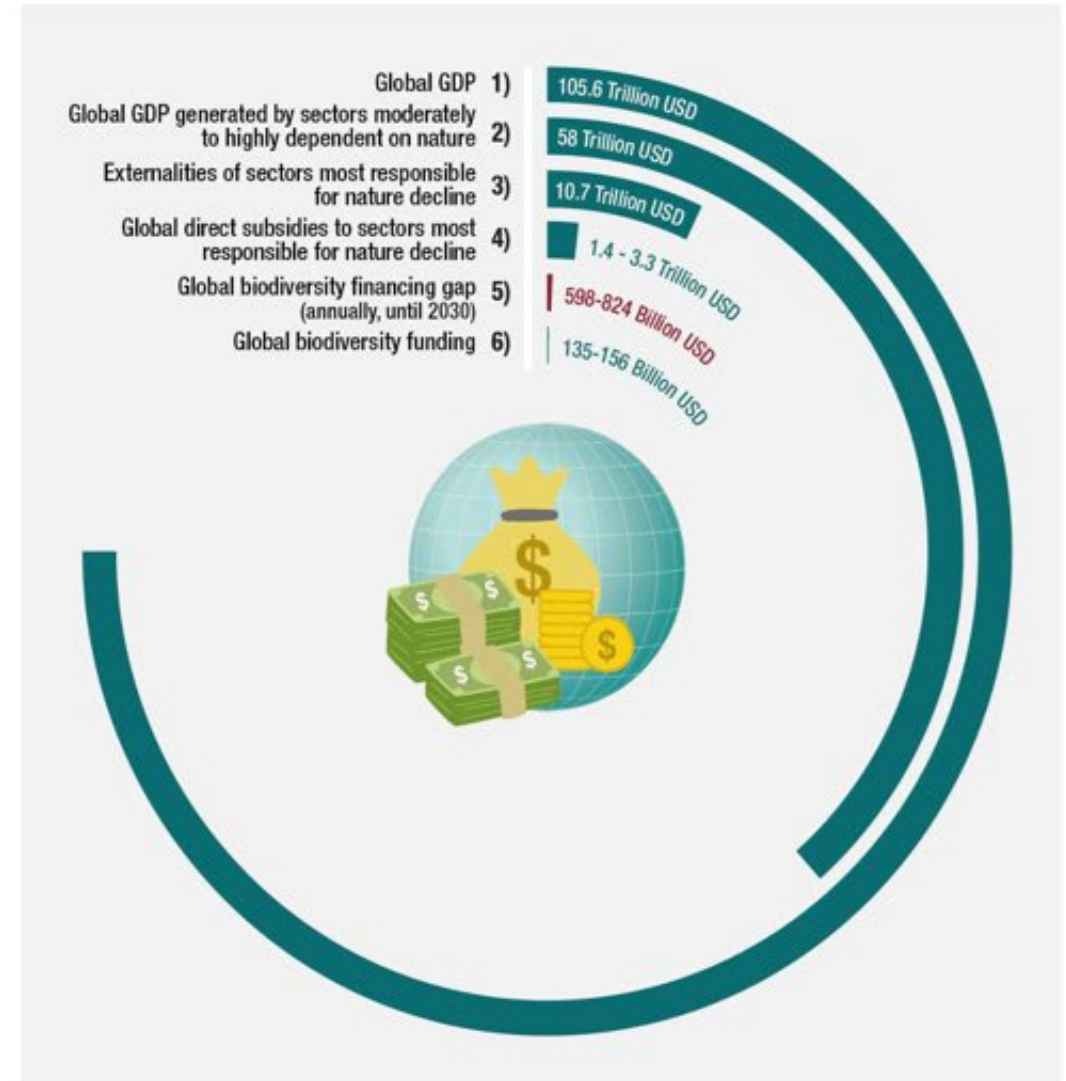


Underlying causes are **deeply rooted and interconnected social and cultural patterns** that shape, influence and reinforce all direct and indirect drivers of biodiversity loss

The three **key underlying causes** identified in this assessment are:

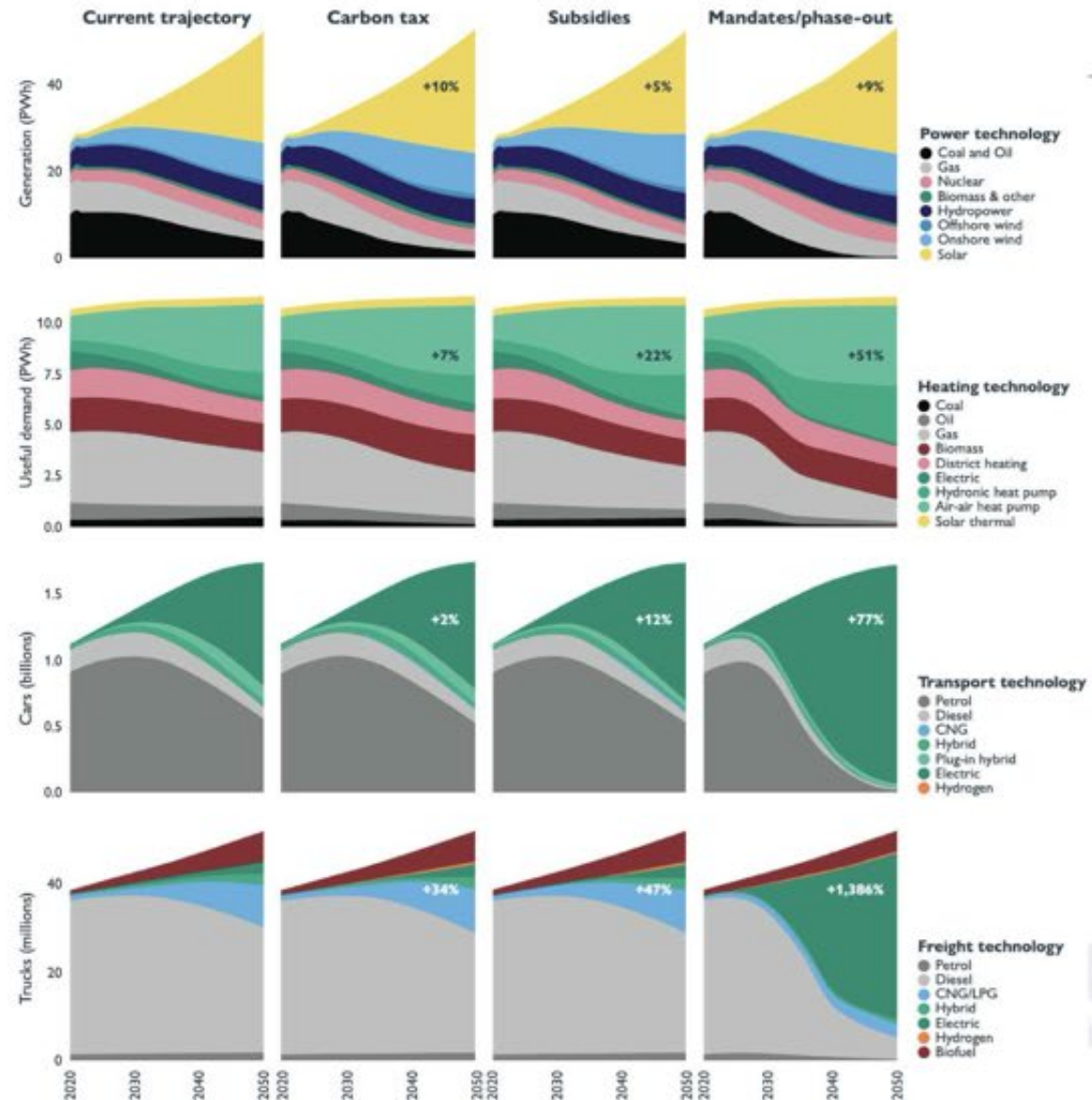
1. **disconnection** from and domination over nature and people;
2. **concentration** of power and wealth;
3. prioritization of **short-term, individual and material gains.**

#TransformativeChange

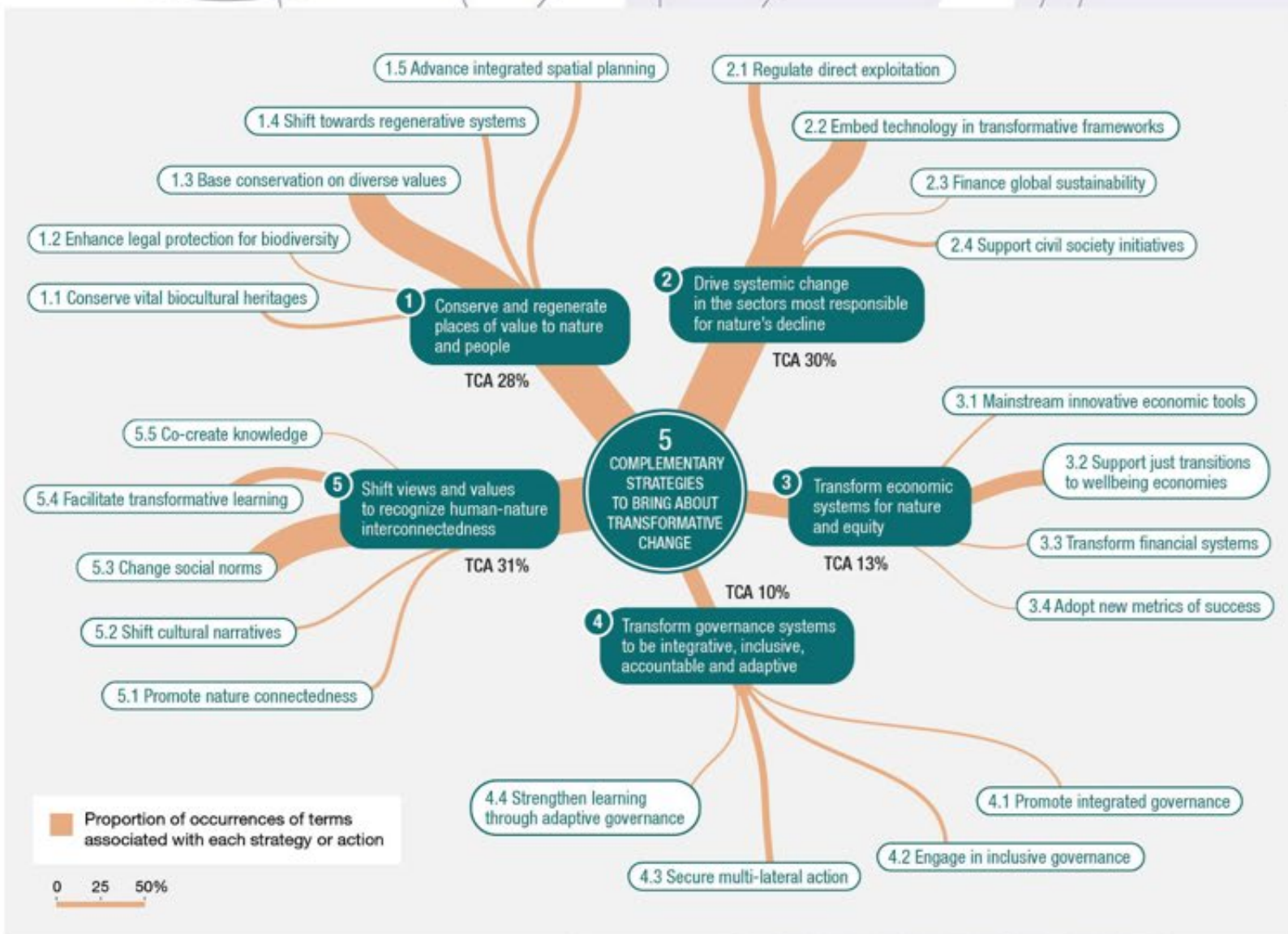


Financial flows need to shift toward investing in nature-positive activities to accelerate their transformation

The improvements in **battery technology** in the last few decades, cascading from consumer electronics to buses, cars and then into stationary electricity storage in the power sector and long-haul transport, is a good example of positive tipping across multiple sectors and countries



Five key strategies and associated actions have **complementary and synergistic effects** and substantial potential to advance deliberate transformative change for global sustainability.



An aerial photograph of Central Park in New York City, showing the lush green trees and the winding paths. In the background, the dense Manhattan skyline is visible, including several prominent skyscrapers. The image is overlaid with a semi-transparent white box containing text. On the left side of the image, there is a detailed view of a green printed circuit board (PCB) with intricate gold-colored traces and components, which appears to be part of the overall background composition.

Thank you

Questions & discussion

Panel session 1

Central banks and international institution perspectives on nature-related risks for the private sector



Eve Hanoune

Banque de France

Facilitator



Sophia Arlt

Deutsche Bundesbank



Ludivine Berret

Banque de France



Lylah Davies

OECD



Let's take a break

We will resume at 12:00

Panel session 2

How can science inform concrete decisions, risk management, and action?



Frederic Abergel

MICS, CentraleSupélec

Facilitator



Natacha Boric

Finance for Biodiversity



Arthur Campredon

CDC Biodiversité



Judith Fisher

University of Western Australia,
FirstNationsESG Australia



Marialuisa Tamborra

Directorate-General for Environment, DG
ENV, European Commission

Panel session 2

Judith Fisher, Associate Prof

Australia-Legislated Nature Repair Market

Robust Legal Framework

Nature Repair Market legislation includes:

- Nature Repair Act 2023
- Nature Repair Rules 2024
- Scientific Methods - a legislative Instrument
- Biodiversity Assessment - a legislative Instrument



Panel session 2

Judith Fisher, Associate Prof

Science informs decisions

An evidence based framework for legislated, national, voluntary biodiversity markets.

Rules are legislated to support:

- transparency
- integrity
- collaborative efforts to address environmental decline



Panel session 2

Judith Fisher, Associate Prof

Ecological Knowledge System

Scientific foundation for ecosystem condition

Biodiversity integrity standards:

- ensure genuine and verifiable benefits for biodiversity.
- trusted, transparent and authoritative source of information
- Developed methods must meet integrity standards



Panel session 2

Judith Fisher, Associate Prof

Biodiversity Assessment Legislative Instrument (BAI)

Informed by science and knowledge systems

Ensures:

- consistency in collection and measurement of biodiversity
- ability to compare biodiversity improvements
- integrity
- sustainability
- reliability
- transparency



Panel session 2

Judith Fisher, Associate Prof

Expert Reference Group

Advises on the Biodiversity Assessment Instrument

Utilises:

- Combined expertise in ecological and biodiversity science
 - First Nations ecological and cultural knowledge.
 - Ecological Knowledge System

Combined scientific expertise ensures:

- Trusted, transparent and authoritative science and environmental information



Panel session 2

Judith Fisher, Associate Prof

Market Decisions informed by science

Independent Nature Repair Committee Reports to Minister

Indigenous knowledge, values and data

Proponent must ensure:

- First Nations knowledge consent is appropriately obtained
- Project design and implementation plans are appropriately informed by First Nations knowledge and values.



Panel session 2

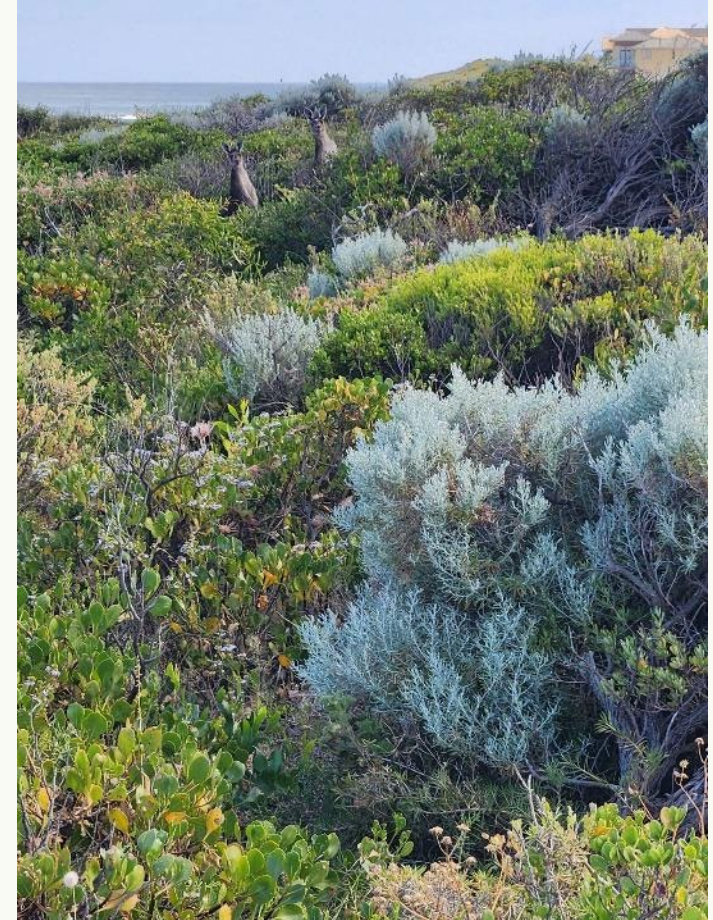
Judith Fisher, Associate Prof

Scientifically validated methods

Designed to deliver high-integrity biodiversity outcomes and increase investment in nature

Enhanced investor and business confidence to:

- include nature in financial decision-making
- manage nature related risks
- provide science based opportunities for nature investment



Towards Nature-positive Finance

Paris, Banque de France

10 June 2026

Marialuisa TAMBORRA
European Commission, DG Environment
env-nature-credits@ec.europa.eu

The EU Roadmap towards Nature Credits



1. Methodologies and metrics
2. Governance and integrity
3. Market readiness and finance
4. Policy coherence
5. International cooperation

Expert group



- Scoping study, including EU-wide market and gap analysis
- Core infrastructure, including
 - on registries and digital MRV,
 - on methodologies and metrics

Analytical work



- Biodiversity co-benefits
- Certification, MRV and registries
- Ensuring clear claims
- Draft CRCF delegated acts (feedback on 01–02/2026)

Synergies with carbon farming



- Engagement with international organisations
- Preparation for CBD COP 17 and UNFCCC COP 31
- Exchange of best practices
- Supporting global convergence

International outreach



What are nature credits?

Nature-positive action

Beyond mitigation hierarchy and individual legal compliance
Maintenance, protection and restoration

Science-based

- Flexibility across ecosystems
- In a coherent and standardised structure
- EU/UN ecosystem condition methods

Verified outcomes

Measured or proxied
Context-adapted
Independently assessed

High integrity

Sustainability
Transparency and traceability
Inclusiveness
Separation of roles

A new financial tool

Taking nature risks into account
Channel private investment

EU policy coherence

Fit nature and sectoral policies
Value existing standards
Link to existing schemes

Certificate

Recognise that a nature-positive project meets high-quality standards
Issued after assessing project design, methods, and expected outcomes
Provide upfront assurance serving as a mark of quality and credibility to investors and funders
Assigned revenues to unlock early-stage finance

Credit

Represent verified biodiversity outcomes over time
Issued based on monitoring of actual results
Quantified units that can be traded or reported by buyers
Enable result-based payments for nature restoration
Turn ecosystem improvement into transferable value

Not a commodification of nature but a framework to recognize, verify and channel investment into nature-positive action!



SEEA-EA: a UN standardised framework for ecosystem condition

Differentiating ecosystem types

- Natural ecosystems
- Semi-natural ecosystems
- Anthropogenic ecosystems

Ecosystem Condition Typology (ECT)

- Abiotic
- Biotic
- Landscape

Definition of indicators and their reference levels

- Optimal condition
- Sustainable condition
- Contemporary condition

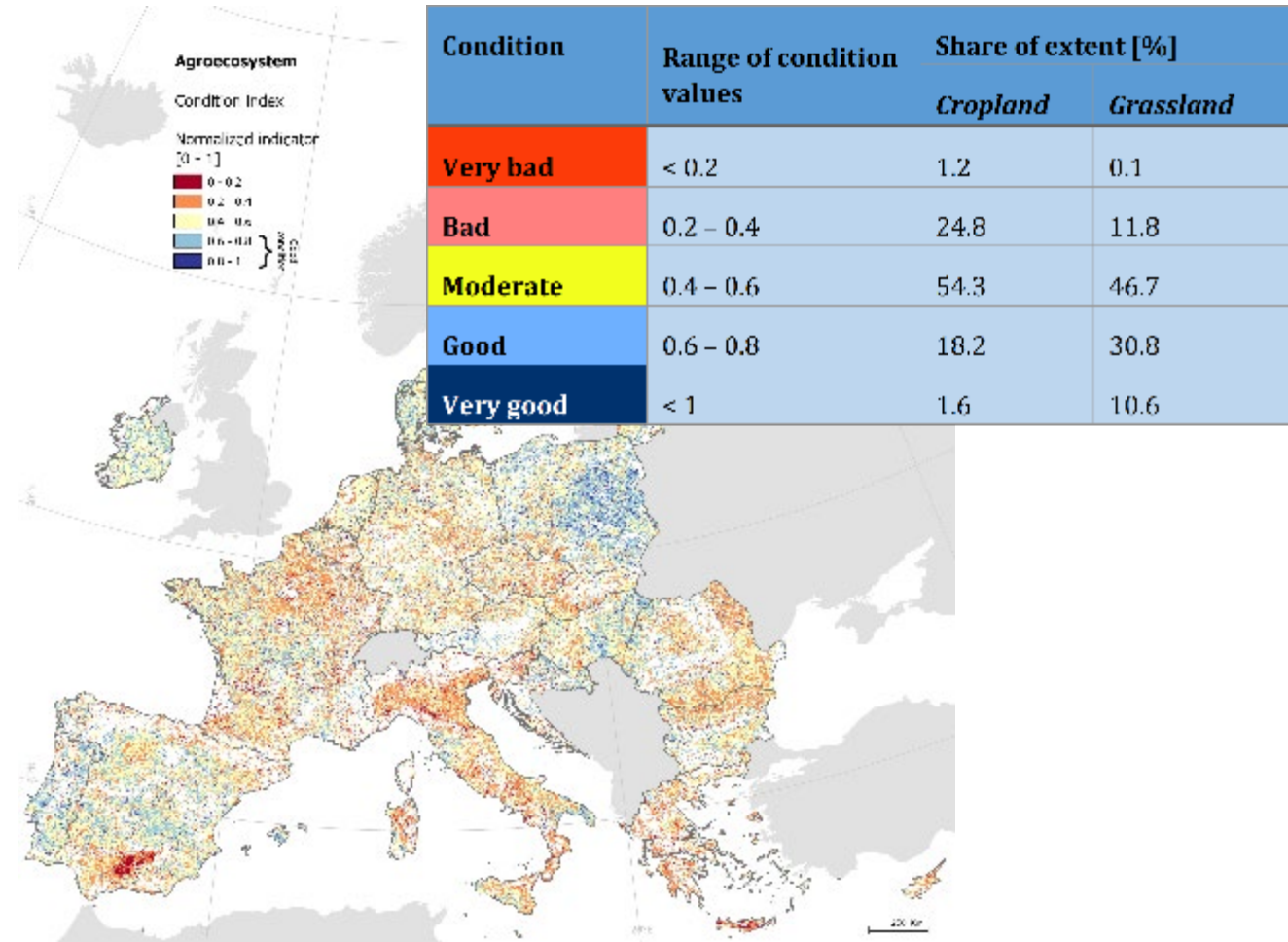
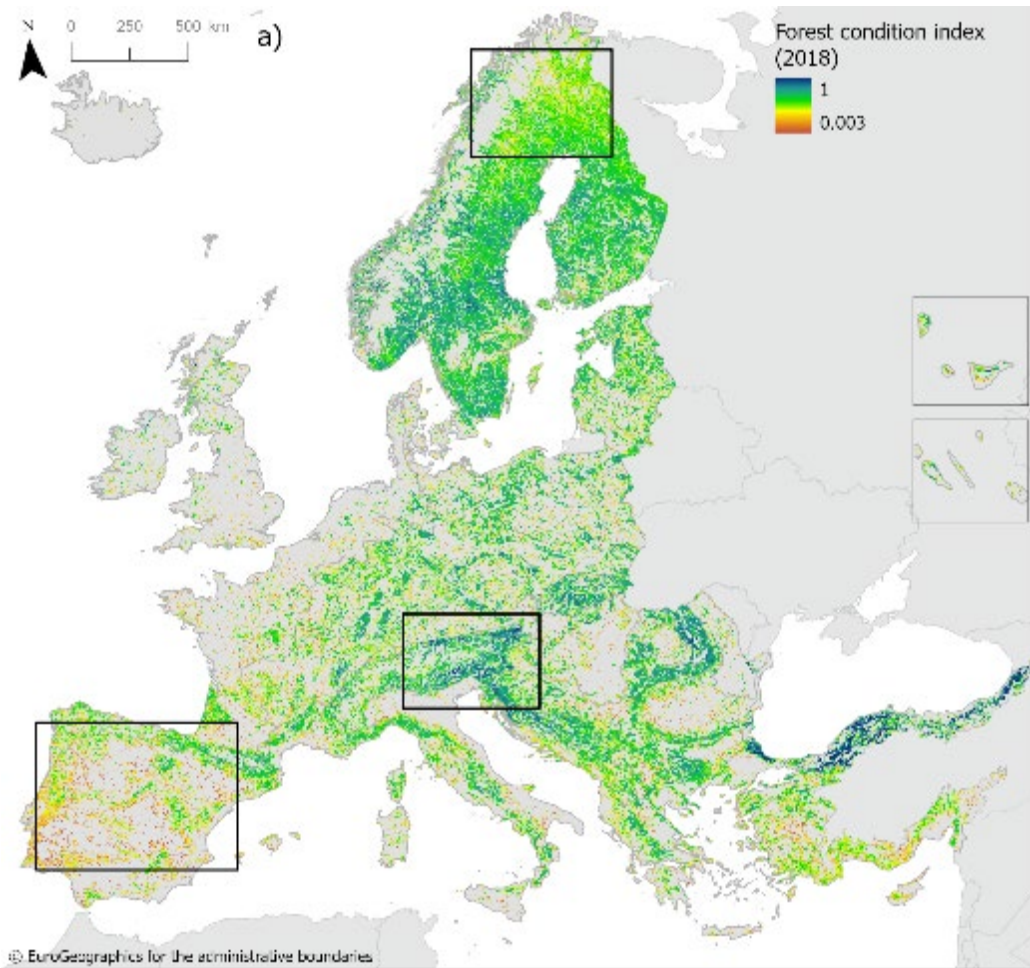
Normalisation and aggregation

- Normalisation from 0 (pessimal state) to 1 (optimal state)
- Aggregation into a Composite Condition Index

Ecosystem Condition Typology (ECT)	
Group	Class
Abiotic	Physical state (soil, water)
	Chemical state (pollutants, nutrients in soil/water)
Biotic	Compositional state (species composition)
	Structural state (vegetation cover, biomass)
	Functional state (functional groups, dry matter productivity)
Landscape	Land- and seascape (connectivity, land diversity)



Ecosystem Condition as a common reference metric



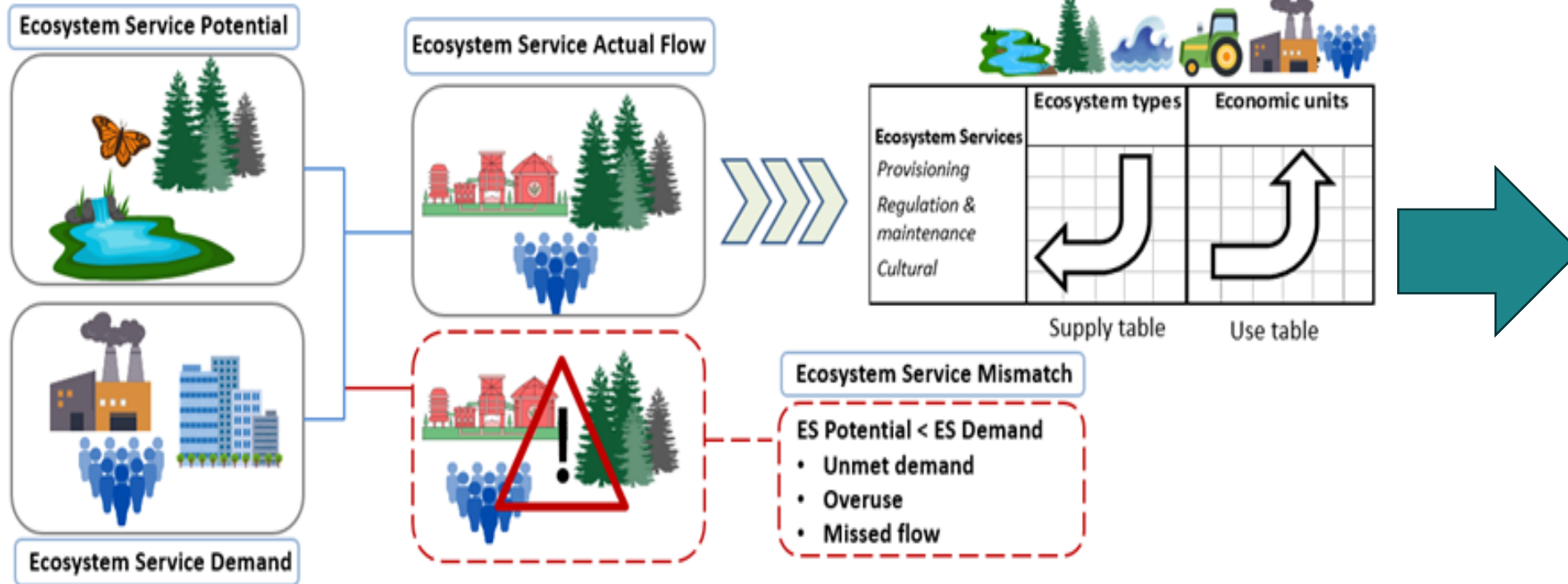
Maes, J., Bruzón, A.G., Barredo, J.I., Vallecillo S., Vogt, P., et al. Accounting for forest condition in Europe based on an international statistical standard. *Nature Communications* 14, 3723 (2023)

Paracchini, M.L., Barredo, J.I., Trombetti, M., Catarino, R., Guerrero, I. et al., Towards the quantification of ecological boundaries for the bioeconomy, Publications Office of the European Union, Luxembourg, 2026, JRC142995

Paracchini, M.L., Vallecillo, S., Marchetti, A., Marcantonio, M., Barredo, J.I. et al., Towards the second EU Ecosystem Assessment, Publications Office of the European Union, Luxembourg, 2026, JRC145950



The INCA approach: from research to policy applications



European Commission

SCIENCE FOR POLICY BRIEF

The European Commission's Knowledge Centre for Biodiversity

From nature to numbers: integrating natural capital accounting into decision-making

2024

HIGHLIGHTS

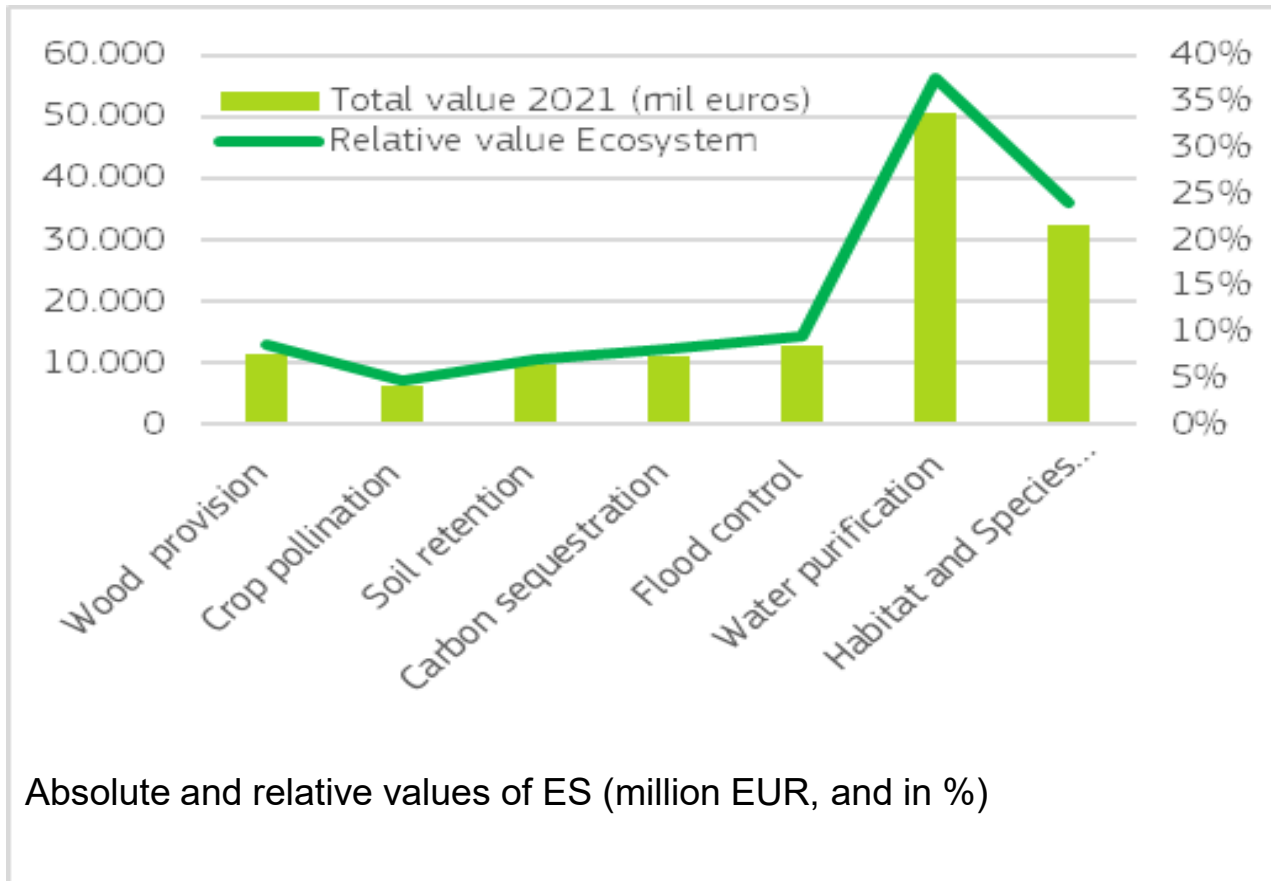
- In 2021, the monetary value of nine key ecosystem services supply in EU was estimated at €320 billion in 2021 prices, distributed across different ecosystems and services (Fig. 1)
- Nearly 40% of ecosystem services are used as inputs for producing goods and services by economic sectors (e.g. agriculture). The remaining 60% are used for various outdoor economic production (e.g. public health).
- The average value of ecosystem services represents 10% of the gross value added (GVA) of related economic sectors. This highlights their value for economic development.
- Unmet demand for ecosystem services exceeds a €100 billion annual gap in 2021 period, exposing vulnerability. One half of this loss stems from insufficient forest cover, a vital source for climate resilience, while nearly 40% is due to pollution shortages, underscoring agriculture's relation to air pollution.

Figure 1 – Supply of ecosystem services in EU in 2021 (in € billion) (in 2021 prices) (in million €)

Source: JRC Ecosystem Services Inventory

Page 2 of 10

Assessing nature-borne risks and vulnerabilities using the INCA approach

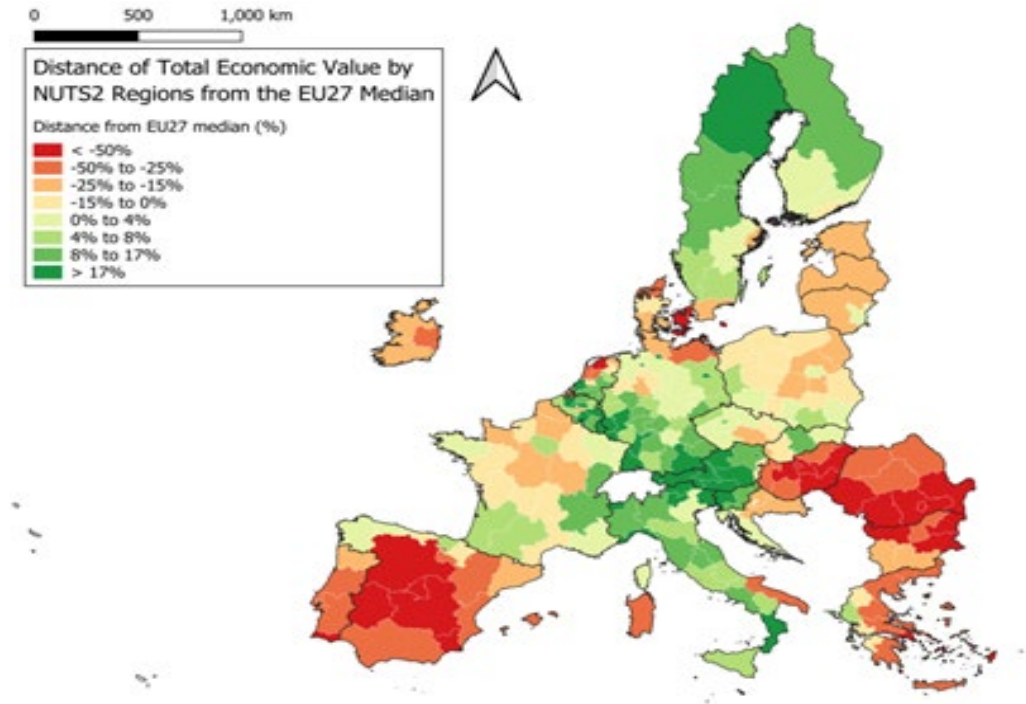


Absolute and relative values of ES (million EUR, and in %)

Source: <https://data.jrc.ec.europa.eu/dataset/d810c035f-4f48-879e-ef26c7c61e24>

<https://data.jrc.ec.europa.eu/dataset/aac96709c-4e35-9207-d32fc394946d>

Note: From the 2021 accounting series, air filtration, local climate regulation and nature tourism haven't yet been estimated in monetary terms and therefore are excluded from the total estimates.



The distribution of the vulnerability measured in economics terms with respect to the EU median.

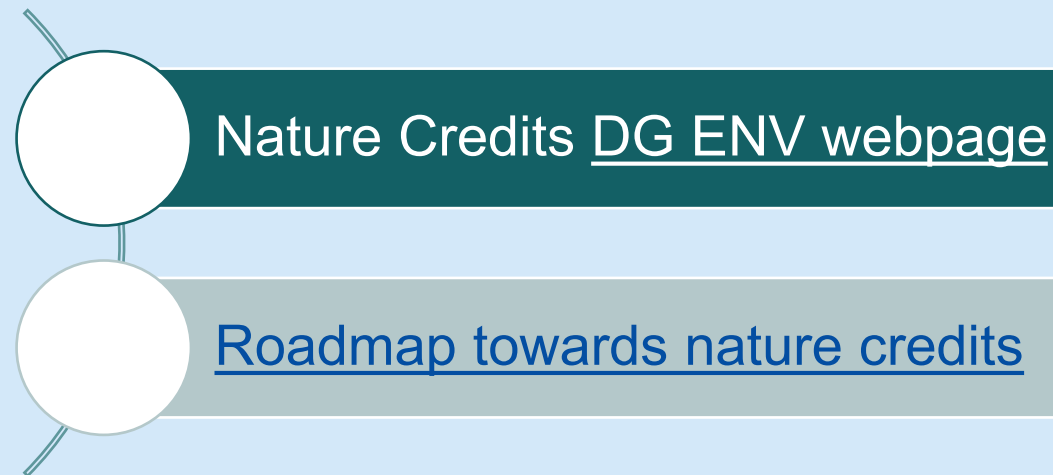
Source: <https://data.jrc.ec.europa.eu/dataset/d810c035f-4f48-879e-ef26c7c61e24>

<https://data.jrc.ec.europa.eu/dataset/aac96709c-4e35-9207-d32fc394946d>

Note: The value of the unmet demand was calculated as a proportion based on mismatch physical data.



Thank you!



For more information: env-nature-credits@ec.europa.eu

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How can science inform nature actions from financial institutions?

Natacha Boric, Finance for Biodiversity Foundation

Finance for Biodiversity Pledge

We, 200+ financial institutions, representing EURO 20.3 trillion in assets, call on global leaders to take effective measures to reverse nature loss this decade and to ensure ecosystem resilience.

As financial institutions, we know that healthy societies, resilient economies and thriving businesses rely on nature. Together, let's protect, restore, and sustainably manage our natural resources. We make every effort to take our share of responsibility and contribute to the protection and restoration of biodiversity and ecosystems through our financing activities and investments.

We, therefore, commit to doing the following by 2024 at the latest, or within two years after signing*:

1 Collaboration and Knowledge Sharing

We will collaborate and share knowledge on assessment methodologies, biodiversity-related metrics, targets and financing approaches for positive impact.

2 Engaging with Companies

We will incorporate criteria for biodiversity in ESG policies, while engaging with companies to reduce their negative impacts and increase positive impacts on biodiversity.

3 Assessing Impacts

We will assess our financing activities and investments for significant impacts on biodiversity and identify drivers of loss.

4 Setting Targets

We will set and disclose targets based on the best available science to increase significant positive and reduce significant negative impacts on biodiversity.

5 Reporting Publicly

We will report annually and be transparent about the significant positive and negative contribution to global biodiversity goals linked to our financing activities and investments in our portfolios.

How can science inform nature actions from financial institutions?

Natacha Boric, Finance for Biodiversity Foundation

Finance for Biodiversity Impact Report 2025

Pledge commitment 3: Assessing impact

88% of respondents have conducted impact assessments.

67% have assessed dependencies on nature.

72% have progressed to company-level analysis.

25% of respondents conduct location-specific assessments.

How can science inform nature actions from financial institutions?

Natacha Boric, Finance for Biodiversity Foundation





Insights from IPBES B&B Assessment (2026)

Low level of assessment methods applicability to financial portfolio

Only "macro-scale environmental and economic models" and "life-cycle approaches" are available and applicable at portfolio level, and only for "screening".





















See: [FfB Paper on key insight for FIs](#)

Purpose of measurement

-  **Screening:** identifying priorities requiring further analysis or action
-  **Comparing options:** evaluating potential impacts and dependencies of business activities relative to alternatives
-  **Tracking potential changes in impacts/dependencies:** measuring change in pressures over time as part of an impact assessment, or the change in reliance of business activities on nature's contributions to people over time as part of a dependency assessment
-  **Observing change in nature:** showing positive or negative changes in biodiversity and nature's contributions to people that can be attributed or linked to the business activities or action on biodiversity

Level of applicability

-  **Available and applicable**
-  **Proceed with caution:** methods can be applied provided sufficient accuracy, coverage and responsiveness
-  **Not currently feasible**
-  **Not applicable**

Level of business decision-making	Purpose of measurement	Method categories				
		Location-based observations	Participatory mapping and monitoring	Spatial analysis	Life cycle approaches	Macro-scale environmental economic models
Operations  Business operations that take place in sites under the direct control of the business entity		→	→	→	→	×
		→	→	→	→	×
		→	→	→	→	×
		→	→	→	×	×
Value chain  Activities beyond the direct control of an individual business entity, involving suppliers, manufacturers, distributors, retailers and customers		→	→	→	→	×
		→	→	→	→	×
		→	→	→	→	×
		→	→	→	×	×
Corporate  A business or group of business entities, typically within an industry, which is governed as a single organization		→	→	→	→	→
		→	→	→	→	×
		→	→	→	→	×
		→	→	→	×	×
Portfolio  A group of investments owned by a financial institution or a group of business units owned by a conglomerate		→	→	→	→	→
		→	→	→	→	×
		→	→	→	→	×
		→	→	→	×	×

How can science inform nature actions from financial institutions?

Natacha Boric, Finance for Biodiversity Foundation

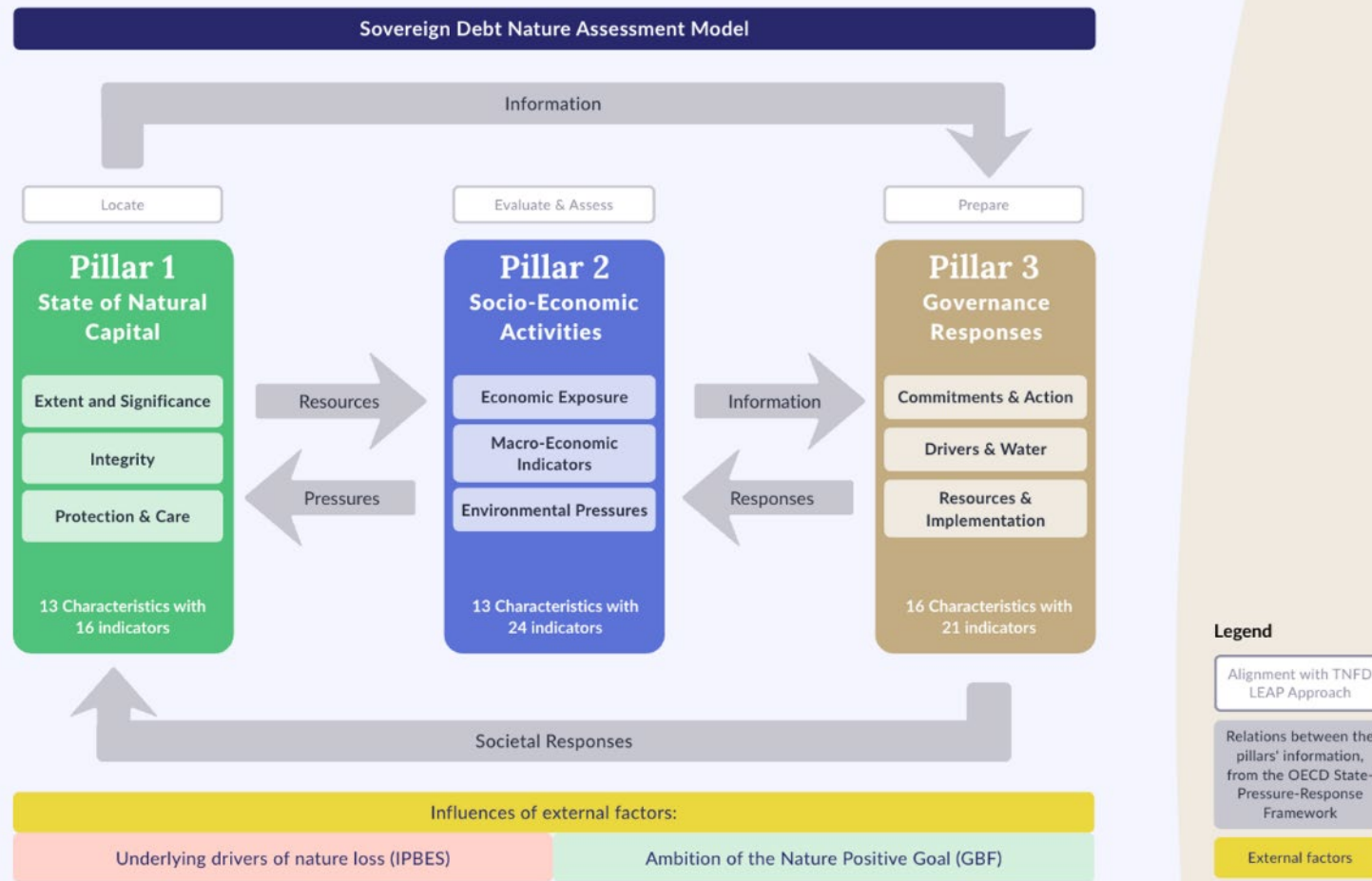
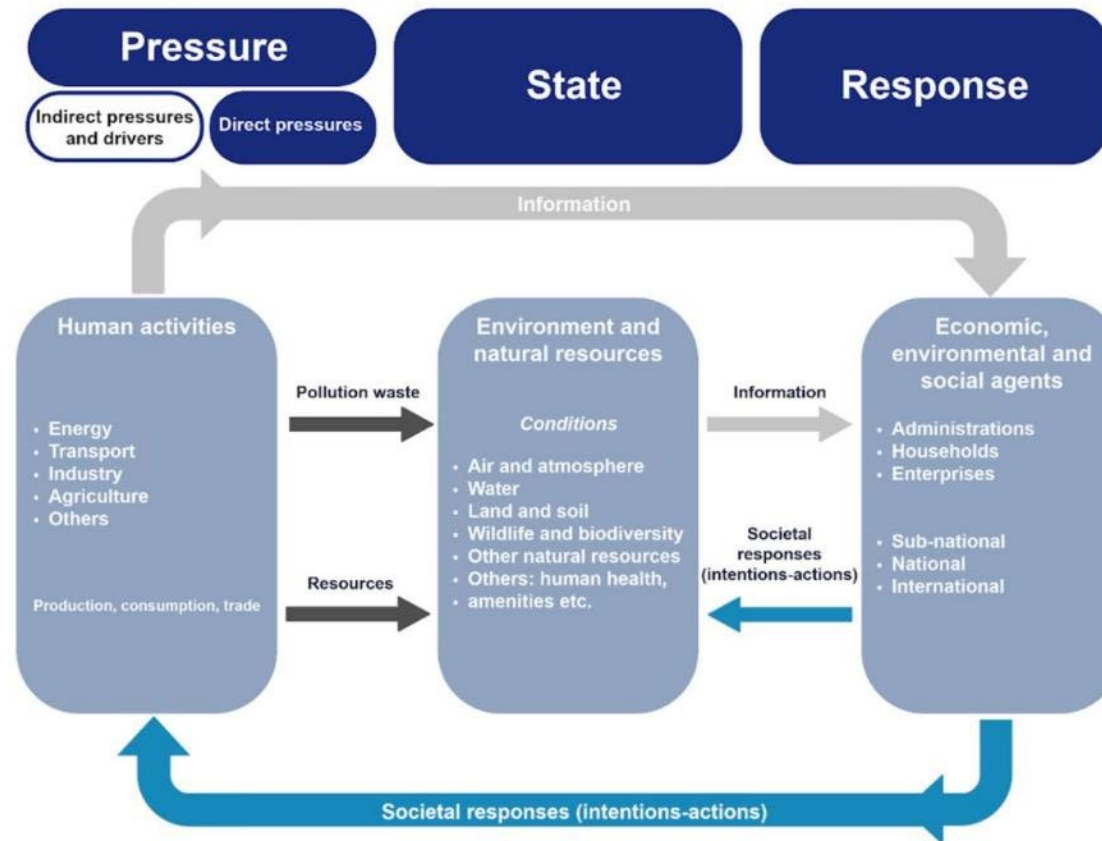


Figure 2: Illustration of the Sovereign Debt Nature Assessment Model - Source: FfB Foundation (2025)

How can science inform nature actions from financial institutions?

Natacha Boric, Finance for Biodiversity Foundation

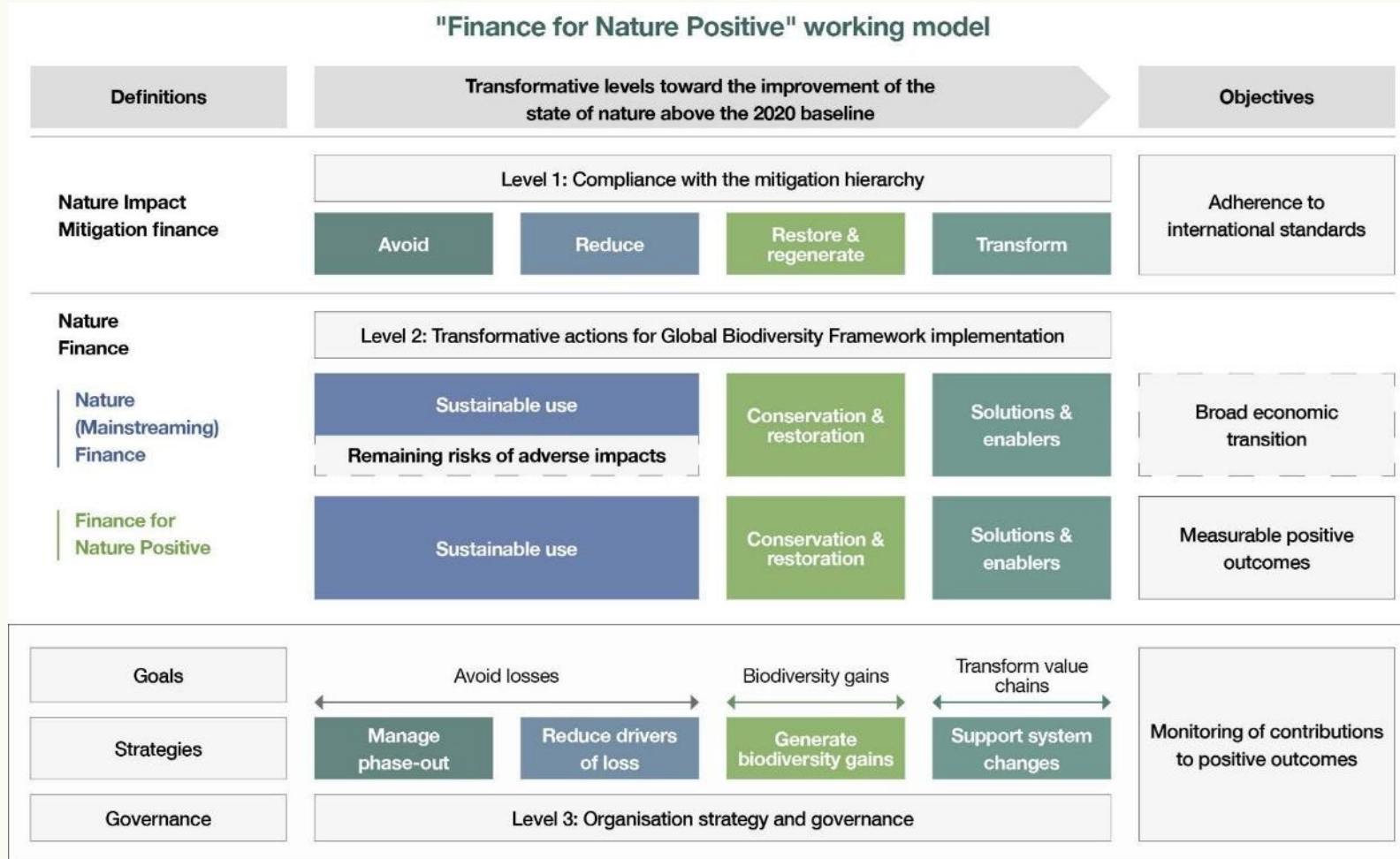
The OECD Pressure-State-Response Model



Source: OECD.

How can science inform nature actions from financial institutions?

Natacha Boric, Finance for Biodiversity Foundation



Understanding the MSA.km² metric

Arthur Campredon, CDC Biodiversité

The impacts are thus measured both in terms of loss of integrity and the extent of the affected ecosystems



A loss of 1 million square kilometers is equivalent to the destruction of 1 square kilometer of undisturbed natural ecosystem

Source: GLOBIO

Example

Conversion of 100 km² of virgin forest into a plantation

Virgin Forest

MSA = 100 %

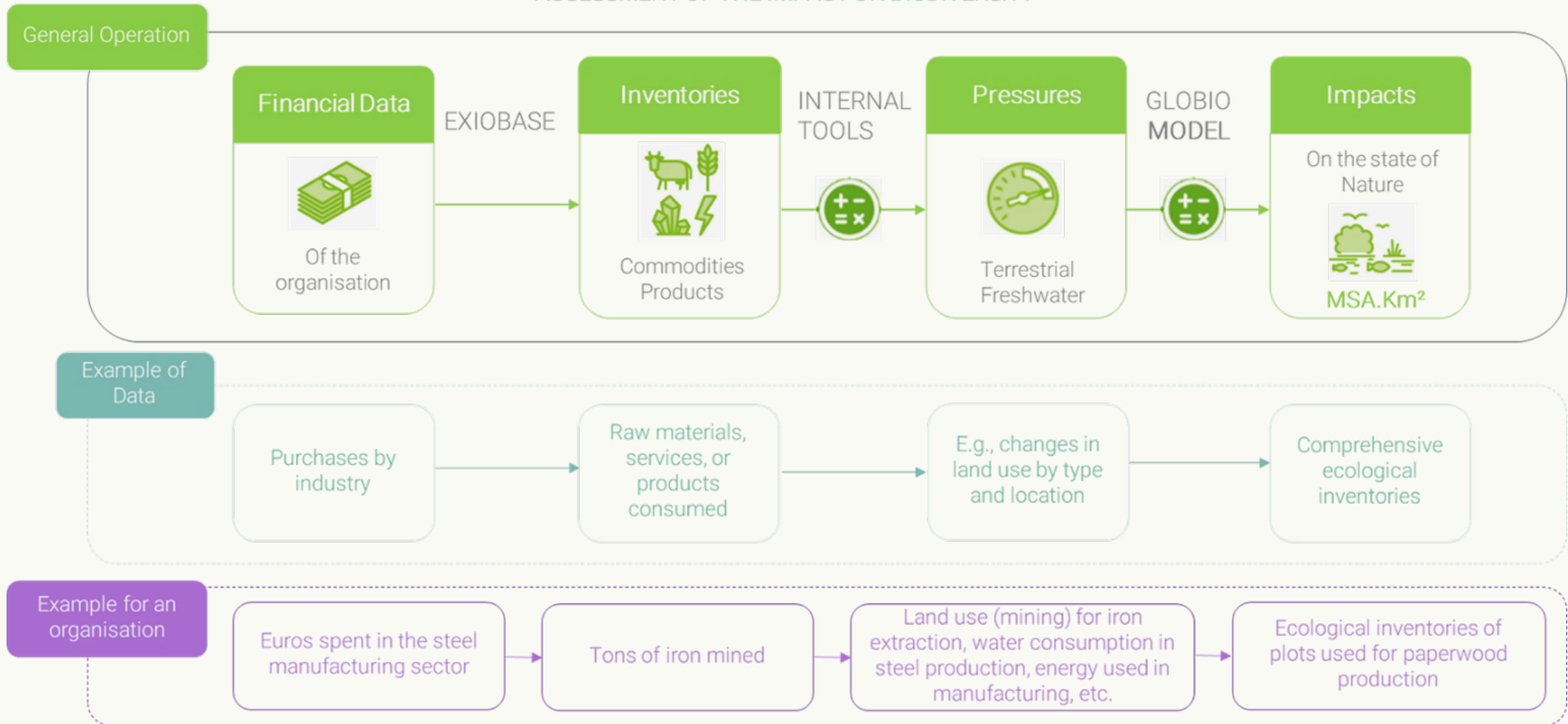
Plantation

MSA = 30% (i.e., 70% MSA of biodiversity loss)

This conversion results in an impact of 70 MSA.km²
(100% - 30%) × 100 km²

How the GBS works?

ASSESSMENT OF THE IMPACT ON BIODIVERSITY



The need for biodiversity footprint

The current situation

An ecosystem of stakeholders using a benchmark metric to guide their biodiversity strategy (the MSA.km²)

The identified need

Need for a comprehensive framework to define and structure their transformation efforts and commit to specific targets and roadmaps

The work presented today

Step 1: A country's footprint is the first essential step in defining a national alignment pathway that is broken down into sector-specific pathways

Next steps

Step 2: Developing national and sectoral pathways based on the results of the footprint analysis

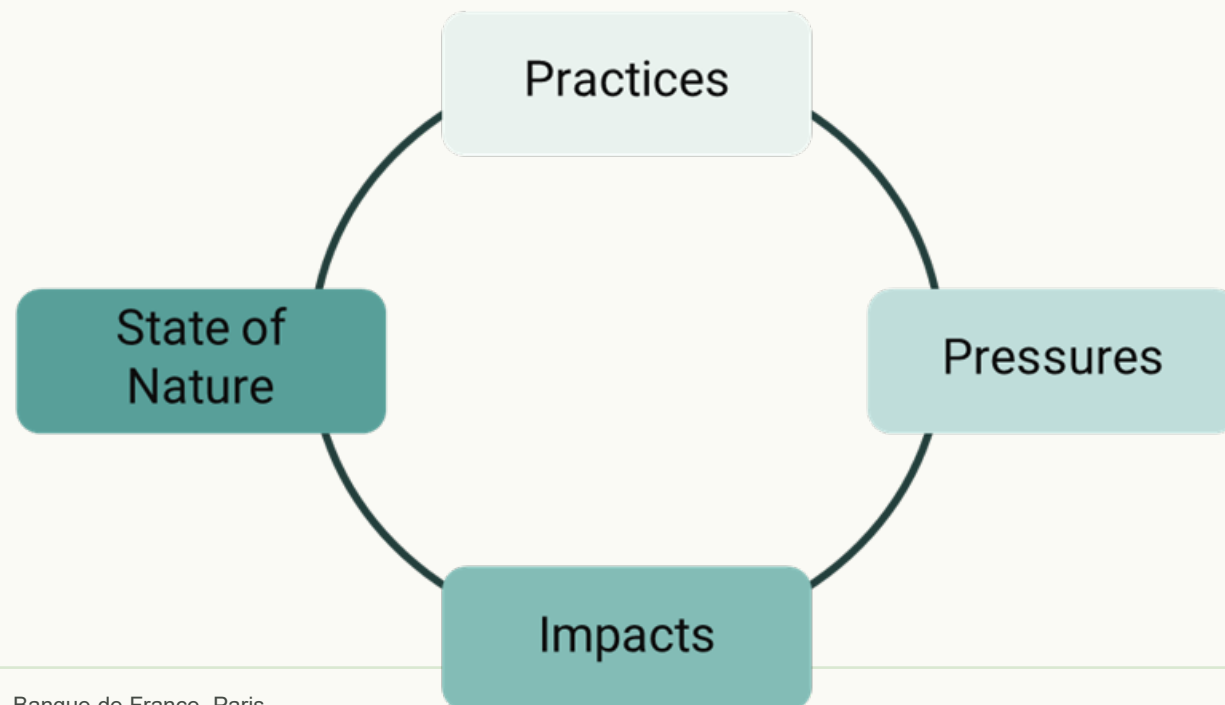
The Biodiversity Footprint supports the transition to a "Nature Positive" world that respects planetary boundaries by making it possible to measure:

- France's share of global impacts, both in terms of stock and flow,
- The distribution of impacts across the various sectors of the French economy,
- The main pressures on biodiversity

The biodiversity footprint helps draw connections between practices and the state of biodiversity

The footprint is a structured approach to understanding the links between corporate actions and concrete outcomes related to biodiversity.

Simply examining a company's (or a sector's, or a region's) practices in isolation—along with the pressures it generates, its impacts on biodiversity, or the overall state of biodiversity—is not enough to ensure that the strategy leads to real improvements in biodiversity and ultimately contributes to the achievement of global goals.

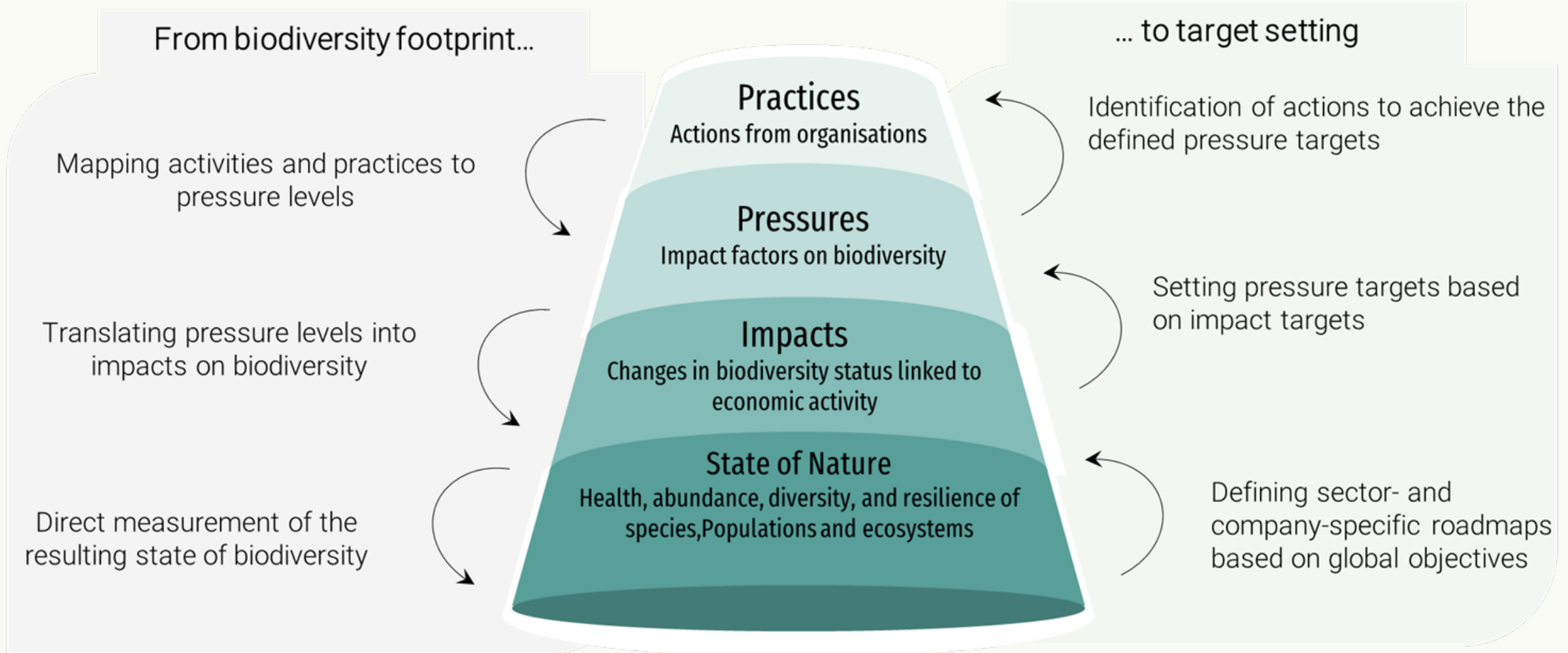


Complementary levels of Biodiversity Accounting

Level of Assessment	Focus of the measurement	Example of metrics
Practices	Actions, policies, strategies, and investments undertaken by organizations to prevent, reduce, mitigate, or offset impacts on biodiversity.	% of certified raw materials % of suppliers covered by zero-deforestation policies
Pressures	The direct environmental pressures generated by human activities that affect ecosystems and biodiversity are the main drivers of biodiversity loss identified by IPBES	Land use or land conversion (ha) Water withdrawal (m ³) Nutrient pollution (kg N or P)
Impacts	Quantified change in biodiversity associated with economic activity, typically estimated through modeling that links pressures to biodiversity outcomes	MSA.km ² PDF.m ² .yr
State of Nature	The condition, integrity, and diversity of biodiversity in ecosystems, as measured by ecological observations or monitoring of species and habitats	Ecological inventory metrics Field-based MSA

Observation: When used individually, without linking them to one another, these metrics provide only partial and isolated information, which limits their ability to inform effective decision-making processes.

Incorporate all levels of an effective biodiversity strategy

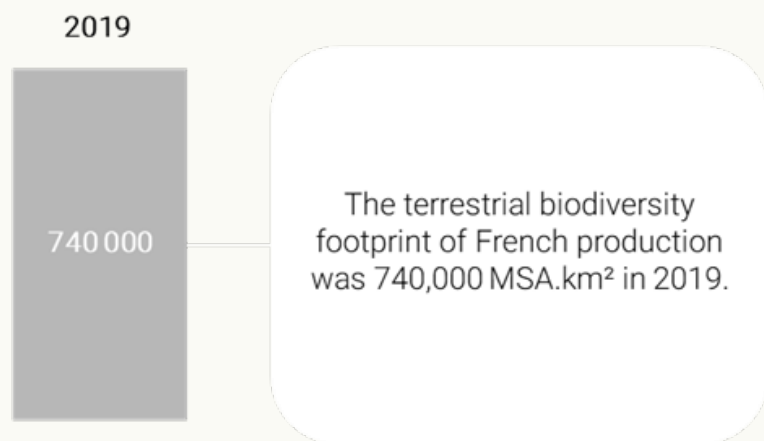


Cumulative terrestrial footprint of French production

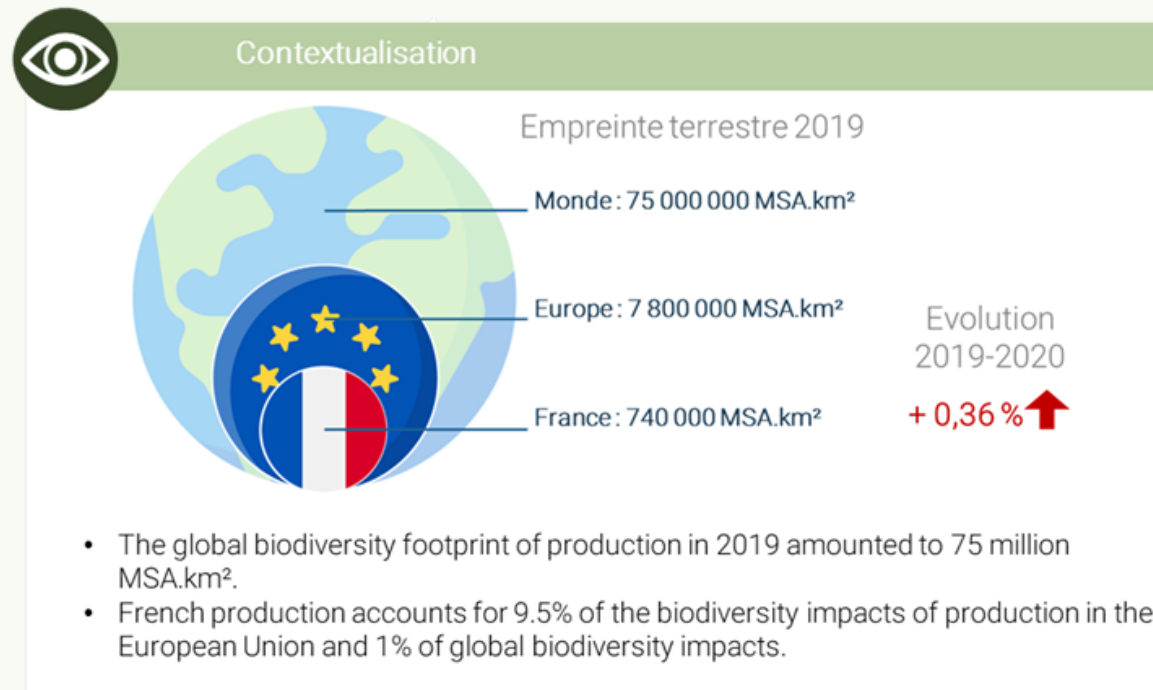
A comprehensive view of the national footprint makes it possible to understand the full range of impacts on the territory and to track how they change over time.

Productive approach

Cumulative terrestrial footprint of French production (MSA.km²)



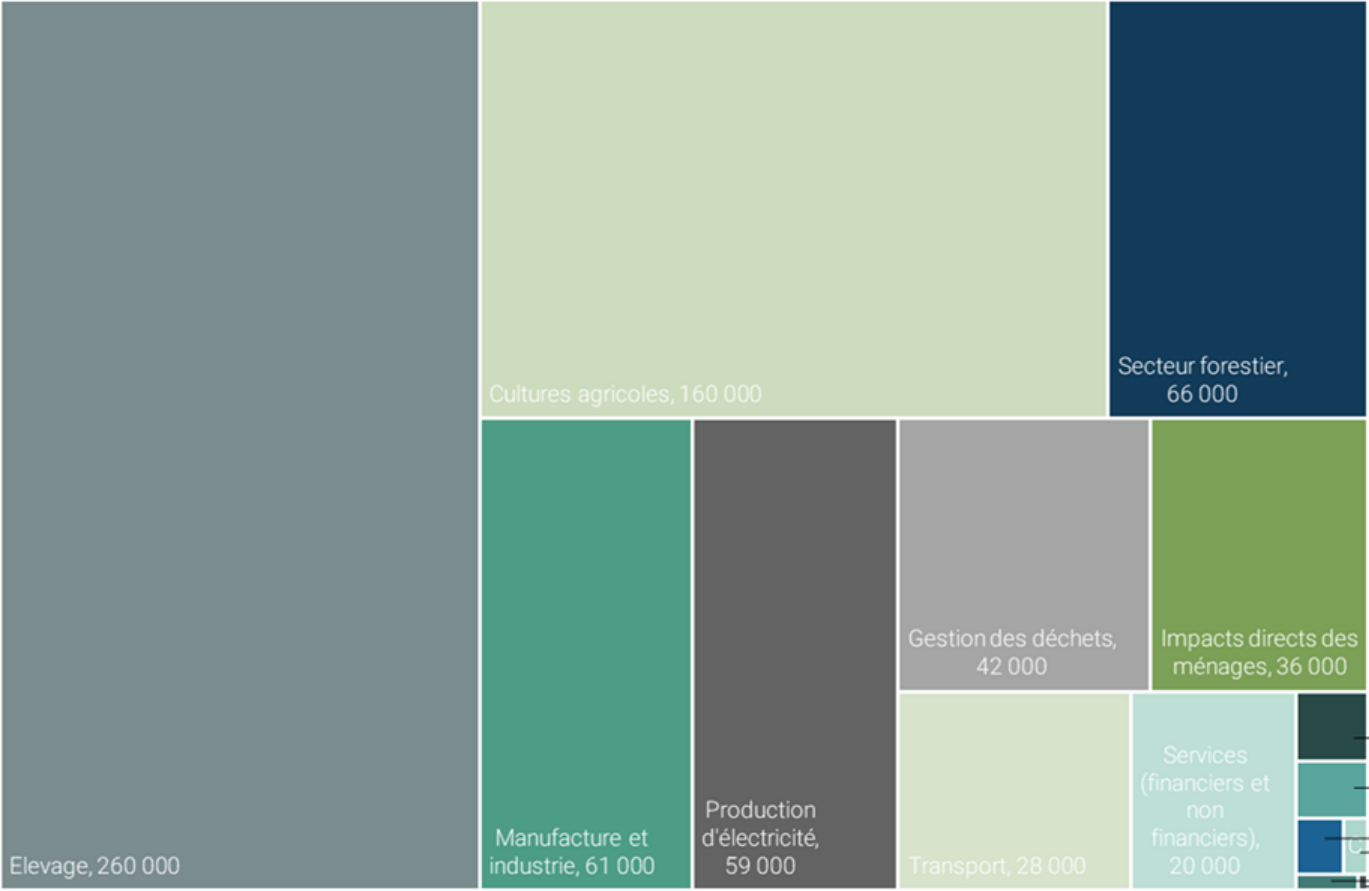
CDC Biodiversité, janvier 2026, GBS Version 1.6



International organizations and guidelines such as ALIGN recommend calculating and analyzing the results for each ecosystem (terrestrial and aquatic) separately.

Managing France's biodiversity footprint: implementing action at various levels

Production approach



To enable effective management of the national biodiversity footprint, a breakdown is necessary.

A sector-by-sector breakdown makes it possible to identify the most significant sectors and thus determine priorities in terms of levers for action.

Répartition sectorielle des impacts terrestres accumulés de la production française (MSA.km²), CDC Biodiversité, janvier 2026, GBS Version 1.6

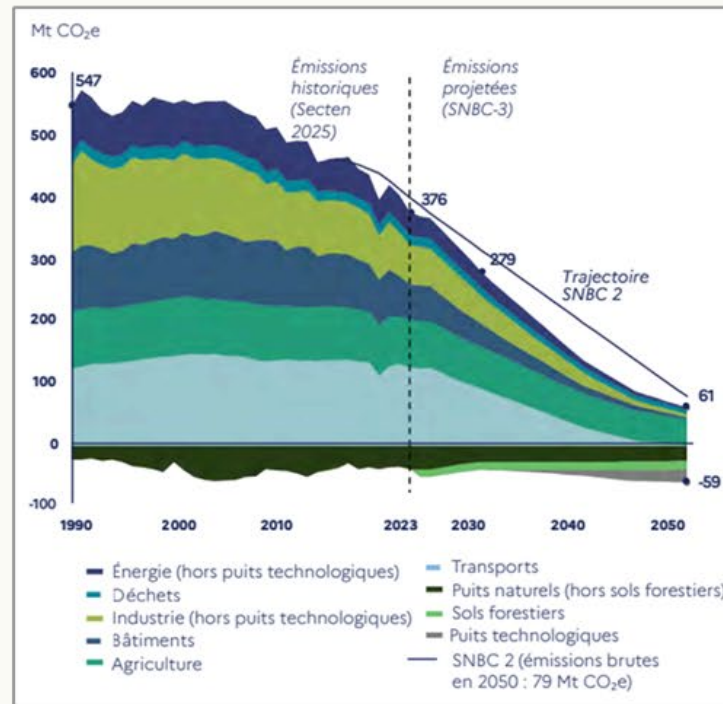
Perspectives

The results obtained at the national level could serve as the basis for developing a quantified national biodiversity strategy. Starting with an overall objective and budget, it would be possible to establish a roadmap, which would be broken down by sector in the same way as the SNBC.

Objectives of SNBC 3



Trajectories of SNBC 3



Evolutions des émissions territoriales de gaz à effet de serre (Source : Projet de Stratégie nationale bas-carbone n°3, Décembre 2025)

Sectorial work of CDC Biodiversité



+ Work in progress on assessing the costs of sector-specific mitigation measures:

- Restoration costs
- Emissions reduction curves

An aerial photograph of Central Park in New York City, showing the lush green trees and the winding paths. In the background, the dense Manhattan skyline is visible, including several prominent skyscrapers. The image is overlaid with a semi-transparent white box containing text. On the left side of the image, there is a green circuit board pattern that extends across the top and bottom edges.

Thank you

Questions & discussion



Lunch break

We will resume at 14:10

Introduction to the interactive workshop

Tom Wild

BiodivRestore Knowledge Hub,
University of Sheffield



Participating in the workshops

- Session leads, facilitators, notetakers
- Ground rules & expectations
- Individual reflections & group discussion
- Promote and publicise this, e.g.

#NaturePositiveFinance





Breakout session

1 Traditional Ecological Knowledge (room 1)

2 Harmful incentives (room 4)

3 Environmental accounting (room 1)

4 Nature credits (auditorium)

5 EU Nature Restoration Regulation (room 1)

Interactive workshop & breakout sessions

Topic 1. Traditional ecological knowledge (room 1)



Diana Mangalagiu

Neoma Business School,
University of Oxford



Judith Fisher

University of Western Australia,
FirstNationsESG Australia

Facilitator: Rainer Sodtke / Notetaker: Julie de Bouville

Interactive workshop & breakout sessions

Topic 2. Harmful incentives (room 4) From commitment to action – Pathways to feasible subsidy reform



Faryde Carlier

Center for Policy and Incentives at
Conservation International



Jennifer Hole

Center for Policy and Incentives at
Conservation International

Facilitator: Lars Dinesen / Notetaker: Laura Parot-Alvarez

Interactive workshop & breakout sessions

Topic 3. Environmental accounting (room 1)



Clément Feger

AgroParisTech, co-director of the
Ecological Accounting Chair

Facilitator: Claude Garcia / Clara Superbie

Interactive workshop & breakout sessions

Topic 4. Nature credits (auditorium)



Dalia D'Amato

Syke, RESPIN



Romain Julliard

French National Museum of Natural
History

Facilitator: Mithila Unkule / Notetaker: Anna Sandor

Interactive workshop & breakout sessions

Topic 5. EU Nature Restoration Regulation (room 1)



Paola Lepori

ICLEI Europe



Laura Puértolas

BiodivRestore Knowledge Hub,
Albirem Sustainability



Teresa Spantzel

Ecologic Institute

Facilitator: Tom Wild / Notetaker: Cloé Durieux



Let's take a break

We will resume at 16:30

Panel session 3

On the Road to COP17



Nathalie Morata

French Foundation for Biodiversity
Research

Facilitator



Julie Hammer - Monart

French CBD NFP



Rob J.J. Hendricks

Netherlands IPBES & CHM NFP

Joint Statement

Introducing the Joint Statement on Nature-Related Financial Risks



Elise Kremer

Banque de France



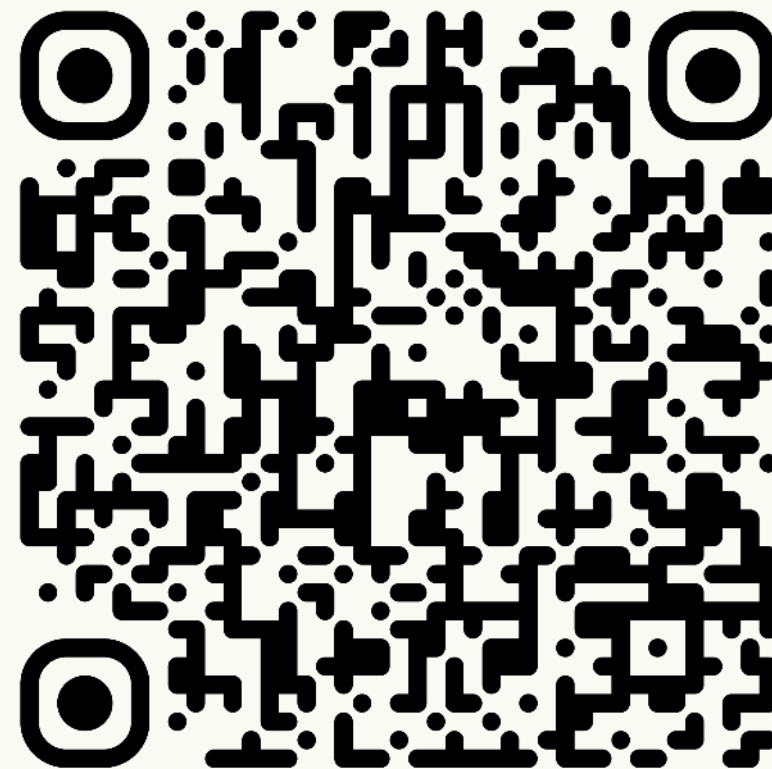
Lars Dinesen

SGAV Denmark

Toward Nature-Positive Finance

Scientific Foundations for Action

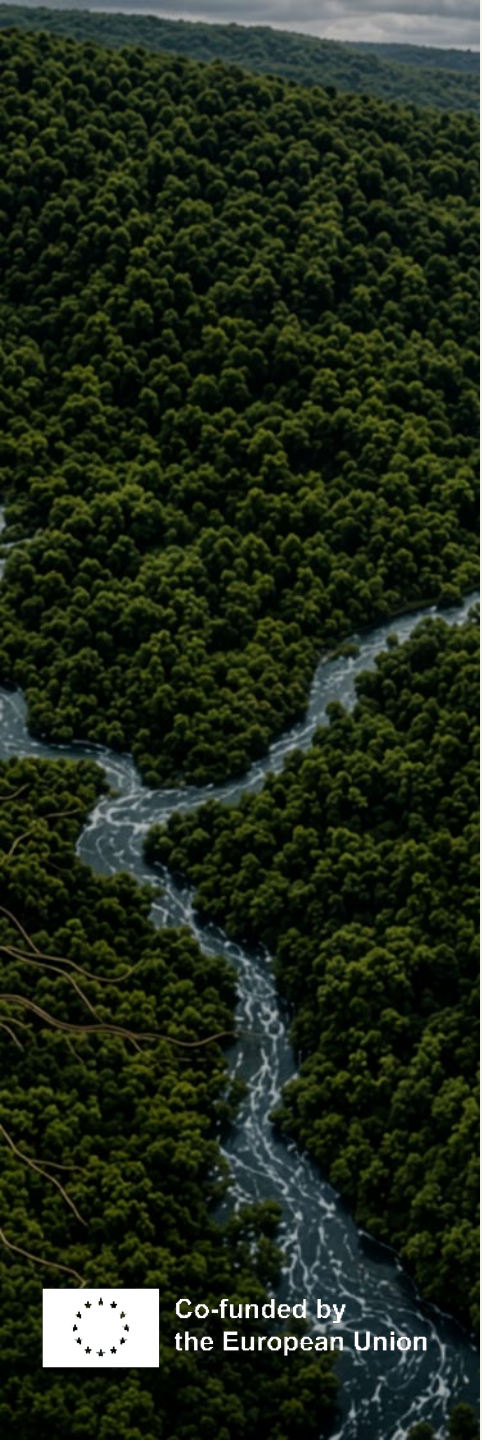
Nature-related risks: from scientific evidence to financial decision-making



Closing words

Ivan Odonnat
Banque de France





Thank you



Co-funded by
the European Union

