

Plural values & socio-politics of Nature Based Solutions

Connecting Nature Impact Summit Genk 29/04/22

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INSTITUUT
NATUUR- EN
BOSONDERZOEK



Vlaanderen
is wetenschap

1. Plural Values

1. Why Transformation

1. Fair Nature

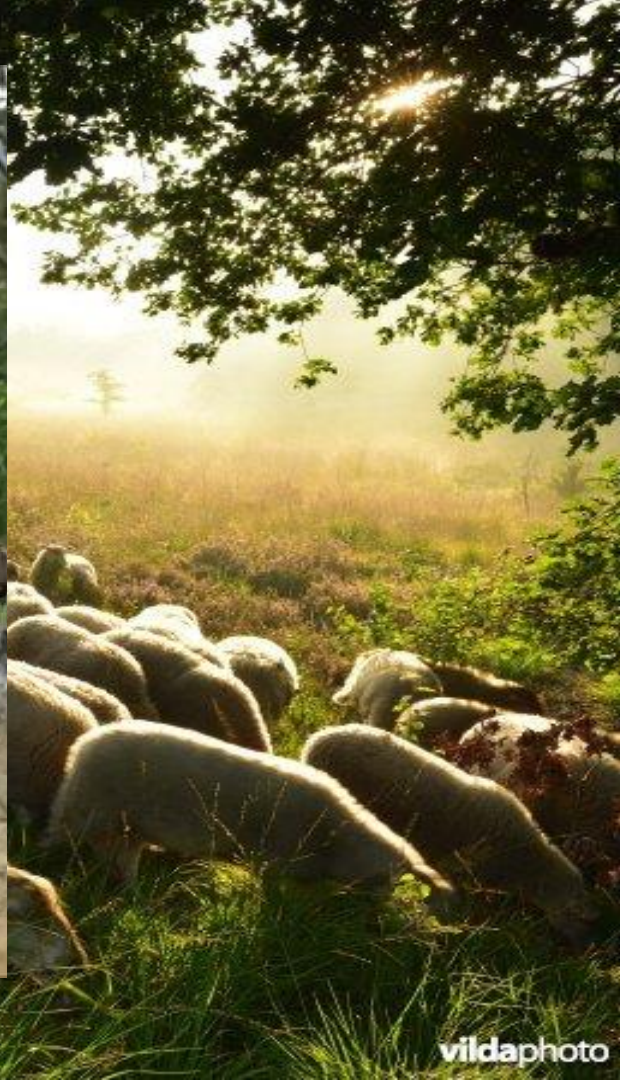
1. Plural values

Write down a two or three key words:

Why is nature important **to you personally**?

Why is nature important **for your city or region**?

Why is nature important **globally**?



Plural Values - Meervoudige waarden



VALUES

Aesthetic

Economic

Spiritual

Ecological

Heritage

Intrinsic

Cultural

Relational

FILTER

Broad
Values

World views

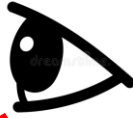
Beliefs

Culture

Principles

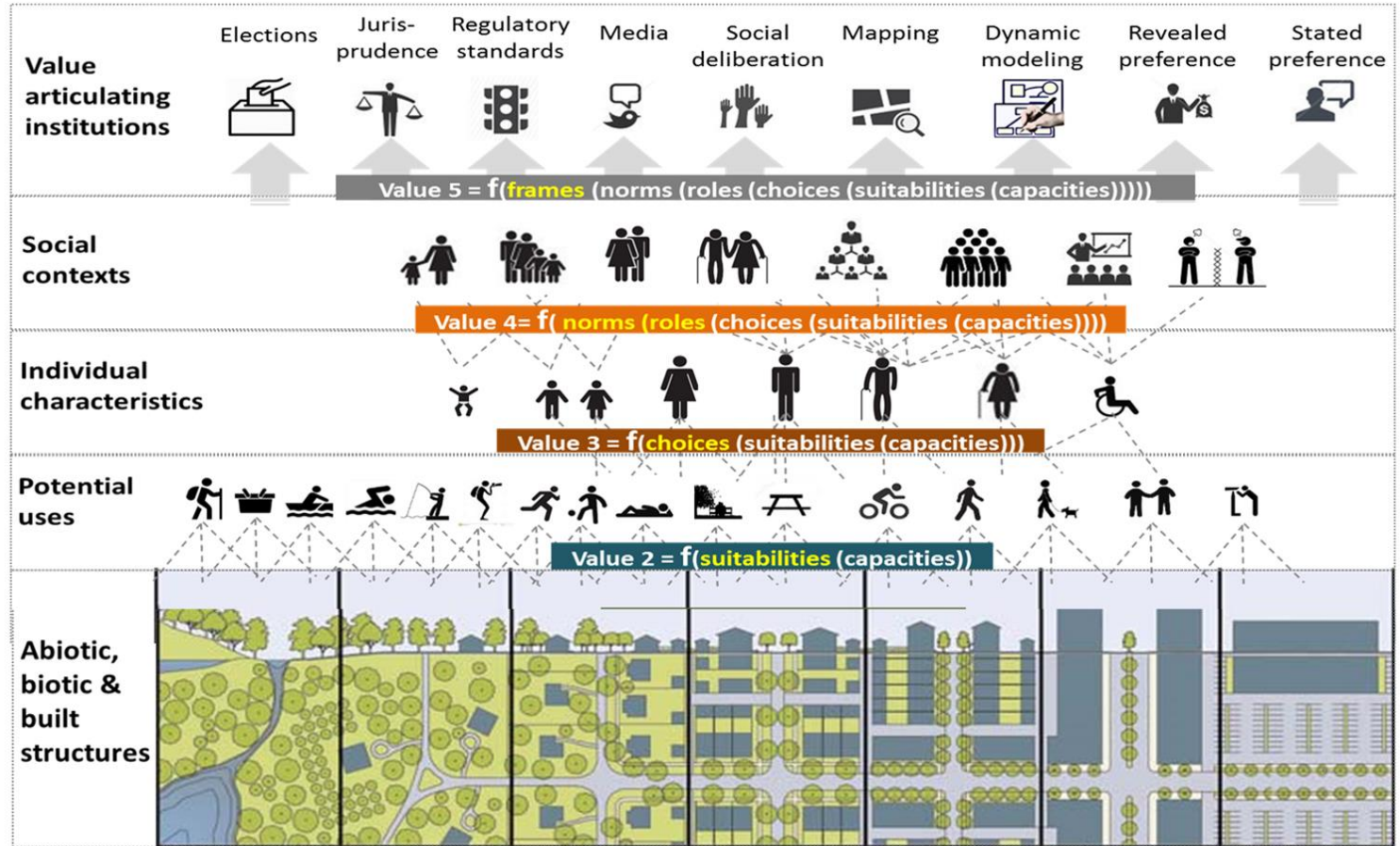
Moment

Context

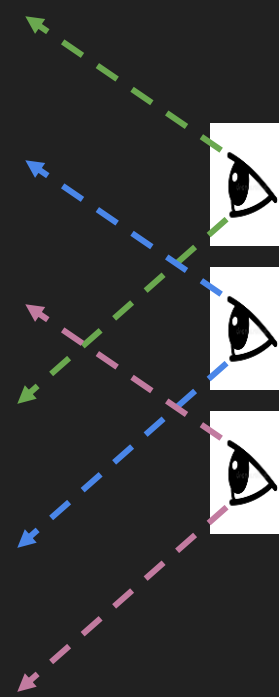


Value Dimensions

1. **INTRINSIC** The value of 'nature in itself' - regardless human utility
(ecosystem health, ecological functions, biodiversity)
1. **INSTRUMENTAL** The values of ecosystem goods and services
(food and water production, regulation of water, air and soil, recreation, ..)
1. **RELATIONAL** The value of nature-human relations
(belonging, stewardship, conservation activities, heritage, health)



Barton, D. N., Dunford, R., Gomez-Baggethun, E., Harrison, P. A., Jacobs, S., Kelemen, E., & Martin-Lopez, B. (2017). EU FP7 OpenNESS Project Deliverable 33-44: Integrated assessment and valuation of ecosystem services -Guidelines and experiences.



What is “Nature” ?

for you?

for your neighbour?

Who decides?

Whose values are counted?

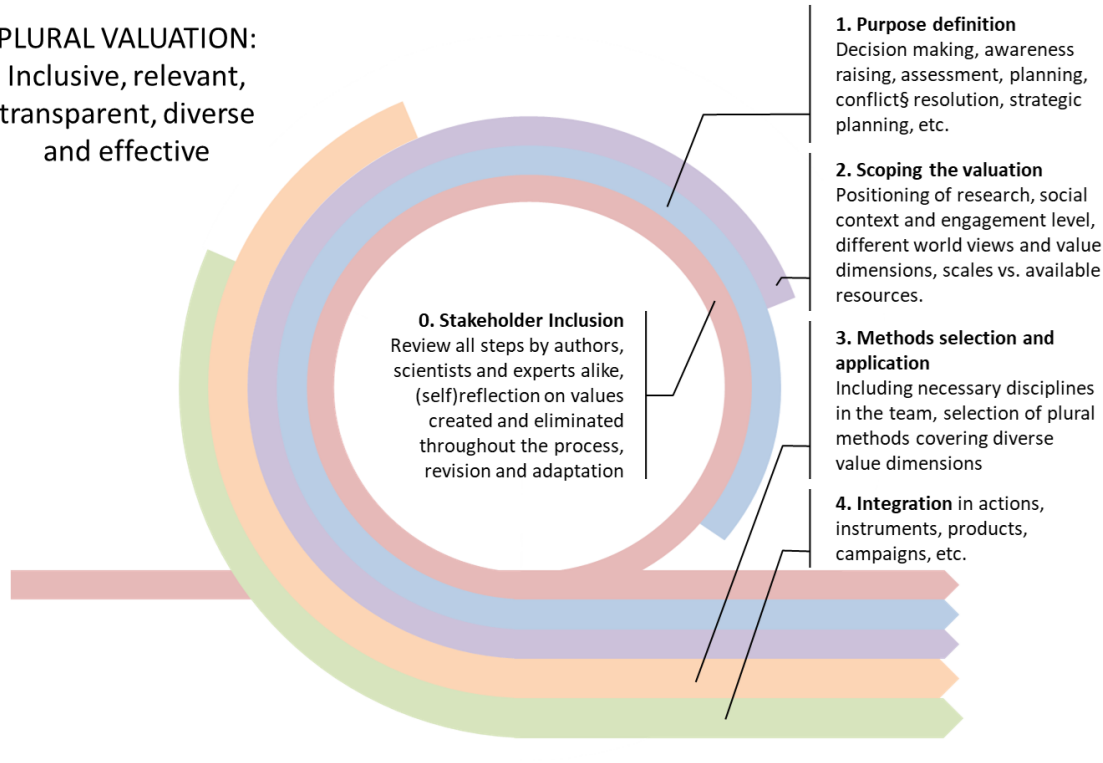
Who is represented?

Valuation of Nature for NBS?

Relevant + Effective + Feasible + Diverse + Inclusive + Transparent + Robust = “PLURAL VALUATION”



PLURAL VALUATION:
Inclusive, relevant,
transparent, diverse
and effective



PLURAL VALUATION

Valuation = process

5 Steps

Beyond technical

Multiple methods

Different disciplines

Feasible IRL

Jacobs, Sander, Noelia Zafra-Calvo, David Gonzalez-Jimenez, Louise Guibrunet, Karina Benessaiah, Augustin Berghöfer, Juliana Chaves-Chaparro, et al. 'Use Your Power for Good: Plural Valuation of Nature – the Oaxaca Statement'. Global Sustainability 3 (2020): e8. <https://doi.org/10.1017/sus.2020.2>.

IPBES Methodological assessment regarding the diverse conceptualization of multiple values of nature and its benefits, including biodiversity and ecosystem functions and services "IPBES VALUES ASSESSMENT" => upcoming July 2022

VALUES



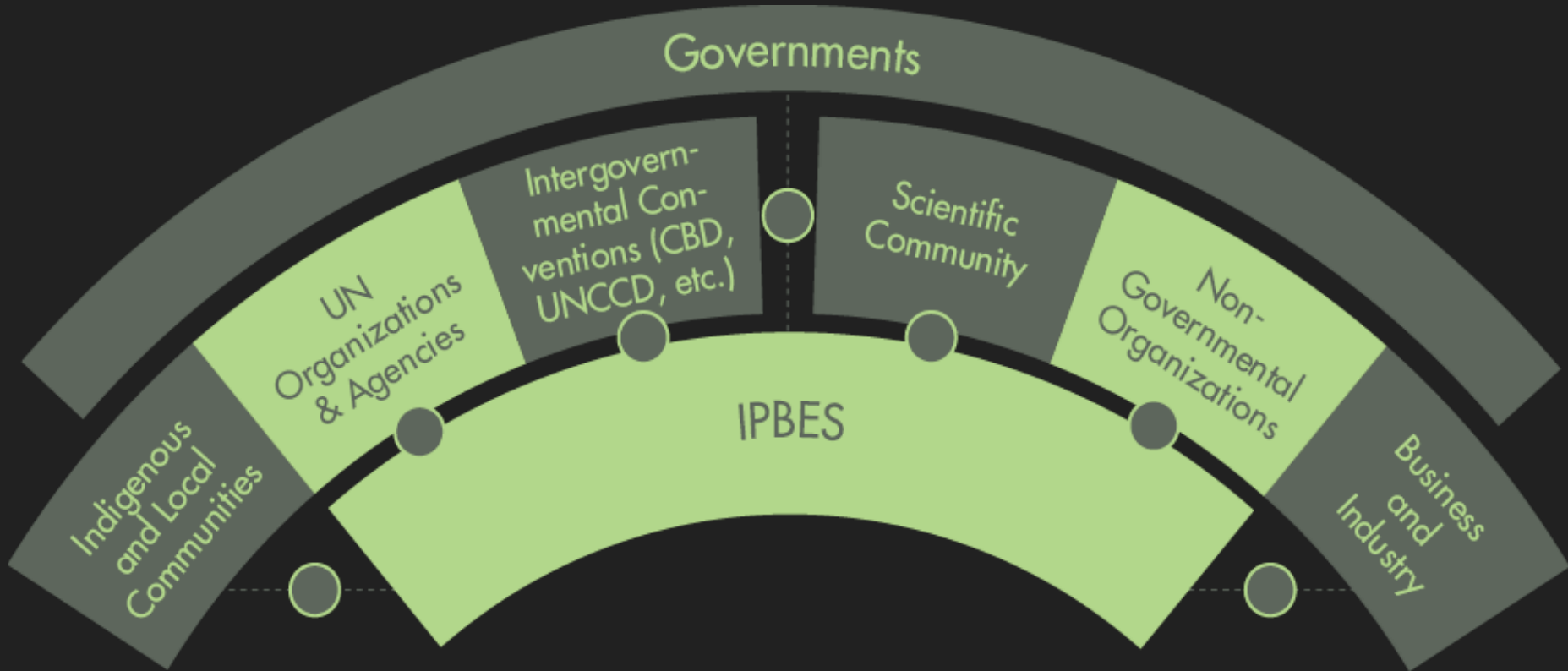
frabz.c

VALUES EVERYWHERE

MEMEGENERATOR.NET

2. Why transformation ?

“Intergovernmental science-policy platform on biodiversity and ecosystem services”





The regional assessment report on
**BIODIVERSITY AND
ECOSYSTEM SERVICES
FOR THE AMERICAS**



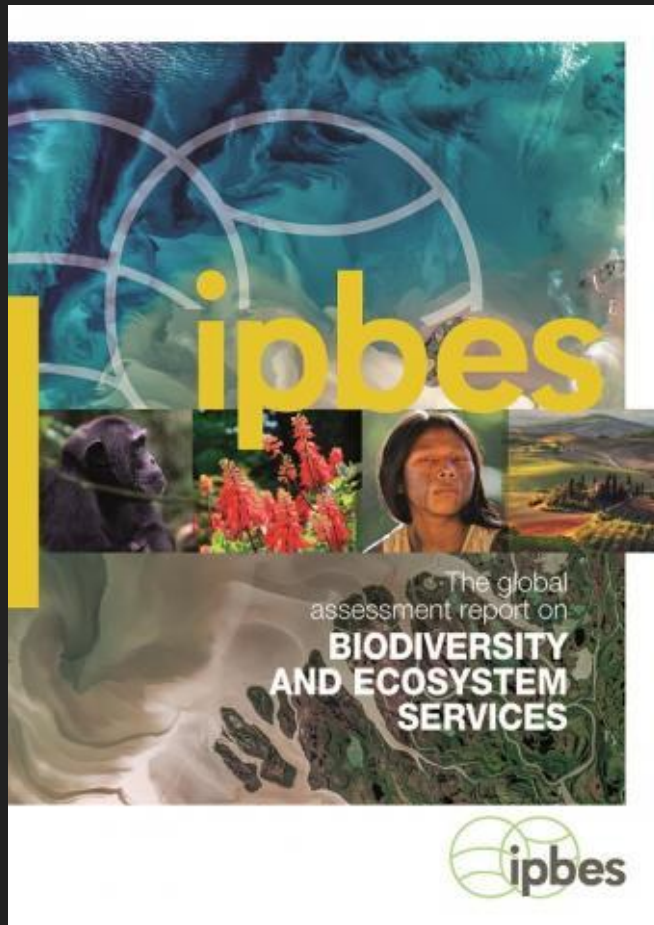
The regional assessment report on
**BIODIVERSITY AND
ECOSYSTEM SERVICES
FOR EUROPE AND
CENTRAL ASIA**



The regional assessment report on
**BIODIVERSITY AND
ECOSYSTEM SERVICES
FOR AFRICA**

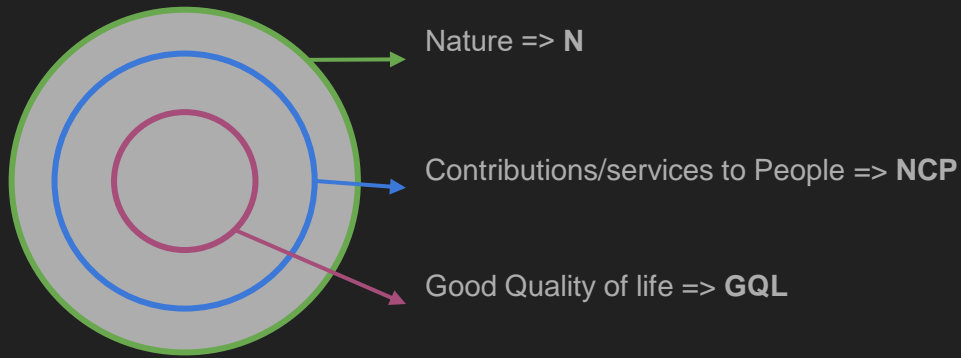


The regional assessment report on
**BIODIVERSITY AND
ECOSYSTEM SERVICES
FOR ASIA AND
THE PACIFIC**



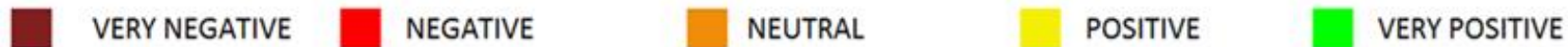
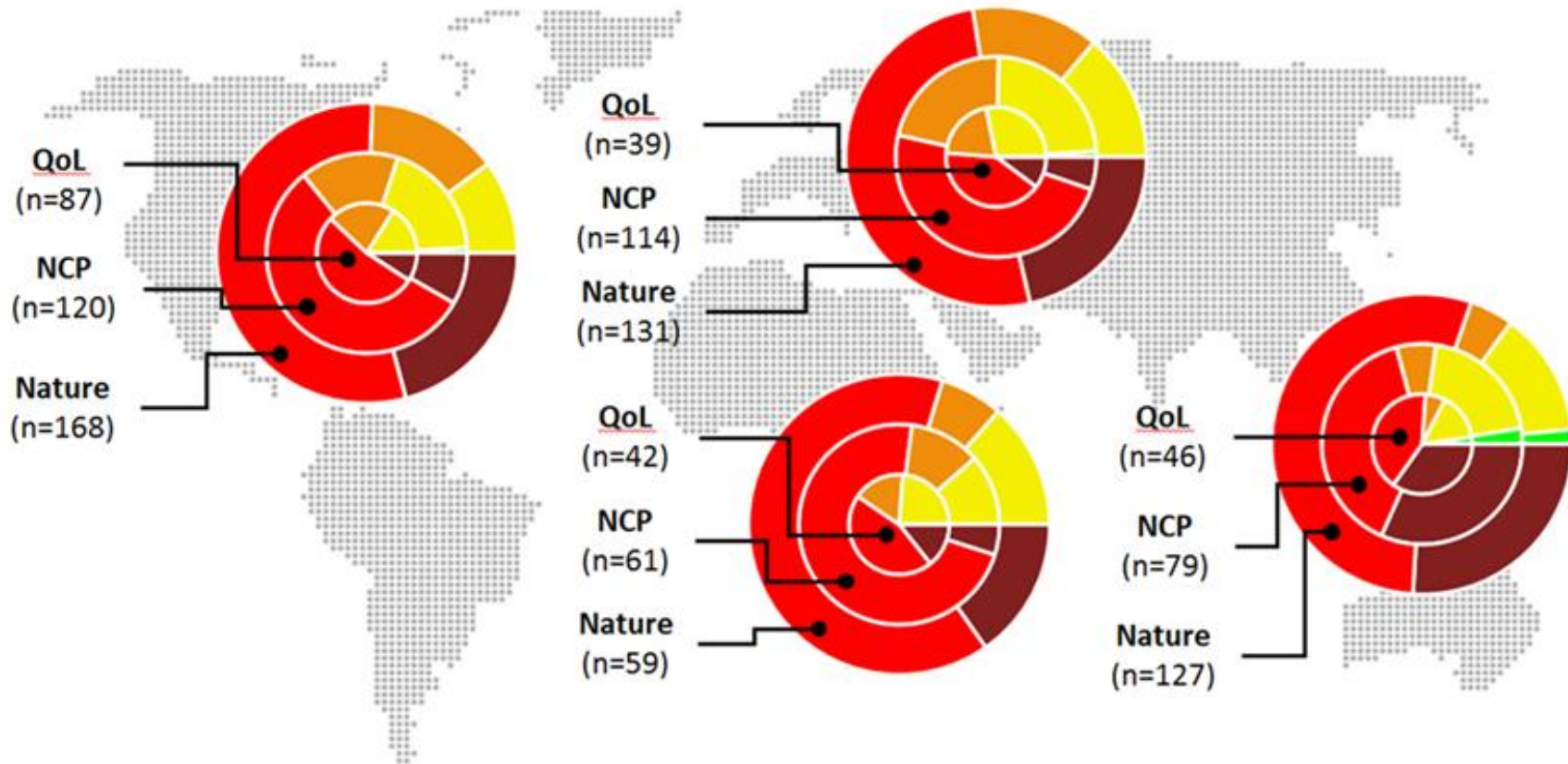


WINTER IS COMING...



Based on a quantitative content analysis of **all validated policy statements** about state or trends of nature in the four regional IPBES assessments

STATE



TREND

DISAGGREGATED

TOTALS

PEOPLE
Quality of Life

QoL in general (n=40)

Individual QoL (n=37)

Societal QoL (n=38)

Cultural QoL (n=20)

CONTRIBUTIONS
Ecosystem services

NCP in general (n=110)

Material NCP (n=106)

Non-material NCP (n=31)

Regulation NCP (n=113)

Options NCP (n=14)

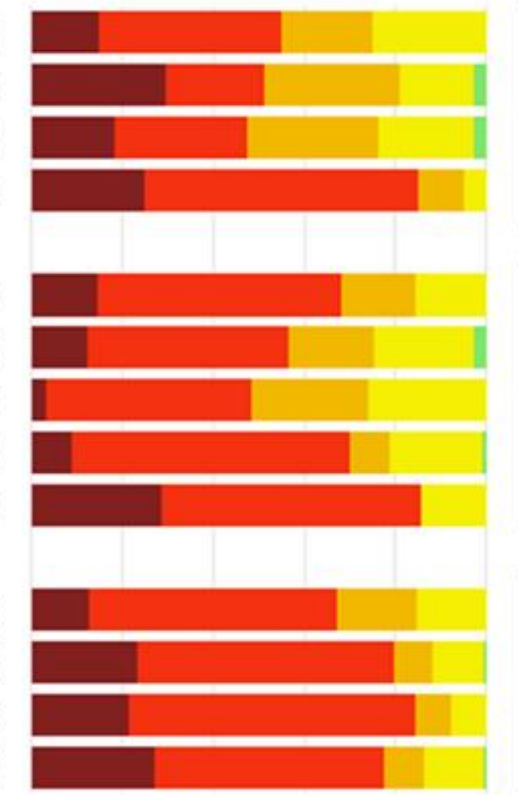
NATURE
Biodiversity

Nature in general (n=119)

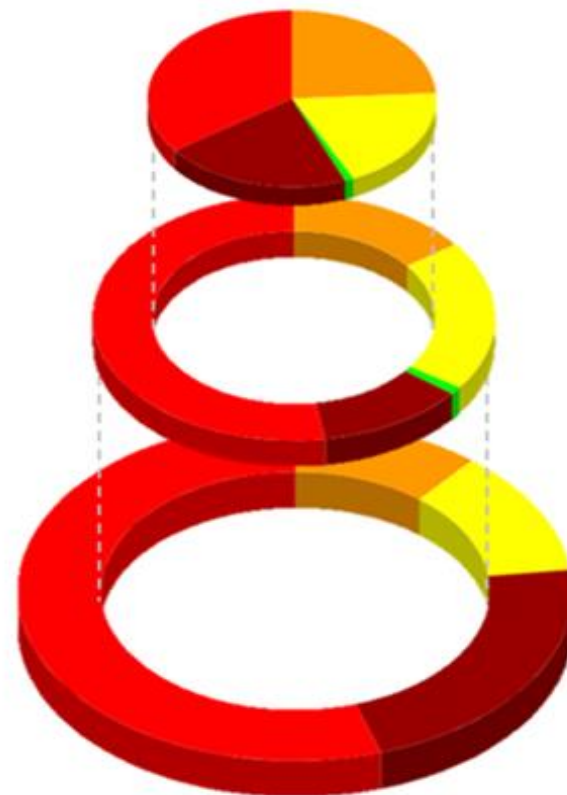
Biodiversity (n=168)

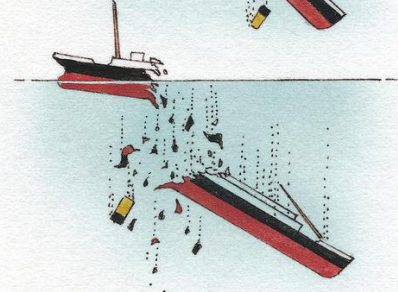
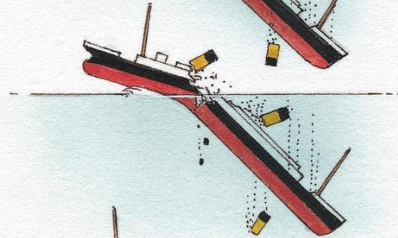
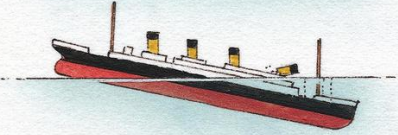
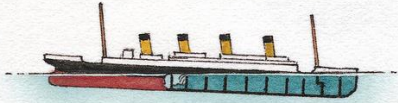
Biophys. processes (n=51)

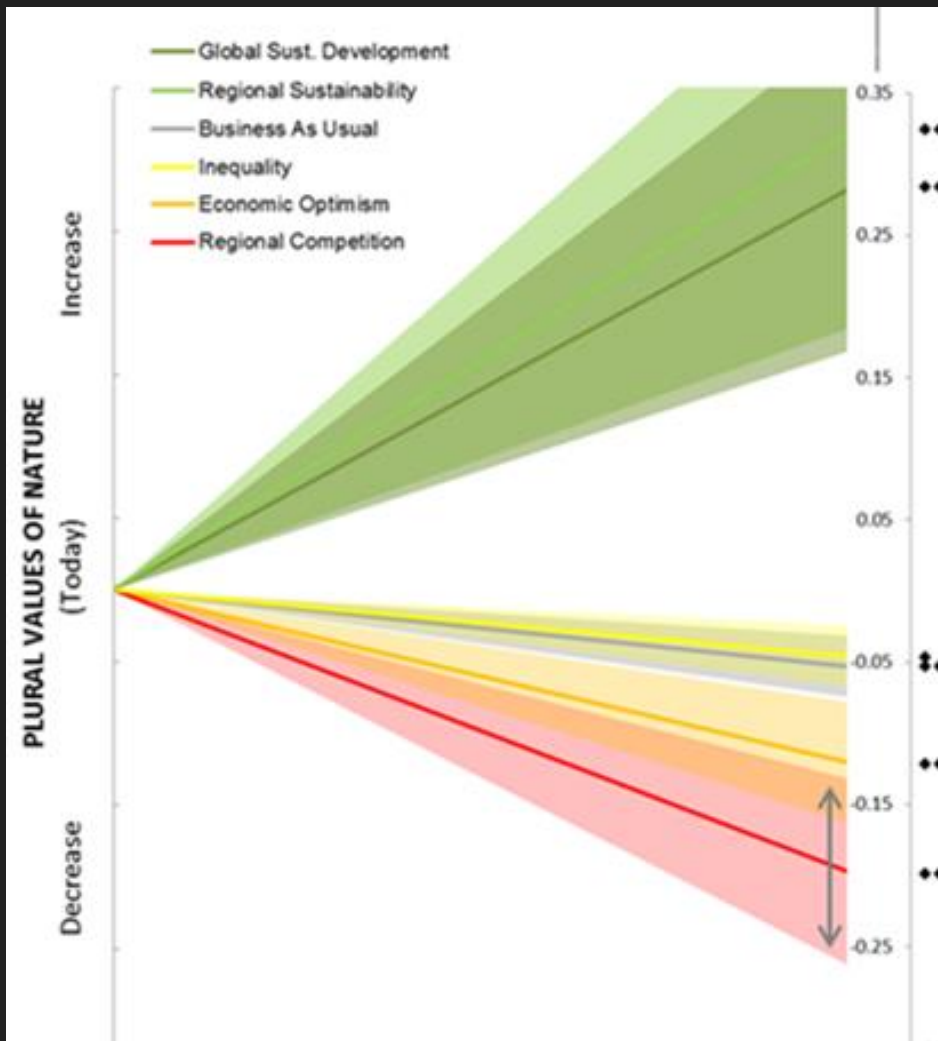
Biophys. assemblages (n=147)



0% 20% 40% 60% 80% 100%





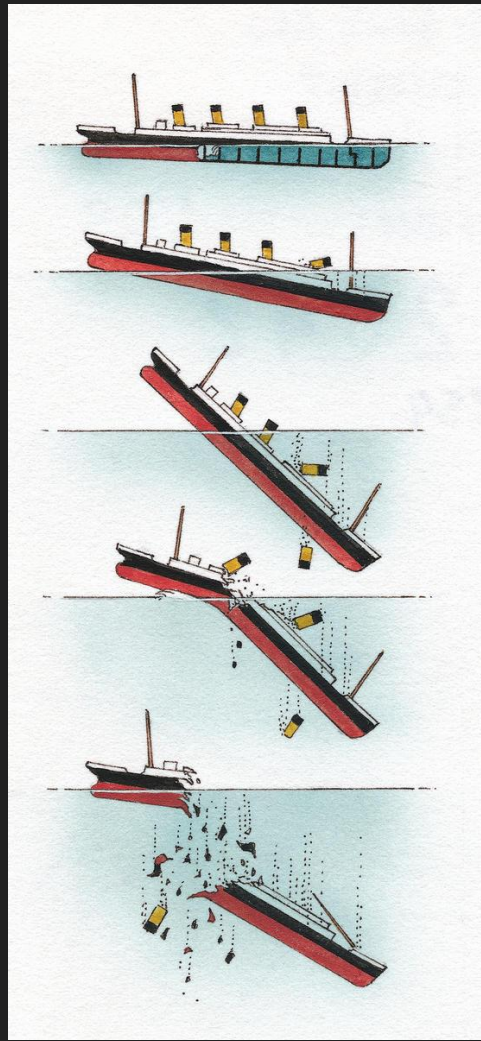
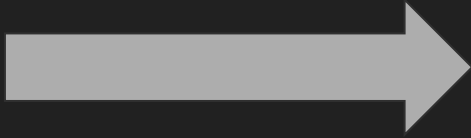


That's why IPBES says “Transformation!”

“A fundamental, system-wide reorganization across technological, economic and social factors, including paradigms, goals and values”



3. Fair Nature !



How fair are Nature Based Solutions?

NBS to continue the concert / to run for the lifeboats / to pump out the hull?

Nature Based Solutions: for whose problems?

Who gets benefits - Qui Bono *versus* scenario's inequity / regional competition?

Who feels Nature Based Problems?

Fair Nature: socio-political proofing of NBS

- EU Horizon research projects: Research => Principles => Standards for: **Justice, Governance and Power** aspects of NBS
- INBO **Urban Ecology** Research Programme - three pillars:
 - **Defining quality of Urban Nature,**
 - **Advising on economic and public policies,**
 - **Developing inclusive and effective governance models**

IEDEREEN GENKT



**BIG THANKS TO
FRONTRUNNERS**

**Who are making Fair Nature one
participatory project at the time...**

