

Nature Based Governance: Reconfiguration for Eco-Social Recovery

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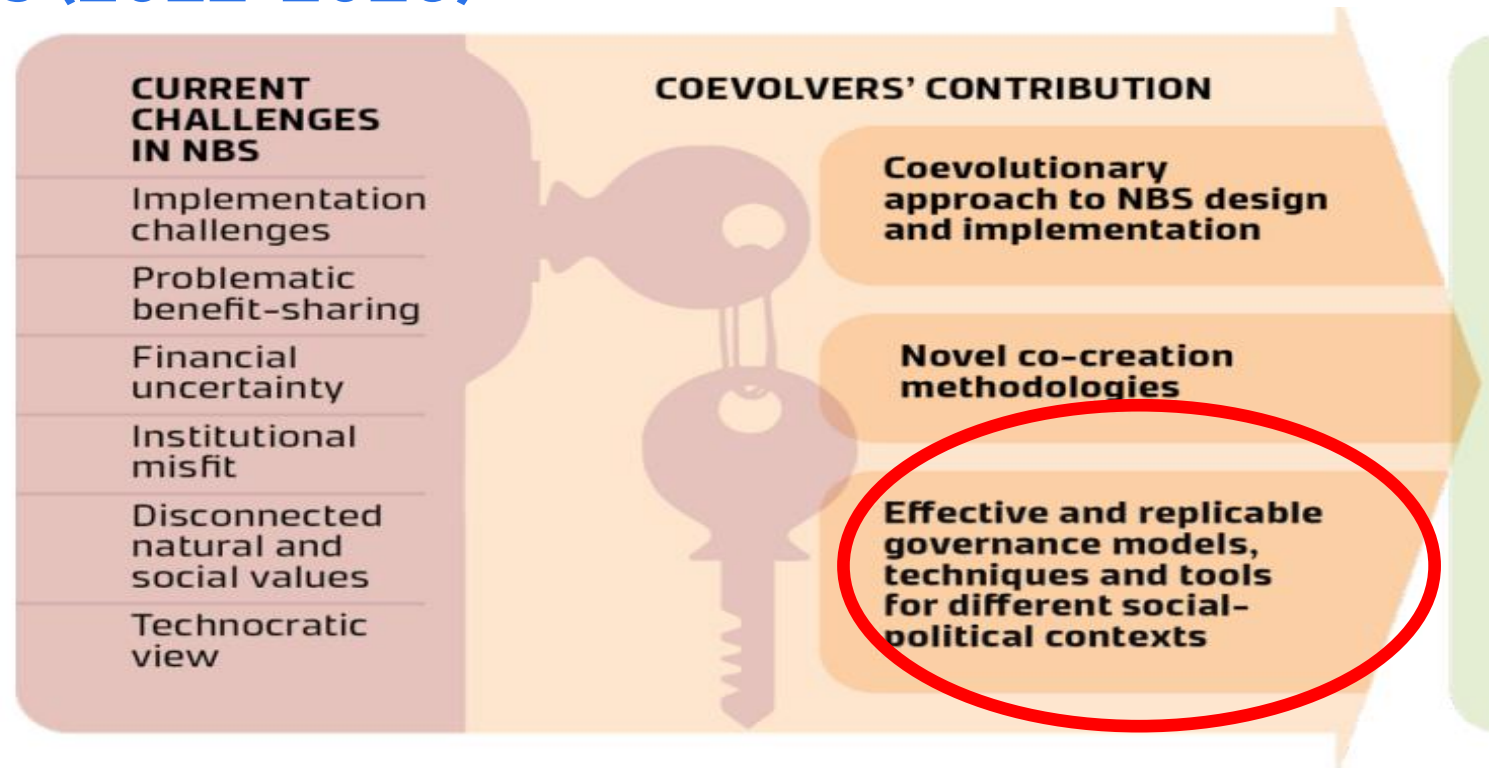


**Biodiversity loss
continuously reduces
nature's capacity to
contribute to human
well-being (IPBES).**

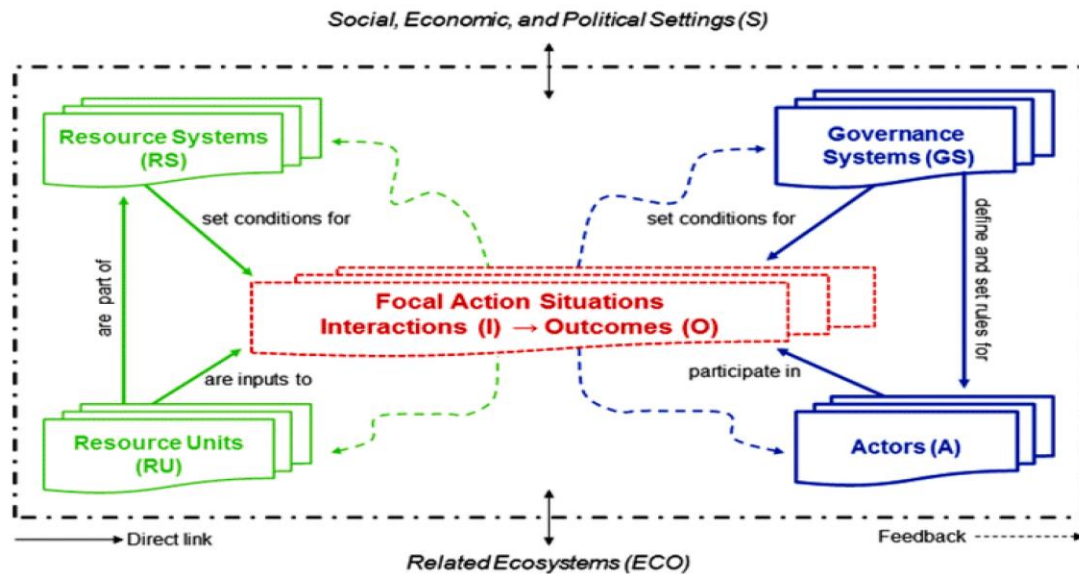


Co-evolutionary approach to **UNLOCK** the transformative potential of nature-based solutions for more inclusive and resilient communities (2022-2026)

How to contribute to the societal change needed to address the ongoing biodiversity and climate crisis?



Nature Based Governance

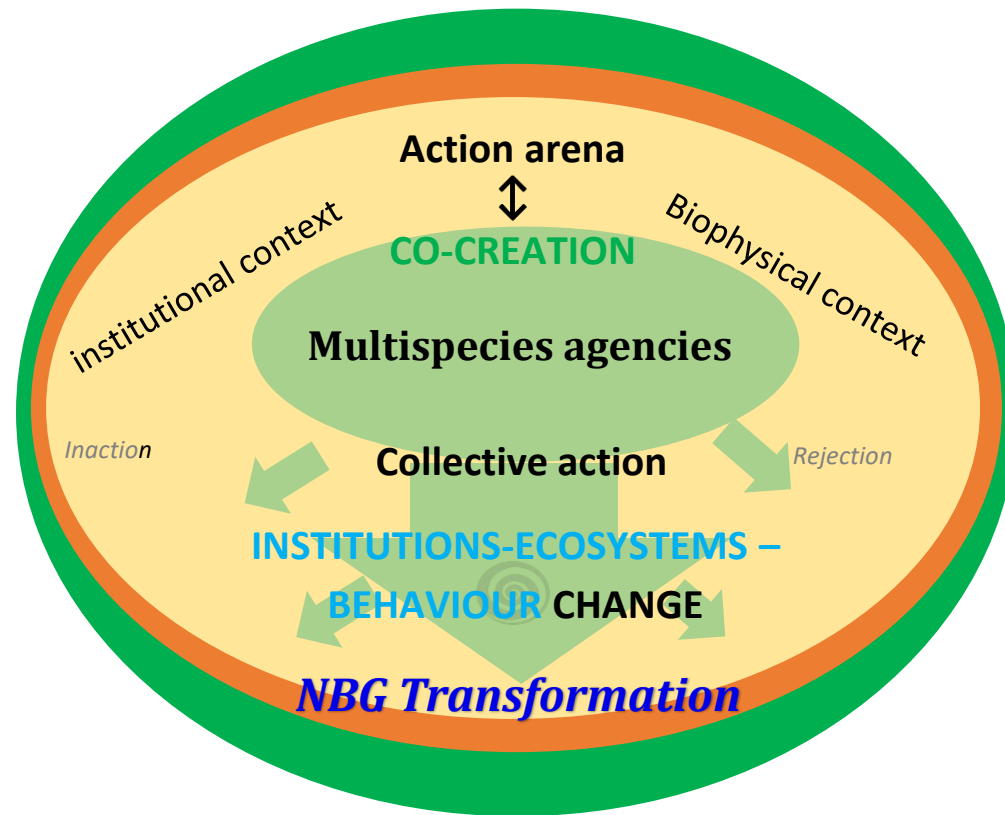


› *Ostrom (2009-10), Mc. Ginnis, Ostrom 2014*

C.S. Holling- E. Ostrom 1972- 2012

Nature Based Governance Reconfiguration

NBG as decision arena where multispecies' actions, diversity of values and perspectives are systematically addressed and **recognised**.



Adopted from Ostrom, 2010 D.4.1.

Reconfiguration: **purposeful action to** bridge anthropocentric and eco-centric dualism into a perspective of **contingent eco-social nature of multispecies society**.

(project COEVOLVERS: e.g. Herrmann-Pillath, C, 2024, Kluvankova et al, 2024, Sarkii, forthcoming).

Reconfiguring

- 1) **Ecosystem structures and processes**
- 2) **Multispecies behaviour**
- 3) **Institutions**



Tools for NBG reconfiguration



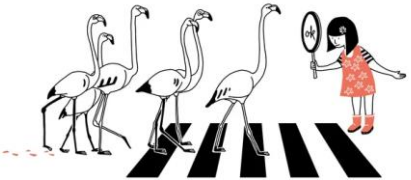
Nature Based Governance in 7 Leaving Labs



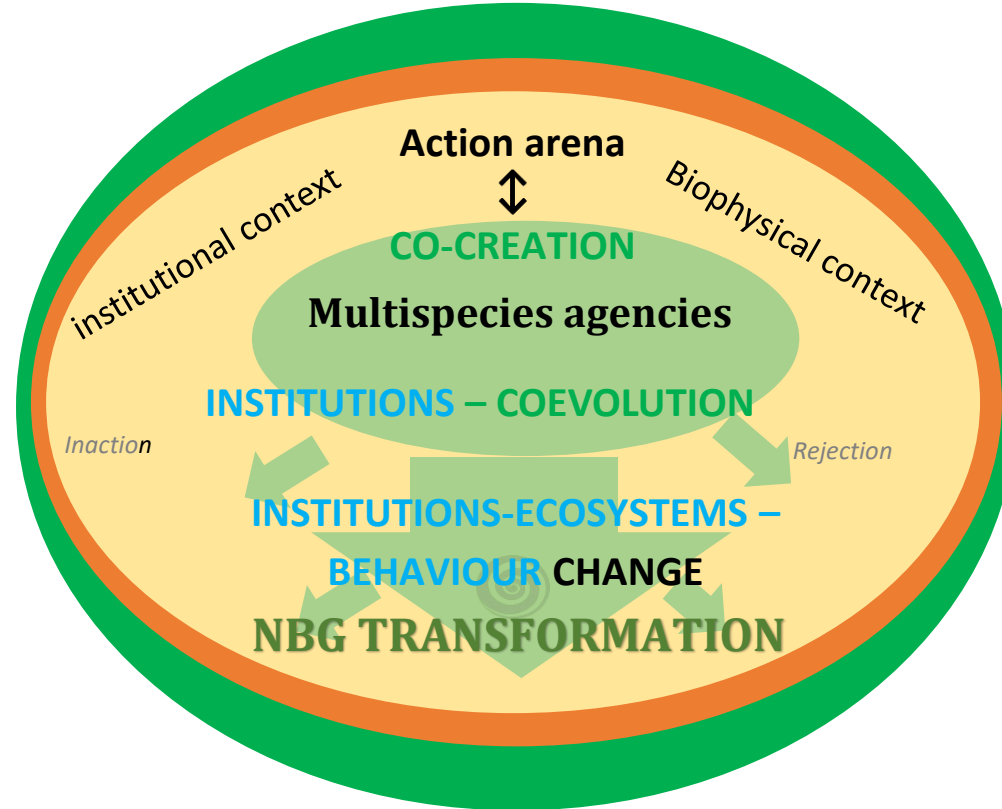
Model of cross border climate
smart virtual commons



Model of Wildfire eaters
network



Model of urban bio-diversity
community



Model of Multispecies urban
community



Model of Collaborative –healing
garden



Multispecies woodland
network



Model of urban Eco-social
recovery



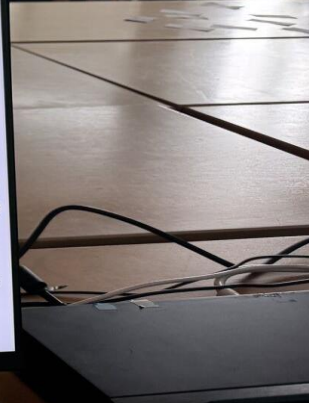
Nature letter



o compensation



Joli cards for non human



Ecopoly: eco-semiotic experimenting and collective learning

Role board game: repeated interaction & learning, Janseen, Anderies, 2011 Castillo et al. 2011, Zomer et al. 2012, 2018.

Multi-species (arena) deliberation to reconfigure governance practices and to co-create Nature Based Governance (NBG):

➤ Human and non-human agency

(bundle of rights: access, withdrawal, management – (Schlager, Ostrom, 1992), ecosystem services governing– (Herrmann-Pillath et al., 2023, 2024)

VARIABLES

- Uncertainty and vulnerability cards - nature as variable of change
- Joli cards for Non Humans as governance agency
- Natural ecosystem regeneration
- Human based restoration
- Social rules
- Communication

Beskydy LL

Water use ⚡ climate risk



MULTISPECIES JUSTICE IN WATER SHARING RECOGNISED

Cagliari LL

Biodiversity ⚡ saline



SYMBIOTIC RELATIONSHIP
FLAMENCO+ ARTEMIA SALINA

Example: LL Beskydy



climate smart common pool resource cross border regime with the support of digital platform (virtual commons)

Nature letter



Ecopoly (Role Board Game)



Storytelling

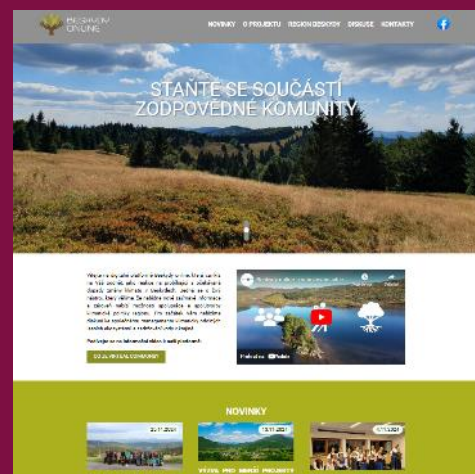


Virtual nature tool



VNT DEMO short - LL Beskydy

Beskydyonline.eu Virtual commons



Education



SKI RECREATION AND WATER RETENTION



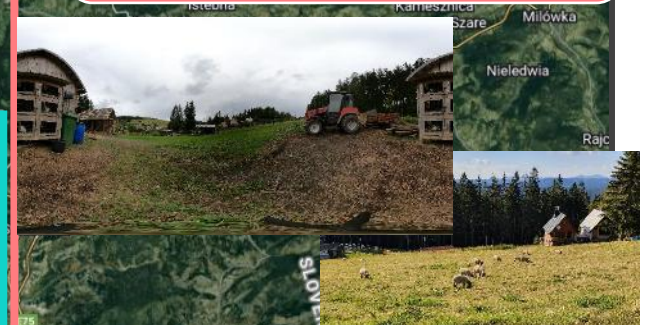
We try to return water in the landscape and create new habitats for multiple local species.

CO-EVOLUTION OF NATURE AND CULTURE



All my life I have been trying to find a balance between developing and preserving our identity.

ECO-AGRO



Our focus is on non-human well-being and organic farming and motivating farmers

FOREST ACROSS THE BORDER



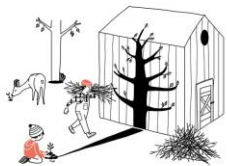
We support local cross-border communities with common challenges

FOREST AS A LIVING ORGANISM

Every place has its own charm. For example, I am obsessed with rumors from Horná Mariková



I seek and support ways to return water to nature, the way foresters have done for centuries.



Murray Park: Participatory mapping of umwelt and affordances - virtual commons

Word cloud
generated around
experience of the
woodland



Where to
hear birds

Animal observations



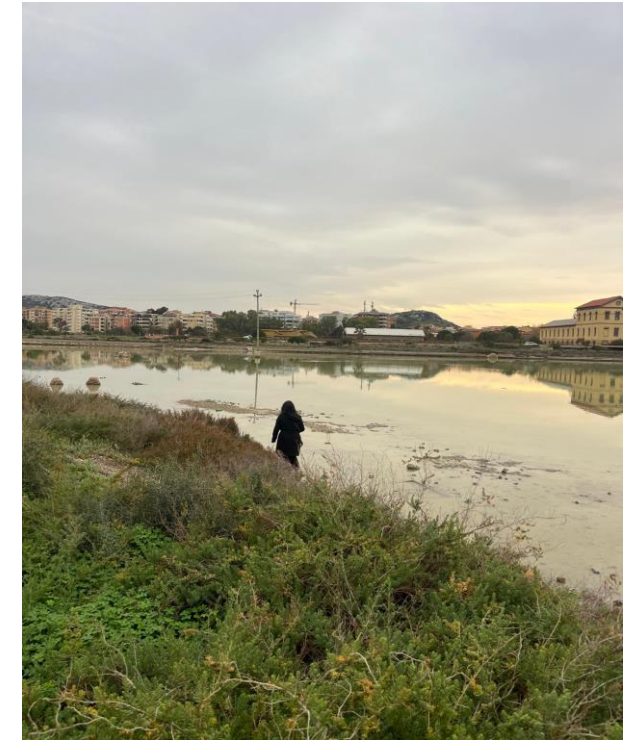
Areas of
importance for the
community in the
woodland

Mapping affordances

Cagliari LL



Mindfulness
practices
Affordance
mapping





Thank you
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