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The Biodiversity Advantage – an economic necessity

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# The PERSONAL Biodiversity Challenge



### Childhood

- Seasons with warm summer and cold winter building a snowman
- Children's birthday parties with plastic tableware
- Zoo-visits looking at lions, elephants and polar bears
- Car wash because of insects after highway trip
- No perceived natural catastrophes

Peaceful world with UNLIMITED RESOURCES

### Parenthood

- Destruction of forests + several century floods perceived climate change
- +5% average arctic air temperature rise past 100 years
- -40% polar bear population arctic sea last 20 years
- -44% bee colonies reduction in Germany since the 50's

What is noise, what is real?
Challenge: seeking facts & guidance

How can I contribute to change the situation for the better?

# The REAL Global Biodiversity Challenge





## Key facts – The THREAT

- Biodiversity the diversity of life
- 8 mn species on earth (excl. 2bn of bacteria)
- Roughly 80% of them still undiscovered
- +3% expected global air temperature rise
- 25% of species endangered of extinction
- Extinction rate 100x higher than historical base line 1850

Climate change and Biodiversity – a global THREAT

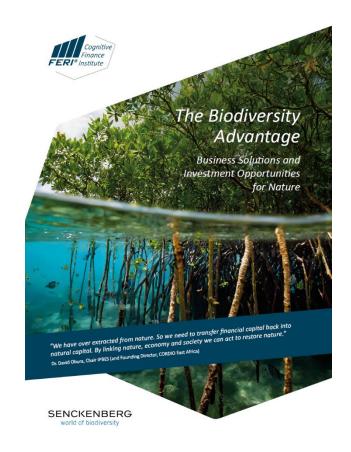
## The importance of biodiversity

- 75% of food crops depending on pollination
- 60% of global anthropogenic carbon emission sequestered my marine and terrestrial ecosystems
- 70% of cancer medicine derived/inspired by nature
- 50% of global human population depend on natural remedies

How to find the right approach addressing the climate AND biodiversity threat?

# The HOPE – The Biodiversity Advantage – an economic necessity!







The development of the concept "Ecosystem Services (ES)"



Trying to give value to biodiversity and to move away from a pure GDP approach



Questions, answers, frameworks, needs



The pioneering work of the 1st Global Asset Owner Meeting (GAOM)



A call to action

Thank you for your attention, support and answers!



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