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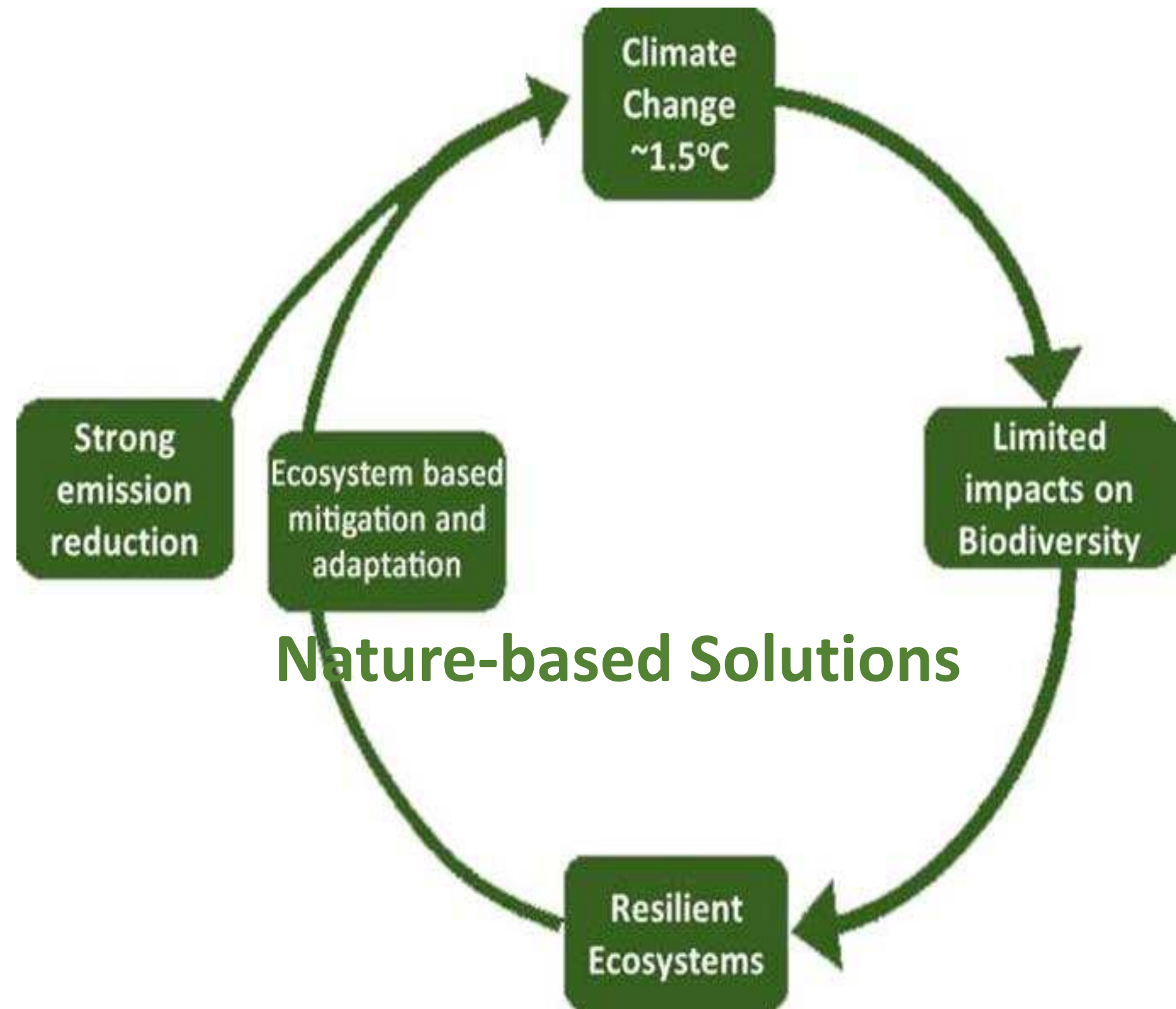
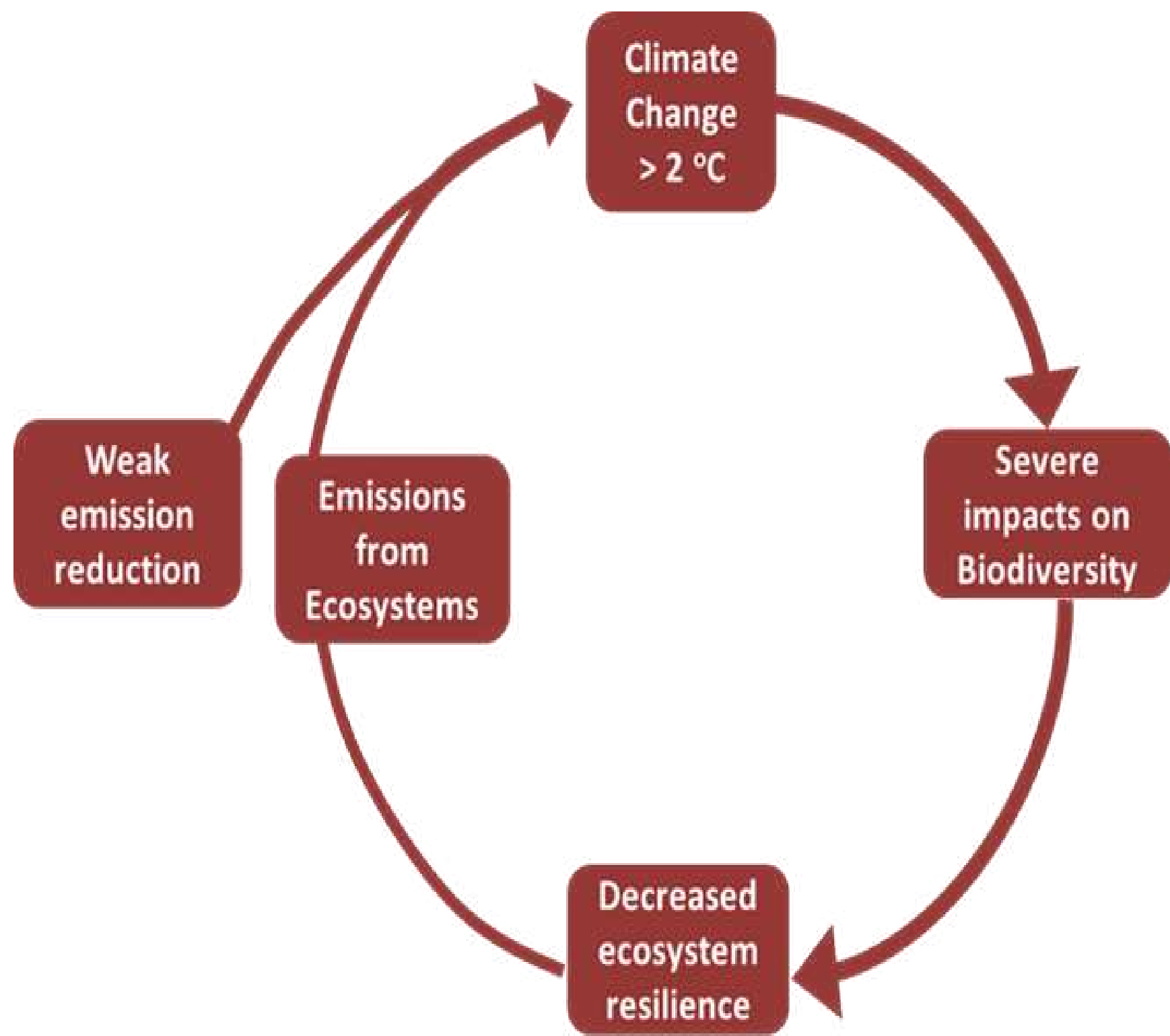
EUCDs COL01: Soluciones basadas en la naturaleza para la
adaptación al cambio climático en ciudades costeras y sistemas
insulares en Colombia

Nature-based Solutions EU context



Karin Zaunberger
European Commission
DG ENV





Nature-based solutions (NbS)

The term ‘NbS’ was first used in the early 2000s, but has since been widely adopted worldwide and included in relevant policy frameworks seeking to “promote synergies between nature, society and the economy” (Somarakis et al. 2019).

EU Horizon 2020 (2014-2020) EU-Brazil Sectoral Dialogue on NbS (2015-2019)

IUCN NbS Definition (Resolution WCC 2016)

UN World Water Development Report on NbS (2018)

Sharm El Sheik to Kunming Action Agenda (2018)

Climate Action Summit (2019) NbS Coalition co-led by China and New Zealand

IPBES Global Assessment, European Green Deal (2019)

EU Biodiversity Strategy for 2030 (2020)

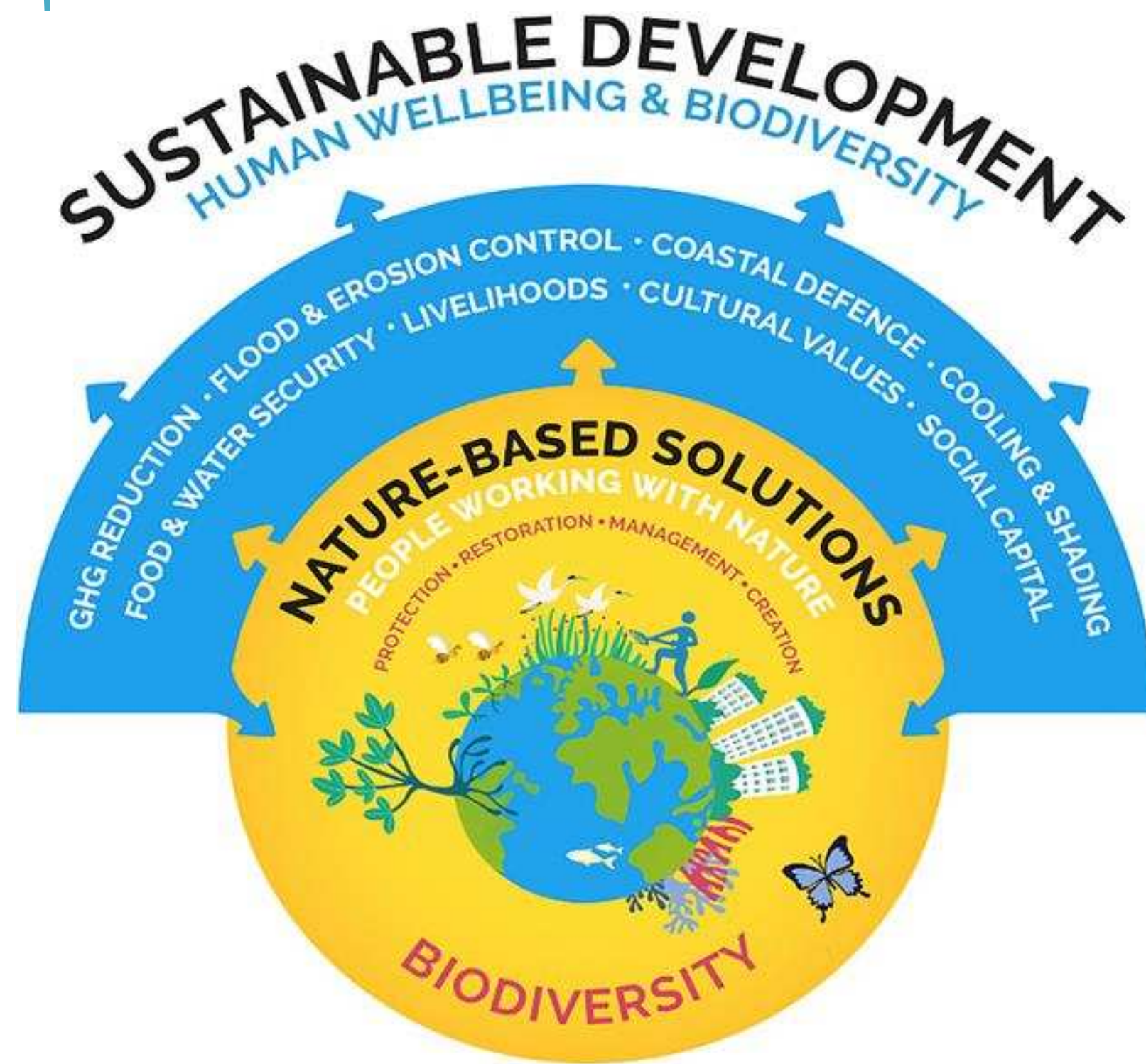
IUCN NbS Standard (2020)

ECCA21, EU Adaptation Strategy (2021), IPCC Special Reports and AR6

EU Horizon Europe (2021-2027), European Biodiversity Partnership *Biodiversa+*

UNEA Resolution 5/5 (2022) Increasing number of NDCs include NbS, COP26 events and pledges, COP15 Kunming Montreal Global Biodiversity Framework, COP27 ENACT Partnership, COP28 Joint Statement on Climate Nature and People ...

EU implementing the European Green Deal



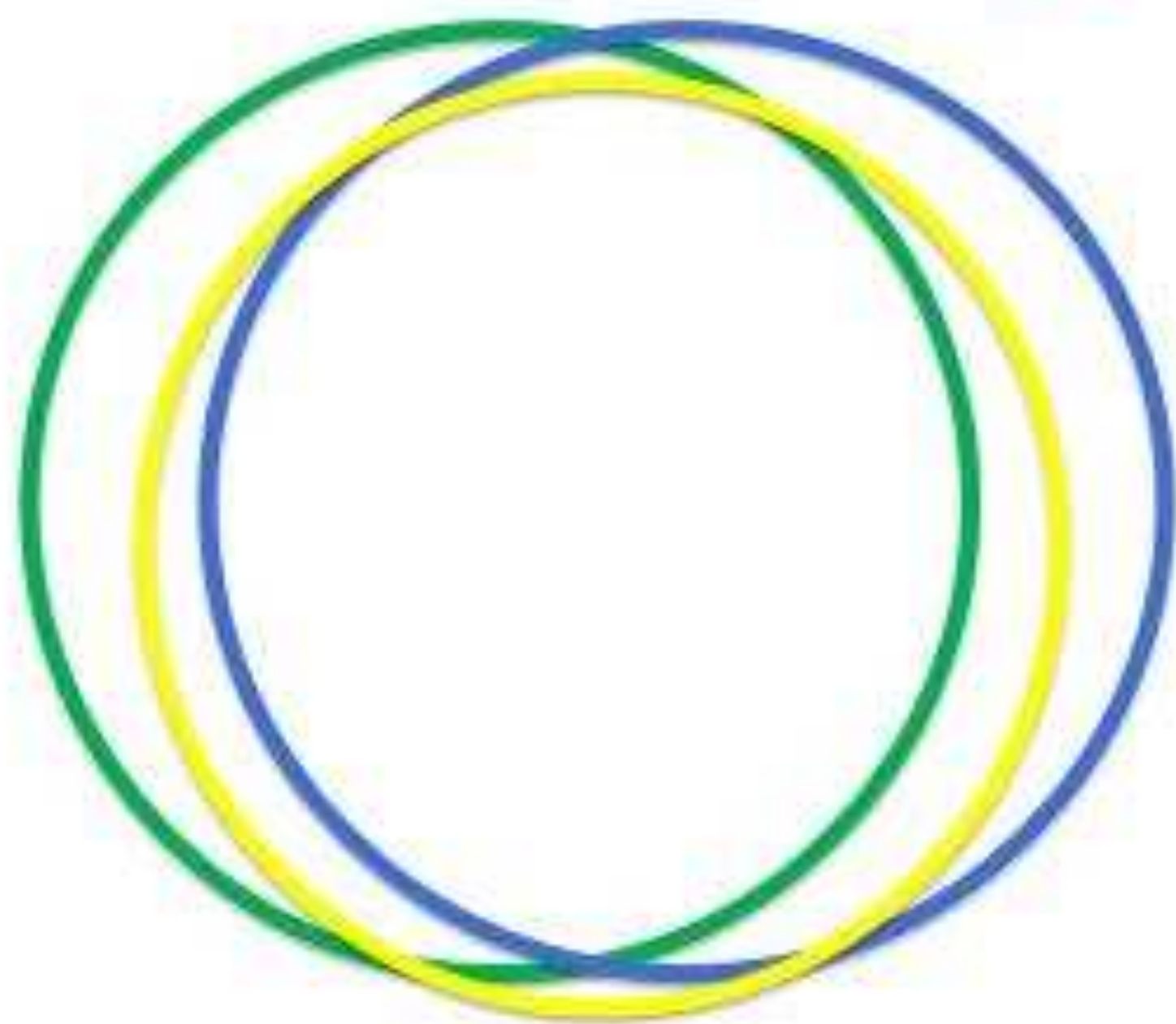
Multilaterally agreed definition included in UNEP/EA.5/Res.5 :

... nature-based solutions are actions to protect, conserve, restore, sustainably use and manage natural or modified terrestrial, freshwater, coastal and marine ecosystems, which address social, economic and environmental challenges effectively and adaptively, while simultaneously providing human well-being, ecosystem services and resilience and biodiversity benefits, ...

The Rosetta Stone

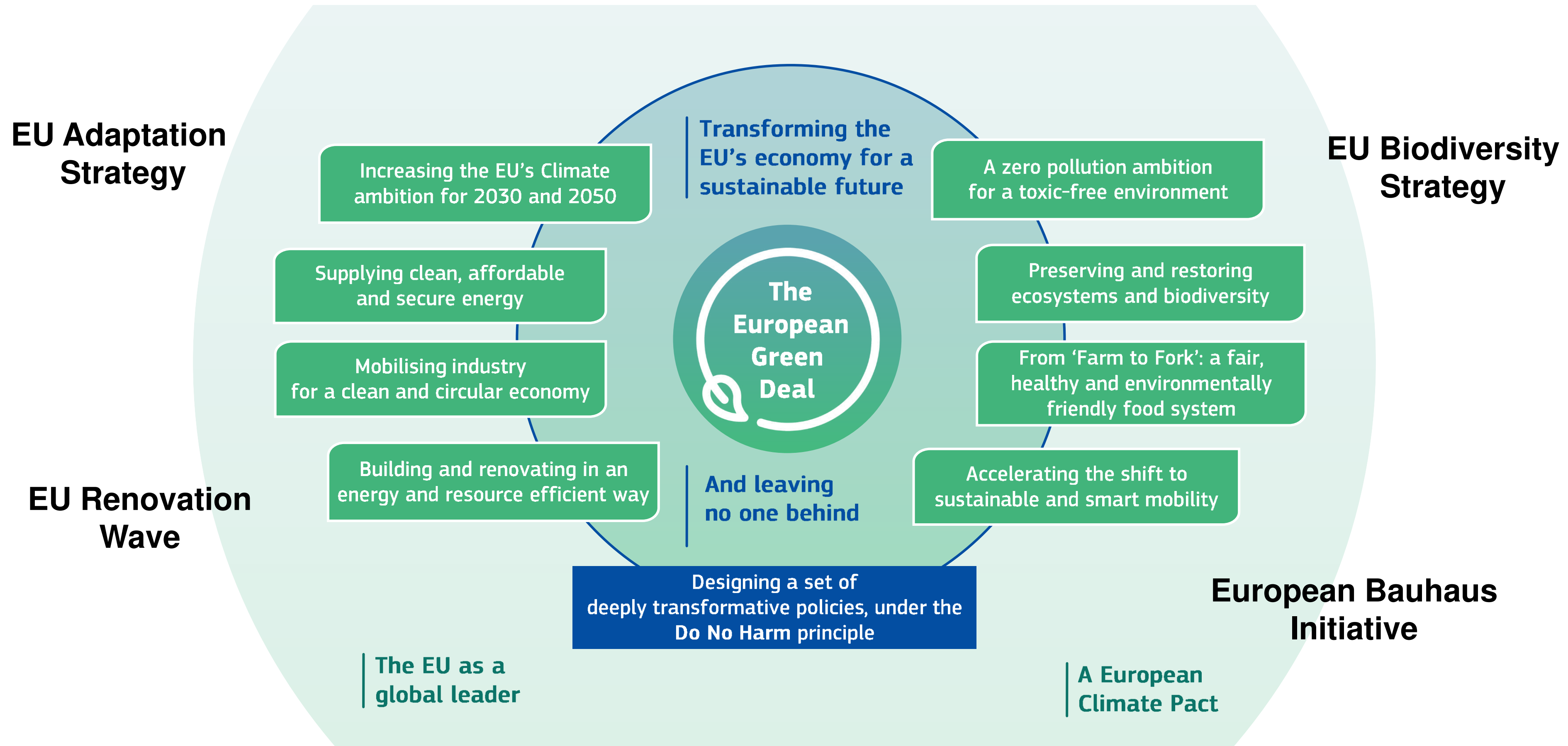
EBA – **NBS** – **GI**
eco-DRR – **NWRM**

...



working with nature for people

The European Green Deal



| EU Biodiversity Strategy for 2030



Protect Nature



Enable Transformative
Change



Restore Nature



EU For An Ambitious
Global Agenda



Specific restoration targets

**Protected
Habitat Types
(Annex I HD)**



**Habitats of
protected
species (BHD)**



**Marine
Habitats
(beyond HD)**



**Urban
ecosystems**



**River
connectivity**



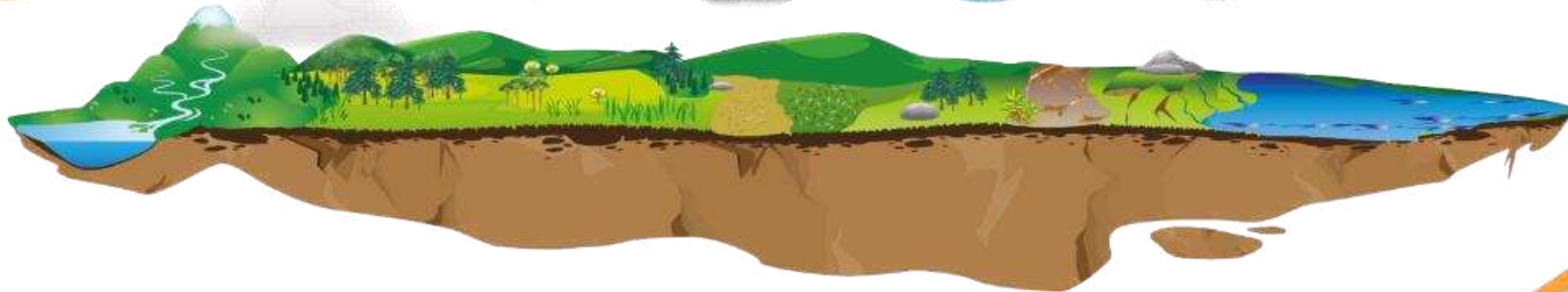
Pollinators



**Agro-
ecosystems**

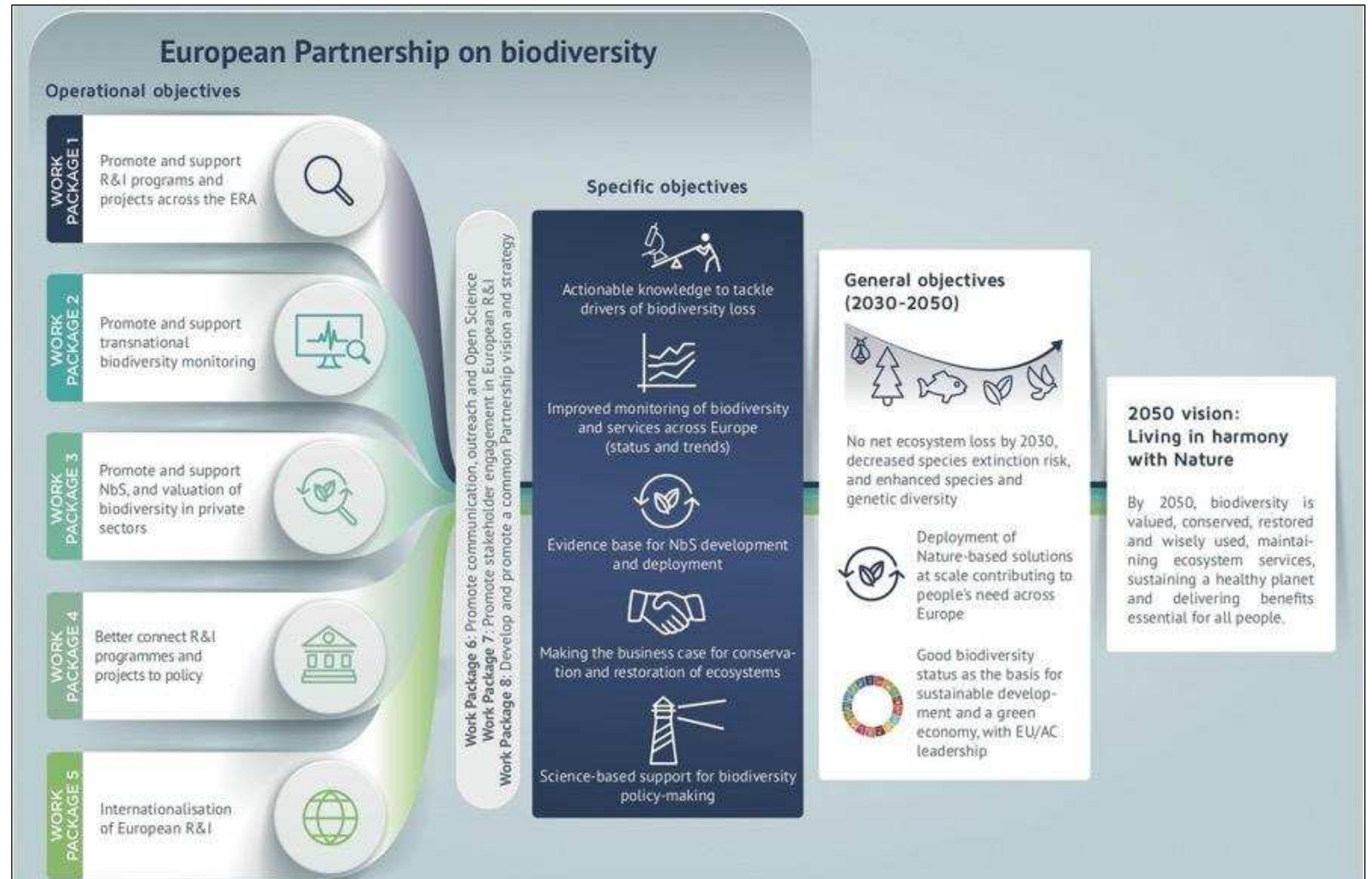


**Forest
ecosystems**



EU Biodiversity Strategy 2030:

“... making the bridge between science, policy & practice...”





Horizon 2020 & Horizon Europe PROJECTS: **46**

923 PARTNERS

66 COUNTRIES

EUR **441M**

NBS IN CITIES

CLIMATE AND WATER RESILIENCE

Connecting Nature Grow Green Urban GreenUP
UIMA Lab

INCLUSIVE URBAN REGENERATION

CLEVER Cities ProGIneq
EdiCityNet URBINAT

INTERNATIONAL RESTORATION AND REHABILITATION OF URBAN ECOSYSTEMS

EU-CHINA: CLEARING HOUSE EU-CELAC: CONEXUS
BEGREEN INTERLACE

IMPROVE WELL-BEING AND HEALTH

ELIPOLIS IN-HABIT
GO GREEN ROUTES VARCITIES

NEW NBS GOVERNANCE, BUSINESS, FINANCING MODELS AND ECONOMIC IMPACT ASSESSMENT TOOLS

NATURATION
NATURE4CITIES

WATER SECURITY

MULTISOURCE
NICE

CARBON NEUTRAL CITIES AND IMPROVED AIR QUALITY

DevAirCity Upsurge
JUSTNature

NBS BEYOND CITIES

HYDRO-METEOROLOGICAL RISK REDUCTION

OPERANDUM RECONNECT
PHUSICOS

ECONOMICS AND INSURANCE VALUE OF NBS

NAIAD Naturance
Invest4Nature

INTER-RELATIONS BETWEEN CLIMATE CHANGE, BIODIVERSITY AND ECOSYSTEM SERVICES

DRYvER MaCoBioS
FutureMARES PONDERFUL

NBS MULTI-STAKEHOLDER DIALOGUE PLATFORM

Think Nature
NetworkNature

PROTECTION AND RESTORATION OF ECOSYSTEMS

AMBER Natura-Connect
MERCES EcoAdvance
MERLIN MarinePlan
BEST-COAST Marine SARRES
SUPERB MSP4BIO
WaterLANDS

EUROPEAN BIODIVERSITY PARTNERSHIP - BIODIVERSA+

The partnership will promote and support design and implementation of NBS

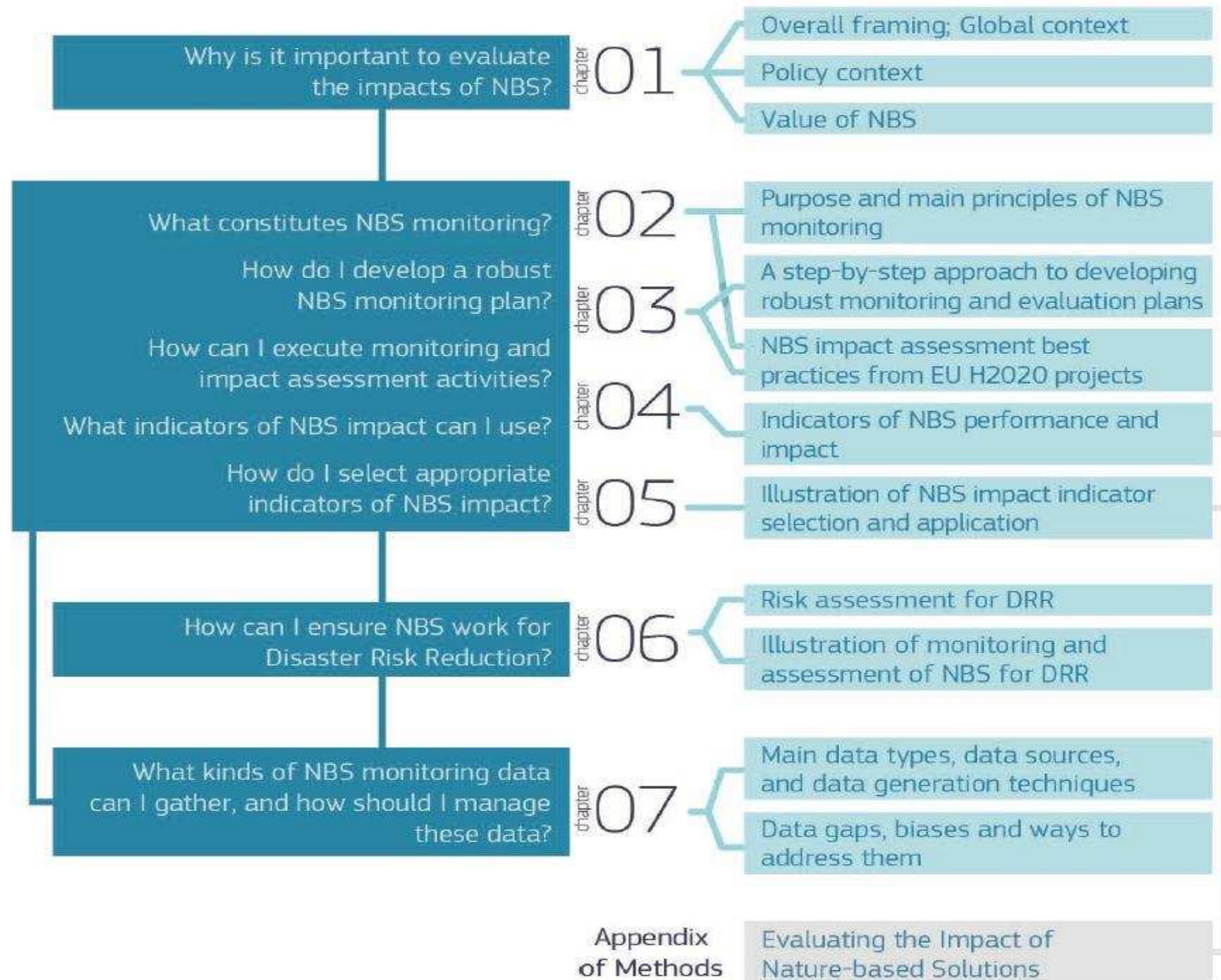
Would you like to find out more about nature-based solutions? [Visit our website](#)

NBS projects cluster in different thematic Task Forces to co-produce and communicate NBS relevant knowledge: Data Management and NBS Knowledge Repository, NBS Impact Evaluation Framework, Governance, Business Models and Financial Mechanisms, NBS Communication, Co-creation for NBS.

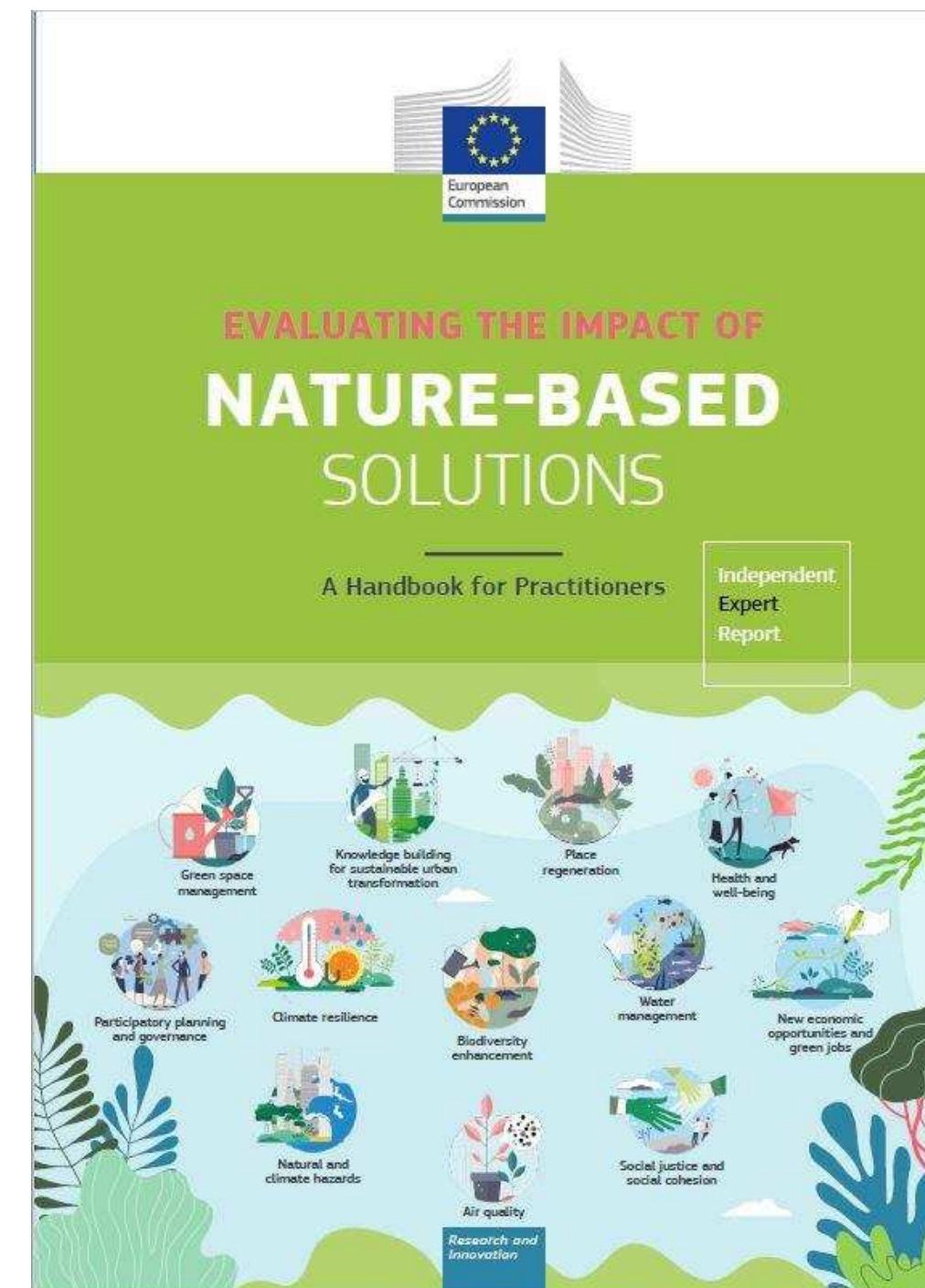
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European Research Executive Agency

NBS INDICATORS OF PERFORMANCE



[Evaluating the Impact of Nature-based Solutions: A Handbook for Practitioners & Appendix of Methods, + Summary for Policymakers](#)





Working with nature with people for nature and for people

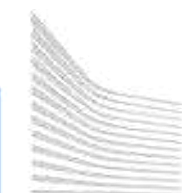
*Not an utopia
let's work together
to make this a
reality*

*For nature
For all of us*

More information

https://research-and-innovation.ec.europa.eu/research-area/environment/nature-based-solutions_en

<https://www.cbd.int/conferences/nairobi-2023/virtual-tables/publications>



European
Commission