



THE POST 2020

GLOBAL BIODIVERSITY FRAMEWORK

2030 ACTION TARGET 3
**PROTECT AND
CONSERVE
LAND AND SEA**

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Target 3. Ensure that at least 30 per cent globally of land areas and of sea areas, especially areas of particular importance for biodiversity and its contributions to people, are conserved through effectively and equitably managed, ecologically representative and well-connected systems of protected areas and other effective area-based conservation measures, and integrated into the wider landscapes and seascapes.

Objective:

In order to safeguard ecosystem diversity, reduce the rate and risk of extinction and improve species population abundance, as well as maintain and enhance many ecosystem services and nature’s contributions to people, protected area and other areas-based conservation measures (OECM) coverage needs to be expanded (the proposed target of 30% is supported by scientific studies¹³) with appropriate prioritization and improved management. However, the importance of focusing on biodiversity outcomes rather than spatial area has to be emphasized, since an increase in coverage alone will not be sufficient¹⁴. In addition to the coverage and location of protected areas and OECMs, attention also needs to be given to their management effectiveness.

Component:

Indicators (Headline in bold)

Area protected and conserved - A geographically defined area, which is designated or regulated and managed to achieve specific conservation objectives¹⁵.

3.0.1 Coverage of Protected areas and OECMs (by effectiveness)

Areas of particular importance for biodiversity protected and conserved – Includes, for example, Key Biodiversity Areas (sites that contribute significantly to the global persistence of biodiversity).

3.2.1 Protected area coverage of key biodiversity areas (SDG 14.5.1 and 15.1.2)

Effective management and equitable governance of the systems of protected areas and other area-based conservation measures - Effective management requires adopting appropriate management objectives and governance systems, adequate and appropriate resourcing and the timely implementation of appropriate management strategies and processes¹⁶ (the IUCN Framework for Assessing Management Effectiveness of Protected Areas provides a consistent basis for evaluating effectiveness). Equitable management refers to ensuring effective participation in decision-making, transparent procedures, access to justice in conflicting situations, and the recognition of the rights and diversity of local people¹⁷.

3.3.1 Protected Area Management Effectiveness (PAME) (Protected Planet)

Connectivity within the system of protected areas and other effective area-based conservation measures - Connectivity (i.e. ecological connectivity) is the unimpeded movement of species and the flow of natural processes that sustain life on Earth. It may thus also refer to continuous ecosystems often connected through ecological corridors.

3.4.1 Species Protection Index (GEOBON)

Further explanation of target elements

Ecologically representative protected areas - To safeguard biodiversity, it would be necessary to protect areas, which are representative of the various ecosystems found on the planet. The IUCN Global Ecosystem Typology 2.0¹⁸ provides an overview of the diversity of ecosystems and can be used as a tool to ensure that representativeness has been protected. **Other effective area-based conservation measures (OECMs)** - A geographically defined area other than a protected area, which is governed and managed in ways that achieve positive and sustained long-term outcomes for the in-situ conservation of biodiversity, with associated ecosystem functions and services and where applicable, cultural, spiritual, socio-economic, and other locally relevant values¹⁹.

Wider landscapes and seascapes - The landscape/seascape level usually combines several ecosystems (agricultural, inland waters, coastal, forest, etc.) and planning at that scale can support decision-making with regard to trade-offs between different elements of sustainability, while taking into account the effects (actual or potential) of management activities on adjacent ecosystems ²⁰ .
Linkages
Objectives of the CBD – conservation of biological diversity
Drivers of biodiversity loss – land/sea use change, direct exploitation, climate change
GBF targets Reducing threats to biodiversity – T1 spatial planning, T2 ecosystem restoration, T8 ecosystem-based approaches Meeting people’s needs – T10 managed/productive ecosystems, T11 nature’s contributions to people Tools and solutions – T20 traditional knowledge & education, T21 equitable participation and rights over resources
Sustainable Development Goals Goal 14: Conserve and sustainably use the oceans, seas and marine resources for sustainable development Goal 15: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss
GBO-5 pathways Sustainable freshwater transition, land and forests transition, sustainable fisheries and oceans transition, sustainable climate action transition, biodiversity-inclusive one health transition

[Click here to for more information on the First draft of the post-2020 global biodiversity framework](#)

¹³ Dinerstein, et al (2019), *Op. cit.*; Visconti et al (2019). Protected area targets post-2020. *Science*. 364. eaav6886. <https://doi.org/10.1126/science.aav6886>; IUCN (2016). Increasing marine protected area coverage for effective marine biodiversity conservation. https://portals.iucn.org/library/sites/library/files/resrecfiles/WCC_2016_RES_050_EN.pdf; O’Leary et al (2016) Effective Coverage Targets for Ocean Protection. *Conservation Letters*, 9: 398-404. <https://doi.org/10.1111/conl.12247>; Woodley et al (2019). A review of evidence for area-based conservation targets for the post-2020 global biodiversity framework. *PARKS*. 31-46. <https://doi.org/10.2305/IUCN.CH.2019.PARKS-25-2SW2.en>; Dinerstein et al (2020), A “Global Safety Net” to reverse biodiversity loss and stabilize Earth’s climate. *Science Advances* 6(36) eabb2824. <https://doi.org/10.1126/sciadv.abb2824>; Jones et al (2019). Area requirements to safeguard Earth’s marine species. *One Earth* <https://doi.org/10.1016/j.oneear.2020.01.010>; Hannah, et al (2020), 30% land conservation and climate action reduces tropical extinction risk by more than 50%. *Ecography*, 43: 943-953. <https://doi.org/10.1111/ecog.05166>.

¹⁴ Maxell et al (2020) Area-based conservation in the 21st century. *Nature*, volume 586, pages 217–227. <https://doi.org/10.1038/s41586-020-2773-z>; Pimm et al (2018) How to protect half of Earth to ensure it protects sufficient biodiversity. *Science Advances*. 4 (8). <https://doi.org/10.1126/sciadv.aat2616>

¹⁵ CBD. 2011. Protected areas and the CBD. <https://www.cbd.int/protected/pacbd/>

¹⁶ Hockings et al (2006). *Evaluating Effectiveness: A framework for assessing management effectiveness of protected areas*. 2nd edition. IUCN, Gland, Switzerland and Cambridge, UK. xiv + p. 105.

¹⁷ Zafra-Calvo et al (2019). Progress toward Equitably Managed Protected Areas in Aichi Target 11: A Global Survey. *BioScience*. 69 (3) 191–197. <https://doi.org/10.1093/biosci/biy143>

¹⁸ Keith et al (2020). *The IUCN Global Ecosystem Typology 2.0: Descriptive profiles for biomes and ecosystem functional groups*. Gland, Switzerland: IUCN.

¹⁹ CBD. Other Effective Area-based Conservation Measures (OECMs). https://www.cbd.int/protected/partnership/vilm/presentations/15_oecm_mackinnon.pdf

²⁰ UNEP/CBD/SBSTTA/15/13