5.3 People and nature beyond the boundaries of protected areas

5.3.1 Participatory management of natural resources

Community involvement in conservation strategies is important for tacking environmental challenges effectively. Inclusive- participatory processes embed the socio-economic needs of local communities within conservation goals. This promotes environmental stewardship and enhances resilience to negative pressures, like climate change and biodiversity loss.

Kigali, Rwanda, under the theme "For People and Nature". This at the local level. Adopting participatory monitoring is also a viable event sought to identify priority actions for Africa's protected strategy for filling gaps in biodiversity evidence and implementing areas characterised by fairness, equity, and justice. The Congress grassroots conservation strategies that involve local communities. concluded with the adoption of the Kigali Call to Action¹, which highlighted the essential roles of indigenous peoples and local total biodiversity data accessible through the Global Biodiversity communities, women, and youth in the delivery of conservation Information Facility (GBIF) and the proportion of data obtained goals. As the first pan-African meeting of conservation leaders through participatory monitoring⁴. Participatory monitoring is and experts, the Congress underscored that global conservation targets cannot be achieved without the active support and prevalence of participatory monitoring increased significantly participation of indigenous peoples and local communities.

depends on transparent decision-making processes. Those whose For protected areas with GBIF data (roughly 61% of all protected livelihoods are intricately linked to natural resources should be able areas globally), three-quarters of all data were from participatory to contribute to the governance and management of nature. Inclusive monitoring⁴. These trends suggest that national policies for and participatory natural resource management acknowledges the participatory monitoring, standardised biodiversity data collection, significance of nature to human well-being and the indispensable role and open data can influence the degree to which communities played by communities in preserving wildlife and biodiversity².



 \cdot \cdot Milka Chepkorir Kuto speaking at the opening of the Africa

"We, indigenous peoples and local communities, have had many experiences of conservation gone wrong: human rights violations, forced evictions, dispossession, displacement, and violence," said Milka Chepkorir Kuto, an anthropologist and representative of Indigenous Sengwer from Kenya. "At the same time, we know our world is facing a crisis – we are losing biodiversity at a frightening rate and the climate is changing, making our planet unliveable for us all. Unfortunately, the conservation response, adopted from colonial times, has been sustained and even refined with increased militarisation. These approaches have not only failed to offer a real solution to this crisis, but they have also caused untold harm and trauma to the very citizens which aovernments should look to as conservators'

The conservation leaders and experts attending the Africa Protected Areas Congress agreed on the importance of involving people in decision-making processes to address environmental inequalities. Ensuring such inclusive processes ought to harmonise conservation objectives with local socio-economic needs, fostering environmental stewardship and resilience against challenges like climate change and biodiversity loss. For this approach to work, participatory monitoring of biodiversity – through community-based monitoring or citizen science – must engage local communities and individuals to shift decision-making authority from centralised governments to local institutions³. Furthermore, participatory

In 2022, the 1st Africa Protected Areas Congress was held in monitoring is a vital tool for gathering detailed biodiversity data

This feature map shows a two-dimensional rendering of the ubiquitous throughout Africa, making up 90% of all records4. The between 2000 and 2020. During this period, 77% of the global The active participation of indigenous peoples and local communities biodiversity data added to GBIF was from participatory monitoring. participate in protected area monitoring and management.

Even though the ambitious Global Biodiversity Framework aims to protect 30% of lands and seas, it should not distract from efforts to manage remaining unprotected territories shared between people and nature⁵. The intact portions of these shared spaces already have considerable value for biodiversity, while restoration efforts can enhance the value of more heavily utilised human-dominated land- and seascapes. Harnessing the benefits of a shared earth will depend on multilevel and polycentric governance that incorporates local participation, spatial planning, and sustainable production. Therefore, the challenge for the upcoming decades is how to continue growing the participation of local communities in the monitoring, management, and governance of African territories, both inside and outside of protected areas.

Participatory mapping

A commonly used method in participatory monitoring and management of natural resources is participatory mapping. Participatory mapping merges cartography with community engagement to represent what local people and communities know. These maps highlight community perspectives on significant natural elements, like land boundaries, resource management practices, and sacred sites. Participatory mapping combines technologies - like GIS, GPS, and remote sensing - and community engagement to provide accurate data visualisation. Mobile apps and open-source software facilitate data collection and sharing. Participatory mapping empowers communities to assert their rights, manage resources sustainably, and influence land-use decisions.



... Participatory mapping in Oukaïmeden (Ait Lkak, Al Haouz),

Participatory mapping was used during a workshop on the cultural practices of conservation in the Municipality of Oukaïmeden" in the Atlas Mountains of Morocco. The workshop was organised as part of a project on the "Integrated Approach to Plant Conservation in the Moroccan High Atlas", funded by the MAVA Foundation and implemented by the Global Diversity Foundation and the Moroccan Biodiversity and Livelihoods Association. Community knowledge on cultural conservation practices and natural resource management was integrated as part of a geographical mapping process.

more than 165 000 km² of Namibia's territory. These areas included

46 registered community forests, 20 community fisheries, and 19

Source: The Namibian Association of Community Based Natural Resource Management (CBNRM) Support Organisations (NACSO) website: https://www.nacso.org.na/conservancies#statistics

concessions within national parks or on other state land.

roughly 245 000 residents, two community conservation associations,

Case study 1: Namibian Conservancies

Year

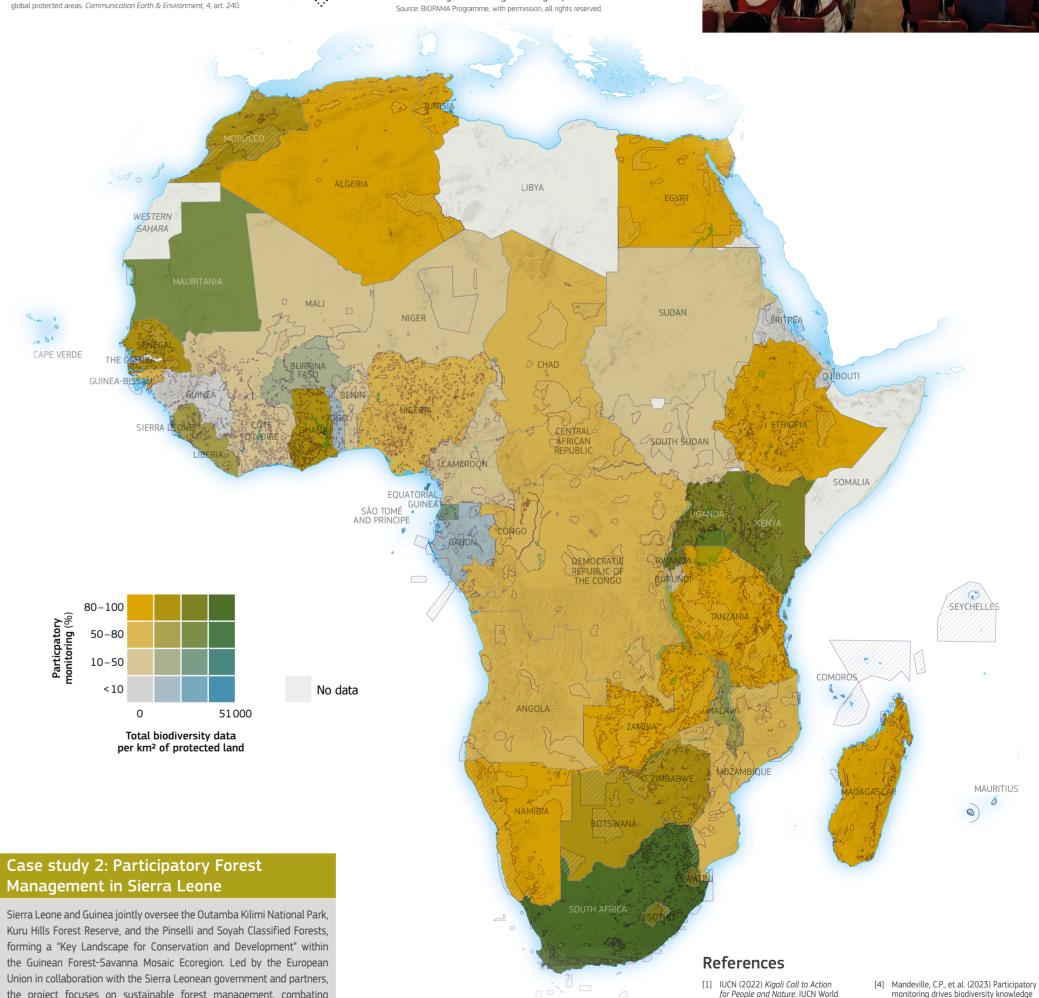
Community Conservation in Namibia.

Namibia's communal conservancies and community forests are legally recognised as self-governing entities by the Ministry of Environment, Forestry and Tourism (MEFT). Similarly, fisheries reserves (not mapped here) are legally recognised by the Ministry of Fisheries and Marine Resources (MFMR). Both are supported by the Namibian Association of Community Based Natural Resource Management Support Organisations (NACSO). Communal conservancies, community forests and fisheries reserves aim at conserving the environment and generate revenue through sustainable use of natural resources. Over the period 1990 – 2022, community conservation contributed an estimated N\$ 13.47 billion to Namibia's net national income (roughly €680 million). The Community-based Natural Resource Management program focuses on conserving biological diversity and the benefits from natural ecosystems for communities living alongside wildlife. It emphasises partnerships with key stakeholders to foster a more sustainable. resilient, and community-centric approach to conservation. Source: UNEP-WCMC and IUCN (2024) Protected Planet: The World Database on Protected Area: y/2024], Cambridge, UK: UNEP-WCMC and IUCN. Available at: www. The growth of community conservation in Namibia between 1975 and By the end of 2022, 86 registered communal conservancies covered

High level dialogue of female leaders on Environment in Africa at the Africa Protected Areas Congress.

Tanya Merceron (IUCN) moderated an event, featuring an introduction by Solange Bandiaky-Badji of the Rights and Resources Group titled "What gaps? Paving a path forward for Indigenous and community women leaders in conservation" Ministers and experts contributed to discussions emphasising the importance of integration of women's rights into conservation practices and the political recognition of their roles responsibilities, and knowledge in biodiversity management. The panel centred on rights, justice, and power dynamics within protected areas, stressing the need for transformative changes to realise rights for marginalised groups.





Kuru Hills Forest Reserve, and the Pinselli and Soyah Classified Forests, forming a "Key Landscape for Conservation and Development" within the Guinean Forest-Savanna Mosaic Ecoregion. Led by the European Union in collaboration with the Sierra Leonean government and partners, the project focuses on sustainable forest management, combating desertification and land degradation, and preserving biodiversity to mitigate climate change impacts in the landscape. To date, the project has successfully achieved collaborative agreements between park authorities, coordinated landscape activities, livelihood support for local communities (particularly women), prioritisation of endangered species, and environmental education initiatives.

The contribution of participatory monitoring and citizen

A two-dimensional rendering of the total biodiversity data

accessible through GBIF and the proportion of data obtained

suggest that national policies for participatory monitoring,

monitoring and management.

Source: Mandeville, C.P., et al. (2023) Participate

through participatory monitoring. Differences between countries

the degree to which communities participate in protected area

standardised biodiversity monitoring, and open data can influence

science to the Global Biodiversity Information Facility (GBIF).

Source: Press and information team of the Delegation to Sierra Leone.

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Kigali, Rwanda

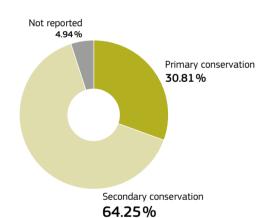
5.3.2 Other effective area-based conservation measures (OECMs)

Other effective area-based conservation measures (OECMs) are sites outside protected areas that deliver effective and long-term in situ conservation of biodiversity. Because protected areas and OECMs complement each other to protect and conserve biodiversity, recognising and supporting OECMs will be crucial to national commitments in achieving conservation targets. A number of African countries have already identified and reported OECMs to the World Database on Other Effective Area-based Conservation Measures (WD-OECM), reflecting the significant contribution OECMs make towards achieving the area component of Target 3 of the Kunming-Montreal Global Biodiversity Framework.

'Other effective area-based conservation measures' (OECM) refer conservation through equitable governance and management.

biodiversity, OECMs can fall into three categories⁷:

- 1. **Ancillary conservation**: areas delivering *in situ* conservation as a by-product of management, where biodiversity conservation is not an objective. Examples include certain military areas or sacred sites.
- 2. Secondary conservation: areas achieving conservation through active management, although biodiversity conservation may be a secondary management objective. Examples include conservation corridors or watershed protection areas.
- 3. Primary conservation: areas meeting the definition of a protected area, but that are not currently designated and reported as such, e.g. some indigenous and community conserved areas (ICCAs) or privately governed areas with a primary conservation objective.



· Types of approaches that deliver effective conservation in

In more than half (64.3%) of the OECMs reported to the World Database on OECMs (WD-OECM), conservation is accomplished via active management of the sites where biodiversity outcomes are a secondary management objective.

The International Union for Conservation of Nature World Commission on Protected Areas (IUCN-WCPA) has developed technical guidelines explaining the definition of OECMs and how these may be applied in practical conservation strategies⁷. Moreover, they have also prepared a site-level methodology for identifying OECMs8.

Site assessments according to OECM criteria should be on to sites outside of protected areas that achieve long-term biodiversity a case-by-case basis. Because OECMS are based on existing management that already provides effective biodiversity While protected areas should have a primary conservation conservation, OECMs are 'recognised' rather than 'designated'. objective, OECMs are areas that deliver effective long-term in The identification and mapping of OECMs is essential for these situ conservation of biodiversity, regardless of their primary to be factored into decision-making and tracked alongside management objectives. Depending on the intention to conserve conservation targets. Countries can submit data on OECMs to the World Database on OECMs (WD-OECM).

In Africa, 344 OECMs have been reported to the WD-OECM across four countries, the majority of which are terrestrial (332 or 96.5%) with only a few marine OECMS (12 or 3.5%). The first African country to report OECMs to the WD-OECM was Algeria, which recognised its five cultural parks as OECMs. With an extension of 633 000 km² – approximately the size of the Central African Republic – Ahaggar cultural park is the largest

Although not defined formally until 2018, OECMS were recognised in Aichi Biodiversity Target 11 under the Convention on Biological Diversity's 2011-2020 Strategic Plan. At the 15th Congress of the Parties, nations adopted the more ambitious 30% area-based conservation target as part of the Kunming-Montreal Global Biodiversity Framework¹¹. Because protected areas and OECMs complement each other to protect and conserve biodiversity through well-connected networks, recognising and supporting OECMs will be crucial to achieving this and other targets. In countries such as Algeria or Morocco, OECMs make a significant contribution to conserved area coverage. In Algeria, OECMs conserve 49.6% of the terrestrial and inland waters in the country whilst protected area coverage is just 4.6%. Protected areas cover 2.2% of the terrestrial and inland waters in Morocco whilst OECM coverage is 30.9%4.

Similar to protected areas, OECMs occur under a range of governance types: by government agencies, private actors, Indigenous peoples and/or local communities, or by shared arrangements. Identifying OECMs provides an important opportunity to recognise *de facto*, effective and long-term biodiversity conservation that exists beyond the boundaries of protected areas, under a variety of governance and management forms, providing at the same time support and security to these areas^{7,8}. Therefore, future conservation science and policy will need to adjust to protection defined by the outcomes for biodiversity and not just the formal designation of areas for conservation.



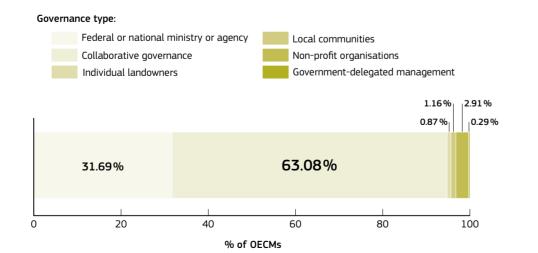
· · · OECMs in South Africa: Kruger to Canyons UNESCO Man and Biosphere Reserve (K2C)

South Africa was one of the first countries in the region to assess OECMs and develop a methodology that aligns and integrates the global OECM framework within the national context. The first country-level study assessed various sites outside protected areas, including the Kruger to Canyons UNESCO Man and Biosphere Reserve (K2C). The study identified sites that meet the OECM criteria, located in the buffer and transition zones of K2C. which surround core protected areas. Biosphere reserves are not OECMs, but may contain OECMs within their area1,

The definition for other effective areapased conservation measures (OECM)

Other effective area-based conservation measures (OECMs) were first defined in 2018 at the 14th Conference of Parties (COP) of the Convention on Biological Diversity (CBD) in Sharm el Sheik, Egypt. OECMs represent a new conservation approach, separate from protected areas, where conservation is achieved mainly as a by-product of other management. The official definition of an OECM is:

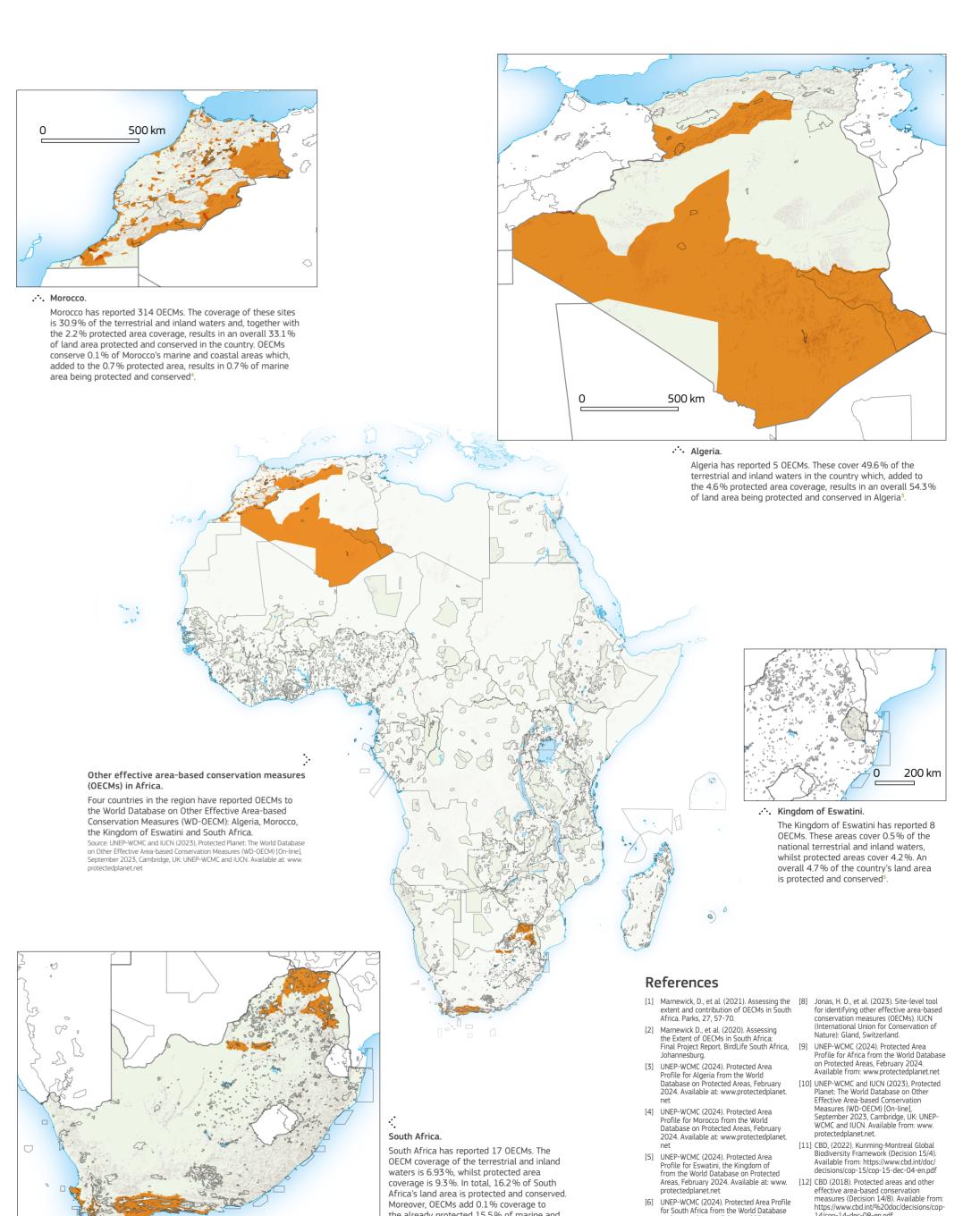
"A geographically defined area other than a protected area, which is governed and managed in ways that achieve positive and sustained long-term outcomes for the in-situ conservation of biodiversity, with associated ecosystem functions and services and where applicable. cultural, spiritual, socio-economic, and other locally relevant values"



... Governance mechanisms in African OECMs.

The governance authority refers to the entity responsible for decision-making about how an area is managed. The majority of the African OECMs reported to the World Database on OECMs (WD-OECM) are under the authority of the government or have a shared governance

calculations based on data from the WD-OECM1



the already protected 15.5% of marine and

coastal areas, leading to an overall 15.6% of

the marine and coastal area being protected

and conserved in the country

on Protected Areas, February 2024

Available at: www.protectedplanet.ne

[7] IUCN-WCPA Task Force on OECMs, (2019)

Switzerland: IUCN.

Recognising and reporting other effective area-based conservation measures. Gland,

14/cop-14-dec-08-en.pdf

5.3.3 Transfrontier Conservation Areas

Transboundary conservation areas do not only transcend geographical and administrative borders, but also cultural and socio-economic barriers. By promoting international collaboration for shared nature conservation and human-nature coexistence, transboundary conservation areas have the potential to alleviate conflicts between neighbouring states.

Environmental experts often highlight the role of environmental pressures on the emergence of conflicts. This elevates the significance of conservation as a means to reduce conflict across international borders. Critics argue that environmental factors in conflict are minor when compared to other economic, ethnic, or demographic factors. Nevertheless, even if conservation does not reduce conflicts by alleviating environmental pressures, the process of transboundary conservation has the potential to foster cooperation between nations, providing an entry point for broader conflict resolution. Despite this potential, transfrontier conservation areas (TFCA) were developed independently of their potential use in conflict mitigation¹

The pioneering transboundary park was the formed between Poland and Czechoslovakia under the Krakow Protocol in 1924. Even though fostering peace was not amongst the original goals of the park, the transboundary protected area allayed tensions originating from a remnant border dispute from World War I because the border region was managed jointly as a collective good.

The Virunga Mountains were designated as Africa's first national park in 1925 in the then Belgian Congo. After independence in 1960, the area became a *de facto* transboundary park split across Rwanda and Zaire (now the Democratic Republic of the Congo). By 2005, the administrators of the individual national parks within the separate countries formally proclaimed the Central Albertine Rift Transfrontier Protected Area Network, now known as the Greater Virunga Landscape

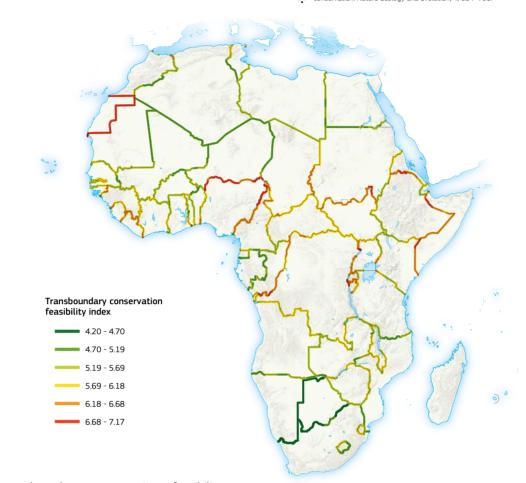
In the latter parts of the 20th century, many transboundary protected areas became known colloquially as Parks for Peace (or "peace parks"), designed to promote goodwill and peace between sovereign nations through the preservation of nature². This trend led to the establishment of the Peace Parks Foundation in South Africa in 1997, spurred on by then president of WWF-South Africa and founding member of WWF, Anton Rupert, and supported by IUCN. The Peace Parks Foundation aimed at promoting regional cooperation among countries of the Southern Africa Development Community (SADC) economic community, primarily for nature- human pressure at country borders⁶. based tourism.

At the same time, IUCN established a task force within the World Commission on Protected Areas with the purpose of stimulating transboundary protected areas for peace and cooperation¹. By 2001, the task force reported the existence of 166 transboundary protected areas globally, comprising 666 individual conservation zones³. According to the latest assessment in 2007, 222 transboundary protected areas, incorporating 3043 individual the boundaries of two or more countries encompassing one or protected areas or internationally designated sites globally4.

The feature map shows 27 existing Transboundary Conservation more than 500 protected and conserved areas (including different designations for the same sites)⁵. Based on connectivity and change, by ensuring that transboundary connectivity is maintained to extends to almost 100 000 km², larger than Portugal. mitigate impacts of species range shifts. However, the larger majority of potential TBCAs are made up of small and poorly connected protected sites, which would require strong investment in enhancing ecological connectivity via improved collaboration, protected area expansion, and restoration⁵.

The feasibility of transboundary conservation initiatives.

This feasibility index combines the strength of governance in neighbouring countries, their international collaboration, and human pressure at country borders to estimate the feasibility of establishing transboundary protected areas. Higher values signify areas where transboundary conservation may be more feasible. Source: Mason, N., et al. (2020) Global opportunities and challenges for transboundar • . • conservation. Nature Ecology and Evolution, 4, 694-701.



However, transboundary conservation feasibility goes beyond geographical proximity. The secondary map represents country boundaries that may be suitable for establishing transboundary conservation areas. It is based on a feasibility index that combines the strength of governance in neighbouring countries, their international collaboration, and

In southern Africa, the Peace Parks Foundation and SADC regional economic community stimulated transboundary conservation under the Protocol on Wildlife Conservation and Law Enforcement (1999), which defined a transfrontier conservation areas as "a component of a large ecological region that straddles more protected areas as well as multiple resource use areas". Under the Protocol, the objectives of transfrontier conservation areas are to collaboratively manage shared natural and cultural resources across international boundaries for improved biodiversity Areas (TBCAs) in Africa, covering roughly 850 000 km², encompassing conservation and socio-economic development⁷. In SADC, the Great Limpopo Transfrontier Park was the first of six planned peace parks across South Africa's borders. It was created in 2002 geographical adjacency, a total of 8481 potential TBCAs were by officially combining Limpopo, Kruger and Gonarezhou national identified⁵, representing possible combinations of 2326 individual parks across the South Africa, Zimbabwe and Mozambique borders. protected areas. A few large and well-connected new TBCAs could The second phase of the Great Limpopo Transfrontier Conservation potentially provide protection against future threats, such as climate Area – which also includes communal areas and private reserves –



The W-Arly-Pendjary Complex is a huge international complex of protected areas spanning about 10000 km² along the Niger River across three countries: Niger, Benin and Burkina Faso. Transforming this natural reserve into a true peace park to promote international cooperation and conflict resolution will require improving both the management of the broader socioecological system as well as the governance of resources by bordering populations. The W-complex has been a UNESCO World Heritage site since 19968.



· ` W National Park spanning the borders of Niger, Benin and

An old information board showing the species in W National Park bordering Niger, Benin and the Haute Volta, former name for Burkina Faso. This conservation area was originally established by colonial authorities in 1926, lending its name from the shape of the Niger River in the northern part of the area (shown in the upper-right of this signboard). Source: Andrea Batta on flickr CC BY 2.0.

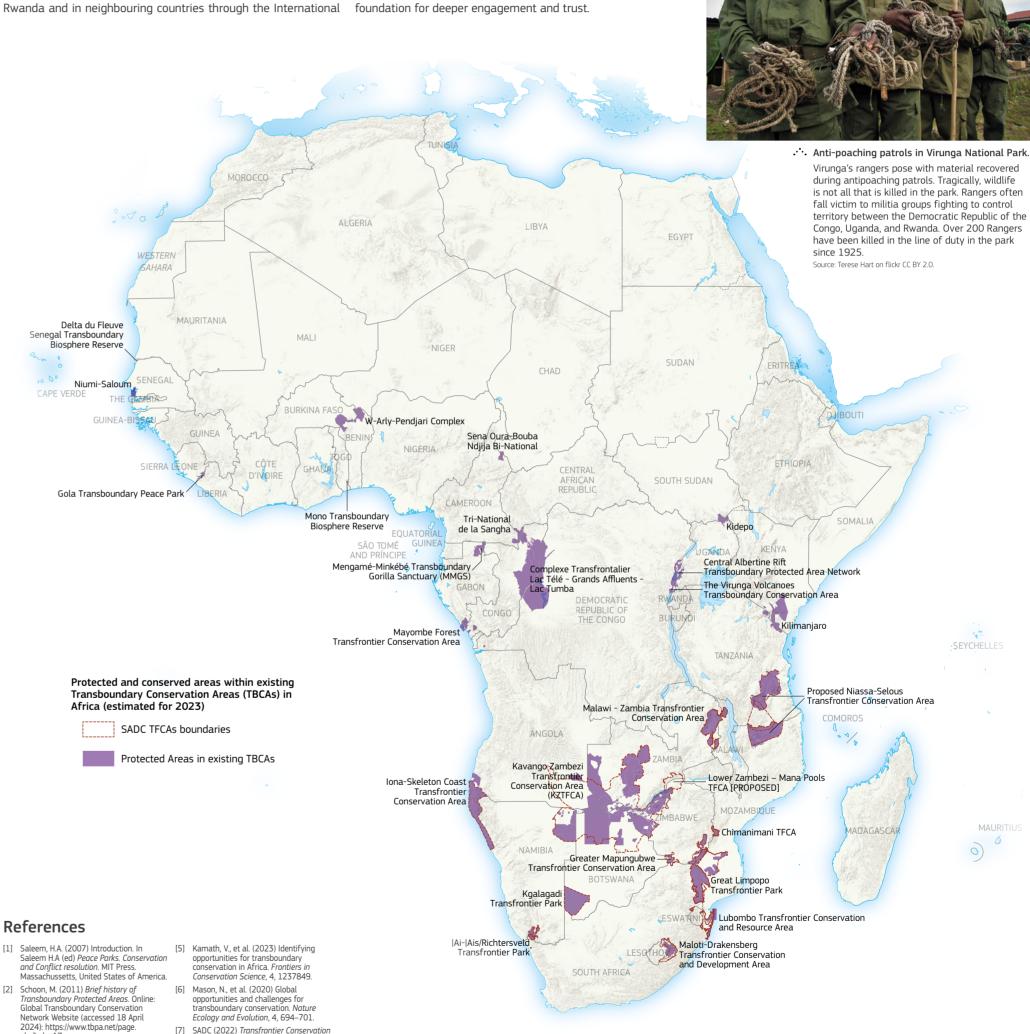
The Limpopo River near Crook's, the point where borders between Mozambique, South Africa, and Zimbabwe converge.

The Great Limpopo Transfrontier Park combines the Limpopo, Kruger and Gonarezhou National Parks across Mozambique, South Africa, Zimbabwe. In 2002, the presidents of the respective countries signed the international treaty establishing the transfrontier park.

Park in the Democratic Republic of the Congo and ten contiguous includes at least 32 species that need coordinated management protected areas in Uganda and Rwanda. This landscape is between protected areas, both across international borders and famous for the population of mountain gorillas (Gorilla beringei between institutions within the same country⁹ beringei)9. Wildlife densities increased since the establishment

The Greater Virunga Landscape includes Virunga National Gorilla Conservation Program. The Greater Virunga Landscape

Conservation across international borders will become more of protected areas in the 1920-30s, but these recoveries were important as long as pressures on biodiversity continue to worsen. jeopardised by poaching and civil conflict. The attractiveness This will require international cooperation and diplomacy, which of gorillas for tourism revitalised conservation efforts, first in can be enabled by credible biodiversity information that form a



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· Protected and conserved areas within existing Transboundary Conservation Areas (TBCAs) in Africa (estimated for 2023) Existing African TBCAs tend to be large complexes (median surface

area = 10041 km²) made up of multiple conservation areas (median = seven protected areas). The Southern Africa Development Community (SADC) also defines boundaries of transfrontier conservation areas beyond the extent of protected areas. Source: Kamath, V., et al. (2023) Identifying opportunities Africa. Frontiers in Conservation Science, 4, 1237849.

5.3.4 NaturAfrica

The European Union's Biodiversity Strategy for 2030 announced the launch of NaturAfrica, an initiative to conserve nature while supporting opportunities for locals in green sectors. NaturAfrica offers a modern take on conservation because it looks beyond the borders of protected areas and considers wider landscapes and the people who live there. While this initiative has tremendous opportunity, it will also face novel challenges that will require new forms of problem solving.

NaturAfrica is a policy initiative led by the European Union (EU) to support nature conservation in Africa, using a peoplecentred approach to improving sustainable livelihoods¹. It was first announced in 2020 as part of the EU Biodiversity Strategy 2030² with a brief statement of intent that "the EU will step up support to partner countries across the world to achieve the new global targets, fight environmental crime, and tackle the drivers of biodiversity loss. In Africa, the EU will launch the NaturAfrica initiative to protect wildlife and key ecosystems while offering opportunities in green sectors for local populations". Although that statement seemed straightforward, its implementation is much more complex because it involves multiple objectives, a variety of stakeholders, and a dynamic policy process that evolves with time.

NaturAfrica intends to integrate strictly protected areas with privately, publicly, or communally owned land in production landscapes, where people work with nature rather than against it. Responsibility for managing sites in an ecologically and economically sustainable way is devolved to local communities, but coordinated regionally.

It would not be possible to launch an initiative like this across the whole continent simultaneously, so the European Commission designed a meta-landscape approach for implementation. NaturAfrica includes six broad-scale meta-landscapes across sub-Saharan Africa, which combine multiple Key Landscapes for Conservation and Development (KLCDs). KLCD were first identified the as part of the EU's strategic approach to wildlife conservation in Africa and its landmark "Larger than Elephants" report³. These landscapes were identified for being large enough to sustain viable populations of African wildlife and functional ecosystems, while simultaneously being the strategic focus for developing the rural economy through the sustainable use of natural resources³. The boundaries of these KLCD are not rigid and are currently being revised in the context of NaturAfrica (which is why they are blurred in the feature map).

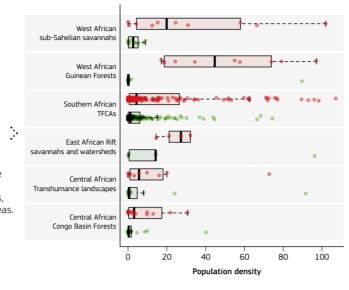
Expanding the focus of NaturAfrica to KLCDs beyond the boundaries of individual protected areas introduces novel challenges. When considering the protected areas earmarked to receive direct support from the EU, existing information suggests that a wholelandscape approach will need to navigate situations with higher human populations and more cultivation for croplands. This is accompanied by higher levels of moderate and severe land degradation. Therefore, NaturAfrica initiatives will need to adapt in order to implement conservation interventions in human-dominated landscapes.

Higher human populations in landscapes around protected areas.

Here, each point shows the population density in the protected areas within NaturAfrica landscapes, compared to population densities in the 10km buffers surrounding the protected areas. Data are aggregated at the meta-landscape level (summarised as boxplots). In all instances, population densities are higher in the landscapes around protected areas.

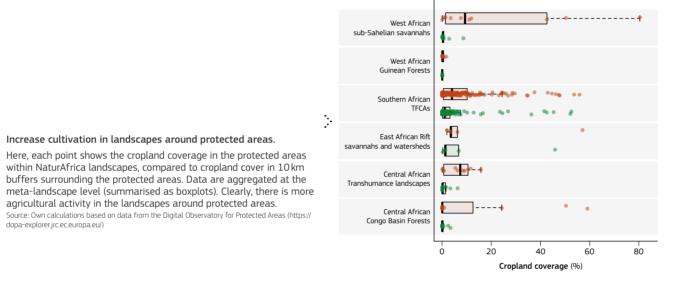
Increase cultivation in landscapes around protected areas.

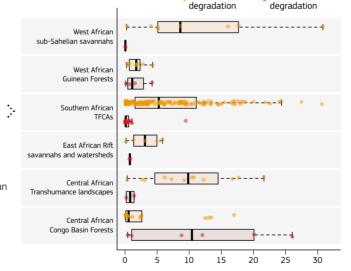
agricultural activity in the landscapes around protected areas.



• 10 km buffer • Inside protected area

10km buffer
Inside protected area





Moderate

Land degradation in NaturAfrica protected areas.

Here, each point shows the coverage of moderately and severely degraded land in protected areas within NaturAfrica landscapes, aggregated at the meta-landscape level (summarised as boxplots). In forested meta-landscapes (West African Guinean Forests and Central Africa Congo Basin forest), severely degrade land is more prevalent than moderately degraded land. The opposite is true for meta-landscapes in savannahs and open ecosystems.

Source: Own calculations based on data from the Digital Observatory for Protected Areas (https://dopa-explorer.jrc.ec.europa.eu/)

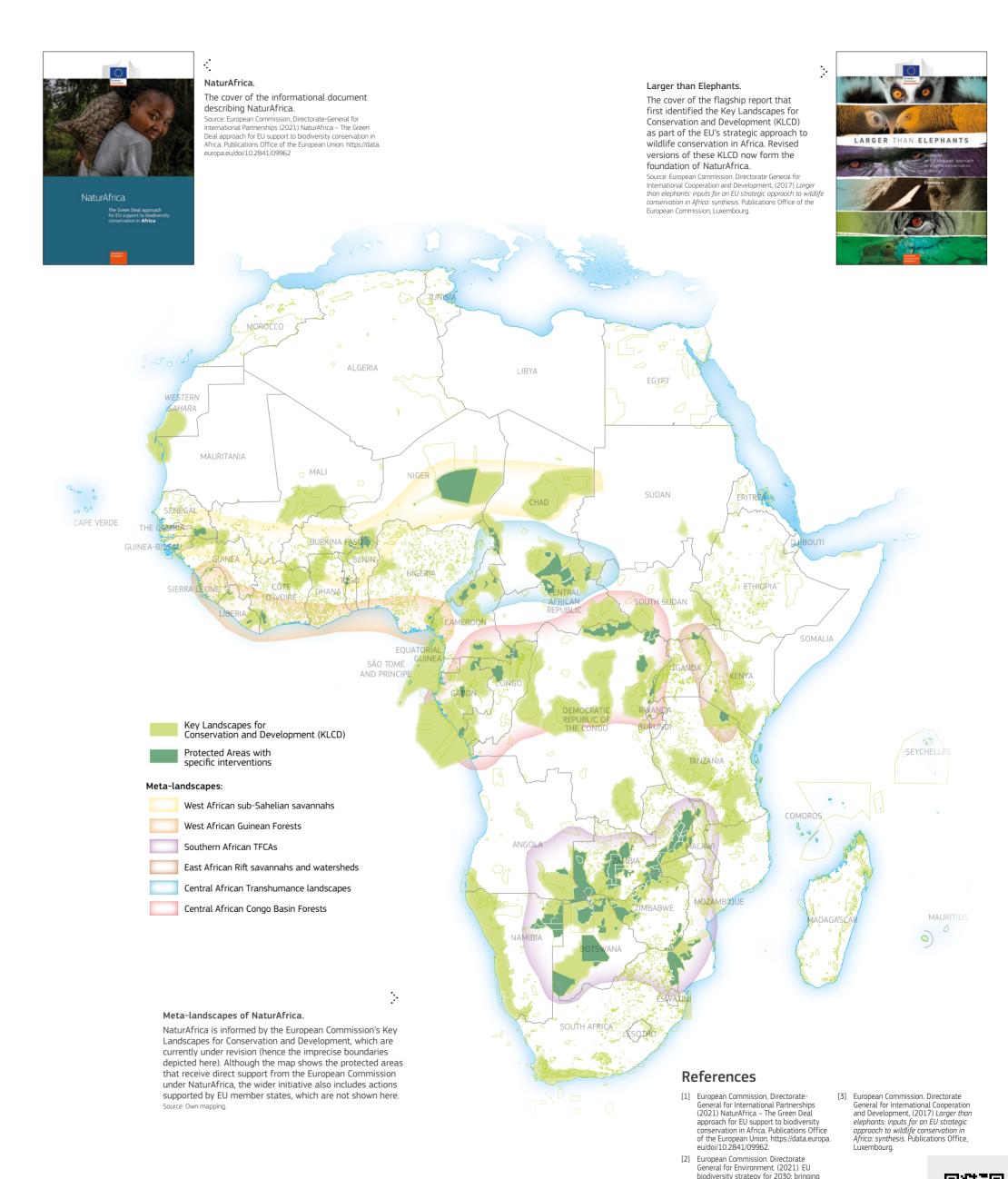
To tackle these novel challenges, NaturAfrica acknowledges that it needs a hierarchy of interventions across all levels At the landscape level, NaturAfrica aims to:

- 1. Strengthen capacity for inclusive conservation across key landscapes. This includes efforts to manage protected areas and other effective area-based conservation measures (OECMs) more effectively, and improve the integrity and connectivity between these conserved areas.
- 2. Enhance access to sustainable green economy livelihoods for all local community members. This includes opportunities for micro- and small-enterprises in peripheral areas for agroforestry, agroecology, rangeland management, and nature-based tourism; as well as feasibility studies for 3. Enhance regional coordination and policy harmonisation. novel opportunities, like payments for ecosystem services.
- 3. Strengthen capacity for land use governance and **natural resource management**. This entails developing and implementing participatory spatial land use planning and strategies for exploiting natural resources sustainably.

At the regional level (meta-landscapes and beyond),

- 2. Increase capacity of natural resource managers to manage protected areas and their surrounding **ecosystems**. This entails training natural resource managers and establishing communities of practice on conservation, green economy development, and territorial governance.
- This will foster trans-border cooperation to harmonise land use practices across landscapes and align policies across jurisdictions to ensure compliance with international protocols and conventions.

This feature map shows the protected areas that have been identified to receive direct support from the European Commission 1. Enhance awareness and access to information on under NaturAfrica. However, these are not the only protected conservation and sustainable use of biodiversity. This areas supported under the much larger NaturAfrica initiative, includes supporting knowledge sharing platforms that which also includes contributions from EU Member State. The underpin research, data collection, and evidence-based entirety of NaturAfrica is a step-change the way Europe supports African conservation. This is not only challenging technically. It also requires an approach to conservation that is more fluid and open, because land-management is no longer characterised by the clear boundaries of protected areas, but rather by transient edges defined by humans and their changing interactions with nature.



nature back into our lives. Publications Office, Luxemburg.