

Convention on Biological Diversity

Distr.
GENERAL

CBD/SBI/3/INF/39
23 May 2021

ENGLISH ONLY

SUBSIDIARY BODY ON IMPLEMENTATION

Third meeting

Venue and dates to be determined

Items 7 and 8 of the provisional agenda*

A COMMON APPROACH TO INTEGRATING BIODIVERSITY AND NATURE-BASED SOLUTIONS FOR SUSTAINABLE DEVELOPMENT INTO UNITED NATIONS POLICY AND PROGRAMME PLANNING AND DELIVERY

Note by the Executive Secretary

1. The Executive Secretary hereby provides, for the information of participants at the third meeting of the Subsidiary Body on Implementation, a document entitled “A common approach to integrating biodiversity and nature-based solutions for sustainable development into the UN’s policy and programme planning and delivery”. The document was prepared under the auspices of the United Nations System Chief Executives Board for Coordination (CEB)¹ and endorsed by the Board at its meeting held on 4 May 2021. In resolution 75/233,² the General Assembly had requested the Secretary-General to continue working towards the development of a common approach to integrating biodiversity and ecosystem-based approaches for sustainable development into United Nations policy and programme planning and delivery, with a view to its swift and effective implementation across the United Nations system in accordance with national development policies, plans, priorities and needs.
2. The common approach provides a structure for organizing collective action and joint delivery to mainstream biodiversity in United Nations policy and programming and to facilitate a coordinated effort to support the implementation of the post-2020 global biodiversity framework in alignment with the 2030 Agenda for Sustainable Development. It is envisaged that the common approach will be operationalized through work to be undertaken by the United Nations Environment Management Group (EMG) and other established inter-agency mechanisms of the United Nations, including the United Nations Sustainable Development Group, to the regional and national levels. At the invitation of the Open-ended Working Group on the Post-2020 Global Biodiversity Framework at its first meeting, EMG established a consultative process on biodiversity to provide United Nations system-wide inputs to the preparation of the post-2020 global biodiversity framework and to prepare for system-wide support to its implementation. EMG also coordinates system-wide efforts to enhance sustainability management in United Nations system policies, programming, facilities and operations. Further relevant information is provided in documents CBD/SBI/3/10 and CBD/SBI/3/INF/38.

* CBD/SBI/3/1.

¹ <https://unsceb.org/>.

² General Assembly resolution [75/233](#) of 21 December 2020 on the quadrennial comprehensive policy review of operational activities for development of the United Nations system.

3. The common approach and EMG are also addressed in document CBD/SBI/3/7. The present note may therefore be of assistance to the Subsidiary Body in its consideration of items 7 and 8 of the agenda of its third meeting. The document is provided in the form in which it was received by the Secretariat and in which it was submitted to the CEB at its meeting held on 4 May 2021.



UNITED NATIONS SYSTEM

CEB

**Chief Executives Board
for Coordination**

CEB/2021/HLCP41/CRP.2
12 April 2021

HIGH-LEVEL COMMITTEE ON PROGRAMMES (HLCP)

Forty-first Session
29 and 30 March 2021
audio/video

A common approach to integrating biodiversity and nature-based solutions for sustainable development into the UN's policy and programme planning and delivery

(Prepared by the UNEP, UNDP and HLCP Biodiversity Task Team)

“By living in harmony with nature, we can avert the worst impacts of climate change and recharge biodiversity for the benefit of people and the planet.” UN Secretary-General António Guterres, UN Summit on Biodiversity, 2020.

1. The United Nations System Chief Executives Board for Coordination (CEB) meeting on 14 May 2020 endorsed a stronger focus on nature across the whole UN system and tasked its High-level Committee on Programmes (HLCP) to develop a common approach to integrating biodiversity¹ and nature-based solutions for sustainable development into the UN’s policy and programme planning and delivery. Through this common approach the UN system expresses a shared recognition of the urgency to act, and a commitment to mainstream biodiversity and nature-based solutions through collective action.
2. The interrelated consequences of environmental degradation, including biodiversity and habitat loss, climate change, air, land, and water pollution, illegal exploitation, increasing disaster risk and the rise of zoonotic diseases, demonstrate the need for a reimagining of the human relationship to nature as a symbiotic one². The COVID-19 pandemic underscored the extraordinary interconnectedness between human, animal and environmental health, and how this underpins the stability of social, economic and financial systems, global peace and stability. It provided the world with an opportunity to reflect on cooperation and the choices we need to make to tackle global systemic risks and challenges, and how our societies can be reshaped as part of the sustainable and resilient recovery from this crisis.



Figure 1: Impact areas and medium-term objectives of the common approach

¹ See Annex I for a Glossary of Terms

² See Annex II: It's time to restore our relationship with nature

3. The UN common approach on biodiversity is structured around 3 impact areas and 15 medium-term objectives that contribute to the realization of the 2050 vision of living in harmony with nature³ where biodiversity is valued, conserved, restored and wisely used, maintaining ecosystem services, sustaining a healthy planet and delivering benefits essential for all people. It also proposes a set of outcomes that can be achieved by the UN system through increased collaboration, as well as an accountability framework for coherent and collective outputs on biodiversity.
4. As countries face the COVID-19 pandemic and act to recover, they are turning to the UN system for better coordinated and scaled solutions⁴. The UN needs to demonstrate concerted action, through its convening power and leveraging of expertise across the UN system, and the development of stronger, more coherent knowledge-based resources in support of the 2030 Agenda for Sustainable Development and the 2050 vision of 'living in harmony with nature'.

I. Overview

5. Through this common approach the UN system expresses a shared recognition of the urgency to act, and a commitment to mainstream biodiversity through better coordinated efforts that will connect and build on strategies and programmes of work of UN system entities and facilitate the implementation of the post 2020 global biodiversity framework in alignment with the 2030 Agenda and the Paris Agreement⁵. **Collective action on nature furthermore supports the implementation of the Secretary-General's vision on prevention⁶, and contributes to outcomes across the three pillars of the UN system: peace and security, human rights, and development.**
6. Given the scope of the task at hand, the common approach is structured to achieve impact over the next decade in three areas: (i) human rights, peaceful societies and planetary stability; (ii) a green and inclusive economic recovery; and (iii) strengthened institutions, accountability and justice. To accelerate transformational change in these three areas, it focuses on creating opportunities for collective action and joint delivery of initiatives at the global, regional and country levels, while pursuing alignment within the respective entities.
7. **The common approach provides a structure to organise collective action and joint delivery to mainstream biodiversity and nature-based solutions. It elaborates on 15 medium-term objectives or expected accomplishments that contribute to the realization of the 2050 vision. These are the longer-term transitions beyond the common approach's direct outcomes, and should be pursued in partnership with government, business and civil society. They set the overall strategic intent of the common approach, and each contribute to at least one of the impact areas, which are required to live in harmony with nature.**

³ Updated [zero draft of the post-2020 global biodiversity framework](#), August 2020.

⁴ See Annex III for the context of the UN common approach on biodiversity and nature-based solutions

⁵ See more information about the Paris Agreement at <https://unfccc.int/process-and-meetings/the-paris-agreement/the-paris-agreement>

⁶ See more at <https://www.un.org/sg/en/priorities/prevention.shtml>

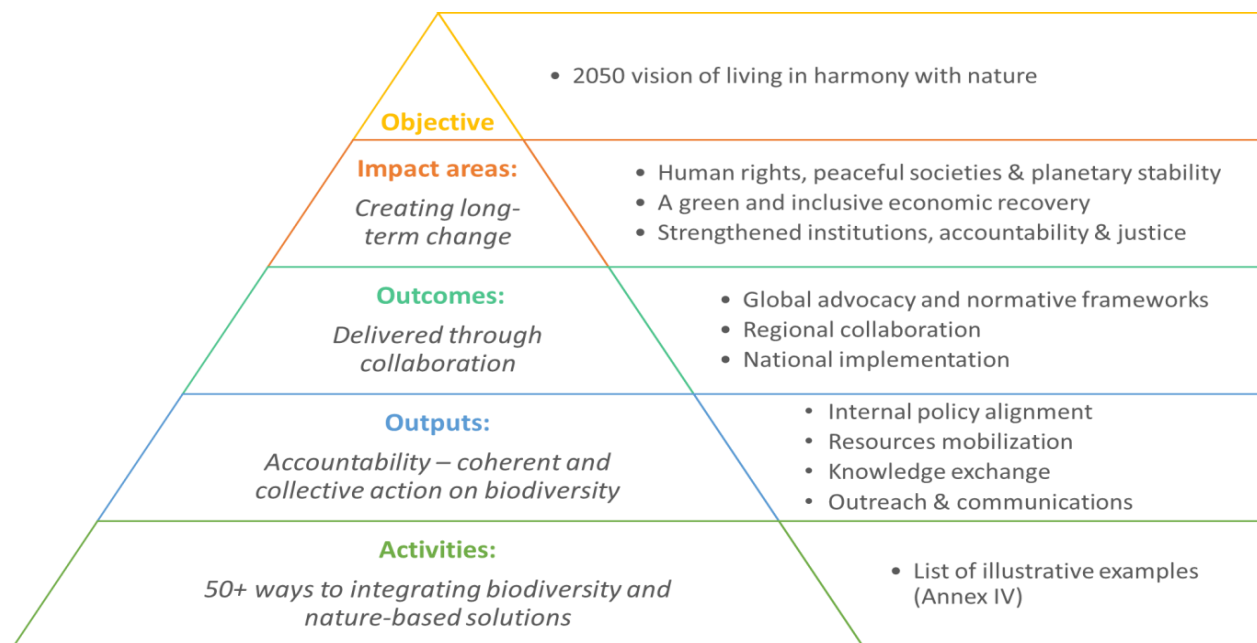


Figure 2: Structure of the common approach

II. Impact Areas of the common approach – creating long-term change

“Making peace with nature is the defining task of the 21st century. It must be the top, top priority for everyone, everywhere. In this context, the recovery from the pandemic is an opportunity.” UN Secretary-General António Guterres, State of the Planet Address, Columbia University⁷

A. Human rights, peaceful societies and planetary stability

8. **#1: Human rights are protected and can be exercised, including the right to a safe, clean, healthy and sustainable environment⁸.** The substantive elements of this right include a stable climate⁹; safe water and sanitation; clean air, soils and water; healthy, nutritious and sustainably produced food; healthy ecosystems and biodiversity; and participation, access to information and access to justice in environmental matters. The fulfilment of the rights of individuals and peoples in vulnerable situations is essential for designing fair and effective actions to use, conserve and restore nature. It includes protecting and promoting the rights enshrined in the Universal Declaration on the Rights of Indigenous Peoples (UNDRIP)¹⁰ and the Indigenous and Tribal Peoples Convention, 1989 (No. 169)¹¹, addressing gender differences in vulnerability and roles, and gender inequalities in resource access and rights and capacity for decision-making; and ensuring the rights of children, youth and future generations to enjoy a healthy natural world. Protecting environmental human rights defenders and activists contributes to fulfilling the right to a healthy environment. Under the UN

⁷ <https://www.un.org/sg/en/content/sg/speeches/2020-12-02/address-columbia-university-the-state-of-the-planet>

⁸ Report of the Special Rapporteur David R. Boyd on the issue of human rights obligations relating to the enjoyment of a safe, clean, healthy and sustainable environment.

⁹ Article 2 of the United Nations Framework Convention on Climate Change, see:

https://unfccc.int/files/essential_background/background_publications_htmlpdf/application/pdf/conveng.pdf

¹⁰ See https://www.un.org/development/desa/indigenouspeoples/wp-content/uploads/sites/19/2018/11/UNDRIP_E_web.pdf

¹¹ https://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100_ILO_CODE:C169

Guiding Principles on Business and Human Rights, businesses also have a responsibility to respect human rights.

9. **#2: Persons, groups and people in vulnerable situations, particularly those who rely on natural resources for subsistence and cultural identity, and who are disproportionately affected by environmental degradation¹², are prioritised¹³.** The areas projected to experience significant negative effects from global environmental change are often home to indigenous peoples, local communities and persons living in poverty. Indigenous peoples¹⁴ for instance are already facing several socio-economic and environmental challenges, because of historical inequities and discrimination, and are nearly three times more likely to be in extreme poverty compared to their non-indigenous counterparts¹⁵ ¹⁶. Weakened coping mechanisms and resilience link to conflict and migration (and vice versa) in the face of environmental change¹⁷.
10. **#3: A One Health approach¹⁸ is implemented, and the interconnections among people, animals and ecosystems are recognized.** The impacts of the COVID-19 pandemic reinforce the need for scaling up investments that focus on the root causes of zoonotic infectious disease emergence and spread, including wildlife trafficking and the introduction of illegally wild sourced species into legal value chains, while preventing possible future outbreaks¹⁹. To effectively manage major health risks that affect people and animals (livestock and wildlife), requires a systems perspective on the human-animal-ecosystem interface and to address disease dynamics in the broader context of systemic risk. These dynamics are impacted by consumption of and trade in species, natural resource management, and other socioeconomic and cultural factors such as agriculture, tourism and urban expansion. Sustainably urban and regional planning can lower the rates of interspecies conflict at the frontier of cities – and thus the transmission of zoonotic diseases – while reducing emissions, lowering air pollution levels and overall improving human health.
11. **#4: Nature is conserved and restored, while nature-based solutions for disaster risk reduction²⁰, climate action²¹ are accelerated.** Nature conservation and ecosystem restoration provide a range of direct benefits for communities, local authorities and the private sector, including creating jobs and reducing exposure by bolstering livelihoods options and reducing vulnerability. It is critical to ensure that these benefits can be realized by all, with fair and equitable access, as well as those benefits derived from genetic resources. Indigenous Peoples and Local Communities (IPLCs) are rights holders and indispensable leaders and participants, providing knowledge and tools to promote proactive management, sustainable use,

¹² IPBES, 2019. [Global assessment report on biodiversity and ecosystem services of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services](#).

¹³ Consistent with the universal values of the 2030 Agenda, principle two on [Leave No One Behind](#)

¹⁴ See also [CEB Call to Action on Indigenous Peoples](#)

¹⁵ Indigenous peoples might be forced to migrate away from their traditional lands due to environmental impacts, and may face a double discrimination in their host communities, as migrants and as indigenous people.

See also ILO, 2019. [Implementing the ILO Indigenous and Tribal Peoples Convention No. 169: Towards an Inclusive, Sustainable and Just Future](#).

¹⁶ <https://www.un.org/development/desa/indigenouspeoples/climate-change.html>

¹⁷ UN, 2021. Security Council Press Release, [SC 14445](#), 23 February 2021.

¹⁸ ILRI, UNEP, 2020. [Preventing the next pandemic - Zoonotic diseases and how to break the chain of transmission](#).

¹⁹ An integrated approach such as the Zoonotic Disease Integrated Action (ZODIAC) is important to strengthen preparedness and capabilities that prevent the origin and spread of pandemics.

²⁰ See Ecosystem-Based Disaster Risk Reduction: Implementing Nature-based Solutions for Resilience United Nations Office for Disaster Risk Reduction - Regional Office for Asia and Pacific, 2020: <https://www.undrr.org/publication/ecosystem-based-disaster-risk-reduction-implementing-nature-based-solutions-0>; [Words Into Action: Nature-Based Solutions for Disaster Risk Reduction \(2020\)](#) <https://www.preventionweb.net/publications/view/74082>

²¹ Kapos, V., Wicander, S., Salvaterra, T., Dawkins, K., Hicks, C. 2019. [The Role of the Natural Environment in Adaptation, Background Paper for the Global Commission on Adaptation](#).

conservation and the restoration of natural ecosystem services and biodiversity. Integrating nature-based solutions as instruments of city planning and community resilience offer multiple co-benefits, including reduced spatial inequality and unequal exposure to extreme weather events and sea level rise among vulnerable local populations.

12. **#5: The links between biological and cultural diversity are recognized, and the protection of sites of international importance for biological and cultural diversity enhanced.** The diverse values of nature and the relationship between biological and human cultural diversity are better understood and reflected in policy and action, including those building solidarity and collective action between different stakeholder groups. Enhancing lifelong learning, education and skills on environmental issues and stewardship, is the best long-term route to transform how we interact with nature, while ensuring the integrity of all ecosystems, recognized by some cultures as Mother Earth.

B. A green and inclusive economic recovery

13. **#6: Public and private finance and investments, especially those mobilized to respond to the COVID-19 induced crisis, accelerate green, just and inclusive socioeconomic transitions, including from the informal to formal economy.** Public investment, including repurposing harmful subsidies, along with tax policies, regulations and incentives can increase private investment in green and blue economy strategies, creating decent jobs opportunities while strengthening planetary stability²². The UN can shape the discourse of how current financial flows – whether in the form of public expenditures such as subsidies, capital investments or line budgets, or in the form of private sector finance, such as private investment, banking, loans or insurance – can prevent or account for the negative impacts on nature, and at the same time increase the flow of finance for nature-positive investments²³.
14. **#7: Sustainable consumption, including sustainable lifestyles and livelihoods²⁴, is promoted, inequalities are eliminated and biodiversity loss halted.** Global consumption patterns, characterized by short-term interests, insufficient transparency of supply chains, and a lack of consumer awareness, are manifestations of the indirect drivers²⁵ of the continued loss of biodiversity and are unsustainable. Consumption patterns drive trade in materials and goods, through which environmental and health impacts from the consuming high-income countries are displaced to the middle-and low income countries. Yet, sustainable and legal trade can provide income opportunities and incentives for conservation. Per capita impacts caused by consumption in high-income countries are between three and six times larger than those of low-income countries²⁶. To make consumption sustainable we need to close the loops of materials and reuse, redesign and recycle. Effective urban waste management can prevent ocean pollution (including plastic) and lower the level of organic matter in landfills, thus significantly reducing methane emissions.

²² See 'Practical Lessons for Recovery from the COVID-19 Pandemic – Principles for Recovery', January 2021;

https://www.recoveryplatform.org/assets/publication/Covid19_Recovery/Practical%20Lessons%20for%20Recovery%20from%20the%20COVID-19%20Pandemic_Consultative%20Edition.pdf

²³ For example, although nature provides up to 38 per cent of our climate mitigation solution, nature-based climate solutions only receive 3 per cent of global climate finance. Global climate finance from the public and private sectors in [2017-18 hit US\\$579 billion](#), while global biodiversity finance currently averages [between US\\$78 – 91 billion a year](#).

²⁴ [One Planet Network Sustainable Lifestyles and Education Programme](#)

²⁵ Categorized as demographic and sociocultural, economic and technological, institutions and governance, and conflicts and epidemics in the [Global assessment report on biodiversity and ecosystem services of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services](#).

²⁶ IRP (2019). [Global Resources Outlook 2019: Natural Resources for the Future We Want](#). A report of the International Resource Panel.

15. **#8: Material-intensive socioeconomic production systems²⁷ are transformed to create better outcomes for people and nature, while meeting increased demand for resources and materials.** Governments, businesses, workers and consumers can encourage and influence markets' transition to sustainable production patterns by requesting improvements in how they source and regenerate, process, transport, trade and use natural resources, and how the resulting waste is minimized, recycled or disposed. These production systems are both predetermined by and create spatial patterns such transportation routes, infrastructure and urban areas. To reduce the extraction of new resources, circular economy approaches provide the tools for a system redesign, starting with planning for a long life of materials. Technical solutions exist, but requires cultural and behavioural changes to be applied at scale.
16. **#9: Sustainable and secure food systems are ensured through urgent action by all actors²⁸.** Food systems are associated with many of the direct drivers of biodiversity loss, through land-use change, largescale monoculture of a handful of major food crops at the expense of large numbers of underutilized crops, overexploitation of fisheries, the impacts of excess nutrients, use of chemicals, food waste and loss, and the generation of greenhouse gases. The social and economic disruption caused by the pandemic has also affected the food system²⁹. It highlighted that 3 billion people are directly dependent on agriculture, forests and fisheries for food, jobs and livelihoods. Diversity in production systems is important for resilience, for health, for nutrition, and for the associated biodiversity providing the ecosystems services that support agricultural production. There is an urgent need to mainstream biodiversity across food policies and practices at all levels and to develop long-term strategies addressing the sustainability challenges faced by actors across the systems.
17. **#10: Markets, economic and financial practices are fundamentally reformed and use metrics for governments, the private sector and society, to measure progress towards sustainable development, supported by strengthened regulations to conserve and restore natural capital³⁰.** The anticipated post-2020 global biodiversity framework calls on governments to make the ecological foundation of our economies central to development and fiscal planning. The 2020 Human Development Report³¹ argues that as people and planet enter an entirely new geological epoch, the Anthropocene or the Age of Humans, it is time for all countries to redesign their paths to progress by fully accounting for the dangerous pressures humans put on the planet, and working towards human activities generating net positive effect on nature.

C. Strengthened institutions, accountability and justice

18. **#11: Institutional capacity is supported to plan and pursue integrated solutions to reverse biodiversity loss and accelerate progress on the implementation of the 2030 Agenda.** Sectoral policies and measures often fail to account for indirect, distant and cumulative biodiversity impacts in a globalised world, which can have adverse effects, including the exacerbation of inequalities³². Institutional capacity and social dialogue is needed to pursue integrated solutions for complex issues such as food security, land and water use, health and migration. They require integrated and holistic policies and strategies on climate change, disaster risk reduction and biodiversity: for decent jobs, social resilience, sustainable economic development and trade,

²⁷ Food, land and ocean use; energy and extractives; infrastructure and the built environment. See WEF, 2020. [The future of nature and business](#).

²⁸ WEF, 2020. [The future of nature and business](#).

²⁹ Impact of COVID-19 on people's livelihoods, their health and our food systems. [Joint statement](#) by ILO, FAO, IFAD and WHO, 13 October 2020

³⁰ Professor Sir Partha Dasgupta, 2020. [Independent Review on the Economics of Biodiversity](#). Interim Report.

³¹ <http://hdr.undp.org/en/2020-report>

³² IPBES, 2019. [Global assessment report on biodiversity and ecosystem services of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services](#).

peace and conflict prevention. Many of the SDGs, even those that do not mention the environment explicitly, will only be met if there is substantial progress on environmental management, rule of law and governance³³.

19. **#12: Safeguards on biodiversity and the integrity of all ecosystems are implemented, sectoral and national accountability is clarified, and monitoring and reporting against environmental obligations fulfilled.** National institutions are supported to operationalize strengthened systems within and across all productive and consumptive sectors (including agriculture, fisheries, forestry, mining, tourism, infrastructure and the built environment), with the aim to halt and reverse the loss of biodiversity, create sustainable economic models, and reduce the risk of emerging zoonotic diseases.
20. **#13: Environmental rule of law³⁴ and procedural rights on access to information and justice are promoted, and meaningful participation in environmental decision-making is enabled.** Environmental rule of law is a cornerstone of human health and welfare, and serves to create an expectation of compliance with environmental law coordinated between government, private sector, and civil society. It ensures adherence to the standards, procedures, and approaches set forth in these laws to ensure a safe and stable climate, and a healthy environment, within and among countries.
21. **#14: Criminal justice and anti-corruption measures to environment-related crimes are strengthened as an essential part of the integrated solutions to protecting biodiversity.** Strengthening justice system measures can address a variety of trafficking and economic crimes, contribute to reversing negative trends in biodiversity loss, and mainstream preventive approaches to national and international biodiversity management. Justice and accountability measures can protect environmental human rights defenders from threats related to their efforts to preserve their lands and communities.
22. **#15: Advanced digital information and communication technologies (ICTs) are deployed to ensure open access to and equitable coverage of data and repositories.** Working in partnership with public and private actors, open access policies for biodiversity data are promoted, bringing innovation in monitoring environmental change and protecting biodiversity. This would provide data, information and tools for decision-makers and citizens while increasing accountability and transparency. International standards can be leveraged to ensure ICTs are deployed in a safe, sustainable and environmentally sound manner, without impacting biodiversity itself³⁵. ICTs also support educational programmes and citizen-science activities on nature and sustainability, building capacity to analyse and interpret environmental data.

III. Outcomes of the common approach – delivered through collaboration

23. Coherent action by UN system entities can drive solutions towards the impact areas of the common approach – human rights, peaceful societies and planetary stability; a green and inclusive economic recovery; and strengthened institutions, accountability and justice. Together with Member States, business and social partners, academia, and civil society³⁶, the UN can build on existing initiatives with major groups and forge new collaborations to address broader sustainable development-related risks and opportunities by taking on board the connections between nature, society and the economy.
24. Annex IV provides a list of existing actions and potential opportunities for greater collaboration. It is an illustrative list of practical interventions that the UN can pursue jointly as part of the common approach on

³³ UNEP, 2019. [Environmental Rule of Law – First Global Report](#).

³⁴ UNEP, 2019. [Environmental Rule of Law – First Global Report](#).

³⁵ See the [international standards](#) developed by ITU-T Study Group 5 (SG5).

³⁶ See [Sustainable Development Goal 17](#) on Strengthen the means of implementation and revitalize the global partnership for sustainable development

biodiversity. **These are some of the practical interventions that can be tailored to regional and national contexts to bring about this change. The sum of these actions can help deliver the following outcomes on the global, regional and national levels.**

A. Global advocacy and normative frameworks

25. **#1: UN system entities demonstrate leadership on biodiversity and promote strong commitments for nature.** In the run-up, adoption and subsequent implementation phase of the post-2020 global biodiversity framework, UN system entities individually and collectively align with the strategic intent of the common approach on biodiversity and nature-based solutions. By harnessing the power of UN-convened coalitions³⁷ or multi-stakeholder advocacy platforms³⁸, the UN system can advocate for whole-of society and whole-of-government approaches to take urgent action to avert, mitigate, and address climate and nature related-risks and promote nature-based solutions for sustainability.
26. **#2: The UN system delivers unified communications campaigns to mobilize demand for global action for nature.** Collective action can reach out to a wide variety of audiences and beneficiaries among governments, business and civil society to promote awareness about biodiversity and nature, and drive public demand to shift national and sectoral policies, as well as business and consumer practices. Global communication and mobilization initiatives – for example, the UN Decades of Action for SDGs, on Ecosystem Restoration, on Family Farming and on Ocean Science for Sustainable Development – can integrate climate action and biodiversity messaging to drive the social, economic and governance transformations outlined in section II of the common approach.
27. **#3: Through initiatives such as the SG’s Common Agenda, the UN system convenes dialogues on systemic challenges that can only be addressed through multilateral action.** These could include advancing norms and standards for international systems of environmental and financial accounting, and transparency for public and private sector performance and metrics for measuring human and planetary well-being. These actions could focus on creating critical mass in governance and market instruments that redirect unsustainable production and consumption subsidies in fossil fuels, as well as agriculture, fisheries and the food sector; towards procurement, investment, banking and insurance policies that help to transform the climate and nature-related footprint of business-as-usual practices.
28. **#4: The Secretary-General’s Call to Action on Human Rights³⁹ is implemented to support action on biodiversity.** The Call to Action demands UN system support to, inter alia, promote the human right to a healthy environment, ensure the protection of environmental human rights defenders, increase education, lifelong learning and capacity-building related to the environment, improve regulatory frameworks and economic policies for sustainable businesses, ensure the meaningful and informed participation of all stakeholders, including women, girls, and youth, in environmental decision-making, and support access to justice and effective remedies for environmental harms.
29. **#5: UN system entities collaborate with partners to provide data for insight, impact & integrity, and aligned to the SG’s Data Strategy⁴⁰.** The ambition is to improve the integration of biodiversity analytics into the data infrastructure of the UN system, Multilateral Environmental Agreements and wider global digital ecosystems

³⁷ Such as the coalition for nature led by UNESCO with UNEP.

³⁸ Such as the Sharm El Sheikh to Kunming Action Agenda for Nature and People; the Ocean Action Portal; SDG Action Zone; NAZCA Climate portal, etc.

³⁹ See https://www.un.org/sg/sites/www.un.org.sg/files/atoms/files/The_Highest_Aspiration_A_Call_To_Action_For_Human_Right_English.pdf

⁴⁰ UN, 2020. Data Strategy of the Secretary General for Action by Everyone, Everywhere.

for the planet: ensuring key data, tools and other digital public goods to become more solution-driven and easily usable by key decision-makers. This will help amplify the use of biodiversity data for decision-making within UN policy and programme planning and delivery, as well as by a range of decision-makers in the public and private sectors.

B. Regional collaboration

30. **#6: The UN regional mechanisms foster collaboration within and between regions to address biodiversity-related challenges that transcend borders.** Collective, issues-based actions and knowledge management platforms at the regional level can pool global knowledge and expertise that are relevant to the specific regional context, broker cross-sectoral and multi-country/multi-regional solutions and enable progress on nexus issues that cannot be addressed on a country-by-country basis.
31. **#7: Member States are supported to position regional and national priorities in biodiversity-related multilateral negotiations and processes.** The UN Regional Collaborative Platforms, Issue-based coalitions and other regional mechanisms and fora, especially the Regional Fora for Sustainable Development and Regional Fora of Ministers – of Environment and other sectors – all provide opportunities to discuss action on biodiversity loss. These mechanisms and fora can serve as a platform for the design, follow-up and monitoring of regional plans, priorities and the implementation of global agreements. The regional level is a vital bridge to the global level and national levels respectively, and provides a platform to engage on the management of the global environmental commons, its linkages to transboundary or multi-country challenges, regional human rights mechanisms and relevant regional law⁴¹.
32. **#8: Regional development banks are engaged to integrate biodiversity conservation and nature-based solutions in economic models, and design incentives and policies for investment in ecological and social sustainability.** Scenario analysis and futures/foresight thinking and approaches could be used to engage clients, and explore alternative pathways for e.g. infrastructure development, taking into consideration climate change scenarios, disaster risk considerations, social impacts, environmental degradation and the restoration of ecological infrastructure for adaptation. Financial institutions could develop blended public-private approaches that share the costs and benefits of investing in sustainable infrastructure.

C. National implementation⁴²

33. **#9: UN Resident Coordinators and UN Country Teams support Member States to implement MEA decisions⁴³, through the UN Sustainable Development Cooperation Frameworks and the COVID-19 Socio-Economic Response Plans⁴⁴.** A mainstreaming approach is needed that promotes a shift away from minimizing the harm of activities that deplete biodiversity, towards proactive support of green economy decent jobs and ecosystem resilience⁴⁵, reducing disaster risks, including related to pandemics. The decisions of the Conferences of the Parties to the biodiversity-related conventions and Members of other biodiversity-related agreements require: robust systems for planning⁴⁶; convening multi-stakeholder processes and brokering

⁴¹ For example, the Escazu Agreement and the Aarhus Convention.

⁴² Including advocacy, coordination, policy and programming support at national level, in line with the three Impact Areas of the common approach.

⁴³ Including relevant UN global goals and targets, such as the Global Forest Goals of the UN Strategic Plan for Forests.

⁴⁴ This includes recommendations from the UN Human Rights Treaty Bodies, the Special Procedures of the Human Rights Council, and the UN Universal Periodic Review.

⁴⁵ See <https://ipbes.net/guide-production-assessments> for more information.

⁴⁶ Guidance and tools similar to the [UN Common Approach to Resilience](#) could be developed to support UN Country Teams.

cross-sectoral and multi-institutional cooperation and partnerships; creating policy instruments and legislation; and developing capacities for monitoring and reporting systems⁴⁷.

34. **#10: UN Resident Coordinators and UN Country Teams support the inclusion of biodiversity and nature-based solutions in Integrated National Financing Frameworks (INFF).** UN entities can support country access to resources to implement the post-2020 global biodiversity framework and the nature-dependent elements of the SDGs, including through existing multilateral mechanisms⁴⁸ and joint programmes. Mobilizing public and private, domestic and international resources can create blended finance options to mitigate the negative distribution effects in the early years of a longer-term transformation of the economy⁴⁹.
35. **#11: UN Country Teams promote environmental and intergenerational justice as an integral part of the UN's advocacy on human rights, rule of law and governance.** Cross-sectoral approaches are needed that support dialogue among resource-related ministries, gender and human rights institutions, with the criminal justice system, anti-corruption authorities and fiscal authorities. Cooperation across disciplines highlights that all have a role to play and requires coherent policies, tools and capacity to respond to the biodiversity and climate agendas. Recognition and protection of the individual and collective rights to lands, resources, knowledge, and territories of those most affected by environmental harms can have positive effects for both people and planet.⁵⁰
36. **#12: UN Country Teams facilitate inclusive multi-stakeholder partnerships and promote networking to resolve development conflicts, nexus issues and landscape/seascape level challenges in a transparent and equitable manner.** There is an urgent need to better protect the individual and collective rights of all persons, groups and peoples in ways that allow them to more equitably benefit from nature and ecosystem services and sustainable economies. UN Country Teams should take measures to empower and protect people, particularly environmental human rights defenders, to meaningfully participate in development matters and access justice for environmental harms without fear of reprisal. Effective approaches are needed to recognise stewardship, address the role of criminal organizations and corruption, harmonize policies across sectors and coordinate action across jurisdictions, and thus account for ecological and social differences across landscapes.

IV. Accountability – coherent and collective action on biodiversity

37. The common approach and actions for nature will be implemented by the collaborative efforts of relevant United Nations entities at the global, regional and national level, taking into consideration the strengths and mandate of each entity based on the impact areas, together with relevant inter-agency mechanisms and partnerships, including those that are operationally oriented or mandated. Coherent and collective action,

⁴⁷ For example, the LNOB section of the UNSDCF would identify the groups and ecosystems most vulnerable to the loss of biodiversity, the economic transformation section would include impact and dependency analysis of economic sectors and ecosystem services; the human rights section would look at environmental rights and environmental human rights. defenders; ecosystem state and trends might feature in the risk analysis, transboundary analysis or cross pillar analysis sections; green and sustainable financing options might be included in SDG financing analysis section.

⁴⁸ Existing mechanisms include the Global Mechanism (GM) established under Article 21 of the United Nations Convention to Combat Desertification (UNCCD) to assist countries in the mobilization of financial resources to implement the Convention and address desertification, land degradation and drought. Moreover, the UN Forum on Forests (UNFF) carries out its forest financing activities through the Global Forest Financing Facilitation Network (GFFFN).

⁴⁹ IRP, 2019. [Global Resources Outlook 2019: Natural Resources for the Future We Want](#).

⁵⁰ IPCC Special Report on climate change, desertification, land degradation, sustainable land management, food security, and greenhouse gas fluxes in terrestrial ecosystems, https://www.ipcc.ch/site/assets/uploads/sites/4/2020/07/03_Technical-Summary-TS_V2.pdf

grounded in the principles of the UN Charter, will have a strong foundation in evidence and knowledge, providing an effective science–policy–practice continuum to UN programming on biodiversity at all levels.

A. Internal policy alignment and coherence

38. **#1: The UN system can prove its commitment to biodiversity and nature-based solutions through its corporate behaviour.** The UN 2020-2030 Sustainability Strategy Phase I “Environmental Sustainability in the area of management” commits UN entities to a set of corporate environmental objectives including the mainstreaming and disclosure of performance on biodiversity-related measures for its facilities and operational portfolio. Following the mitigation hierarchy, UN entities need to assess the potential impact of their corporate choices on biodiversity and offset unavoidable and complex adverse impacts. Where possible and with reasonable resources, this should be complemented by on-site and off-site ecological enhancement, including through seeking nature-based solutions to improve the overall organization’s footprint.
39. Taking advantage from existing and relevant interagency networks, UN entities could jointly develop targeted biodiversity guidance for specific management functions, training and capacity building, as well as a best practices exchange system. In the context of the reforms, and with the goal to show leadership of the UN on the ground, UN Resident Coordinators can promote biodiversity and other environmental considerations are integrated in the Business Operations Strategy (BOS) and Enterprise Risk Management (ERM) to support the work of Country Teams.
40. **#2: The UN system needs to lead by example in its policy, programme planning and implementation.** In implementing the common approach on biodiversity and nature-based solutions, UN entities can build on the Model Approach to Environmental and Social Standards in UN Programming and on the UN 2020-2030 Sustainability Strategy Phase II, which is currently under development and will expand environmental and social sustainability requirements to UN programme planning and implementation.

B. Align current resources and mobilize additional joint financing

41. **#3: UN entities can review their current programming and resources to ensure that operations integrate biodiversity and nature-based solutions, prevent or account for negative impacts, and do not exacerbate and accelerate biodiversity loss.** UN entities can also help to drive biodiversity-friendly investment and avoid silo approaches by redirecting their financial flows towards more environment- and people-friendly outcomes.
42. **#4: Collaborative efforts can support the creation and capitalization of new pooled funding mechanisms for joint programming needed to restore our relationship to biodiversity and ecosystem services at scale.** For instance, a multi-partner trust fund could be created and/or new windows could be embedded in existing funds. This would highlight biodiversity’s underpinning value for sustainable development and harness the potential of UN collective action. The appropriate standards aligned with the UN Model Approach to Environmental and Social Safeguards shall apply to all funding.

C. Exchange knowledge needed to identify, prioritize, scale up and accelerate action

43. **#5: Working together, UN system data, knowledge and expertise can be leveraged at all levels** to provide capacity building in support of the implementation of Member States’ obligations and commitments, post-pandemic recovery plans and the biodiversity-dependent elements of the SDGs. For example, a series of thematic webinars and training seminars could be supported by the UN Environment Management Group and other entities to raise awareness on biodiversity linkages to the key areas of work of the UN development system.

44. **#6: Knowledge-sharing via the UN regional mechanisms, notably Regional Collaborative Platforms, Regional Issue-based coalitions and Regional Peer Support Groups** can strengthen intra-regional advocacy, engagement and technical work on issues such as environmental degradation, climate resilience and migration. Increased collaboration at, and among, the UN regional mechanisms can increase visibility of biodiversity and nature-based solutions for the Resident Coordinator Offices and UN Country Teams, while also drawing on and informing global level UN collaboration.
45. **#7: Greater engagement with and visibility of biodiversity in existing global coordination mechanisms**, such as UN-Water, UN-Oceans, UN-Energy, UN-Nutrition, EMG, and the Collaborative Partnerships on Forests and on Wildlife, as well as specialized data platforms such as integrated biodiversity assessment tools⁵¹, the UN Biodiversity Lab, the SEEA Ecosystem Accounting⁵², the SDG6 Global Acceleration Framework, and the Climate Adaptation Knowledge Hub⁵³, among others, can support interdisciplinary knowledge development and information exchange to identify and document best practices and accelerate cross-sectoral and cross-country solutions.

D. Coordinate outreach and communications efforts

46. **#8: UN entities can contribute to and use coherent narratives during the UN Decades of Action for SDGs, on Ecosystem Restoration, on Family Farming and on Ocean Science for Sustainable Development.** Common narratives can articulate the science-policy-practice linkages to inspire nature-positive actions. Joint advocacy should inform post-COVID recovery agendas, provide evidence how biodiversity underpins the delivery of the SDGs, and focus material and non-material benefits from action to the economy and trade. Combined efforts are needed to engage institutions from the public, private and civil society sectors beyond the environment and conservation sectors.
47. **#9: UN entities can coordinate efforts to capitalize on the political leadership, key outcomes and messages of the UNGA Summit on Biodiversity⁵⁴ held in September 2020.** Outputs could include broadening political support for the climate action and biodiversity agendas across the constituencies of UN entities, securing the ambitious policies and targets, and creating momentum and capacity for implementation. The UN system can convene high-level dialogues on the nexus of biodiversity, climate change and justice system agendas to develop inclusive and multi- governance approaches.

V. Reporting

48. It is recognized that UN System entities have reporting obligations individually on the implementation of the SDGs and, where relevant, their contribution to the anticipated post-2020 Global Biodiversity Framework. These measures of support and progress are also collated and reported on collectively, as well as on other UN system-wide strategies and action plans.
49. Providing the evidence of the implementation of the common approach on biodiversity and nature-based solutions can draw on existing reporting, and include a limited number of measurable targets and the associated indicators, while helping UN entities to accomplish their strategies, programmes of work and

⁵¹ For example, [IBAT](#) and [B-INTACT](#)

⁵² See <https://seea.un.org/ecosystem-accounting>

⁵³ See: <https://www4.unfccc.int/sites/NWPStaging/Pages/Home.aspx>

⁵⁴ See <https://www.un.org/sg/en/content/sg/statement/2020-09-30/secretary-generals-remarks-united-nations-biodiversity-summit-delivered>

corporate environmental sustainability. To this end, existing UN system reporting mechanisms should increasingly take into consideration biodiversity-related targets and indicators.

50. In accordance with the 2020 QCPR resolution, the UN development system must report to the ECOSOC Operational Activities segment on the implementation of the common approach on biodiversity, among others, in the framework of the Secretary-General's report on the implementation of resolution 75/233. Tracking the UN system support to deliver on the SDGs and the 2030 Agenda can be done through the UN INFO⁵⁵ system at country level and the Regional Collaborative Platforms at regional level.
51. To monitor the progress achieved in creating coherent and collective actions on biodiversity and nature-based solutions in the UN system, it is proposed that the UN Environment Management Group (EMG) identifies a limited number of measurable targets and related indicators based on existing reporting mechanisms and compiles a mid-term and final report on the implementation of the common approach at the global level. This information will contribute to the Secretary-General report on the implementation of resolution 75/233.
52. Taking advantage of existing and relevant interagency networks (UNSDG common premises task team, HLCM procurement network, and others) UN entities could jointly develop targeted biodiversity guidance for specific management functions, training and capacity building, a best practices exchange system, and a common set of reporting indicators to track progress against the objectives of this CEB common approach and the UN system 2020-2030 strategy for environmental sustainability management.
53. Reporting on the integration of biodiversity in corporate management could be launched as part of the UN Greening the Blue⁵⁶ reporting exercise that highlights UN progress against its corporate environmental sustainability requirements. Through the Sustainable United Nations (SUN) Facility, UN entities could develop a common set of reporting indicators to track progress against the joint objectives of the common approach on biodiversity and 2020-2030 Sustainability Strategy.

VI. Timeline

54. The common approach on biodiversity is aligned with the UN decades and the intended timeline of the global biodiversity framework with launch and implementation foreseen for 2021-2030. 2021 milestones include adoption by CEB, development of indicators, as well as the public launch of the common approach at the CBD COP15 and other relevant international fora. A mid-point review is proposed for 2024.

⁵⁵ <https://uninfo.org/en/login>

⁵⁶ <https://www.greeningtheblue.org/>

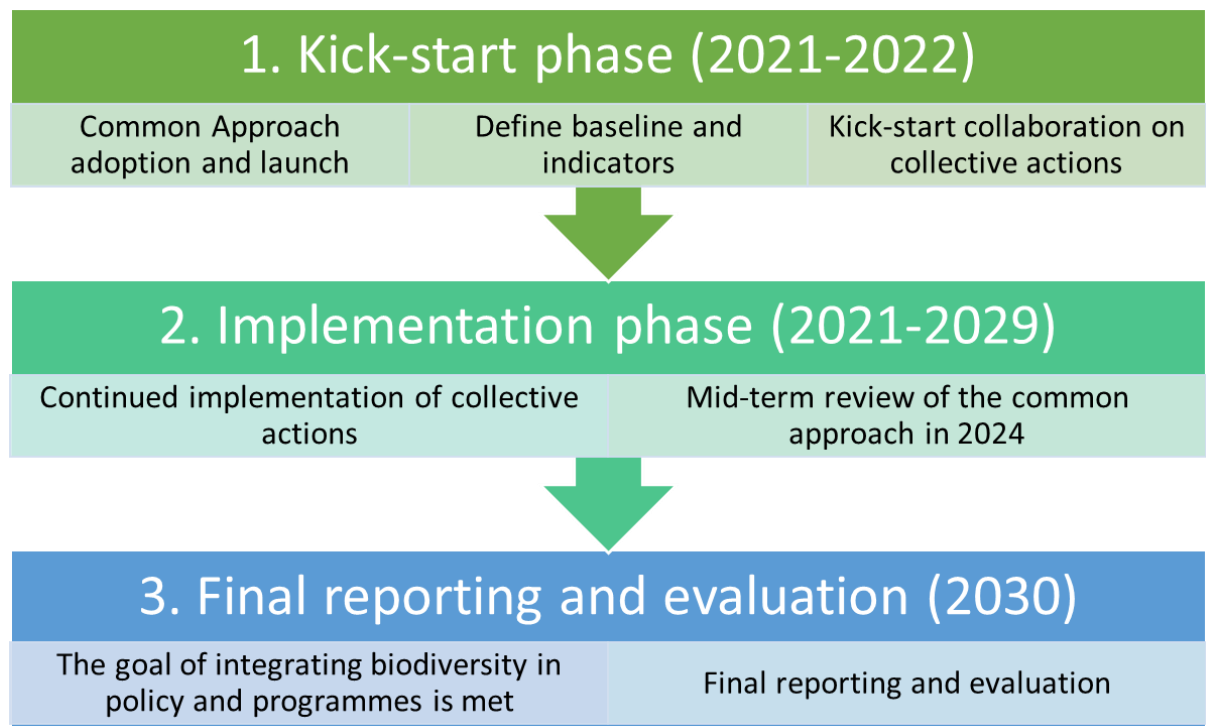


Figure 3: Proposed timeline for the common approach

VII. Conclusion

55. The UN system has an extraordinary reach to engage national governments and stakeholders and enormous potential to orchestrate collective action with impact for people, planet and prosperity. Through more strategic collaboration, it can draw on the expertise of individual funds, programmes and agencies, and leverage the collective efforts of the UN system to provide further impetus to the UN COVID-19 response. While shifting away from activities that deplete biodiversity, toward those supporting ecosystem resilience and providing opportunities for nature positive development pathways, the UN system could also help to bring awareness of the system risks involved with nature loss and promote measures to reduce the risks of future pandemics.
56. The common approach will enable UN system entities to align their efforts on the multitude of practical activities that contribute to sustainably using, restoring and safeguarding biodiversity, and which are required to achieve the Sustainable Development Goals. By doing so, it will ensure an integrated policy advice and more coherent support to Member States in their efforts to implement the post-2020 global biodiversity framework and the 2030 Agenda for Sustainable Development.

Annex I

Glossary

- **Biodiversity**

Biological diversity means the variability among living organisms from all sources including, inter alia, terrestrial, marine and other aquatic ecosystems and the ecological complexes of which they are part; this includes diversity within species, between species and of ecosystems. (Convention on Biological Diversity, Art. 2)

- **Circular economy**

Circular economy is defined as ‘an economy closing the loop between different life cycles through design and corporate actions/practices that enable recycling and reuse in order to use raw materials, goods and waste in a more efficient way. The circular economy concept distinguishes between technical and biological cycles, the circular economy is a continuous, positive development cycle. It preserves and enhances natural capital, optimises resource yields, and minimizes system risks by managing finite stocks and renewable flows, while reducing waste streams’, – Recommendation ITU-T L.1023

- **Nature**

Nature, as defined in the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) conceptual framework, refers to the natural world, with an emphasis on biodiversity. Within the context of science, it includes categories such as biodiversity, ecosystems, ecosystem functioning, evolution, the biosphere, humankind’s shared evolutionary heritage, and biocultural diversity. Within the context of other knowledge systems, it includes categories such as Mother Earth and systems of life. Nature contributes to societies through the provision of contributions to people.

For more information see IPBES, 2019. [Global assessment report on biodiversity and ecosystem services of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services](#). Published by the United Nations.

- **Natural capital**

Natural capital is another term for the stock of renewable and non-renewable natural resources on earth (e.g., plants, animals, air, water, soils, minerals) that combine to yield a flow of benefits or “services” to people. These flows can be ecosystem services or abiotic services, which provide value to business and to society. Ecosystem services are the benefits to people from ecosystems, such as timber, fiber, pollination, water regulation, climate regulation, recreation, mental health, and others. Abiotic services are benefits to people that do not depend on ecological processes but arise from fundamental geological processes and include the supply of minerals, metals, and oil and gas, as well as geothermal heat, wind, tides, and the annual seasons. Biodiversity is critical to the health and stability of natural capital as it provides resilience to shocks like floods

and droughts, and it supports fundamental processes such as the carbon and water cycles as well as soil formation. Therefore, biodiversity is both a part of natural capital and also underpins ecosystem services.

Source: https://capitalscoalition.org/capitals-approach/natural-capital-protocol/?fwp_filter_tabs=training_material

- **Nature-based solutions**

There is no internationally agreed definition of nature-based solutions. The following definition developed by the IUCN Global Standard for Nature-based Solutions is used here: “actions to protect, sustainably manage and restore natural or modified ecosystems that address societal challenges effectively and adaptively, simultaneously providing human well-being and biodiversity benefits”. Source:

<https://www.iucn.org/theme/nature-based-solutions/resources/iucn-global-standard-nbs>

- **One Health**

'One Health' is an approach to designing and implementing programmes, policies, legislation and research in which multiple sectors communicate and work together to achieve better public health outcomes. Many of the same microbes infect animals and humans, as they share the ecosystems they live in. Efforts by just one sector cannot prevent or eliminate the problem. The areas of work in which a One Health approach is particularly relevant include food safety, the control of zoonosis (diseases that can spread between animals and humans, such as flu, rabies and Rift Valley Fever), and combatting antibiotic resistance (when bacteria change after being exposed to antibiotics and become more difficult to treat). Source:

<https://www.who.int/news-room/q-a-detail/one-health>

- **Biodiversity and Pandemics**

The recent report of the Workshop on Biodiversity and Pandemics convened by IPBES, in its Executive Summary, noted that “Pandemics have their origins in diverse microbes carried by animal reservoirs, but their emergence is entirely driven by human activities. The underlying causes of pandemics are the same global environmental changes that drive biodiversity loss and climate change. These include land use change, agricultural expansion and intensification, and wildlife trade and consumption. These drivers of change bring wildlife, livestock, and people into closer contact, allowing animal microbes to move into people and lead to infections, sometimes outbreaks, and more rarely into true pandemics that spread through road networks, urban centres and global travel, and trade routes. The recent exponential rise in consumption and trade, driven by demand in developed countries and emerging economies, as well as by demographic pressure, has led to a series of emerging diseases that originate mainly in biodiverse developing countries, driven by global consumption patterns.” Source: <https://ipbes.net/pandemics>

Annex II

It is time to restore our relationship with nature

1. Biodiversity underpins our lives and well-being. It provides multiple essential benefits for all people, including food security, clean water, prevention and cure of diseases, resilience in the face of climate change and changing societal demands, and protection from extreme events and disasters. It ensures sustainable livelihoods and supports 1.2 billion jobs directly and many more indirectly⁵⁷, with half of the world's global economy being moderately to highly dependent on functioning ecosystems⁵⁸. It is also intrinsically linked with cultural diversity and our spiritual, physical and psychological well-being.
2. From a scientific standpoint, the fifth edition of the Global Biodiversity Outlook⁵⁹ released in September 2020, confirmed that countries have failed to meet the 2011-2020 Strategic Plan for Biodiversity, including its 20 Aichi Biodiversity Targets, suggesting the lack of progress toward sustainability. It indicated that global ambition to address the three pillars of sustainable development is limited by siloed approaches, where the value of biodiversity and ecosystem services are largely unaccounted and disconnected from socio-economic priorities⁶⁰. Biodiversity loss and ecosystem degradation jeopardize the effective enjoyment of human rights and progress towards the 2030 Agenda for Sustainable Development.
3. We are facing a complex crisis related to biodiversity loss, climate change and pollution. Biodiversity is in alarming decline around the world, with 1 million species at risk of extinction, 2 billion hectares of land degraded, two-thirds of the ocean adversely affected by human disturbance⁶¹ and an estimated 420 million hectares of forests lost worldwide through deforestation since 1990⁶². Human activities associated with unsustainable patterns of consumption and production are responsible for GHG emissions, pollution and biodiversity loss. The latest global scientific assessment identify land- and sea- use change, caused particularly by agricultural expansion and rapid urbanization, as the key drivers of biodiversity loss, together with direct exploitation of organisms, climate change, pollution, and invasive alien species⁶³.
4. Environmental degradation affects individuals and groups in a differentiated way⁶⁴ and typically places a disproportionate burden on women and girls, with more severe impacts felt by those in marginalized and vulnerable populations or locations. Unequal exposure occurs not only between, but also within countries, and at more granular scales such as among neighbourhoods in urban areas. Climate change and natural disasters can exacerbate threats that force people to flee within their country or across international borders.

⁵⁷ ILO 2018, World Economic and Social Outlook 2018: [Greening with Jobs](#)

⁵⁸ WEF, 2020. [Nature Risk Rising – Why the Crisis Engulfing Nature Matters for Business and the Economy](#).

⁵⁹ Secretariat of the Convention on Biological Diversity (2020). [Global Biodiversity Outlook 5, Summary for Policy-Makers](#).

⁶⁰ Secretariat of the Convention on Biological Diversity (2020). [Global Biodiversity Outlook 5, Summary for Policy-Makers](#).

⁶¹ IPBES, 2019. [Global assessment report on biodiversity and ecosystem services of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services](#).

⁶² FAO, 2020. [Global Forest Resources Assessment](#)

⁶³ IPBES, 2019. [Global assessment report on biodiversity and ecosystem services of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services](#).

⁶⁴ See also ILO's Persons with disabilities in a just transition to a low-carbon economy and Gender, labour and a just transition towards environmentally sustainable economies and societies for all

The interplay between climate, conflict, hunger, poverty and persecution creates increasingly complex emergencies. For example, food insecurity may become a major driver of conflicts and displacement⁶⁵.

5. The realization of human rights, including the human right to a safe, clean, healthy and sustainable environment, support for sustainable development and protection of the environment go together. Efforts to reduce poverty, increase resilience and reduce displacement should leave no one behind, including those located in semi-arid and arid lands, Small Island Developing States (SIDS) and Landlocked developing countries (LLDC). It is anticipated that failing to act now on long-term environmental risks will increase societal inequality and fragmentation and bring about dramatic consequences.
6. It is not too late to halt and reverse the decline of biodiversity and ecosystems. During the UN Summit on Biodiversity in 2020, global leaders reiterated their commitments to develop an ambitious *post-2020 global biodiversity framework* to be adopted at the 15th Conference of Parties to the Convention on Biological Diversity in 2021. Bold leadership and urgent actions across the whole of government and society, together with an inclusive and networked multi-governance approach. Such action can address the direct and underlying causes of biodiversity loss and the degradation of ecosystems, while shifting the course towards a nature positive future.
7. Our economic recovery path must lead to a transformation of society's relationship with nature. The protection and sustainable use of biodiversity must be integrated in policies that will guide post-pandemic economic and development recovery and building forward plans. The tools, instruments and knowledge are at hand, but will require clear and commensurate investments in nature. This means shifting investments and practices in all sectors to reflect and account for their impacts and dependencies on biodiversity and ecosystem services and prioritizing systemic transitions that work with and not against nature, and leave no one behind. An investment in the health of our planet is an essential investment in our own future.
8. The social consequences of the losses described above could be turned into opportunities to create decent jobs that enhance ecological integrity, economic prosperity and social wellbeing. The required economic transformation must include changing societal perceptions towards valuing and conserving biodiversity through public outreach and education, as societies cannot transform if what and how we learn remains the same. In the world of work, through which most people continue their learning and make their contribution to society, skills for a greener future remain a priority. This ranges from accelerating the transformation of the energy and other extractive sectors, to creating resilience through natural resource management and ecosystem restoration.
9. The coming decade provides *our last chance* to take the measures needed to ensure a healthy and prosperous future for people, planet and prosperity⁶⁶.

⁶⁵ UNHCR, 2020. [Global Trends: Forced Displacement in 2019](#).

⁶⁶ Key messages from the UN Biodiversity Summit on 30 September 2020.

Annex III

Context of the UN common approach on biodiversity and nature-based solutions

1. In March 2020, the Secretary-General called on the UN system to mainstream and integrate biodiversity in key areas, engage in cross-agency collaboration and enhance UN communications and advocacy⁶⁷. The UN System Chief Executives Board for Coordination (CEB) subsequently endorsed a stronger focus on nature across the UN system and tasked its High-level Committee on Programmes (HLCP) to develop a common approach to integrating biodiversity and nature-based solutions⁶⁸ for sustainable development into the UN's policy and programme planning and delivery⁶⁹.
2. The UN system supports Parties to the Multilateral Environmental Agreements (MEAs), such as the biodiversity-related conventions⁷⁰ and agreements, as well as other relevant multilateral frameworks and the UN goals and targets, which provide a critical component of international cooperation and governance. The widespread adoption, funding and implementation of these multilateral frameworks provide a pathway to address global challenges, and promote fairness, human rights protection, navigating common obstacles, and compensating for unequal burdens, responsibilities and capabilities.
3. The UN Decade of Action to deliver the SDGs, as well as the UN Decades on Ecosystem Restoration, on Family Farming, on Action on Nutrition, on Ocean Science-, and on Action on Water for Sustainable Development, will engage the global community to accelerate the delivery of agreed international goals and achieve progress towards inclusive sustainable development. The UN Decades provide opportunities across the UN system for coordinated planning, implementation and monitoring; joint advocacy; scaling up financing and innovative sources of funding; generation and exchange of knowledge and resources; as well as inclusive multi-stakeholder dialogues, partnerships and networks.
4. Furthermore, in the context of the reform of the UN Development System, the General Assembly, through its resolution 75/233 on the Quadrennial comprehensive policy review of operational activities for development of the United Nations system⁷¹, called upon the entities of the UN Development System (UNDS) to continue to provide evidence-based and integrated policy advice and programmatic support to help countries in the implementation of, follow-up to and reporting on the 2030 Agenda for Sustainable Development. Emphasis was placed on mainstreaming the SDGs into national plans, including by promoting sustained and inclusive economic growth, social development and environmental protection, and ending poverty in all its forms and dimensions.
5. The General Assembly also called upon the entities of the UNDS to: adopt and mainstream a more climate- and environment-responsive approach into their programmes and strategic plans, where appropriate, as well

⁶⁷ Executive Committee decision 2020/21 of 25 March 2020

⁶⁸ There is no internationally agreed definition of nature-based solutions. The definition developed by [IUCN Global Standard for Nature-based Solutions](#) is used here.

⁶⁹ CEB meeting on 14 May 2020

⁷⁰ <https://www.cbd.int/brc/>

⁷¹ United Nations, Resolution adopted by the General Assembly on 21 December 2020. *Quadrennial comprehensive policy review of operational activities for development of the United Nations system*. [A/RES/75/233](#)

as in cooperation frameworks; advance the development of a system-wide approach, implement measures and report regularly to their respective governing bodies, through existing reporting and mandates, on their efforts to reduce their climate and environmental footprint; ensure consistency of their operations and programmes with low emissions and climate-resilient development pathways; stressing the urgency of climate action and contribute to the post-2020 global biodiversity framework, and; fulfil their pledges made at the 2019 Climate Action Summit and follow-up on the 2020 UN Summit on Biodiversity.

6. In addition, the General Assembly requested the Secretary-General to ensure full and effective implementation of the UN System Strategic Approach on Climate Change Action as well as of the UN System-Wide framework of Strategies on the Environment, and of their future revisions, and continue working towards the development of a common approach to integrating biodiversity and ecosystem-based approaches for sustainable development into the UN's policy and programme planning and delivery, with a view to its swift and effective implementation across the UN system in accordance with national development policies, plans, priorities and needs.

Annex IV

50+ ways to integrating biodiversity and nature-based solutions – a UN system commitment to collective action for people and planet

Please see **CEB/2021/HLCP41/CRP.2 (Annex IV)** - Annex IV: 50+ ways to integrating biodiversity and nature-based solutions – a UN system commitment to collective action for people and planet.

Annex IV

50+ ways to integrating biodiversity and nature-based solutions – a UN system commitment to collective action for people and planet

- The following table provides an illustrative list of practical interventions the UN system can pursue jointly as part of the common approach on biodiversity and nature-based solutions. The table is structured according to the 3 impact areas and 15 medium-term objectives of the common approach. The first column presents a non-exhaustive list of actions that the UN system can pursue at all levels to implement the common approach. Column two expands on potential examples to operationalize each action, while columns three and four identify which UN entity could be involved and what already-existing resources the actions could build on. Finally, a link to the Sustainable Development Goals (SDGs) is established in column five.

A. Human rights, peaceful societies and planetary stability

#1: Human rights are protected and can be exercised, including the right to a safe, clean, healthy and sustainable environment.

| Action | Operational examples | Potential collective action by ¹ : | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
|---|--|---|--|-------------------------|
| 1. Support the Secretary-General's Call to Action for Human Rights | <ul style="list-style-type: none"> Increase UN support for laws and policies that protect and promote the right to a safe, clean, healthy and sustainable environment, and for effective individual access to justice and effective remedies for environment-related rights violations and abuses. Increase UN support for the development of protection mechanisms for human rights | All UN Entities, in particular UNEP, UNDP and OHCHR | <ul style="list-style-type: none"> SG C2A Human Rights Up Front initiative | 05 10 13 14 15 16 17 |

¹ Including collaborations with Secretariats of the Multilateral Environmental Agreements (MEAs).

| | | | | |
|---|---|--|--|----------------|
| | defenders and environmental and climate activists, particularly indigenous peoples and local communities, children, young people, women and girls. | | | |
| 2. Fulfill the right to a safe, clean, healthy and sustainable environment | <ul style="list-style-type: none"> ● Address biodiversity and habitat loss and prevent its negative impacts on human rights. ● Ensure equity in actions to address biodiversity loss and in the use of the benefits of biodiversity. ● Ensure meaningful and informed participation including in land and resource governance. ● Support Member States to fulfil their human rights obligations relating to biodiversity and the environment stemming from international human rights and environmental treaties and recommendations of inter-governmental bodies. ● Support and protect rights of nature, where applicable, and those of environmental human rights defenders. ● Promote effective participation of indigenous peoples in ecosystem management and guarantee their free, prior and informed consent in actions that affect their rights. | <p>UNEP, UNDP, OHCHR, FAO, IFAD, CBD, CITES, CMS, Ramsar Convention, UNCCD, UNECE, UNESCO designated sites, ILO, UNICEF, UNFCCC, UNESCWA, ECA, WFP</p> | <ul style="list-style-type: none"> ● SG's Call to Action for Human Rights ● UN Human Rights Council ● UN Decade on Ecosystem Restoration ● UN Decade of Ocean Science for Sustainable Development ● The Bonn Challenge ● MAB programme and its World Network of Biosphere Reserves, World Heritage Convention ● UNFCCC Nairobi work programme on vulnerability, impacts and adaptation to climate change (NWP) ● Local Communities and Indigenous Peoples Platform (LCIPP) under the UNFCCC ● Warsaw International Mechanism for Loss and | 02 06 13 14 15 |

| | | | | |
|---|--|---|---|--|
| | <ul style="list-style-type: none"> Promote procedural rights at local and community level including for meaningful participation, access to information, and access to justice in environmental matters for all. | | <p>Damage (WIM) under the UNFCCC</p> <ul style="list-style-type: none"> ILO Employment-Intensive Investment Programme (EIIP) Green Works UNDP Environmental Governance Programme for Mining | |
| 3. Ensure access to clean water and sanitation for all | <ul style="list-style-type: none"> Use nature-based solutions for water and wastewater management. Enhance water use efficiency in agriculture. Enhance water reuse in urban areas. Promote sustainable freshwater extraction. Promote innovations for the use of new water sources (e.g. fog harvesting). Promote representation of women and girls in water management bodies. Promote equitable access to water that considers situations of vulnerability. Ensure relevant actions are based on international human rights law and standards relating to the right to water (e.g. availability, quality, acceptability, accessibility, affordability, etc.). | WHO, BRS, UNDP, UNEP, UNESCO, UNFCCC, UNICEF, FAO, UNIDO, IOM, UN Women, OCHA, UNU, IFAD, IAEA, ILO, UN-Habitat, UNESCWA, WFP | <ul style="list-style-type: none"> UN-Water Global Wastewater Initiative (GW²I) UNU Water Network UNESCO IHP Ecohydrology Programme UNESCO IHP water harvesting and water scarcity National Adaptation Plans under the UNFCCC Megacities Alliance for Water and Climate UN-Habitat Global Water Operators' Partnerships Alliance (GWOPA) | 02 03 05 06 07 09 11 12 13 14 15 |

| | | | | |
|---|---|--|---|-------------------------|
| | <ul style="list-style-type: none"> Promote public works and asset creation programs to improve access to water and sanitation, contain and reduce the spread of invasive alien species, and create jobs for targeted groups. | | <ul style="list-style-type: none"> Global Water Security Issues UNESCO IHP Water for Human Settlements Chairs and Centers network | |
| 4. Ensure right to adequate food | <ul style="list-style-type: none"> Promote and protect the security of land tenure, especially with respect to women, indigenous peoples, and poor and disadvantaged groups. Protection of relevant traditional knowledge and equitable participation in sharing benefits arising from the use of genetic resources for food and agriculture. Enhance environmental protection by ensuring appropriate biosafety safeguards. Protect ecological sustainability and the carrying capacity of ecosystems to ensure the possibility for increased, sustainable food production. Take measures to prevent and address malnutrition, maintain, adapt or strengthen dietary diversity and healthy eating habits and food preparation, as well as feeding patterns. Ensure relevant actions are based on international human rights law and standards relating to the right to food (e.g. availability, accessibility, adequacy, sustainability, etc.) | IFAD, CBD, FAO, UNFPA, UNICEF, UNDP, UNEP, ILO, IAEA, UNESCWA, UNFCCC, WIPO, WFP | <ul style="list-style-type: none"> UN Food Systems Summit FAO Programme Right to Food Outcomes and follow up to Regional Food Systems Dialogues (ESCWA, FAO-RNE, IFAD, WFP) Issue Based Coalition (IBC) on Food Security, Climate Action and Environment in the Arab Region Koronivia joint work on agriculture under the UNFCCC | 01 02 03 06 13 14 15 |

#2: Persons, groups and people in vulnerable situations, particularly those who rely on natural resources for subsistence and cultural identity, and who are disproportionately affected by environmental degradation, are prioritized.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
|---|---|---|--|--------------|
| 5. Build sustainability and resilience while empowering indigenous peoples and local communities | <ul style="list-style-type: none"> ● Recognize and empower indigenous peoples and local communities as both users and custodians of biodiversity and ecosystems. ● Promote sustainable use and trade of terrestrial, marine and other aquatic biodiversity-based products and services that generate livelihoods for indigenous peoples and local communities. ● Facilitate greater benefit sharing and governance opportunities for indigenous peoples and local communities in relation to natural resource stewardship, conservation and sustainable use. ● Promote regional and international recognition of indigenous knowledge, skills, competencies and livelihoods. ● Enhance the engagement of local communities and indigenous peoples in the international climate change policy process | UNDP, UNEP, UNESCO, UNICEF, FAO, IOM, ILO, UN Women, OHCHR, CBD, UNDESA, UNODC, UNU, IFAD, UNFCCC, UNCTAD, ECA, WIPO, WFP | <ul style="list-style-type: none"> ● UN Permanent Forum on Indigenous Issues ● UNESCO's Local and Indigenous Knowledge Systems programme (LINKS) ● Satoyama Initiative ● UNFCCC Local Communities and Indigenous Peoples Platform (LCIPP)UNDP-managed GEF Small Grants Programme ● UNCTAD BioTrade Initiative | 02 14 15 17 |

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| | <ul style="list-style-type: none"> • Empower indigenous peoples and local communities to engage in sustainability policies and actions. • Ensure Indigenous Peoples' free, prior and informed consent in any environmental decision-making or policy that affects them. | | | |
| 6. Use nature conservation for conflict prevention and reduce conflict impact on biodiversity | <ul style="list-style-type: none"> • Reduce impact of conflicts on natural resources that sustain livelihoods and ecosystems. • Ensure that action on biodiversity is part of conflict prevention, peacekeeping and peacebuilding strategies. • Catalyze community-based ecosystem restoration and sustainable reconstruction projects in sites damaged by or vulnerable to conflicts and disasters. • Promote nature conservation actions as means to prevent and mitigate conflict and address the harmful drivers of migration. | DPO, DOS, UNEP, UNOCHA, UNHCR, IOM, WFP | <ul style="list-style-type: none"> • DPO - DOS Environmental Policy for UN Field Missions • Great Green Wall Initiative • UNFICYP Youth Champions for Environment & Peace | 13 14 15 16 17 |
| 7. Strengthen the links between biodiversity conservation and poverty alleviation | <ul style="list-style-type: none"> • Support increased research on the improvement of underutilized local crops (land- and ocean-based) for food and nutrition security. • Enhance Payments for Ecosystem Services (PES) and other income generating livelihood support programs. | FAO, IFAD, IAEA, ILO, WTO, UNDP, UNFPA, UNHCR, WFP, UNICEF UNWTO, UNDP, UNEP, CBD, CMS, UNU, | <ul style="list-style-type: none"> • UNEP-UNDP Poverty-Environment Action • UN-REDD Programme • The Economics of Ecosystems and Biodiversity (TEEB) initiative | 01 02 08 10 11 13 14 15 16 17 |

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| | <ul style="list-style-type: none"> ● Collect sex-, disability- and age-disaggregated data on the distribution of PES. ● Support improvement in benefit sharing, including sustainable use and complementary economic development for communities. ● Promote norms and methods to empower coastal and island communities in conservation and sustainable use of coastal and marine resources, including the use of traditional systems of governance and decision-making. ● Promote public investments that create labor-based inclusive job opportunities through Green Works. ● Promote sustainable tourism, including ecotourism, as a tool for fighting poverty and contribute to sustainable development, in particular to the conservation and sustainable use of biodiversity and natural resources. | UNCTAD, UNESCO designated sites, UNDESA, ECA, WIPO | <ul style="list-style-type: none"> ● GEF Small Grants Programme (SGP) ● Equator Initiative ● PES schemes ● UNCTAD BioTrade Initiative, Oceans Economy and Fisheries Programme and VSS programme ● United Nations Forum on Sustainability Standards ● Satoyama Initiative ● Report of the Secretary-General of the World Tourism Organization (UNWTO) transmitted by the Secretary-General of the UN on Promotion of sustainable tourism, including ecotourism, for poverty eradication and environment protection ● Great Green Wall Initiative | |
| 8. Address all forms of inequality and exclusion in sustainable use and management of biodiversity | <ul style="list-style-type: none"> ● Empower women, youth, people with disabilities, racial and ethnic minorities, marginalized and crisis affected groups, including through social protection systems, skills development, entrepreneurship, green and decent job opportunities. | UNDP, UNEP, UNESCO, UNICEF, UNWTO, FAO, IOM, ILO, UN Women, OHCHR, CBD, | <ul style="list-style-type: none"> ● Report of the UN Special Rapporteur on human rights and environment ● UN Woman - Towards a gender-responsive implementation of the CBD | 04 10 14 15 16 17 |

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| | <ul style="list-style-type: none"> • Ensure equal access, use and control of natural resources. • Secure equitable land tenure and governance. • Support innovation in land claims registration (including through blockchain technology) and promote and protect traditional and communal land tenure systems. • Address the decoupling of environmental effects. • Incorporate risk management approaches for the deployment of modern biotechnology. • Develop and promote gender-responsive planning, data collection and reporting. • Promote a more sustainable tourism model based on social and financial inclusion and the conservation and protection of the environment | UNDESA, UNFCCC, UNU, ECA, IFAD, WFP | <ul style="list-style-type: none"> • Lima work programme on gender and its gender action plan under the UNFCCC • Satoyama Initiative • Report of the Secretary-General of the UNWTO transmitted by the Secretary-General of the UN on the Promotion of sustainable tourism, including ecotourism, for poverty eradication and environment protection | |
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#3: A One Health approach is implemented, and the interconnections among people, animals and ecosystems are recognized.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
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| 9. Prevent the emergence of zoonotic diseases | <ul style="list-style-type: none"> • Mainstream and implement “One-Health” approaches. | WHO, CBD UNFCCC, UNDP, UNEP, CMS, | <ul style="list-style-type: none"> • WHO Manifesto for a healthy and green post-COVID recovery | 03 11 13 14 15 16 |

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| | <ul style="list-style-type: none"> ● Increase countries' capacity to detect and monitor actual and potential pathogens. ● Support the exchange of risk assessment and risk management information on global platforms. ● Increase action against wildlife trafficking to prevent future wildlife-related pandemics. ● Support evidence-based assessment of locations posing high risk of transmitting zoonotic diseases (e.g. wet markets, pet markets, restaurants, breeding facilities, inter alia) and provide options and solutions to and in collaboration with respective governments and regional (economic) groupings to minimize the risks. | FAO, IAEA CITES, UNAIDS, UNESCO, UNODC, UN- Habitat, ECA, UNWTO | <ul style="list-style-type: none"> ● WHO-CBD Interagency Liaison Group on Biodiversity and Health ● UNODC-led initiative SAFE ● UN-Habitat City-Wide Public Space Strategies ● One Planet Vision for a Responsible Recovery of the Tourism Sector | |
| 10. Improve the quality of urbanization and limit encroachment | <ul style="list-style-type: none"> ● Integrate the consideration of ecosystem impacts in city planning, expansion and zoning. ● Incorporate well-planned natural habitats into cities. | UN-Habitat, UNEP, UNFCCC | <ul style="list-style-type: none"> ● UN-Habitat City-Wide Public Space Strategies ● UNEP's Sustainable Cities Impact Programme ● Nairobi work programme (NWP) under the UNFCCC | 03 11 13 14 15 |
| 11. Reduce pollution from all sources, including plastic | <ul style="list-style-type: none"> ● Promote ratification/accession and implementation of international treaties, global standards and regulations. | UNDP, UNEP, BRS, UN- Habitat, ICAO, ITU, UNICEF, UPU, CMS, | <ul style="list-style-type: none"> ● Climate and Clean Air Coalition ● New Plastics Economy Global Commitment | 03 06 07 09 10 11 12 14 15 17 |

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| | <ul style="list-style-type: none"> • Promote green infrastructure, sustainable manufacturing, and biofiltration for air, soil and water pollution. • Mobilize global responses to halt plastic pollution and monitor impacts on wildlife. • Promote smart lighting and noise management on land and seascape. • Include Environmental Impact Assessments (EIAs) for all constructions on land and seascape. • Enhance international coordination of seismic surveying or resulting data. • Monitor water quality and quantity. • Provide a platform for the tourism sector in its fight against plastic pollution, triggering action in the sector and beyond. | IMO, UNU, UNCTAD, ICAO, IAEA, UNESCO, ECA, UNWTO | <ul style="list-style-type: none"> • UNU Water Network • UNCTAD Sustainable Manufacturing and Environmental Pollution • UN Decade of Ocean Sciences for Sustainable Development • Sources to Sea Platform • Group of Experts on the Scientific Aspects of Marine Environmental Protection (GESAMP) • International Initiative on Water Quality (IIWQ) – UNESCO • Global Tourism Plastics Initiative (led by UNWTO/UNEP) | |
| 12. Stop ocean pollution | <ul style="list-style-type: none"> • Understand and map land and sea-based sources of pollutants and contaminants and their potential impacts on human health, ocean ecosystems, livelihood of coastal and/or ocean-dependent communities, and economic growth. | UNDP, UNEP, BRS, CMS, IMO, IAEA, UNESCO IOC, IMO/London Protocol, UNCTAD, ECA | <ul style="list-style-type: none"> • UN Decade of Ocean Science for Sustainable Development • Global Partnership on Marine Litter • GOA-ON Initiative | 03 06 09 12 14 17 |

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| | <ul style="list-style-type: none"> • Develop integrated solutions to remove or mitigate pollutants and contaminants. • Monitor and reduce bioaccumulation of toxins. • Test innovative clean up of water-borne microplastics (including before they reach the ocean). • Use bioremediation and negative emission technologies to extract pollutants, including residuals from marine munitions. • Assess the extent of ocean acidification. | | <ul style="list-style-type: none"> • UNCTAD Sustainable Manufacturing and Environmental Pollution | |
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#4: Nature is conserved and restored, while nature-based solutions for disaster risk reduction, climate action are accelerated.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
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| 13. Prevent risks from climate change, including extreme weather events | <ul style="list-style-type: none"> • Promote ecosystem-based adaptation. • Promote nature-based solutions for Disaster Risk Reduction including through asset creation and public works programs. • Integrate nature-based solutions with climate risk insurance programs. • Promote cooperation between traditional indigenous weather forecasting and scientific capacities to manage extreme weather events. | WMO, IOM, UNHCR, UNFCCC, UNICEF, Ramsar Convention, UNDP, UNU, UNESCO, UNESCO-IOC, ICAO, ILO, UNODC, UN ESCWA, UNODC, UNDRR, WFP | <ul style="list-style-type: none"> • Partnership for Environment and Disaster Risk Reduction (PEDRR) • UN-SPIDER • Sendai Framework for Disaster Risk Reduction • The Warsaw International Mechanism for Loss and Damage under the UNFCCC • Friends of EbA (FEBA) community • UN Decade of Ocean Science | 03 06 10 13 14 15 |

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| | <ul style="list-style-type: none"> ● Enhance observation, forecasts, predictions, early warning systems and community preparedness in the face of ocean-related risks. ● Support integrated climate security measures. ● Explore linkages between environmental degradation, conflict and migration. ● Enhance understanding of the context-specific nature of the risks and challenges across different time horizons. | | <p>for Sustainable Development</p> <ul style="list-style-type: none"> ● IOC Tsunami Programme ● UN Decade on Ecosystem Restoration ● UNFCCC Koronivia joint work on agriculture ● Megacities Alliance for Water and Climate ● UNESCO IHP Water for Human Settlements Chairs and Centers network ● Risk-Informed Early Action Partnership (REAP) ● InsuResilience Global Partnership | |
| 14. Halt habitat degradation and promote ecosystem restoration | <ul style="list-style-type: none"> ● Accelerate existing global and regional efforts to achieve ecosystem restoration at scale. ● Promote transboundary collaborations for the conservation and restoration of vulnerable ecosystems, such as coastal, mountain, and wetland. ● Promote integrated management of land and ocean environments to conserve and further avoid conversion of natural habitats. ● Maintain and restore critical habitats and unique ecosystems (e.g. fully or highly protected MPAs). ● Accelerate marine/maritime spatial planning for integrated approach to addressing ocean, | UNDP, UNEP, FAO, CBD, CITES, CMS, Ramsar Convention, UNCCD, IFAD, UNESCO, UNFCCC, UN-Habitat, ECA, WFP | <ul style="list-style-type: none"> ● UN Decade on Ecosystem Restoration ● UN Decade of Ocean Science for Sustainable Development ● UNESCO designated sites ● National Adaptation Plans under the UNFCCC ● UNESCO IHP Ecohydrology Programme ● Short Term Action Plan on Ecosystem Restoration ● Global Partnership on Forest Landscape Restoration | 05 10 14 15 |

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| | climate change and biodiversity nexus. <ul style="list-style-type: none"> ● Maintain and restore ecological connectivity that support species dispersal and migration. ● Improve urban-rural linkages. | | <ul style="list-style-type: none"> ● Forest Ecosystem Restoration Initiative (FERI) | |
| 15. Reverse deforestation and forest degradation | <ul style="list-style-type: none"> ● Promote participatory and sustainable afforestation, forest management and urban forestry practices. ● Promote measures and policies to halt forest loss and degradation, including through the UN-REDD Programme. ● Integrate ecosystem conservation and restoration in sectoral policies and measures and strategies. ● Support research and promote best practices on sustainable forest ecosystem restoration. ● Address illegal logging and corruption in the forestry sector. | UNEP, FAO, UNECE, UNCCD, UNDP, CITES, UNCTAD, UNESCO designated sites, UNDESA, UNFCCC, ECA, UNODC, WFP | <ul style="list-style-type: none"> ● UN-REDD Programme ● New York Declaration on Forest ● UN Forum on Forests ● UN Strategic Plan for Forests and its Global Forest Goals ● Global core set of forest-related indicators ● Collaborative Partnership on Forests ● Global Partnership on Forest Landscape Restoration ● Integrated UNECE/FAO Programme of Work on Forests ● Forest Ecosystem Restoration Initiative (FERI) | 06 09 10 12 13 14 15 17 |

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| 16. Prevent soil degradation and combat coastal erosion | <ul style="list-style-type: none"> ● Recognize the value of soil. ● Avoid incentives promoting soil degradation and instead devise positive incentives to reward sustainable land management. ● Promote the adaptive management of coasts, including through nature-based solutions. ● Protect and restore wetlands, coral reefs and mangrove forests. ● Increase resilience in the face of ocean acidification, oil spill accidents and sea level rise. ● Promote public works and asset creation programs to combat soil degradation and erosion and create jobsfor targeted groups. | UNDP, UNEP, FAO, IAEA, IFAD, Ramsar Convention, UNCCD, ILO, UNFCCC, UNESCO, UNESCWA, ECA, WFP | <ul style="list-style-type: none"> ● Land Degradation Neutrality (LDN) ● UN Decade of Ocean Science for Sustainable Development | 02 03 06 07 09 12 13 14 15 |
| 17. Reduce the emissions gap | <ul style="list-style-type: none"> ● Leverage climate and biodiversity co-benefits, while increasing carbon sequestration and natural resilience. ● Utilize the ability of forest, coastal and marine ecosystems to sequester carbon, including protection and restoration of mangroves, salt marshes, seagrass beds, and seaweeds. ● Reduce methane emissions, including through sustainable land livestock management practices. | UNDP, UNEP, IMF, WB, UNFCCC, FAO, IAEA, IFAD, IMO, ICAO | <ul style="list-style-type: none"> ● UNEP-IUCN Global Fund for Ecosystem-based Adaptation ● UN REDD Programme ● Koronivia joint work on agriculture under the UNFCCC ● Livestock Environmental Assessment and Performance Partnership (LEAP) ● London Protocol | 06 09 12 13 14 15 |

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| 18. Promote greening and blueing of our cities | <ul style="list-style-type: none"> ● Promote sustainable urban density. ● Promote nature-positive urban infrastructure and building design. ● Incorporate well-planned natural habitats into cities. ● Create networks of linked green spaces and biodiversity corridors. ● Promote planet-compatible urban utilities. ● Encourage sustainable urban and peri-urban agriculture. ● Strengthen capacity building to implement nature-based solutions (NbS) and green and blue infrastructure as a contribution to a green recovery from COVID-19. ● Strengthen capacity of local authorities to use nature-based solutions for disaster risk reduction and resilience. | UN-Habitat, UNICEF, FAO, UNDP, UNOPS, UNECE, UNFCCC, ITU, UNU, UNEP, UNDRR | <ul style="list-style-type: none"> ● Trees in Cities Challenge ● UNU Sustainable Urban Nature project ● FAO's Green Cities Initiative ● UNEP's Sustainable Cities Impact Programme ● UNEP/UN Habitat Greener Cities Partnership ● Nairobi work programme (NWP) under the UNFCCC ● Making Cities Resilient 2030 | 03 11 14 15 |
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#5: The links between biological and cultural diversity are recognized, and the protection of sites of international importance for biological and cultural diversity enhanced.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
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| 19. Strengthen the links between biodiversity and cultural diversity | <ul style="list-style-type: none"> Promote the benefits of nature's non-material contributions including indigenous knowledge and cultural. Ensure availability of research and information on traditional knowledge and cultural practices that contribute to biodiversity conservation. Enhance protection of sites of international importance for biological and cultural diversity. Enhance knowledge of the cultural values of the ocean and embrace the role of indigenous and local knowledge to contribute to solutions for biodiversity protection. Promotes the exchange of experience and best practices with a view to applying, strengthening, protecting and preserving traditional knowledge, knowledge of indigenous peoples and local knowledge systems, taking into account the free, prior | UNESCO, UNFCCC, CBD, UNU, ECA, WIPO | <ul style="list-style-type: none"> UNESCO 2003 Convention for the Safeguarding of the Intangible Cultural Heritage UNESCO 1972 World Heritage Convention UNESCO MAB programme LCIPP under the UNFCCC UN Decade of Ocean Science for Sustainable Development Satoyama Initiative UNU-IAS Operating Unit Ishikawa/Kanazawa (OUIK) Biocultural Diversity Initiative | 04 14 15 |

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| | and informed consent of the holders of such knowledge. | | | |
| 20. Promote education and the generation, sharing and use of knowledge | <ul style="list-style-type: none"> ● Ensure that all decision makers and other stakeholders have access to reliable and up-to-date information for the effective management of biodiversity. ● Address the exclusion or blockages to indigenous and local knowledge contributing to national science capacity and decision-making. ● Ensure indigenous and local women's knowledge is recognized and valued. ● Support new technologies for bridging between indigenous knowledge systems and reliable biodiversity data. ● Promote the notion of nature's benefits to people and good quality of life. ● Enable transmission of cultural practices, knowledge and expressions that promote respect for and valuing of nature and living things to future generations, including through school meals programs. ● Issue guidance documents on managing biodiversity and ensure availability and sharing through open-source platforms. | <p>UNDP, UNEP, UNESCO, UNU, CMS, FAO, IAEA, CBD, Ramsar, UNCTAD, UNFCCC, UNICEF, UNESCO-IOC, UNDESA, ITC ILO, WIPO, WFP</p> | <ul style="list-style-type: none"> ● UNESCO Local and Indigenous Knowledge Systems (LINKS) programme ● UNESCO 2003 Convention for the Safeguarding of the Intangible Cultural Heritage ● UNESCO MAB programme ● UN Decade of Ocean Science for Sustainable Development ● UNESCO-IOC Ocean Biodiversity Information System ● UNESCO-IOC OceanTeacher Global Academy ● IOC/WMO/UNEP/ICSU Global Ocean Observing System ● UNESCO Education for Sustainable Development for 2030 framework (ESD for 2030) ● UNESCO IHP Water Education Programme | 03 04 14 15 16 |

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| | <ul style="list-style-type: none"> ● Support and scale up local solutions by sharing best practice across countries and regions. ● Promote Ocean Literacy across all sectors and generations as a means of inciting behavior change in relation to the use and protection of the ocean. ● Advocate for children and young people's right to receive a transformative education that equips them with knowledge, skills and values to tackle global challenges and, in this connection, for the integration of environmental and climate action as core curriculum components at all levels of education. ● Develop the capacities of media and journalists to provide accurate and reliable information on environmental issues. ● Support technology development and capacity building for the enhancement and sustainable use of biodiversity in crops and animals for food and nutritional security | | <ul style="list-style-type: none"> ● FAO Commission on Genetic Resources for Food and Agriculture ● LCIPP under the UNFCCC ● UNU postgraduate degree programmes ● UNU Regional Centers of Expertise on ESD (RCEs) network ● UNU Toolkit for the Indicators of Resilience in Socio-ecological Production Landscapes and Seascapes (SEPLS) ● UNCTAD BioTrade Initiative and the BioTrade Knowledge Sharing Platform (UNCTAD/ITC) ● Interactive Dialogues of the General Assembly on Harmony with Nature ● Biosafety Clearing House mechanism for the Cartagena Protocol on Biosafety | |
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| | | | <ul style="list-style-type: none"> ● ITC Standards Map and Sustainability Map platforms ● UNEP's Sustainable Cities Impact Programme ● UNESCO IHP Water for Human Settlements Chairs and Centers network ● Megacities Alliance for Water and Climate | |
| 21. Ensure fair and equitable sharing of benefits resulting from the utilization of genetic resources | <ul style="list-style-type: none"> ● Promote the fair and equitable sharing of benefits derived from the utilization of genetic resources including germplasm and genomics data. ● Promote the fair and equitable sharing of benefits derived from the utilization of traditional knowledge associated with genetic resources. | UNDP, UNESCO, FAO, IAEA, IFAD, CBD, UNEP, WIPO, UNCTAD, ECA | <ul style="list-style-type: none"> ● Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization ● International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA) ● UNCTAD BioTrade Initiative and Oceans Economy and Fisheries Programme | 01 02 14 15 |

B. A green and inclusive economic recovery

#6: Public and private finance and investments, especially those mobilized to respond to the COVID-19 induced crisis, accelerate green, just and inclusive socioeconomic transitions, including from the informal to formal economy.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
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| 22. Prevent loss of ecosystem services and natural capital | <ul style="list-style-type: none"> • Increase investments in natural capital stocks. • Increase standards for green private investments. • Promote nature-positive fiscal policies and incentives. • Promote the incorporation of natural capital in policymaking. • Promote nature-positive trade policies and incentives. • Align global finance with conservation objectives which have multiple benefits. • Avert, minimize and address non-economic losses associated with the adverse impacts of climate change, including the loss of ecosystem services and biodiversity • Promote climate investment that is at the least biodiversity neutral and ideally biodiversity positive. | IMF, WB, UNDP, UNEP, UNCTAD, ILO | <ul style="list-style-type: none"> • The Economics of Ecosystems and Biodiversity (TEEB) initiative • Partnership for Action on Green Economy (PAGE) • UNCTAD Sustainable Manufacturing and Environmental Pollution, Oceans Economy and Trade Strategies and BioTrade Initiative • Task Force for Nature-related Financial Disclosures • The Strategic workstream on non-economic losses under the WIM, UNFCCC | 08 12 13 14 15 |

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| | <ul style="list-style-type: none"> Promote the use of Employment Impact Assessments (EmplIA) to assess the job creation in the environmental sector. | | | |
| 23. Promote decent and sustainable employment opportunities | <ul style="list-style-type: none"> Support the creation of new job opportunities through clean and green transitions and investments in low-carbon industries, ensuring equal opportunities for women. Ensure that the creation of decent work opportunities is part of COVID-19 recovery plans that are inclusive and sustainable. Support labor-based inclusive job opportunities through Green Works- e.g. in soil and water conservation, afforestation and reforestation, irrigation, and flood protection. Promote certification of indigenous knowledge, skills and competencies to improve fair wage and labor opportunities. Reinforce the links between health, labor and environmental protection while promoting decent work and protecting labor rights. | UNIDO, FAO, UNDP, UNEP, ILO, UNICEF, UNFCCC, UNECE, UNESCO through its designated sites, WIPO, WFP | <ul style="list-style-type: none"> FAO's Green jobs in Agriculture projects and initiatives ILO's Employment Intensive Investment Programmes in Green Works ILO Guidelines for a just transition towards environmentally sustainable economies and societies for all Climate Action for Jobs Green Jobs Assessment Institutions Network (GAIN) UNFCCC Technical Paper 'JustTransition of the Workforce, and the Creation of Decent Work and Quality Jobs' UNECE/FAO/FE Guidelines for green jobs in the forest sector | 06 07 08 12 14 15 16 |

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| 24. Encourage green public sector finance | <ul style="list-style-type: none"> • Ensure greener and gender-responsive public procurement measures. • Increase public finance for nature, including ecological fiscal transfer. • Promote central bank risk measures and sustainable finance guidelines. • Scale up uptake of the BIOFIN methodology including biodiversity finance plan development and implementation. • Support public sector to increase availability of concessional finance that de-risks opportunities for private sector engagement. • Promote the use of Employment Impact Assessments (EmplA) to assess the job creation in the environmental sector. | UNEP, UNDP, FAO, IMF, GEF, GCF | <ul style="list-style-type: none"> • UNEP-IUCN Global Fund for Ecosystem-based Adaptation • UNDP Biodiversity Finance Initiative (BIOFIN) • Great Green Wall Initiative | 08 14 15 17 |
| 25. Promote green private sector investments | <ul style="list-style-type: none"> • Accelerate creation of new financial instruments and new financial sources to finance nature. • Integrate biodiversity and ecosystem services consideration and risk into financial decision-making. • Enhance the availability of information and raise awareness of biodiversity in the private sector. | UNEP, UNDP, IMF, WB, UNCTAD, ITC, ILO | <ul style="list-style-type: none"> • UN Environment Programme Finance Initiative (UNEP FI) • UNEP FI Sustainable Blue Economy Finance Principles • Task Force on Nature-related Financial Disclosures • ILO's Climate Action for Jobs Initiative | 08 14 15 17 |

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| | <ul style="list-style-type: none"> • Link innovation and impact investing to develop solutions for sustainable ocean economies. | | <ul style="list-style-type: none"> • Green Jobs Assessment Institutions Network (GAIN) • UN Global Compact • The Lion's Share initiative • UNCTAD BioTrade Initiative • UN Decade of Ocean Science for Sustainable Development | |
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#7: Sustainable consumption, including sustainable lifestyles and livelihoods, is promoted, inequalities are eliminated and biodiversity loss halted.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
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| 26. Support the transition towards circular and green economies | <ul style="list-style-type: none"> • Improve global resource efficiency. • Encourage the adoption of sustainable consumption and lifestyles. • Enhance consumer education to inform behavior and shift consumption patterns. • Strengthen commitments toward deforestation-free commodities. • Adopt holistic sustainable consumption approaches based on traditional and local knowledge. | UNDP, UNEP, UNCTAD, WTO, FAO, IAEA, UNIDO, ITC, ILO, UNESCO, UN-Habitat, UNESCWA, UNWTO | <ul style="list-style-type: none"> • Partnership for Action on Green Economy (PAGE) • Green Growth Knowledge Platform (GGKP) • Climate Action for Jobs • One Planet Network (in particular Sustainable Lifestyles and Education programme) • Sustainable Bioeconomy Guidelines | 08 09 11 12 14 15 |

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| | <ul style="list-style-type: none"> ● Promote circular-economy approaches relieving demand-side pressures on biodiversity. ● Promote competition and consumer protection policies that sustain sustainable consumption patterns. | | <ul style="list-style-type: none"> ● UNCTAD Competition and Consumer Policies Branch ● UNCTAD BioTrade Initiative and VSS program ● United Nations Forum on Sustainability Standards ● Circular economy approaches and the Natural Capital Protocol ● ITC Trade for Sustainable Development (T4SD) Programme ● Global Initiative for Resource Efficient Cities (GI-REC) ● Megacities Alliance for Water and Climate ● Global Water Security Issues ● UNESCO IHP Water for Human Settlements Chairs and Centers network ● Regional Circular Economy Coalition for Latin America and the Caribbean | |
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| | | | <ul style="list-style-type: none"> ● Global Alliance on Circular Economy and Resource Efficiency (GACERE) ● One Planet Vision for a Responsible Recovery of the Tourism Sector | |
| 27. Support transparent and sustainable trade and supply chains | <ul style="list-style-type: none"> ● Promote regulation for international shipping and aviation that preserve biodiversity. ● Ensure trade with legally and sustainably sourced products, such as from wildlife, agriculture, fisheries, forestry. ● Incorporate costs of ecosystem services into supply chains. ● Link trade, biodiversity and sustainable development through global actions. ● Support legislation that can ensure accountability of the private sector. | UNDP, UNCTAD, WTO, UNIDO, FAO, CITES, IMO, ICAO, ITC, ILO, UNODC, UNEP | <ul style="list-style-type: none"> ● UNCTAD BioTrade Initiative ● Climate Technology Centre and Network (CTCN) ● Sustainable Wildlife Management Programme 2018-2024 ● UNCTAD Oceans Economy and Trade Strategies and VSS programme ● United Nations Forum on Sustainability Standards ● ITC Trade for Sustainable Development (T4SD) Programme ● UNDP Green Commodities Programme | 08 12 14 15 16, 17 |

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| 28. Promote sustainable waste management | <ul style="list-style-type: none"> • Support greening of manufacturing practices and waste management, including infrastructure. • Mainstream pollution-reduction and sound management of chemicals and wastes into humanitarian action. • Mainstream circularity and promote recycling practices. • Educate consumers on waste treatments. • Address waste trafficking. | BRS, CMS, IMO, IAEA, FAO, UNHCR, ITU, UNIDO, UNDP, UNEP, UNODC, UNRWA, UNCTAD, ICAO, UNICEF, ITC, ILO, UNODC, UN-Habitat, UNESCWA | <ul style="list-style-type: none"> • UN E-waste Coalition • UNCTAD Sustainable Manufacturing and Environmental Pollution • BRS Plastic Waste Partnership and Global Partnership on Marine Litter (GPML) • Waste Wise Cities Campaign | 08 09 12 14 15 |
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#8: Material-intensive socioeconomic production systems are transformed to create better outcomes for people and nature, while meeting increased demand for resources and materials.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
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| 29. Support nature-positive metals, mineral and energy extraction and address illegal mining and trafficking in precious metals and stones | <ul style="list-style-type: none"> • Decrease reliance on fossil fuels for energy production. • Develop standards for sustainable resource extraction, including for sand. • Ensure environmental and human rights impact assessments for all extractive activities. • Promote the “No Go” concept for protected areas, in particular World Heritage sites. | UNIDO, UNDP, UNEP, IAEA UNESCO, ILO, UNDP, UNODC | <ul style="list-style-type: none"> • Biodiversity Indicators for Extractive Companies • UNESCO 1972 World Heritage Convention • UN Decade of Ocean Science for Sustainable Development • UN Convention against Transnational Organized Crime (UNTOC) • UN Convention against Corruption (UNCAC) | 03 06 07 09 11 12 13 14 15 16 |

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| | <ul style="list-style-type: none"> ● Enhance knowledge on the effects of deep-sea mining and potential solutions to address negative impacts. ● Support measures against illegal mining and trafficking in precious metals and stones. | | | |
| 30. Support nature-positive energy transitions | <ul style="list-style-type: none"> ● Redirect fossil fuel subsidies into green energy jobs. ● Increase opportunities for the deployment of renewable energy and energy efficiency solutions, including through school based programs. ● Promote sustainable production and use of biofuels. ● Understand and address trade-offs in hydropower generation. ● Enhance energy for climate-smart agriculture and related value chains. ● Enhance sustainable energy use in humanitarian situations. ● Promote environmental, social and human rights impact assessments of sustainable energy projects. | UNEP, IAEA, ILO, UNIDO, UNICEF, UNDP, IMF, ICAO, UNFCCC, ITC, UN-Habitat, UNESCWA, IFAD, WFP | <ul style="list-style-type: none"> ● UN-Energy ● Green Jobs Assessment Institutions Network (GAIN) ● FAO's Energy-smart food for people and climate programme | 07 08 11 12 13 14 15 |
| 31. Support green and blue infrastructures | <ul style="list-style-type: none"> ● Restore and protect nature as infrastructure. ● Promote nature-positive connecting infrastructure. ● Promote the use of Environmental Impact Assessments (EIA) and Strategic Environmental Assessments (SEA). | IMF, WB, CMS, UNOPS, UNDP, UNECE, UNICEF, UNIDO, ITU, ICAO, UN-Habitat, ILO, UNEP, ECA, WFP | <ul style="list-style-type: none"> ● UNEP's COVID-19 Response ● ILO Employment-Intensive Investment Programme (EIIP) Green Works ● United for Smart Sustainable Cities (U4SSC) | 08 09 14 15 |

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| | <ul style="list-style-type: none"> • Enhance community-based approaches, ecosystem-based approaches, and hybrid strategies integrating engineering approaches with nature, such as building with nature, green infrastructure, and other hybrid types, including through asset creation and public works programs. • Promote the use of Employment Impact Assessments (EmPIA) to identify job creation opportunities in restoring and protecting green and blue infrastructure. • Leverage international standards – for example ITU-T Recommendations – to improve sustainability and environmental performance of buildings and to implementing green ICT infrastructure. | | | |
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#9: Sustainable and secure food systems are ensured through urgent action by all actors.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
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| 32. Transform unsustainable agricultural and fisheries practices | <ul style="list-style-type: none"> • Call to phase out harmful agricultural subsidies/incentives. • Halt harmful fisheries subsidies. • Address illegal, unreported and unregulated fishing and protect marine resources. | FAO, IFAD, IAEA, UNDP, UNEP, Ramsar Convention, UNCCD, WTO, UNESCO, UNIDO, ILO, CBD, UNFCCC, | <ul style="list-style-type: none"> • TEEB AgriFood initiative • FAO Global Hub on Indigenous Food Systems • FAO's Biodiversity Mainstreaming Platform | 02 03 06 09 12 13 14 15 |

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| | <ul style="list-style-type: none"> ● Digitalize and optimize sustainable modern farming. ● Rewild/restore abandoned agricultural land. ● Enhance landscape and habitat variability to benefit both crops and insects. ● Promote renewable and clean energy solutions for irrigation, storage and refining to improve livelihoods and reduce food loss. ● Enhance risk assessment and risk management approaches for modern biotechnology for agricultural production. ● Protect landscapes and indigenous food systems threatened by industrial agriculture. ● Enhance genetic diversity in agricultural systems. | UNESCWA, ECA, IMO, WFP | <ul style="list-style-type: none"> ● FAO Strategy on Mainstreaming Biodiversity across Agricultural Sectors ● ILO Green Jobs and Employment-Intensive Investment (EIIP) programmes ● UN Food Systems Summit ● Cartagena Protocol on Biosafety ● UNFCCC Koronivia joint work on agriculture ● UNDP Food and Agricultural Commodity Systems Strategy | |
| 33. Shift towards productive and regenerative agriculture and fisheries | <ul style="list-style-type: none"> ● Promote regenerative agriculture, agroecology, agroforestry. ● Support the work of small-scale farmers and their livelihoods, particularly women. ● Promote sustainable fisheries conducive to a healthy and productive ocean. ● Support coastal and islander indigenous and local communities in marine and coastal sustainable resource use and conservation. | FAO, IFAD, IOM, CBD, WFP, IAEA, UNICEF, UNIDO, UNDP, UNEP, UNU, UNCTAD UNESCO designated sites, UNESCO-IOC, ITC, ILO, UNESCWA, WIPO | <ul style="list-style-type: none"> ● Biodiversity for Food and Nutrition Initiative ● IPBES and MEA frameworks ● Research on circular economy ● UNCTAD BioTrade Initiative, Oceans Economy and Fisheries Programme and VSS programme | 01 02 08 09 11 12 13 14 15 |

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| | <ul style="list-style-type: none"> ● Halt and reverse insect decline in agricultural/managed landscapes, including through sustainable pest management. ● Apply and promote circular economy approaches in agriculture. ● Increase knowledge to underpin sustainable fisheries and aquaculture production. ● Ensure respect for the traditional practices of indigenous peoples and local communities. ● Characterize and promote the utilization of locally adapted livestock breeds. ● Promote sustainable management and utilization of local plant resources as livestock feed. | | <ul style="list-style-type: none"> ● United Nations Forum on Sustainability Standards ● UN Decade of Ocean Science for Sustainable Development ● FAO's Blue Growth Initiative ● FAO Global Partnership for Climate, Fisheries and Aquaculture ● ILO Green Jobs and Employment-Intensive Investment (EIIP) Green Works programmes ● Sustainable Rice Platform (SRP) ● Satoyama Initiative ● Climate Technology Centre and Network (CTCN) | |
| 34. Promote sustainable food systems and reduce food waste | <ul style="list-style-type: none"> ● Support a transition to sustainable food systems that are in balance with nature and that support healthy diets. ● Recognize the interdependencies of demand and supply in designing food system reform. ● Reduce food loss and food waste. | FAO, UNEP, UNU, ILO, UNESCWA, IFAD, UNWTO, WIPO, WFP | <ul style="list-style-type: none"> ● Technical Platform on measurement and reduction of food loss and waste ● FAO Global Hub on Indigenous Food Systems ● UNWTO Global Tourism Food Waste Initiative ● 2021 UN Food Systems Summit | 01 02 03 08 09 12 14 15 |

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| | <ul style="list-style-type: none"> Promote the use of insects as both waste decomposers and food sources. | | | |
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#10: Markets, economic and financial practices are fundamentally reformed and use metrics for governments, the private sector and society, to measure progress towards sustainable development, supported by strengthened regulations to conserve and restore natural capital.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
|---|--|--|---|--|
| 35. Establish new metrics to redefine prosperity | <ul style="list-style-type: none"> Develop and promote alternative GDP and 'Green' Human Development Index. Develop appropriate indicators to capture the direct and indirect consequences of biodiversity loss. | ILO, WTO, UNWTO, UNDP, UNEP, UNCTAD | <ul style="list-style-type: none"> Inclusive Wealth Index Biodiversity Indicators Partnership (BIP) UN Decade on Ecosystem Restoration 2021-2030 Trade and biodiversity statistical tool (UNCTAD BioTrade Initiative & Development Statistics and Information Branch) | 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 |
| 36. Account for the value of biodiversity | <ul style="list-style-type: none"> Promote systems of environmental economic accounting and ecosystem accounting. Promote ocean accounting as a contribution to the development of a sustainable ocean economy. | UNEP, UNDP, FAO, UNDP, UNDESA, ILO, WIPO | <ul style="list-style-type: none"> System of Environmental-Economic Accounting – Ecosystem Accounting (SEEA EA) UN Decade of Ocean Science for Sustainable Development | 01 08 14 15 17 |

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| | <ul style="list-style-type: none"> ● Share knowledge and information to value natural capital and prepare country-relevant metrics for inclusive wealth. ● Research and promote indigenous knowledge on valuing nature. ● Account for non-economic losses and as impacts incurred or potentially incurred from slow onset climate processes/events, in risk assessment models to more accurately reflect current and future loss and damage. | | <ul style="list-style-type: none"> ● System of Environmental-Economic Accounting for Agriculture, Forestry and Fisheries (SEEA AFF) ● The Warsaw International Mechanism for Loss and Damage under the UNFCCC | |
| 37. Shift corporate strategies to low-carbon and resilient models | <ul style="list-style-type: none"> ● Support the integration of commitments related to sustainable development, human rights, climate and natural capital in corporate goals, business models, reporting and transition plans. ● Accelerate financial reporting and disclosure. ● Strengthen scenario analysis to assess strategic resilience and improve nature riskmodelling. ● Change corporate incentive structures through effective regulation to protect the environment and its enforcement and to respect human rights as provided in the UN Guiding Principles on Business and Human Rights. | UNEP, UNDP, UNIDO, ILO, OHCHR, ECA | <ul style="list-style-type: none"> ● UN Environment Programme Finance Initiative (UNEP FI) ● UN Global Compact ● Preparatory process for a Task Force on Nature-related Financial Disclosure ● Exploring Natural Capital Opportunities and Risk Exposure (ENCORE) | 08 10 14 15 |

C. Strengthened institutions, accountability and justice

#11: Institutional capacity is supported to plan and pursue integrated solutions to reverse biodiversity loss and accelerate progress on the implementation of the 2030 Agenda.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
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| 38. Support the inclusive implementation of bold and actionable goals and targets | <ul style="list-style-type: none"> Support national implementation of the post-2020 global biodiversity framework and its alignment with the Paris Agreement and the 2030 Agenda for Sustainable Development. Support gender-responsive and human rights-based implementation of the post-2020 global biodiversity framework, including implementation of a post-2020 gender plan of action. Promote strong commitments for biodiversity protection and restoration, including from non-state actors. Identify and push trigger points for mobilizing non-environmental constituencies, including through targeted communication campaigns. Engage with priority actors such as faith-based networks, fashion/clothing, food and mining/metal industries. | CBD, UNDP, UNEP, FAO, CMS, UNDP, UNESCO, IAEA, UNCTAD, UN Women, UN Habitat, UNFCCC, OHCHR, ILO, UNU, ECA, IFAD, UNODC, UNWTO | <ul style="list-style-type: none"> CBD Action Agenda Paris Agreement UN Decade on Ecosystem Restoration UN Decade of Ocean Science for Sustainable Development UNESCO-UNEP Coalition for Nature Satoyama Initiative UNCTAD BioTrade Initiative ILO Guidelines for a just transition towards environmentally sustainable economies and societies for all | 13 14 15 17 |

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| | <ul style="list-style-type: none"> Promote a global regulatory framework to secure a level playing field so no one is left behind | | <ul style="list-style-type: none"> The United Nations Congress on Crime Prevention and Criminal Justice | |
| 39. Mainstreaming nature into development and sectoral plans, policies and processes | <ul style="list-style-type: none"> Promote whole of government and society approach for implementation of national strategies/action plans. Improve EIA, EmplA, SEA and social safeguards. Promote nature-based solutions as integrated elements of development planning. Promote and reinforce ecosystem-based ocean governance based on the Regional Seas programs. Engage policy-makers in the co-design and co-delivery of evidence and knowledge systems needed to support sound policy. Support development of National Ocean Policies. Develop gender-responsive and humanrights-based national adaptation plans. Incorporate Green Jobs and biodiversity targets into National Employment Policies. Incorporate Nature-Based Solutions in national DRR strategies | <p>CBD, UNEP, UNDP, FAO, UNCTAD, UNESCO-IOC, IMO, ICAO, OHCHR, ILO, ECA, UNDRR, WFP</p> | <ul style="list-style-type: none"> FAO Biodiversity Mainstreaming Platform National Ecosystem Assessments (NEA) UNCTAD BioTrade Initiative and Oceans Economy and Trade Strategies | 14 15 17 |

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| 40. Ensure adequate resources, including for institutional capacity to integrate nature | <ul style="list-style-type: none"> ● Enhance international support for implementing effective and targeted capacity building in developing countries. ● Support national plans for implementation of the post-2020 global biodiversity framework. ● Increase scientific and technical cooperation. ● Leverage partnerships with multiple sectors including the private sector. ● Enhance ocean related capacity development and transfer of marine technology with a focus on SIDS and LDCs. | WB, UNDP, UNEP, UNCTAD, UNESCO-IOC, IMO, CBD, ICAO, IAEA, ITC, ILO, UNU, UNODC | <ul style="list-style-type: none"> ● Intergovernmental Platform for Biodiversity and Ecosystem Services (IPBES) ● Biodiversity and Ecosystem Services Network (BES-Net) ● UN Decade of Ocean Science for Sustainable Development ● UNESCO-IOC Ocean Teacher Global Academy ● Satoyama Initiative ● UNCTAD BioTrade Initiative | 14 15 17 |
| 41. Promote integrated spatial planning | <ul style="list-style-type: none"> ● Advocate for integrated spatial planning, including through Essential Life Support Area maps. ● Promote landscape approaches and the development of sustainable ocean plans at the national or regional level. ● Promote connectivity landscape approaches that involve diverse landowners and improved large-scale governance systems. ● Promote integrated marine spatial planning. ● Promote landscape governance approaches to address deforestation | UNEP, UNDP, UNU, CBD, UNESCO-IOC, FAO, IMO, ICAO, UN-Habitat, UNODC | <ul style="list-style-type: none"> ● CBD Ecologically or Biologically Significant Marine Areas (EBSAs) ● IMO Particularly Sensitive Sea Areas (PSSAs) ● NatureMap ● Satoyama Initiative ● MSP Global Initiative ● UN Biodiversity Lab | 14 15 |

#12: Safeguards on biodiversity and the integrity of all ecosystems are implemented, sectoral and national accountability is clarified, and monitoring and reporting against environmental obligations fulfilled.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
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| 42. Develop targets, indicators and datasets to better account for value of nature | <ul style="list-style-type: none"> Promote the development of post-2020 measurable targets and associated indicators. Recognize the links between indicators for reporting on biodiversity, climate change and ocean. Promote biodiversity integration in policy-making through multidimensional indices. | UNEP, UNDESA, ILO, UNCTAD, UNODC | <ul style="list-style-type: none"> Biodiversity Indicators Partnership (BIP) Multidimensional Biodiversity Index (MBI) | 14 15 17 |
| 43. Support transparent national biodiversity reporting | <ul style="list-style-type: none"> Support the development of guidelines for participatory post-2020 national reporting. Pilot spatially explicit and transparent reporting. Ensure all actors can discover, access, integrate and share the data they need to fulfil responsibilities to the people and planet. Strengthen gender-responsive research, data collection and reporting. | CBD, UNEP, UNDESA, UN Women, UNDP, UNESCO, ILO, UNCTAD, UNODC | <ul style="list-style-type: none"> UN Biodiversity Lab MapX UNESCO World Heritage Convention and MAB programme | 14 15 17 |

#13: Environmental rule of law and procedural rights on access to information and justice are promoted, and meaningful participation in environmental decision-making is enabled.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
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| 44. Strengthen governance, procedural rights and rule of law | <ul style="list-style-type: none"> Promote integration of rule of law in environmental law and policies to help strengthen biodiversity protection, conservation and restoration. Promote the conservation and sustainable use of marine biological diversity of areas beyond national jurisdiction (BBNJ) Ensure law and regulation enforcement. Promote concept, enforcement and widescale adoption for fighting environmental crimes and legal liability for nature destruction, including by making crimes that impact the environment serious crimes as per definition of the UN Convention against Transnational Organized Crime (UNTOC). Strengthen participation and rights of indigenous peoples and local communities. Ensure accountability for crimes against environmental human rights defenders. | UNEP, UNDP, FAO, UNESCO, OHCHR, IMO, ICAO, UNDESA, ILO, UNU, UNCLOS, UNODC, ECA, WIPO | <ul style="list-style-type: none"> NBSAP Forum The Voluntary Guidelines on the Responsible Governance of Tenure of Land, Fisheries and Forests in the Context of National Food Security Interactive Dialogues of the GA on Harmony with Nature United Nations Permanent Forum on Indigenous Issues Supplementary protocol on liability and redress Satoyama Initiative Montevideo Environmental Law Programme International Consortium on Combating Wildlife Crime (ICWC) | 14 15 16 17 |

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| | | | <ul style="list-style-type: none"> • UN Convention against Transnational Organized Crime (UNTOC) • UN Convention against Corruption (UNCAC) | |
| 45. Promote full and effective participation in decision-making related to biodiversity | <ul style="list-style-type: none"> • Strengthen participation and rights of indigenous peoples and local communities. • In the context of including civil society voices in UN bodies and agencies, create space for young people to participate in shaping the decisions that will affect their future, including but not limited to biodiversity and climate change. • Strengthen the full and effective participation of women in decision-making related to biodiversity at all levels. • Consider ways of more fully involving a wider array of stakeholders in policy processes concerning environmental action. • Ensure participation of ILO social partners (workers and employers) through social dialogue. • Raise awareness of the impact of illegal exploitation of natural resources and corruption on biodiversity among various stakeholders. | UNEP, UNDP, UNESCO, UNICEF, FAO, IOM, UN Women, UNFCCC, OHCHR, CBD, UNU, UNDESA, ILO, UNODC, WIPO | <ul style="list-style-type: none"> • Gender and Land Rights Database (GLRD) • UN Permanent Forum on Indigenous Issues (UNPFII) • Programs/projects supporting implementation of FAO Voluntary Guidelines on the Responsible Governance of Tenure of Land, Fisheries and Forests in the Context of National Food Security • Natural Capital Protocol • United Nations Guidance Note on Protection and Promotion of Civic Space • LCIPP under the United Nations Framework Convention on Climate Change • Satoyama Initiative | 04 10 14 15 16 17 |

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| 46. Safeguard endangered species | <ul style="list-style-type: none"> ● Promote effective species conservation, including through increased funding, protection of umbrella species and of critical habitats. ● Promote the establishment and effective management of protected areas, with the meaningful participation of local communities and free, prior and informed consent of indigenous peoples. ● Promote marine protected areas, including in the high seas, by implementing the 1972 World Heritage Convention. ● Support implementation of Global Plans of Action for genetic resources for Food and Agriculture to safeguard habitats and populations of crop and livestock wild relatives. ● Minimize threats to biodiversity from planned infrastructure. ● Promote habitat mapping and ecological surveying. ● Implement a corruption risk-based approach in wildlife, forest and fisheries management authorities. ● Improve legal frameworks to address wildlife crime as a serious crime under the UNTOC. | CBD, CITES, CMS UNESCO, FAO, UNDP, UNEP, IAEA, UNODC | <ul style="list-style-type: none"> ● Collaborative Partnership on Sustainable Wildlife Management ● UNESCO World Heritage Convention and MAB programme ● FAO's Commission on Genetic Resources for Food and Agriculture ● Globally Important Agricultural Systems (GIAHS) ● UN Convention against Corruption (UNCAC) and UN Convention against Transnational Organized Crime (UNTOC) ● International Consortium on Combating Wildlife Crime (ICWC) | 09 12 14 15 17 |
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| 47. Prevent introduction and spread of invasive alien species | <ul style="list-style-type: none"> ● Promote preventive pathway/vector management, including the introduction, ratification/accession and implementation of relevant international treaties, standards and regulations. ● Introduce rapid, cost-effective and consistent ecological surveying protocols, including through metabarcoding and eDNA. ● Promote efficient species identification and monitoring, including using artificial intelligence and big data. ● Forecast and reduce impacts of harmful algal blooms. ● Control invasive insect species using sterile insect technique. ● Promote public works programs and asset rehabilitation programs to contain and reduce the spread of invasive alien species and create jobs for targeted groups. | WTO, UNEP, CBD, CMS, FAO, IAEA, Ramsar UNESCO, UNESCO-IOC Convention, IMO, ICAO, ILO, WFP | <ul style="list-style-type: none"> ● International Plant Protection Convention (IPPC) ● UNESCO World Heritage Convention ● UNESCO-IOC PacMan Initiative ● UNESCO-IOC HAB Programme ● Global Invasive Alien Species Information Partnership | 02 08 09 12 14 15 |
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#14: Criminal justice and anti-corruption measures to environment-related crimes are strengthened as an essential part of the integrated solutions to protecting biodiversity.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
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| 48. Stop illegal wildlife trade and transport, poaching, trafficking and unsustainable hunting | <ul style="list-style-type: none"> ● Increase protection for front line environmental workers, environmental human rights defenders, and indigenous peoples. ● Leverage consumer power by introducing standards or certifications demonstrating that products are legally sourced, ethical and violence-free. ● Enforce existing legal provisions and enable traceability and best practices. ● Strengthen international investigation and legal intervention in the transportation and trade in illegal wildlife and endangered species. ● Increase attention to the poaching and illicit trade in wild and endangered plants on which indigenous peoples and local communities rely. ● Scale up “crime scene to court” approach in countries to enforce the laws and support the governments to adequately prevent, detect, | FAO, IFAD, UNODC, ILO, CMS, CITES, UNESCO, IOC, UNDP, UNEP UNCTAD, ICAO, UNDESA, UNEP | <ul style="list-style-type: none"> ● Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) ● Convention on the Conservation of Migratory Species (CMS) ● Intergovernmental Conference on Marine Biodiversity Areas Beyond National Jurisdiction. ● UNESCO 1972 World Heritage Convention and MAB programme ● UNCTAD BioTrade Initiative ● UNCTAD Ocean Economy and Fisheries Programme ● UN Decade of Ocean Science for Sustainable Development | 02 05 10 12 15 |

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| | <p>investigate, prosecute and adjudicate wildlife crime.</p> <ul style="list-style-type: none"> • Scale up anti-corruption assistance to wildlife, forestry and fisheries authorities. | | <ul style="list-style-type: none"> • UN Convention against Transnational Organized Crime (UNTOC) • UN Convention against Corruption (UNCAC) • UN Task Force on Illegal Trade in Wildlife • International Consortium on Combating Wildlife Crime (ICCWC) | |
| 49. Stop illegal, unreported and unregulated fishing | <ul style="list-style-type: none"> • Strengthen regulatory measures for the conservation of marine biodiversity beyond national jurisdiction. • Increase knowledge and solutions for sustainable fishing practices. • Increase knowledge and innovative solutions / technology to inform policy and action on illegal fishing. • Conduct value chain analysis, corruption risk assessment and facilitate corruption prevention and criminal justice system measures against crimes occurring in the fisheries value chain. | IMO, FAO, IFAD, UNODC, ILO, CMS, CITES, UNIDO, WTO, UNCTAD, UNDP, UNESCO | <ul style="list-style-type: none"> • UN Decade of Ocean Science for Sustainable Development • UNCTAD Oceans Economy and Trade Strategies • 1995 UNESCO World Heritage marine programme • UN Decade of Ocean Science for Sustainable Development • 1995 FAO Code of Conduct for Responsible Fisheries • UNODC Rotten Fish Guide on corruption prevention in the fisheries value chain | 02 10 12 14 |

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| 50. Increase cooperation between conservation and justice system actors to address illicit exploitation of natural resources | <ul style="list-style-type: none"> • Develop rapid reference guides for investigators and prosecutors to facilitate investigation and prosecution of environmental crimes. • Sensitize judiciary to impact of environmental crime. • Support multi-agency taskforces and cross-border cooperation among criminal justice system actors to address environmental crimes. | UNODC, CITES, UNEP | <ul style="list-style-type: none"> • UNODC, CITES tools and guides • International Consortium on Combating Wildlife Crime (ICCWC) • UN Convention against Transnational Organized Crime (UNTOC) • UN Convention against Corruption (UNCAC) | 14 15 16 |
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#15: Advanced digital information and communication technologies (ICTs) are deployed to ensure open access to and equitable coverage of data and repositories.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
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| 51. Promote digitalization for better decision making | <ul style="list-style-type: none"> • Invest in the use of digital technologies to monitor environmental change and to support transparency, predictive analytics and risk identification. • Provide open-source data and tools for decision-makers and enhance citizens' engagement. • Use data, analytics, lifecycle analysis and digital solutions to influence and incentivize | UNEP, UNDP, ITU, FAO, UNECA, UNESCO, UNESCO-IOC, UNIDO, IMO, ICAO, IAEA, UNDESA, ILO, UNODC, WFP | <ul style="list-style-type: none"> • UN Data Strategy • UNEP Global Environmental Data Strategy • UN Biodiversity Lab • Group on Earth Observations (GEO) • Committee on Earth Observation Satellites (CEOS) | 08 12 10 14 15 |

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| | <p>consumer behavior, markets, supply chains and policies towards nature.</p> <ul style="list-style-type: none"> ● Enhance the environmental digital literacy of citizens and diverse stakeholders through training. ● Develop a comprehensive digital representation of the ocean, including a dynamic ocean map, which provides free and open access for exploring, discovering, and visualizing past, current, and future ocean conditions in a manner relevant to diverse stakeholders. ● Support access to justice by advancing the digitization of court hearings and proceedings in environmental crime related cases. | | <ul style="list-style-type: none"> ● UN Decade of Ocean Science for Sustainable Development ● FAO's Hand-in-Hand Initiative ● System for Earth Observation Data Access, Processing and Analysis for Land Monitoring (SEPAL) ● Technology Facilitation Mechanism ● United for Smart Sustainable Cities (U4SSC) initiative | |
| 52. Harness innovation and deploy green and blue technologies | <ul style="list-style-type: none"> ● Strengthen technical and scientific cooperation, technology transfer and innovation. ● Promote collaboration with private sector for co-design and co-delivery of innovative technology to increase understanding of the ocean, for example in the hard to access deep ocean. ● Leverage international standards – such as ITU-T Recommendations – for guidance on | <p>UNEP, UNDP, ITU, IAEA, FAO, WTO, CBD, UNDESA, ILO, UNODC, WIPO, WFP</p> | <ul style="list-style-type: none"> ● UN Decade of Ocean Science for Sustainable Development ● International Oceanographic Data Exchange Programme ● Global Environmental Facility (GEF) ● Joint FAO/IAEA Programme on Nuclear Techniques in Food and Agriculture ● United for Smart Sustainable Cities (U4SSC) | 10 14 15 17 |

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| | <p>implementing green technologies and innovation.</p> <ul style="list-style-type: none">● Pair drone technology with surveying techniques to map remote habitats.● Ensure the rights of all persons to benefit from science and its applications.● Assess and manage potential adverse impacts of biotechnology on biodiversity.● Support the use of technology in identifying and tracing wildlife and timber species to counter wildlife and forest crime. | | <ul style="list-style-type: none">● African Wildlife Forensic Network | |
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Annex IV

50+ ways to integrating biodiversity and nature-based solutions – a UN system commitment to collective action for people and planet

- The following table provides an illustrative list of practical interventions the UN system can pursue jointly as part of the common approach on biodiversity and nature-based solutions. The table is structured according to the 3 impact areas and 15 medium-term objectives of the common approach. The first column presents a non-exhaustive list of actions that the UN system can pursue at all levels to implement the common approach. Column two expands on potential examples to operationalize each action, while columns three and four identify which UN entity could be involved and what already-existing resources the actions could build on. Finally, a link to the Sustainable Development Goals (SDGs) is established in column five.

A. Human rights, peaceful societies and planetary stability

#1: Human rights are protected and can be exercised, including the right to a safe, clean, healthy and sustainable environment.

| Action | Operational examples | Potential collective action by ¹ : | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
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| 1. Support the Secretary-General's Call to Action for Human Rights | <ul style="list-style-type: none"> Increase UN support for laws and policies that protect and promote the right to a safe, clean, healthy and sustainable environment, and for effective individual access to justice and effective remedies for environment-related rights violations and abuses. Increase UN support for the development of protection mechanisms for human rights | All UN Entities, in particular UNEP, UNDP and OHCHR | <ul style="list-style-type: none"> SG C2A Human Rights Up Front initiative | 05 10 13 14 15 16 17 |

¹ Including collaborations with Secretariats of the Multilateral Environmental Agreements (MEAs).

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| | defenders and environmental and climate activists, particularly indigenous peoples and local communities, children, young people, women and girls. | | | |
| 2. Fulfill the right to a safe, clean, healthy and sustainable environment | <ul style="list-style-type: none"> ● Address biodiversity and habitat loss and prevent its negative impacts on human rights. ● Ensure equity in actions to address biodiversity loss and in the use of the benefits of biodiversity. ● Ensure meaningful and informed participation including in land and resource governance. ● Support Member States to fulfil their human rights obligations relating to biodiversity and the environment stemming from international human rights and environmental treaties and recommendations of inter-governmental bodies. ● Support and protect rights of nature, where applicable, and those of environmental human rights defenders. ● Promote effective participation of indigenous peoples in ecosystem management and guarantee their free, prior and informed consent in actions that affect their rights. | <p>UNEP, UNDP, OHCHR, FAO, IFAD, CBD, CITES, CMS, Ramsar Convention, UNCCD, UNECE, UNESCO designated sites, ILO, UNICEF, UNFCCC, UNESCWA, ECA, WFP</p> | <ul style="list-style-type: none"> ● SG's Call to Action for Human Rights ● UN Human Rights Council ● UN Decade on Ecosystem Restoration ● UN Decade of Ocean Science for Sustainable Development ● The Bonn Challenge ● MAB programme and its World Network of Biosphere Reserves, World Heritage Convention ● UNFCCC Nairobi work programme on vulnerability, impacts and adaptation to climate change (NWP) ● Local Communities and Indigenous Peoples Platform (LCIPP) under the UNFCCC ● Warsaw International Mechanism for Loss and | 02 06 13 14 15 |

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| | <ul style="list-style-type: none"> Promote procedural rights at local and community level including for meaningful participation, access to information, and access to justice in environmental matters for all. | | <p>Damage (WIM) under the UNFCCC</p> <ul style="list-style-type: none"> ILO Employment-Intensive Investment Programme (EIIP) Green Works UNDP Environmental Governance Programme for Mining | |
| 3. Ensure access to clean water and sanitation for all | <ul style="list-style-type: none"> Use nature-based solutions for water and wastewater management. Enhance water use efficiency in agriculture. Enhance water reuse in urban areas. Promote sustainable freshwater extraction. Promote innovations for the use of new water sources (e.g. fog harvesting). Promote representation of women and girls in water management bodies. Promote equitable access to water that considers situations of vulnerability. Ensure relevant actions are based on international human rights law and standards relating to the right to water (e.g. availability, quality, acceptability, accessibility, affordability, etc.). | WHO, BRS, UNDP, UNEP, UNESCO, UNFCCC, UNICEF, FAO, UNIDO, IOM, UN Women, OCHA, UNU, IFAD, IAEA, ILO, UN-Habitat, UNESCWA, WFP | <ul style="list-style-type: none"> UN-Water Global Wastewater Initiative (GW²I) UNU Water Network UNESCO IHP Ecohydrology Programme UNESCO IHP water harvesting and water scarcity National Adaptation Plans under the UNFCCC Megacities Alliance for Water and Climate UN-Habitat Global Water Operators' Partnerships Alliance (GWOPA) | 02 03 05 06 07 09 11 12 13 14 15 |

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| | <ul style="list-style-type: none"> Promote public works and asset creation programs to improve access to water and sanitation, contain and reduce the spread of invasive alien species, and create jobs for targeted groups. | | <ul style="list-style-type: none"> Global Water Security Issues UNESCO IHP Water for Human Settlements Chairs and Centers network | |
| 4. Ensure right to adequate food | <ul style="list-style-type: none"> Promote and protect the security of land tenure, especially with respect to women, indigenous peoples, and poor and disadvantaged groups. Protection of relevant traditional knowledge and equitable participation in sharing benefits arising from the use of genetic resources for food and agriculture. Enhance environmental protection by ensuring appropriate biosafety safeguards. Protect ecological sustainability and the carrying capacity of ecosystems to ensure the possibility for increased, sustainable food production. Take measures to prevent and address malnutrition, maintain, adapt or strengthen dietary diversity and healthy eating habits and food preparation, as well as feeding patterns. Ensure relevant actions are based on international human rights law and standards relating to the right to food (e.g. availability, accessibility, adequacy, sustainability, etc.) | IFAD, CBD, FAO, UNFPA, UNICEF, UNDP, UNEP, ILO, IAEA, UNESCWA, UNFCCC, WIPO, WFP | <ul style="list-style-type: none"> UN Food Systems Summit FAO Programme Right to Food Outcomes and follow up to Regional Food Systems Dialogues (ESCWA, FAO-RNE, IFAD, WFP) Issue Based Coalition (IBC) on Food Security, Climate Action and Environment in the Arab Region Koronivia joint work on agriculture under the UNFCCC | 01 02 03 06 13 14 15 |

#2: Persons, groups and people in vulnerable situations, particularly those who rely on natural resources for subsistence and cultural identity, and who are disproportionately affected by environmental degradation, are prioritized.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
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| 5. Build sustainability and resilience while empowering indigenous peoples and local communities | <ul style="list-style-type: none"> ● Recognize and empower indigenous peoples and local communities as both users and custodians of biodiversity and ecosystems. ● Promote sustainable use and trade of terrestrial, marine and other aquatic biodiversity-based products and services that generate livelihoods for indigenous peoples and local communities. ● Facilitate greater benefit sharing and governance opportunities for indigenous peoples and local communities in relation to natural resource stewardship, conservation and sustainable use. ● Promote regional and international recognition of indigenous knowledge, skills, competencies and livelihoods. ● Enhance the engagement of local communities and indigenous peoples in the international climate change policy process | UNDP, UNEP, UNESCO, UNICEF, FAO, IOM, ILO, UN Women, OHCHR, CBD, UNDESA, UNODC, UNU, IFAD, UNFCCC, UNCTAD, ECA, WIPO, WFP | <ul style="list-style-type: none"> ● UN Permanent Forum on Indigenous Issues ● UNESCO's Local and Indigenous Knowledge Systems programme (LINKS) ● Satoyama Initiative ● UNFCCC Local Communities and Indigenous Peoples Platform (LCIPP)UNDP-managed GEF Small Grants Programme ● UNCTAD BioTrade Initiative | 02 14 15 17 |

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| | <ul style="list-style-type: none"> • Empower indigenous peoples and local communities to engage in sustainability policies and actions. • Ensure Indigenous Peoples' free, prior and informed consent in any environmental decision-making or policy that affects them. | | | |
| 6. Use nature conservation for conflict prevention and reduce conflict impact on biodiversity | <ul style="list-style-type: none"> • Reduce impact of conflicts on natural resources that sustain livelihoods and ecosystems. • Ensure that action on biodiversity is part of conflict prevention, peacekeeping and peacebuilding strategies. • Catalyze community-based ecosystem restoration and sustainable reconstruction projects in sites damaged by or vulnerable to conflicts and disasters. • Promote nature conservation actions as means to prevent and mitigate conflict and address the harmful drivers of migration. | DPO, DOS, UNEP, UNOCHA, UNHCR, IOM, WFP | <ul style="list-style-type: none"> • DPO - DOS Environmental Policy for UN Field Missions • Great Green Wall Initiative • UNFICYP Youth Champions for Environment & Peace | 13 14 15 16 17 |
| 7. Strengthen the links between biodiversity conservation and poverty alleviation | <ul style="list-style-type: none"> • Support increased research on the improvement of underutilized local crops (land- and ocean-based) for food and nutrition security. • Enhance Payments for Ecosystem Services (PES) and other income generating livelihood support programs. | FAO, IFAD, IAEA, ILO, WTO, UNDP, UNFPA, UNHCR, WFP, UNICEF UNWTO, UNDP, UNEP, CBD, CMS, UNU, | <ul style="list-style-type: none"> • UNEP-UNDP Poverty-Environment Action • UN-REDD Programme • The Economics of Ecosystems and Biodiversity (TEEB) initiative | 01 02 08 10 11 13 14 15 16 17 |

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| | <ul style="list-style-type: none"> ● Collect sex-, disability- and age-disaggregated data on the distribution of PES. ● Support improvement in benefit sharing, including sustainable use and complementary economic development for communities. ● Promote norms and methods to empower coastal and island communities in conservation and sustainable use of coastal and marine resources, including the use of traditional systems of governance and decision-making. ● Promote public investments that create labor-based inclusive job opportunities through Green Works. ● Promote sustainable tourism, including ecotourism, as a tool for fighting poverty and contribute to sustainable development, in particular to the conservation and sustainable use of biodiversity and natural resources. | UNCTAD, UNESCO designated sites, UNDESA, ECA, WIPO | <ul style="list-style-type: none"> ● GEF Small Grants Programme (SGP) ● Equator Initiative ● PES schemes ● UNCTAD BioTrade Initiative, Oceans Economy and Fisheries Programme and VSS programme ● United Nations Forum on Sustainability Standards ● Satoyama Initiative ● Report of the Secretary-General of the World Tourism Organization (UNWTO) transmitted by the Secretary-General of the UN on Promotion of sustainable tourism, including ecotourism, for poverty eradication and environment protection ● Great Green Wall Initiative | |
| 8. Address all forms of inequality and exclusion in sustainable use and management of biodiversity | <ul style="list-style-type: none"> ● Empower women, youth, people with disabilities, racial and ethnic minorities, marginalized and crisis affected groups, including through social protection systems, skills development, entrepreneurship, green and decent job opportunities. | UNDP, UNEP, UNESCO, UNICEF, UNWTO, FAO, IOM, ILO, UN Women, OHCHR, CBD, | <ul style="list-style-type: none"> ● Report of the UN Special Rapporteur on human rights and environment ● UN Woman - Towards a gender-responsive implementation of the CBD | 04 10 14 15 16 17 |

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| | <ul style="list-style-type: none"> • Ensure equal access, use and control of natural resources. • Secure equitable land tenure and governance. • Support innovation in land claims registration (including through blockchain technology) and promote and protect traditional and communal land tenure systems. • Address the decoupling of environmental effects. • Incorporate risk management approaches for the deployment of modern biotechnology. • Develop and promote gender-responsive planning, data collection and reporting. • Promote a more sustainable tourism model based on social and financial inclusion and the conservation and protection of the environment | UNDESA, UNFCCC, UNU, ECA, IFAD, WFP | <ul style="list-style-type: none"> • Lima work programme on gender and its gender action plan under the UNFCCC • Satoyama Initiative • Report of the Secretary-General of the UNWTO transmitted by the Secretary-General of the UN on the Promotion of sustainable tourism, including ecotourism, for poverty eradication and environment protection | |
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#3: A One Health approach is implemented, and the interconnections among people, animals and ecosystems are recognized.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
|--|---|-----------------------------------|---|-------------------|
| 9. Prevent the emergence of zoonotic diseases | <ul style="list-style-type: none"> • Mainstream and implement “One-Health” approaches. | WHO, CBD UNFCCC, UNDP, UNEP, CMS, | <ul style="list-style-type: none"> • WHO Manifesto for a healthy and green post-COVID recovery | 03 11 13 14 15 16 |

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| | <ul style="list-style-type: none"> ● Increase countries' capacity to detect and monitor actual and potential pathogens. ● Support the exchange of risk assessment and risk management information on global platforms. ● Increase action against wildlife trafficking to prevent future wildlife-related pandemics. ● Support evidence-based assessment of locations posing high risk of transmitting zoonotic diseases (e.g. wet markets, pet markets, restaurants, breeding facilities, inter alia) and provide options and solutions to and in collaboration with respective governments and regional (economic) groupings to minimize the risks. | FAO, IAEA CITES, UNAIDS, UNESCO, UNODC, UN- Habitat, ECA, UNWTO | <ul style="list-style-type: none"> ● WHO-CBD Interagency Liaison Group on Biodiversity and Health ● UNODC-led initiative SAFE ● UN-Habitat City-Wide Public Space Strategies ● One Planet Vision for a Responsible Recovery of the Tourism Sector | |
| 10. Improve the quality of urbanization and limit encroachment | <ul style="list-style-type: none"> ● Integrate the consideration of ecosystem impacts in city planning, expansion and zoning. ● Incorporate well-planned natural habitats into cities. | UN-Habitat, UNEP, UNFCCC | <ul style="list-style-type: none"> ● UN-Habitat City-Wide Public Space Strategies ● UNEP's Sustainable Cities Impact Programme ● Nairobi work programme (NWP) under the UNFCCC | 03 11 13 14 15 |
| 11. Reduce pollution from all sources, including plastic | <ul style="list-style-type: none"> ● Promote ratification/accession and implementation of international treaties, global standards and regulations. | UNDP, UNEP, BRS, UN- Habitat, ICAO, ITU, UNICEF, UPU, CMS, | <ul style="list-style-type: none"> ● Climate and Clean Air Coalition ● New Plastics Economy Global Commitment | 03 06 07 09 10 11 12 14 15 17 |

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| | <ul style="list-style-type: none"> • Promote green infrastructure, sustainable manufacturing, and biofiltration for air, soil and water pollution. • Mobilize global responses to halt plastic pollution and monitor impacts on wildlife. • Promote smart lighting and noise management on land and seascape. • Include Environmental Impact Assessments (EIAs) for all constructions on land and seascape. • Enhance international coordination of seismic surveying or resulting data. • Monitor water quality and quantity. • Provide a platform for the tourism sector in its fight against plastic pollution, triggering action in the sector and beyond. | IMO, UNU, UNCTAD, ICAO, IAEA, UNESCO, ECA, UNWTO | <ul style="list-style-type: none"> • UNU Water Network • UNCTAD Sustainable Manufacturing and Environmental Pollution • UN Decade of Ocean Sciences for Sustainable Development • Sources to Sea Platform • Group of Experts on the Scientific Aspects of Marine Environmental Protection (GESAMP) • International Initiative on Water Quality (IIWQ) – UNESCO • Global Tourism Plastics Initiative (led by UNWTO/UNEP) | |
| 12. Stop ocean pollution | <ul style="list-style-type: none"> • Understand and map land and sea-based sources of pollutants and contaminants and their potential impacts on human health, ocean ecosystems, livelihood of coastal and/or ocean-dependent communities, and economic growth. | UNDP, UNEP, BRS, CMS, IMO, IAEA, UNESCO IOC, IMO/London Protocol, UNCTAD, ECA | <ul style="list-style-type: none"> • UN Decade of Ocean Science for Sustainable Development • Global Partnership on Marine Litter • GOA-ON Initiative | 03 06 09 12 14 17 |

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| | <ul style="list-style-type: none"> • Develop integrated solutions to remove or mitigate pollutants and contaminants. • Monitor and reduce bioaccumulation of toxins. • Test innovative clean up of water-borne microplastics (including before they reach the ocean). • Use bioremediation and negative emission technologies to extract pollutants, including residuals from marine munitions. • Assess the extent of ocean acidification. | | <ul style="list-style-type: none"> • UNCTAD Sustainable Manufacturing and Environmental Pollution | |
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#4: Nature is conserved and restored, while nature-based solutions for disaster risk reduction, climate action are accelerated.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
|--|---|--|--|-------------------|
| 13. Prevent risks from climate change, including extreme weather events | <ul style="list-style-type: none"> • Promote ecosystem-based adaptation. • Promote nature-based solutions for Disaster Risk Reduction including through asset creation and public works programs. • Integrate nature-based solutions with climate risk insurance programs. • Promote cooperation between traditional indigenous weather forecasting and scientific capacities to manage extreme weather events. | WMO, IOM, UNHCR, UNFCCC, UNICEF, Ramsar Convention, UNDP, UNU, UNESCO, UNESCO-IOC, ICAO, ILO, UNODC, UN ESCWA, UNODC, UNDRR, WFP | <ul style="list-style-type: none"> • Partnership for Environment and Disaster Risk Reduction (PEDRR) • UN-SPIDER • Sendai Framework for Disaster Risk Reduction • The Warsaw International Mechanism for Loss and Damage under the UNFCCC • Friends of EbA (FEBA) community • UN Decade of Ocean Science | 03 06 10 13 14 15 |

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| | <ul style="list-style-type: none"> ● Enhance observation, forecasts, predictions, early warning systems and community preparedness in the face of ocean-related risks. ● Support integrated climate security measures. ● Explore linkages between environmental degradation, conflict and migration. ● Enhance understanding of the context-specific nature of the risks and challenges across different time horizons. | | <p>for Sustainable Development</p> <ul style="list-style-type: none"> ● IOC Tsunami Programme ● UN Decade on Ecosystem Restoration ● UNFCCC Koronivia joint work on agriculture ● Megacities Alliance for Water and Climate ● UNESCO IHP Water for Human Settlements Chairs and Centers network ● Risk-Informed Early Action Partnership (REAP) ● InsuResilience Global Partnership | |
| 14. Halt habitat degradation and promote ecosystem restoration | <ul style="list-style-type: none"> ● Accelerate existing global and regional efforts to achieve ecosystem restoration at scale. ● Promote transboundary collaborations for the conservation and restoration of vulnerable ecosystems, such as coastal, mountain, and wetland. ● Promote integrated management of land and ocean environments to conserve and further avoid conversion of natural habitats. ● Maintain and restore critical habitats and unique ecosystems (e.g. fully or highly protected MPAs). ● Accelerate marine/maritime spatial planning for integrated approach to addressing ocean, | UNDP, UNEP, FAO, CBD, CITES, CMS, Ramsar Convention, UNCCD, IFAD, UNESCO, UNFCCC, UN-Habitat, ECA, WFP | <ul style="list-style-type: none"> ● UN Decade on Ecosystem Restoration ● UN Decade of Ocean Science for Sustainable Development ● UNESCO designated sites ● National Adaptation Plans under the UNFCCC ● UNESCO IHP Ecohydrology Programme ● Short Term Action Plan on Ecosystem Restoration ● Global Partnership on Forest Landscape Restoration | 05 10 14 15 |

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| | climate change and biodiversity nexus. <ul style="list-style-type: none"> ● Maintain and restore ecological connectivity that support species dispersal and migration. ● Improve urban-rural linkages. | | <ul style="list-style-type: none"> ● Forest Ecosystem Restoration Initiative (FERI) | |
| 15. Reverse deforestation and forest degradation | <ul style="list-style-type: none"> ● Promote participatory and sustainable afforestation, forest management and urban forestry practices. ● Promote measures and policies to halt forest loss and degradation, including through the UN-REDD Programme. ● Integrate ecosystem conservation and restoration in sectoral policies and measures and strategies. ● Support research and promote best practices on sustainable forest ecosystem restoration. ● Address illegal logging and corruption in the forestry sector. | UNEP, FAO, UNECE, UNCCD, UNDP, CITES, UNCTAD, UNESCO designated sites, UNDESA, UNFCCC, ECA, UNODC, WFP | <ul style="list-style-type: none"> ● UN-REDD Programme ● New York Declaration on Forest ● UN Forum on Forests ● UN Strategic Plan for Forests and its Global Forest Goals ● Global core set of forest-related indicators ● Collaborative Partnership on Forests ● Global Partnership on Forest Landscape Restoration ● Integrated UNECE/FAO Programme of Work on Forests ● Forest Ecosystem Restoration Initiative (FERI) | 06 09 10 12 13 14 15 17 |

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| 16. Prevent soil degradation and combat coastal erosion | <ul style="list-style-type: none"> ● Recognize the value of soil. ● Avoid incentives promoting soil degradation and instead devise positive incentives to reward sustainable land management. ● Promote the adaptive management of coasts, including through nature-based solutions. ● Protect and restore wetlands, coral reefs and mangrove forests. ● Increase resilience in the face of ocean acidification, oil spill accidents and sea level rise. ● Promote public works and asset creation programs to combat soil degradation and erosion and create jobsfor targeted groups. | UNDP, UNEP, FAO, IAEA, IFAD, Ramsar Convention, UNCCD, ILO, UNFCCC, UNESCO, UNESCWA, ECA, WFP | <ul style="list-style-type: none"> ● Land Degradation Neutrality (LDN) ● UN Decade of Ocean Science for Sustainable Development | 02 03 06 07 09 12 13 14 15 |
| 17. Reduce the emissions gap | <ul style="list-style-type: none"> ● Leverage climate and biodiversity co-benefits, while increasing carbon sequestration and natural resilience. ● Utilize the ability of forest, coastal and marine ecosystems to sequester carbon, including protection and restoration of mangroves, salt marshes, seagrass beds, and seaweeds. ● Reduce methane emissions, including through sustainable land livestock management practices. | UNDP, UNEP, IMF, WB, UNFCCC, FAO, IAEA, IFAD, IMO, ICAO | <ul style="list-style-type: none"> ● UNEP-IUCN Global Fund for Ecosystem-based Adaptation ● UN REDD Programme ● Koronivia joint work on agriculture under the UNFCCC ● Livestock Environmental Assessment and Performance Partnership (LEAP) ● London Protocol | 06 09 12 13 14 15 |

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| 18. Promote greening and blueing of our cities | <ul style="list-style-type: none"> ● Promote sustainable urban density. ● Promote nature-positive urban infrastructure and building design. ● Incorporate well-planned natural habitats into cities. ● Create networks of linked green spaces and biodiversity corridors. ● Promote planet-compatible urban utilities. ● Encourage sustainable urban and peri-urban agriculture. ● Strengthen capacity building to implement nature-based solutions (NbS) and green and blue infrastructure as a contribution to a green recovery from COVID-19. ● Strengthen capacity of local authorities to use nature-based solutions for disaster risk reduction and resilience. | UN-Habitat, UNICEF, FAO, UNDP, UNOPS, UNECE, UNFCCC, ITU, UNU, UNEP, UNDRR | <ul style="list-style-type: none"> ● Trees in Cities Challenge ● UNU Sustainable Urban Nature project ● FAO's Green Cities Initiative ● UNEP's Sustainable Cities Impact Programme ● UNEP/UN Habitat Greener Cities Partnership ● Nairobi work programme (NWP) under the UNFCCC ● Making Cities Resilient 2030 | 03 11 14 15 |
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#5: The links between biological and cultural diversity are recognized, and the protection of sites of international importance for biological and cultural diversity enhanced.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
|---|---|-------------------------------------|---|--------------|
| 19. Strengthen the links between biodiversity and cultural diversity | <ul style="list-style-type: none"> Promote the benefits of nature's non-material contributions including indigenous knowledge and cultural. Ensure availability of research and information on traditional knowledge and cultural practices that contribute to biodiversity conservation. Enhance protection of sites of international importance for biological and cultural diversity. Enhance knowledge of the cultural values of the ocean and embrace the role of indigenous and local knowledge to contribute to solutions for biodiversity protection. Promotes the exchange of experience and best practices with a view to applying, strengthening, protecting and preserving traditional knowledge, knowledge of indigenous peoples and local knowledge systems, taking into account the free, prior | UNESCO, UNFCCC, CBD, UNU, ECA, WIPO | <ul style="list-style-type: none"> UNESCO 2003 Convention for the Safeguarding of the Intangible Cultural Heritage UNESCO 1972 World Heritage Convention UNESCO MAB programme LCIPP under the UNFCCC UN Decade of Ocean Science for Sustainable Development Satoyama Initiative UNU-IAS Operating Unit Ishikawa/Kanazawa (OUIK) Biocultural Diversity Initiative | 04 14 15 |

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| | and informed consent of the holders of such knowledge. | | | |
| 20. Promote education and the generation, sharing and use of knowledge | <ul style="list-style-type: none"> ● Ensure that all decision makers and other stakeholders have access to reliable and up-to-date information for the effective management of biodiversity. ● Address the exclusion or blockages to indigenous and local knowledge contributing to national science capacity and decision-making. ● Ensure indigenous and local women's knowledge is recognized and valued. ● Support new technologies for bridging between indigenous knowledge systems and reliable biodiversity data. ● Promote the notion of nature's benefits to people and good quality of life. ● Enable transmission of cultural practices, knowledge and expressions that promote respect for and valuing of nature and living things to future generations, including through school meals programs. ● Issue guidance documents on managing biodiversity and ensure availability and sharing through open-source platforms. | <p>UNDP, UNEP, UNESCO, UNU, CMS, FAO, IAEA, CBD, Ramsar, UNCTAD, UNFCCC, UNICEF, UNESCO-IOC, UNDESA, ITC ILO, WIPO, WFP</p> | <ul style="list-style-type: none"> ● UNESCO Local and Indigenous Knowledge Systems (LINKS) programme ● UNESCO 2003 Convention for the Safeguarding of the Intangible Cultural Heritage ● UNESCO MAB programme ● UN Decade of Ocean Science for Sustainable Development ● UNESCO-IOC Ocean Biodiversity Information System ● UNESCO-IOC OceanTeacher Global Academy ● IOC/WMO/UNEP/ICSU Global Ocean Observing System ● UNESCO Education for Sustainable Development for 2030 framework (ESD for 2030) ● UNESCO IHP Water Education Programme | 03 04 14 15 16 |

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| | <ul style="list-style-type: none"> ● Support and scale up local solutions by sharing best practice across countries and regions. ● Promote Ocean Literacy across all sectors and generations as a means of inciting behavior change in relation to the use and protection of the ocean. ● Advocate for children and young people's right to receive a transformative education that equips them with knowledge, skills and values to tackle global challenges and, in this connection, for the integration of environmental and climate action as core curriculum components at all levels of education. ● Develop the capacities of media and journalists to provide accurate and reliable information on environmental issues. ● Support technology development and capacity building for the enhancement and sustainable use of biodiversity in crops and animals for food and nutritional security | | <ul style="list-style-type: none"> ● FAO Commission on Genetic Resources for Food and Agriculture ● LCIPP under the UNFCCC ● UNU postgraduate degree programmes ● UNU Regional Centers of Expertise on ESD (RCEs) network ● UNU Toolkit for the Indicators of Resilience in Socio-ecological Production Landscapes and Seascapes (SEPLS) ● UNCTAD BioTrade Initiative and the BioTrade Knowledge Sharing Platform (UNCTAD/ITC) ● Interactive Dialogues of the General Assembly on Harmony with Nature ● Biosafety Clearing House mechanism for the Cartagena Protocol on Biosafety | |
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| | | | <ul style="list-style-type: none"> ● ITC Standards Map and Sustainability Map platforms ● UNEP's Sustainable Cities Impact Programme ● UNESCO IHP Water for Human Settlements Chairs and Centers network ● Megacities Alliance for Water and Climate | |
| 21. Ensure fair and equitable sharing of benefits resulting from the utilization of genetic resources | <ul style="list-style-type: none"> ● Promote the fair and equitable sharing of benefits derived from the utilization of genetic resources including germplasm and genomics data. ● Promote the fair and equitable sharing of benefits derived from the utilization of traditional knowledge associated with genetic resources. | UNDP, UNESCO, FAO, IAEA, IFAD, CBD, UNEP, WIPO, UNCTAD, ECA | <ul style="list-style-type: none"> ● Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization ● International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA) ● UNCTAD BioTrade Initiative and Oceans Economy and Fisheries Programme | 01 02 14 15 |

B. A green and inclusive economic recovery

#6: Public and private finance and investments, especially those mobilized to respond to the COVID-19 induced crisis, accelerate green, just and inclusive socioeconomic transitions, including from the informal to formal economy.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
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| 22. Prevent loss of ecosystem services and natural capital | <ul style="list-style-type: none"> ● Increase investments in natural capital stocks. ● Increase standards for green private investments. ● Promote nature-positive fiscal policies and incentives. ● Promote the incorporation of natural capital in policymaking. ● Promote nature-positive trade policies and incentives. ● Align global finance with conservation objectives which have multiple benefits. ● Avert, minimize and address non-economic losses associated with the adverse impacts of climate change, including the loss of ecosystem services and biodiversity ● Promote climate investment that is at the least biodiversity neutral and ideally biodiversity positive. | IMF, WB, UNDP, UNEP, UNCTAD, ILO | <ul style="list-style-type: none"> ● The Economics of Ecosystems and Biodiversity (TEEB) initiative ● Partnership for Action on Green Economy (PAGE) ● UNCTAD Sustainable Manufacturing and Environmental Pollution, Oceans Economy and Trade Strategies and BioTrade Initiative ● Task Force for Nature-related Financial Disclosures ● The Strategic workstream on non-economic losses under the WIM, UNFCCC | 08 12 13 14 15 |

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| | <ul style="list-style-type: none"> Promote the use of Employment Impact Assessments (EmPIA) to assess the job creation in the environmental sector. | | | |
| 23. Promote decent and sustainable employment opportunities | <ul style="list-style-type: none"> Support the creation of new job opportunities through clean and green transitions and investments in low-carbon industries, ensuring equal opportunities for women. Ensure that the creation of decent work opportunities is part of COVID-19 recovery plans that are inclusive and sustainable. Support labor-based inclusive job opportunities through Green Works- e.g. in soil and water conservation, afforestation and reforestation, irrigation, and flood protection. Promote certification of indigenous knowledge, skills and competencies to improve fair wage and labor opportunities. Reinforce the links between health, labor and environmental protection while promoting decent work and protecting labor rights. | UNIDO, FAO, UNDP, UNEP, ILO, UNICEF, UNFCCC, UNECE, UNESCO through its designated sites, WIPO, WFP | <ul style="list-style-type: none"> FAO's Green jobs in Agriculture projects and initiatives ILO's Employment Intensive Investment Programmes in Green Works ILO Guidelines for a just transition towards environmentally sustainable economies and societies for all Climate Action for Jobs Green Jobs Assessment Institutions Network (GAIN) UNFCCC Technical Paper 'JustTransition of the Workforce, and the Creation of Decent Work and Quality Jobs' UNECE/FAO/FE Guidelines for green jobs in the forest sector | 06 07 08 12 14 15 16 |

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| 24. Encourage green public sector finance | <ul style="list-style-type: none"> • Ensure greener and gender-responsive public procurement measures. • Increase public finance for nature, including ecological fiscal transfer. • Promote central bank risk measures and sustainable finance guidelines. • Scale up uptake of the BIOFIN methodology including biodiversity finance plan development and implementation. • Support public sector to increase availability of concessional finance that de-risks opportunities for private sector engagement. • Promote the use of Employment Impact Assessments (EmplA) to assess the job creation in the environmental sector. | UNEP, UNDP, FAO, IMF, GEF, GCF | <ul style="list-style-type: none"> • UNEP-IUCN Global Fund for Ecosystem-based Adaptation • UNDP Biodiversity Finance Initiative (BIOFIN) • Great Green Wall Initiative | 08 14 15 17 |
| 25. Promote green private sector investments | <ul style="list-style-type: none"> • Accelerate creation of new financial instruments and new financial sources to finance nature. • Integrate biodiversity and ecosystem services consideration and risk into financial decision-making. • Enhance the availability of information and raise awareness of biodiversity in the private sector. | UNEP, UNDP, IMF, WB, UNCTAD, ITC, ILO | <ul style="list-style-type: none"> • UN Environment Programme Finance Initiative (UNEP FI) • UNEP FI Sustainable Blue Economy Finance Principles • Task Force on Nature-related Financial Disclosures • ILO's Climate Action for Jobs Initiative | 08 14 15 17 |

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| | <ul style="list-style-type: none"> • Link innovation and impact investing to develop solutions for sustainable ocean economies. | | <ul style="list-style-type: none"> • Green Jobs Assessment Institutions Network (GAIN) • UN Global Compact • The Lion's Share initiative • UNCTAD BioTrade Initiative • UN Decade of Ocean Science for Sustainable Development | |
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#7: Sustainable consumption, including sustainable lifestyles and livelihoods, is promoted, inequalities are eliminated and biodiversity loss halted.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
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| 26. Support the transition towards circular and green economies | <ul style="list-style-type: none"> • Improve global resource efficiency. • Encourage the adoption of sustainable consumption and lifestyles. • Enhance consumer education to inform behavior and shift consumption patterns. • Strengthen commitments toward deforestation-free commodities. • Adopt holistic sustainable consumption approaches based on traditional and local knowledge. | UNDP, UNEP, UNCTAD, WTO, FAO, IAEA, UNIDO, ITC, ILO, UNESCO, UN-Habitat, UNESCWA, UNWTO | <ul style="list-style-type: none"> • Partnership for Action on Green Economy (PAGE) • Green Growth Knowledge Platform (GGKP) • Climate Action for Jobs • One Planet Network (in particular Sustainable Lifestyles and Education programme) • Sustainable Bioeconomy Guidelines | 08 09 11 12 14 15 |

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| | <ul style="list-style-type: none"> ● Promote circular-economy approaches relieving demand-side pressures on biodiversity. ● Promote competition and consumer protection policies that sustain sustainable consumption patterns. | | <ul style="list-style-type: none"> ● UNCTAD Competition and Consumer Policies Branch ● UNCTAD BioTrade Initiative and VSS program ● United Nations Forum on Sustainability Standards ● Circular economy approaches and the Natural Capital Protocol ● ITC Trade for Sustainable Development (T4SD) Programme ● Global Initiative for Resource Efficient Cities (GI-REC) ● Megacities Alliance for Water and Climate ● Global Water Security Issues ● UNESCO IHP Water for Human Settlements Chairs and Centers network ● Regional Circular Economy Coalition for Latin America and the Caribbean | |
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| | | | <ul style="list-style-type: none"> ● Global Alliance on Circular Economy and Resource Efficiency (GACERE) ● One Planet Vision for a Responsible Recovery of the Tourism Sector | |
| 27. Support transparent and sustainable trade and supply chains | <ul style="list-style-type: none"> ● Promote regulation for international shipping and aviation that preserve biodiversity. ● Ensure trade with legally and sustainably sourced products, such as from wildlife, agriculture, fisheries, forestry. ● Incorporate costs of ecosystem services into supply chains. ● Link trade, biodiversity and sustainable development through global actions. ● Support legislation that can ensure accountability of the private sector. | UNDP, UNCTAD, WTO, UNIDO, FAO, CITES, IMO, ICAO, ITC, ILO, UNODC, UNEP | <ul style="list-style-type: none"> ● UNCTAD BioTrade Initiative ● Climate Technology Centre and Network (CTCN) ● Sustainable Wildlife Management Programme 2018-2024 ● UNCTAD Oceans Economy and Trade Strategies and VSS programme ● United Nations Forum on Sustainability Standards ● ITC Trade for Sustainable Development (T4SD) Programme ● UNDP Green Commodities Programme | 08 12 14 15 16, 17 |

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| 28. Promote sustainable waste management | <ul style="list-style-type: none"> • Support greening of manufacturing practices and waste management, including infrastructure. • Mainstream pollution-reduction and sound management of chemicals and wastes into humanitarian action. • Mainstream circularity and promote recycling practices. • Educate consumers on waste treatments. • Address waste trafficking. | BRS, CMS, IMO, IAEA, FAO, UNHCR, ITU, UNIDO, UNDP, UNEP, UNODC, UNRWA, UNCTAD, ICAO, UNICEF, ITC, ILO, UNODC, UN-Habitat, UNESCWA | <ul style="list-style-type: none"> • UN E-waste Coalition • UNCTAD Sustainable Manufacturing and Environmental Pollution • BRS Plastic Waste Partnership and Global Partnership on Marine Litter (GPML) • Waste Wise Cities Campaign | 08 09 12 14 15 |
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#8: Material-intensive socioeconomic production systems are transformed to create better outcomes for people and nature, while meeting increased demand for resources and materials.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
|---|---|--|--|-------------------------------|
| 29. Support nature-positive metals, mineral and energy extraction and address illegal mining and trafficking in precious metals and stones | <ul style="list-style-type: none"> • Decrease reliance on fossil fuels for energy production. • Develop standards for sustainable resource extraction, including for sand. • Ensure environmental and human rights impact assessments for all extractive activities. • Promote the “No Go” concept for protected areas, in particular World Heritage sites. | UNIDO, UNDP, UNEP, IAEA UNESCO, ILO, UNDP, UNODC | <ul style="list-style-type: none"> • Biodiversity Indicators for Extractive Companies • UNESCO 1972 World Heritage Convention • UN Decade of Ocean Science for Sustainable Development • UN Convention against Transnational Organized Crime (UNTOC) • UN Convention against Corruption (UNCAC) | 03 06 07 09 11 12 13 14 15 16 |

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| | <ul style="list-style-type: none"> ● Enhance knowledge on the effects of deep-sea mining and potential solutions to address negative impacts. ● Support measures against illegal mining and trafficking in precious metals and stones. | | | |
| 30. Support nature-positive energy transitions | <ul style="list-style-type: none"> ● Redirect fossil fuel subsidies into green energy jobs. ● Increase opportunities for the deployment of renewable energy and energy efficiency solutions, including through school based programs. ● Promote sustainable production and use of biofuels. ● Understand and address trade-offs in hydropower generation. ● Enhance energy for climate-smart agriculture and related value chains. ● Enhance sustainable energy use in humanitarian situations. ● Promote environmental, social and human rights impact assessments of sustainable energy projects. | UNEP, IAEA, ILO, UNIDO, UNICEF, UNDP, IMF, ICAO, UNFCCC, ITC, UN-Habitat, UNESCWA, IFAD, WFP | <ul style="list-style-type: none"> ● UN-Energy ● Green Jobs Assessment Institutions Network (GAIN) ● FAO's Energy-smart food for people and climate programme | 07 08 11 12 13 14 15 |
| 31. Support green and blue infrastructures | <ul style="list-style-type: none"> ● Restore and protect nature as infrastructure. ● Promote nature-positive connecting infrastructure. ● Promote the use of Environmental Impact Assessments (EIA) and Strategic Environmental Assessments (SEA). | IMF, WB, CMS, UNOPS, UNDP, UNECE, UNICEF, UNIDO, ITU, ICAO, UN-Habitat, ILO, UNEP, ECA, WFP | <ul style="list-style-type: none"> ● UNEP's COVID-19 Response ● ILO Employment-Intensive Investment Programme (EIIP) Green Works ● United for Smart Sustainable Cities (U4SSC) | 08 09 14 15 |

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| | <ul style="list-style-type: none"> • Enhance community-based approaches, ecosystem-based approaches, and hybrid strategies integrating engineering approaches with nature, such as building with nature, green infrastructure, and other hybrid types, including through asset creation and public works programs. • Promote the use of Employment Impact Assessments (EmPIA) to identify job creation opportunities in restoring and protecting green and blue infrastructure. • Leverage international standards – for example ITU-T Recommendations – to improve sustainability and environmental performance of buildings and to implementing green ICT infrastructure. | | | |
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#9: Sustainable and secure food systems are ensured through urgent action by all actors.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
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| 32. Transform unsustainable agricultural and fisheries practices | <ul style="list-style-type: none"> • Call to phase out harmful agricultural subsidies/incentives. • Halt harmful fisheries subsidies. • Address illegal, unreported and unregulated fishing and protect marine resources. | FAO, IFAD, IAEA, UNDP, UNEP, Ramsar Convention, UNCCD, WTO, UNESCO, UNIDO, ILO, CBD, UNFCCC, | <ul style="list-style-type: none"> • TEEB AgriFood initiative • FAO Global Hub on Indigenous Food Systems • FAO's Biodiversity Mainstreaming Platform | 02 03 06 09 12 13 14 15 |

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| | <ul style="list-style-type: none"> ● Digitalize and optimize sustainable modern farming. ● Rewild/restore abandoned agricultural land. ● Enhance landscape and habitat variability to benefit both crops and insects. ● Promote renewable and clean energy solutions for irrigation, storage and refining to improve livelihoods and reduce food loss. ● Enhance risk assessment and risk management approaches for modern biotechnology for agricultural production. ● Protect landscapes and indigenous food systems threatened by industrial agriculture. ● Enhance genetic diversity in agricultural systems. | UNESCWA, ECA, IMO, WFP | <ul style="list-style-type: none"> ● FAO Strategy on Mainstreaming Biodiversity across Agricultural Sectors ● ILO Green Jobs and Employment-Intensive Investment (EIIP) programmes ● UN Food Systems Summit ● Cartagena Protocol on Biosafety ● UNFCCC Koronivia joint work on agriculture ● UNDP Food and Agricultural Commodity Systems Strategy | |
| 33. Shift towards productive and regenerative agriculture and fisheries | <ul style="list-style-type: none"> ● Promote regenerative agriculture, agroecology, agroforestry. ● Support the work of small-scale farmers and their livelihoods, particularly women. ● Promote sustainable fisheries conducive to a healthy and productive ocean. ● Support coastal and islander indigenous and local communities in marine and coastal sustainable resource use and conservation. | FAO, IFAD, IOM, CBD, WFP, IAEA, UNICEF, UNIDO, UNDP, UNEP, UNU, UNCTAD UNESCO designated sites, UNESCO-IOC, ITC, ILO, UNESCWA, WIPO | <ul style="list-style-type: none"> ● Biodiversity for Food and Nutrition Initiative ● IPBES and MEA frameworks ● Research on circular economy ● UNCTAD BioTrade Initiative, Oceans Economy and Fisheries Programme and VSS programme | 01 02 08 09 11 12 13 14 15 |

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| | <ul style="list-style-type: none"> ● Halt and reverse insect decline in agricultural/managed landscapes, including through sustainable pest management. ● Apply and promote circular economy approaches in agriculture. ● Increase knowledge to underpin sustainable fisheries and aquaculture production. ● Ensure respect for the traditional practices of indigenous peoples and local communities. ● Characterize and promote the utilization of locally adapted livestock breeds. ● Promote sustainable management and utilization of local plant resources as livestock feed. | | <ul style="list-style-type: none"> ● United Nations Forum on Sustainability Standards ● UN Decade of Ocean Science for Sustainable Development ● FAO's Blue Growth Initiative ● FAO Global Partnership for Climate, Fisheries and Aquaculture ● ILO Green Jobs and Employment-Intensive Investment (EIIP) Green Works programmes ● Sustainable Rice Platform (SRP) ● Satoyama Initiative ● Climate Technology Centre and Network (CTCN) | |
| 34. Promote sustainable food systems and reduce food waste | <ul style="list-style-type: none"> ● Support a transition to sustainable food systems that are in balance with nature and that support healthy diets. ● Recognize the interdependencies of demand and supply in designing food system reform. ● Reduce food loss and food waste. | FAO, UNEP, UNU, ILO, UNESCWA, IFAD, UNWTO, WIPO, WFP | <ul style="list-style-type: none"> ● Technical Platform on measurement and reduction of food loss and waste ● FAO Global Hub on Indigenous Food Systems ● UNWTO Global Tourism Food Waste Initiative ● 2021 UN Food Systems Summit | 01 02 03 08 09 12 14 15 |

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| | <ul style="list-style-type: none"> Promote the use of insects as both waste decomposers and food sources. | | | |
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#10: Markets, economic and financial practices are fundamentally reformed and use metrics for governments, the private sector and society, to measure progress towards sustainable development, supported by strengthened regulations to conserve and restore natural capital.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
|---|--|--|---|--|
| 35. Establish new metrics to redefine prosperity | <ul style="list-style-type: none"> Develop and promote alternative GDP and 'Green' Human Development Index. Develop appropriate indicators to capture the direct and indirect consequences of biodiversity loss. | ILO, WTO, UNWTO, UNDP, UNEP, UNCTAD | <ul style="list-style-type: none"> Inclusive Wealth Index Biodiversity Indicators Partnership (BIP) UN Decade on Ecosystem Restoration 2021-2030 Trade and biodiversity statistical tool (UNCTAD BioTrade Initiative & Development Statistics and Information Branch) | 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 |
| 36. Account for the value of biodiversity | <ul style="list-style-type: none"> Promote systems of environmental economic accounting and ecosystem accounting. Promote ocean accounting as a contribution to the development of a sustainable ocean economy. | UNEP, UNDP, FAO, UNDP, UNDESA, ILO, WIPO | <ul style="list-style-type: none"> System of Environmental-Economic Accounting – Ecosystem Accounting (SEEA EA) UN Decade of Ocean Science for Sustainable Development | 01 08 14 15 17 |

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| | <ul style="list-style-type: none"> ● Share knowledge and information to value natural capital and prepare country-relevant metrics for inclusive wealth. ● Research and promote indigenous knowledge on valuing nature. ● Account for non-economic losses and as impacts incurred or potentially incurred from slow onset climate processes/events, in risk assessment models to more accurately reflect current and future loss and damage. | | <ul style="list-style-type: none"> ● System of Environmental-Economic Accounting for Agriculture, Forestry and Fisheries (SEEA AFF) ● The Warsaw International Mechanism for Loss and Damage under the UNFCCC | |
| 37. Shift corporate strategies to low-carbon and resilient models | <ul style="list-style-type: none"> ● Support the integration of commitments related to sustainable development, human rights, climate and natural capital in corporate goals, business models, reporting and transition plans. ● Accelerate financial reporting and disclosure. ● Strengthen scenario analysis to assess strategic resilience and improve nature riskmodelling. ● Change corporate incentive structures through effective regulation to protect the environment and its enforcement and to respect human rights as provided in the UN Guiding Principles on Business and Human Rights. | UNEP, UNDP, UNIDO, ILO, OHCHR, ECA | <ul style="list-style-type: none"> ● UN Environment Programme Finance Initiative (UNEP FI) ● UN Global Compact ● Preparatory process for a Task Force on Nature-related Financial Disclosure ● Exploring Natural Capital Opportunities and Risk Exposure (ENCORE) | 08 10 14 15 |

C. Strengthened institutions, accountability and justice

#11: Institutional capacity is supported to plan and pursue integrated solutions to reverse biodiversity loss and accelerate progress on the implementation of the 2030 Agenda.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
|--|--|---|---|--------------|
| 38. Support the inclusive implementation of bold and actionable goals and targets | <ul style="list-style-type: none"> Support national implementation of the post-2020 global biodiversity framework and its alignment with the Paris Agreement and the 2030 Agenda for Sustainable Development. Support gender-responsive and human rights-based implementation of the post-2020 global biodiversity framework, including implementation of a post-2020 gender plan of action. Promote strong commitments for biodiversity protection and restoration, including from non-state actors. Identify and push trigger points for mobilizing non-environmental constituencies, including through targeted communication campaigns. Engage with priority actors such as faith-based networks, fashion/clothing, food and mining/metal industries. | CBD, UNDP, UNEP, FAO, CMS, UNDP, UNESCO, IAEA, UNCTAD, UN Women, UN Habitat, UNFCCC, OHCHR, ILO, UNU, ECA, IFAD, UNODC, UNWTO | <ul style="list-style-type: none"> CBD Action Agenda Paris Agreement UN Decade on Ecosystem Restoration UN Decade of Ocean Science for Sustainable Development UNESCO-UNEP Coalition for Nature Satoyama Initiative UNCTAD BioTrade Initiative ILO Guidelines for a just transition towards environmentally sustainable economies and societies for all | 13 14 15 17 |

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| | <ul style="list-style-type: none"> Promote a global regulatory framework to secure a level playing field so no one is left behind | | <ul style="list-style-type: none"> The United Nations Congress on Crime Prevention and Criminal Justice | |
| 39. Mainstreaming nature into development and sectoral plans, policies and processes | <ul style="list-style-type: none"> Promote whole of government and society approach for implementation of national strategies/action plans. Improve EIA, EmplA, SEA and social safeguards. Promote nature-based solutions as integrated elements of development planning. Promote and reinforce ecosystem-based ocean governance based on the Regional Seas programs. Engage policy-makers in the co-design and co-delivery of evidence and knowledge systems needed to support sound policy. Support development of National Ocean Policies. Develop gender-responsive and humanrights-based national adaptation plans. Incorporate Green Jobs and biodiversity targets into National Employment Policies. Incorporate Nature-Based Solutions in national DRR strategies | CBD, UNEP, UNDP, FAO, UNCTAD, UNESCO-IOC, IMO, ICAO, OHCHR, ILO, ECA, UNDRR, WFP | <ul style="list-style-type: none"> FAO Biodiversity Mainstreaming Platform National Ecosystem Assessments (NEA) UNCTAD BioTrade Initiative and Oceans Economy and Trade Strategies | 14 15 17 |

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| 40. Ensure adequate resources, including for institutional capacity to integrate nature | <ul style="list-style-type: none"> ● Enhance international support for implementing effective and targeted capacity building in developing countries. ● Support national plans for implementation of the post-2020 global biodiversity framework. ● Increase scientific and technical cooperation. ● Leverage partnerships with multiple sectors including the private sector. ● Enhance ocean related capacity development and transfer of marine technology with a focus on SIDS and LDCs. | WB, UNDP, UNEP, UNCTAD, UNESCO-IOC, IMO, CBD, ICAO, IAEA, ITC, ILO, UNU, UNODC | <ul style="list-style-type: none"> ● Intergovernmental Platform for Biodiversity and Ecosystem Services (IPBES) ● Biodiversity and Ecosystem Services Network (BES-Net) ● UN Decade of Ocean Science for Sustainable Development ● UNESCO-IOC Ocean Teacher Global Academy ● Satoyama Initiative ● UNCTAD BioTrade Initiative | 14 15 17 |
| 41. Promote integrated spatial planning | <ul style="list-style-type: none"> ● Advocate for integrated spatial planning, including through Essential Life Support Area maps. ● Promote landscape approaches and the development of sustainable ocean plans at the national or regional level. ● Promote connectivity landscape approaches that involve diverse landowners and improved large-scale governance systems. ● Promote integrated marine spatial planning. ● Promote landscape governance approaches to address deforestation | UNEP, UNDP, UNU, CBD, UNESCO-IOC, FAO, IMO, ICAO, UN-Habitat, UNODC | <ul style="list-style-type: none"> ● CBD Ecologically or Biologically Significant Marine Areas (EBSAs) ● IMO Particularly Sensitive Sea Areas (PSSAs) ● NatureMap ● Satoyama Initiative ● MSP Global Initiative ● UN Biodiversity Lab | 14 15 |

#12: Safeguards on biodiversity and the integrity of all ecosystems are implemented, sectoral and national accountability is clarified, and monitoring and reporting against environmental obligations fulfilled.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
|---|--|---|---|--------------|
| 42. Develop targets, indicators and datasets to better account for value of nature | <ul style="list-style-type: none"> Promote the development of post-2020 measurable targets and associated indicators. Recognize the links between indicators for reporting on biodiversity, climate change and ocean. Promote biodiversity integration in policy-making through multidimensional indices. | UNEP, UNDESA, ILO, UNCTAD, UNODC | <ul style="list-style-type: none"> Biodiversity Indicators Partnership (BIP) Multidimensional Biodiversity Index (MBI) | 14 15 17 |
| 43. Support transparent national biodiversity reporting | <ul style="list-style-type: none"> Support the development of guidelines for participatory post-2020 national reporting. Pilot spatially explicit and transparent reporting. Ensure all actors can discover, access, integrate and share the data they need to fulfil responsibilities to the people and planet. Strengthen gender-responsive research, data collection and reporting. | CBD, UNEP, UNDESA, UN Women, UNDP, UNESCO, ILO, UNCTAD, UNODC | <ul style="list-style-type: none"> UN Biodiversity Lab MapX UNESCO World Heritage Convention and MAB programme | 14 15 17 |

#13: Environmental rule of law and procedural rights on access to information and justice are promoted, and meaningful participation in environmental decision-making is enabled.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
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| 44. Strengthen governance, procedural rights and rule of law | <ul style="list-style-type: none"> Promote integration of rule of law in environmental law and policies to help strengthen biodiversity protection, conservation and restoration. Promote the conservation and sustainable use of marine biological diversity of areas beyond national jurisdiction (BBNJ) Ensure law and regulation enforcement. Promote concept, enforcement and widescale adoption for fighting environmental crimes and legal liability for nature destruction, including by making crimes that impact the environment serious crimes as per definition of the UN Convention against Transnational Organized Crime (UNTOC). Strengthen participation and rights of indigenous peoples and local communities. Ensure accountability for crimes against environmental human rights defenders. | UNEP, UNDP, FAO, UNESCO, OHCHR, IMO, ICAO, UNDESA, ILO, UNU, UNCLOS, UNODC, ECA, WIPO | <ul style="list-style-type: none"> NBSAP Forum The Voluntary Guidelines on the Responsible Governance of Tenure of Land, Fisheries and Forests in the Context of National Food Security Interactive Dialogues of the GA on Harmony with Nature United Nations Permanent Forum on Indigenous Issues Supplementary protocol on liability and redress Satoyama Initiative Montevideo Environmental Law Programme International Consortium on Combating Wildlife Crime (ICWC) | 14 15 16 17 |

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| | | | <ul style="list-style-type: none"> • UN Convention against Transnational Organized Crime (UNTOC) • UN Convention against Corruption (UNCAC) | |
| 45. Promote full and effective participation in decision-making related to biodiversity | <ul style="list-style-type: none"> • Strengthen participation and rights of indigenous peoples and local communities. • In the context of including civil society voices in UN bodies and agencies, create space for young people to participate in shaping the decisions that will affect their future, including but not limited to biodiversity and climate change. • Strengthen the full and effective participation of women in decision-making related to biodiversity at all levels. • Consider ways of more fully involving a wider array of stakeholders in policy processes concerning environmental action. • Ensure participation of ILO social partners (workers and employers) through social dialogue. • Raise awareness of the impact of illegal exploitation of natural resources and corruption on biodiversity among various stakeholders. | UNEP, UNDP, UNESCO, UNICEF, FAO, IOM, UN Women, UNFCCC, OHCHR, CBD, UNU, UNDESA, ILO, UNODC, WIPO | <ul style="list-style-type: none"> • Gender and Land Rights Database (GLRD) • UN Permanent Forum on Indigenous Issues (UNPFII) • Programs/projects supporting implementation of FAO Voluntary Guidelines on the Responsible Governance of Tenure of Land, Fisheries and Forests in the Context of National Food Security • Natural Capital Protocol • United Nations Guidance Note on Protection and Promotion of Civic Space • LCIPP under the United Nations Framework Convention on Climate Change • Satoyama Initiative | 04 10 14 15 16 17 |

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| 46. Safeguard endangered species | <ul style="list-style-type: none"> ● Promote effective species conservation, including through increased funding, protection of umbrella species and of critical habitats. ● Promote the establishment and effective management of protected areas, with the meaningful participation of local communities and free, prior and informed consent of indigenous peoples. ● Promote marine protected areas, including in the high seas, by implementing the 1972 World Heritage Convention. ● Support implementation of Global Plans of Action for genetic resources for Food and Agriculture to safeguard habitats and populations of crop and livestock wild relatives. ● Minimize threats to biodiversity from planned infrastructure. ● Promote habitat mapping and ecological surveying. ● Implement a corruption risk-based approach in wildlife, forest and fisheries management authorities. ● Improve legal frameworks to address wildlife crime as a serious crime under the UNTOC. | CBD, CITES, CMS UNESCO, FAO, UNDP, UNEP, IAEA, UNODC | <ul style="list-style-type: none"> ● Collaborative Partnership on Sustainable Wildlife Management ● UNESCO World Heritage Convention and MAB programme ● FAO's Commission on Genetic Resources for Food and Agriculture ● Globally Important Agricultural Systems (GIAHS) ● UN Convention against Corruption (UNCAC) and UN Convention against Transnational Organized Crime (UNTOC) ● International Consortium on Combating Wildlife Crime (ICWC) | 09 12 14 15 17 |
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| 47. Prevent introduction and spread of invasive alien species | <ul style="list-style-type: none"> ● Promote preventive pathway/vector management, including the introduction, ratification/accession and implementation of relevant international treaties, standards and regulations. ● Introduce rapid, cost-effective and consistent ecological surveying protocols, including through metabarcoding and eDNA. ● Promote efficient species identification and monitoring, including using artificial intelligence and big data. ● Forecast and reduce impacts of harmful algal blooms. ● Control invasive insect species using sterile insect technique. ● Promote public works programs and asset rehabilitation programs to contain and reduce the spread of invasive alien species and create jobs for targeted groups. | WTO, UNEP, CBD, CMS, FAO, IAEA, Ramsar UNESCO, UNESCO-IOC Convention, IMO, ICAO, ILO, WFP | <ul style="list-style-type: none"> ● International Plant Protection Convention (IPPC) ● UNESCO World Heritage Convention ● UNESCO-IOC PacMan Initiative ● UNESCO-IOC HAB Programme ● Global Invasive Alien Species Information Partnership | 02 08 09 12 14 15 |
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#14: Criminal justice and anti-corruption measures to environment-related crimes are strengthened as an essential part of the integrated solutions to protecting biodiversity.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
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| 48. Stop illegal wildlife trade and transport, poaching, trafficking and unsustainable hunting | <ul style="list-style-type: none"> ● Increase protection for front line environmental workers, environmental human rights defenders, and indigenous peoples. ● Leverage consumer power by introducing standards or certifications demonstrating that products are legally sourced, ethical and violence-free. ● Enforce existing legal provisions and enable traceability and best practices. ● Strengthen international investigation and legal intervention in the transportation and trade in illegal wildlife and endangered species. ● Increase attention to the poaching and illicit trade in wild and endangered plants on which indigenous peoples and local communities rely. ● Scale up “crime scene to court” approach in countries to enforce the laws and support the governments to adequately prevent, detect, | FAO, IFAD, UNODC, ILO, CMS, CITES, UNESCO, IOC, UNDP, UNEP UNCTAD, ICAO, UNDESA, UNEP | <ul style="list-style-type: none"> ● Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) ● Convention on the Conservation of Migratory Species (CMS) ● Intergovernmental Conference on Marine Biodiversity Areas Beyond National Jurisdiction. ● UNESCO 1972 World Heritage Convention and MAB programme ● UNCTAD BioTrade Initiative ● UNCTAD Ocean Economy and Fisheries Programme ● UN Decade of Ocean Science for Sustainable Development | 02 05 10 12 15 |

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| | <p>investigate, prosecute and adjudicate wildlife crime.</p> <ul style="list-style-type: none"> • Scale up anti-corruption assistance to wildlife, forestry and fisheries authorities. | | <ul style="list-style-type: none"> • UN Convention against Transnational Organized Crime (UNTOC) • UN Convention against Corruption (UNCAC) • UN Task Force on Illegal Trade in Wildlife • International Consortium on Combating Wildlife Crime (ICCWC) | |
| 49. Stop illegal, unreported and unregulated fishing | <ul style="list-style-type: none"> • Strengthen regulatory measures for the conservation of marine biodiversity beyond national jurisdiction. • Increase knowledge and solutions for sustainable fishing practices. • Increase knowledge and innovative solutions / technology to inform policy and action on illegal fishing. • Conduct value chain analysis, corruption risk assessment and facilitate corruption prevention and criminal justice system measures against crimes occurring in the fisheries value chain. | IMO, FAO, IFAD, UNODC, ILO, CMS, CITES, UNIDO, WTO, UNCTAD, UNDP, UNESCO | <ul style="list-style-type: none"> • UN Decade of Ocean Science for Sustainable Development • UNCTAD Oceans Economy and Trade Strategies • 1995 UNESCO World Heritage marine programme • UN Decade of Ocean Science for Sustainable Development • 1995 FAO Code of Conduct for Responsible Fisheries • UNODC Rotten Fish Guide on corruption prevention in the fisheries value chain | 02 10 12 14 |

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| 50. Increase cooperation between conservation and justice system actors to address illicit exploitation of natural resources | <ul style="list-style-type: none"> • Develop rapid reference guides for investigators and prosecutors to facilitate investigation and prosecution of environmental crimes. • Sensitize judiciary to impact of environmental crime. • Support multi-agency taskforces and cross-border cooperation among criminal justice system actors to address environmental crimes. | UNODC, CITES, UNEP | <ul style="list-style-type: none"> • UNODC, CITES tools and guides • International Consortium on Combating Wildlife Crime (ICCWC) • UN Convention against Transnational Organized Crime (UNTOC) • UN Convention against Corruption (UNCAC) | 14 15 16 |
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#15: Advanced digital information and communication technologies (ICTs) are deployed to ensure open access to and equitable coverage of data and repositories.

| Action | Operational examples | Potential collective action by: | Ongoing collaborations, collective initiatives and coordination mechanisms | Link to SDGs |
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| 51. Promote digitalization for better decision making | <ul style="list-style-type: none"> • Invest in the use of digital technologies to monitor environmental change and to support transparency, predictive analytics and risk identification. • Provide open-source data and tools for decision-makers and enhance citizens' engagement. • Use data, analytics, lifecycle analysis and digital solutions to influence and incentivize | UNEP, UNDP, ITU, FAO, UNECA, UNESCO, UNESCO-IOC, UNIDO, IMO, ICAO, IAEA, UNDESA, ILO, UNODC, WFP | <ul style="list-style-type: none"> • UN Data Strategy • UNEP Global Environmental Data Strategy • UN Biodiversity Lab • Group on Earth Observations (GEO) • Committee on Earth Observation Satellites (CEOS) | 08 12 10 14 15 |

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| | <p>consumer behavior, markets, supply chains and policies towards nature.</p> <ul style="list-style-type: none"> ● Enhance the environmental digital literacy of citizens and diverse stakeholders through training. ● Develop a comprehensive digital representation of the ocean, including a dynamic ocean map, which provides free and open access for exploring, discovering, and visualizing past, current, and future ocean conditions in a manner relevant to diverse stakeholders. ● Support access to justice by advancing the digitization of court hearings and proceedings in environmental crime related cases. | | <ul style="list-style-type: none"> ● UN Decade of Ocean Science for Sustainable Development ● FAO's Hand-in-Hand Initiative ● System for Earth Observation Data Access, Processing and Analysis for Land Monitoring (SEPAL) ● Technology Facilitation Mechanism ● United for Smart Sustainable Cities (U4SSC) initiative | |
| 52. Harness innovation and deploy green and blue technologies | <ul style="list-style-type: none"> ● Strengthen technical and scientific cooperation, technology transfer and innovation. ● Promote collaboration with private sector for co-design and co-delivery of innovative technology to increase understanding of the ocean, for example in the hard to access deep ocean. ● Leverage international standards – such as ITU-T Recommendations – for guidance on | <p>UNEP, UNDP, ITU, IAEA, FAO, WTO, CBD, UNDESA, ILO, UNODC, WIPO, WFP</p> | <ul style="list-style-type: none"> ● UN Decade of Ocean Science for Sustainable Development ● International Oceanographic Data Exchange Programme ● Global Environmental Facility (GEF) ● Joint FAO/IAEA Programme on Nuclear Techniques in Food and Agriculture ● United for Smart Sustainable Cities (U4SSC) | 10 14 15 17 |

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| | <p>implementing green technologies and innovation.</p> <ul style="list-style-type: none">● Pair drone technology with surveying techniques to map remote habitats.● Ensure the rights of all persons to benefit from science and its applications.● Assess and manage potential adverse impacts of biotechnology on biodiversity.● Support the use of technology in identifying and tracing wildlife and timber species to counter wildlife and forest crime. | | <ul style="list-style-type: none">● African Wildlife Forensic Network | |
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