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COMMISSION ON GENETIC RESOURCES FOR FOOD AND AGRICULTURE

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UPDATE ON THE IMPLEMENTATION OF THE FAO STRATEGY ON MAINSTREAMING BIODIVERSITY ACROSS AGRICULTURAL SECTORS AND ITS ACTION PLAN 2024–2027

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I. INTRODUCTION

1. The Commission on Genetic Resources for Food and Agriculture (Commission), at its Nineteenth Regular Session, welcomed the progress made in the implementation of the FAO Strategy on Mainstreaming Biodiversity across Agricultural Sectors (Strategy)¹ and the Action Plan 2021–2023 for the implementation of the Strategy,² and stressed the important role of the Strategy as a coordination mechanism for activities through which FAO supports countries in integrating biodiversity, including the conservation and sustainable use of genetic resources for food and agriculture and other components of biodiversity of relevance to food and agriculture, into relevant programmes, policies and legislation.³ The implementation of the Strategy is monitored by FAO, which reports to relevant Governing and Statutory Bodies, including the Commission.

2. The Ad Hoc Expert Team on Biodiversity for Food and Agriculture, at its first session, recommended that FAO continue to report to the Commission on activities relevant to the implementation of the Framework for Action on Biodiversity for Food and Agriculture⁴ and the Kunming-Montreal Global Biodiversity Framework,⁵ including FAO's work on agroecology and activities covered by the Action Plan 2024–2027 for implementation of the Strategy.⁶

3. This document reports on progress in the implementation of the Strategy, including the final report on its Action Plan 2021–2023 (Annex 1), and presents the Action Plan 2024–2027.^{7,8}

II. PROGRESS IN THE IMPLEMENTATION OF THE STRATEGY

4. The implementation of the Strategy is guided by its four-year Action Plans. The latter specify key actions, deliverables and delivery dates for each of the following four outcomes of the Strategy:

- Outcome 1: Support provided to Members, at their request, to enhance their capacity to mainstream biodiversity.
- Outcome 2: Biodiversity mainstreamed across FAO's policies, programmes and activities.
- Outcome 3: Role of biodiversity and its ecosystem services for food security and nutrition globally recognized.
- Outcome 4: Coordination and delivery of FAO's work on biodiversity strengthened.

5. Annex 1 provides information on the implementation of the 182 planned deliverables for the 2021–2023 period. Many actions and deliverables that were planned for the period 2021–2023 will continue to be delivered under the Action Plan 2024–2027. The actions and deliverables in the Action Plan are not exhaustive of FAO's work related to mainstreaming biodiversity.

6. As of 31 December 2023, out of 182 deliverables, 176 had been completed; 5 had been delayed to 2024 or 2025; and 1 had been cancelled. The status of the implementation of deliverables for the 2021–2023 period is summarized in Table 1.

¹ FAO. 2020. *FAO Strategy on Mainstreaming Biodiversity across Agricultural Sectors*. Rome. <https://openknowledge.fao.org/handle/20.500.14283/ca7722en>

² CL166/REP; FAO. 2021. *2021-23 Action Plan for the Implementation of the FAO Strategy on Mainstreaming Biodiversity across Agricultural Sectors*. Rome. <https://openknowledge.fao.org/handle/20.500.14283/cb5515en>

³ CGRFA-19/23/Report, paragraph 40.

⁴ FAO. 2022. *Framework for Action on Biodiversity for Food and Agriculture*. FAO Commission on Genetic Resources for Food and Agriculture. Rome. <https://doi.org/10.4060/cb8338en>

⁵ <https://www.cbd.int/gbf>

⁶ CGRFA/ET-BFA-1/24/Report, paragraph 10.

⁷ FAO. 2024. *Action Plan for the implementation of the FAO Strategy on Mainstreaming Biodiversity Across Agricultural Sectors 2024–2027*. Rome. <https://openknowledge.fao.org/handle/20.500.14283/cd0709en>

⁸ See also PC 140/4 *Review of FAO's implementation of Conference Resolution 7/2019, Further integration of sustainable agricultural approaches, including agroecology, in the future planning activities of FAO*.

Table 1. Status of implementation of deliverables, by outcome

	Completed	Delayed	Cancelled	Total
Outcome 1	100	4	1	105
Outcome 2	3	0	0	3
Outcome 3	63	1	0	64
Outcome 4	10	0	0	10
Total	176	5	1	182

7. Completed activities cover a variety of topics. The following paragraphs present key achievements. Other achievements are reflected in Annex 1.

8. Biodiversity has been firmly embedded in the FAO Strategic Framework 2022–2031⁹ and the Medium Term-Plan 2022–2025 and Programme of Work and Budget 2022–2023.¹⁰ Biodiversity is explicitly visible in the Programme Priority Areas.¹¹ In particular, a *better environment* Programme Priority Area *Biodiversity and ecosystem services for food and agriculture* mostly targets the implementation of the Strategy and contributes in particular to the Sustainable Development Goals' targets 2.5, 14.4, 15.1, 15.3, 15.4 and 15.6.

9. Mainstreaming biodiversity is a regular item on the agenda of the meetings of relevant FAO Governing and Statutory Bodies, including Regional Bodies. During 2020–2023, the Technical Committees, the Commission and the International Treaty on Plant Genetic Resources for Food and Agriculture received updates on the implementation of the Strategy¹² and were actively involved in the preparation of the Action Plans 2021–2023 and 2024–2027.

10. In 2023, 113 Country Offices reported that the current Country Programming Framework includes biodiversity-specific activities and outputs, and a further 22 have plans to incorporate biodiversity in the future. In 2023, the Country Offices reported that they had supported 88 Members in the development and implementation of normative and standard-setting instruments related to biodiversity, including 42 Members to whom support was provided for the development and implementation of National Biodiversity Strategies and Action Plans (NBSAPs).

11. The FAO Biodiversity Knowledge Hub¹³ was launched in 2023, helping users access over 350 biodiversity-related resources developed by FAO, classified by targets of the Kunming-Montreal Global Biodiversity Framework.

12. The volume of biodiversity-related projects at national and regional levels continues to increase. As of 31 December 2023, 810 projects with the biodiversity marker assigned were operationally active for a total value of USD 2.7 billion.

13. The coordination and delivery of FAO's biodiversity-relevant work have been strengthened, including through an FAO-wide internal technical network for knowledge exchange on biodiversity with 197 members from over 50 Divisions, Offices and Units.

⁹ C 2021/7.

¹⁰ C 2021/3.

¹¹ C 2021/7, paragraph 72.

¹² COAG/2020/16; COFO/2020/5/Rev.2; COAG/2022/13; COFI/2022/8; COFO/2022/6.2; CGRFA-19/23/6.2; IT/GB-10/23/15/Inf.1; COFI:FM/I/2024/4.

¹³ <https://www.fao.org/biodiversity/knowledge-hub/en>

III. ACTION PLAN 2024–2027

14. The Action Plan 2024–2027 is aligned with the strategic narrative guiding the FAO Strategic Framework 2022–2031, as endorsed by the Conference in June 2021: the transformation to more efficient, inclusive, resilient and sustainable agrifood systems for better production, better nutrition, a better environment, and a better life, leaving no one behind.¹⁴ The FAO Medium-Term Plan 2022–2025 explicitly refers to biodiversity mainstreaming and the FAO Strategy on Mainstreaming Biodiversity across Agricultural Sectors, and the important role of biodiversity is reflected across all four “betters”.¹⁵

15. The Action Plan 2024–2027 takes into account the Framework for Action on Biodiversity for Food and Agriculture.¹⁶ It is also aligned with the Kunming-Montreal Global Biodiversity Framework, adopted by the fifteenth meeting of the Conference of the Parties to the Convention on Biological Diversity, in December 2022.

16. The Action Plan 2024–2027 further operationalizes the Strategy and links FAO’s biodiversity mainstreaming activities with the FAO Strategic Framework 2022–31, the Medium Term-Plan 2022–25 and the PWB 2022–2023. It reflects many activities relevant to the implementation of the Commission’s mandate in the context of FAO broad portfolio of biodiversity mainstreaming activities.

17. The Action Plan 2024–2027 was developed by FAO through consultations with the Committee on Agriculture, the Committee on Fisheries, the Committee on Forestry and the Commission on Genetic Resources for Food and Agriculture.¹⁷ The revised version of the Action Plan was shared with FAO Members for their written feedback in December 2023 and January 2024, before its finalization and publication.

18. The Action Plan 2024–2027 complements and is fully in line with other FAO Strategies and Policies, including the FAO Strategy on Climate Change 2022–2031¹⁸ and the FAO Science and Innovation Strategy.¹⁹ It contributes to the *four betters* through advancement of several Programme Priority Areas.

¹⁴ FAO. 2021. *Strategic Framework 2022–31*. Rome.

<https://openknowledge.fao.org/handle/20.500.14283/cb7099en>

¹⁵ CL 168/3 Annex 1.

¹⁶ FAO. 2022. *Framework for Action on Biodiversity for Food and Agriculture*. FAO Commission on Genetic Resources for Food and Agriculture. Rome. <https://doi.org/10.4060/cb8338en>

¹⁷ C 2023/22; NFI/R1391; COFO/2022/REP; CGRFA-19/23/Report.

¹⁸ FAO. 2022. *FAO Strategy on Climate Change 2022–2031*. Rome/
<https://openknowledge.fao.org/handle/20.500.14283/cc2274en>

¹⁹ FAO. 2022. *FAO Science and Innovation Strategy*. <https://www.fao.org/3/cc2273en/cc2273en.pdf>

ANNEX:

**FINAL REPORTING ON THE IMPLEMENTATION OF THE 2021–2023 ACTION PLAN FOR THE IMPLEMENTATION OF THE
FAO STRATEGY ON MAINSTREAMING BIODIVERSITY ACROSS AGRICULTURAL SECTORS**

Outcome 1: Support provided to Members, at their request, to enhance their capacity to mainstream biodiversity							
Core action areas	FAO core functions #	Key actions	Deliverables ²⁰	Planned delivery dates	References to decisions ²¹	Status ²²	Notes
Support countries in the development and implementation of normative and standard-setting instruments related to biodiversity	1	Support countries in the implementation of the Post 2020 Global Biodiversity Framework	Analysis of Global Biodiversity Framework with a view to identifying actions to be taken by FAO in support of country implementation	2023	C 2021/21 (para 73); COFO/2020/REP (para 10.a, 17.d); ITPGRFA Res.11/2019 (para 3); CGRFA/17/19/Report (para 45)	Completed	CGRFA-19/23/6.1 CGRFA-19/23/Report IT/GB-10/23/7 ITPGRFA Res. 1/2023
		Support Members of the Commission on Genetic Resources for Food and Agriculture (CGRFA) in developing and implementing global plans of action	A policy response to the report on <i>The State of the World's Biodiversity for Food and Agriculture</i> and a Global Plan of Action for Aquatic Genetic Resources for Food and Agriculture adopted, technical support for implementation and monitoring provided	2023	CGRFA/17/19/Report (para 44 –47)	Completed	https://doi.org/10.4060/cb8338en https://doi.org/10.4060/cb9905en CGRFA-19/23/11.2.2 www.fao.org/fishery/aquagris/home
			Countries supported in the implementation of agreed global plans of action on animal, plant and forest genetic resources	Ongoing	CGRFA/17/19/Report; COFO/2018/REP (para 14.d.ii)	Completed	CGRFA-19/23/8.3 CGRFA-19/23/10.2 CGRFA-18/21/12.2
			Countries supported to enhance awareness of and strengthen legal frameworks that enable and sustain production systems that support and benefit from associated biodiversity	2023	Agreed during Members consultation on the Action Plan and in line with FAO Strategy on Mainstreaming Biodiversity	Completed	www.cbd.int/doc/decisions/cop-15/cop-15-dec-28-en.pdf CGRFA-19/23/7.3
			Support countries in the reduction of adverse impacts	Workshop curriculum of Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous	2021	Across Agricultural Sectors	Completed

²⁰ Deliverables agreed in project documents are marked with *.

²¹ For some country projects, no Governing or Statutory Body decisions are noted.

²² Status is reported for the implementation period of this Action Plan, 2021-23. Many actions and deliverables are ongoing and will continue to be delivered beyond 2023.

	of misuse of hazardous pesticides on biodiversity	Chemicals and Pesticides in International Trade expanded by at least one session on alternatives to hazardous pesticides and one session on impact of pesticides on biodiversity and ecosystem services				
		Global Action Plan on eliminating risks of highly hazardous pesticides considered	2021	ICCM4 resolutions	Completed	SAICM/ICCM.5/INF/16 (Annex 1)
	Facilitate policy dialogue at country or regional levels for the ratification and implementation of FAO biodiversity-related conventions, e.g. the International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA), the International Plant Protection Convention (IPPC)	National/regional consultations to promote ratification and implementation conducted	2023	Instrument's websites	Completed	www.ippc.int/en www.fao.org/plant-treaty/en
	Countries engage in the development, adoption and implementation of International Standards for Phytosanitary Measures (ISPMs) and Commission on Phytosanitary Measures (CPM) recommendations.	The IPPC Strategic Framework (2020-2030), adopted by the Commission on Phytosanitary Measures has several development agenda items that will be implemented over the next 10 years including the management of E-commerce (traded IAS), Strengthening Pest Outbreak Alert and Response Systems and Assessment and Management of Climate Change Impacts on Plant Health	Ongoing	International Plant Protection Convention text (1997), Article X; CPM 2018/28	Completed	www.ippc.int/en/core-activities/standards-and-implementation/call-for-topics-standards-and-implementation/
		Countries participate in the standard-setting process to ensure adopted standards help protect the biodiversity of plants, improve plant health and enhance food security.	Ongoing		Completed	www.ippc.int/en/core-activities/standards-setting/
	Support countries and regional mechanisms in the Biodiversity Beyond National Jurisdiction (BBNJ) Process	Reported to Committee on Fisheries (COFI) 35 main elements of the negotiation that pertain to the fisheries sector	2023	C 2021/23 (para 15.e)	Completed	https://doi.org/10.4060/cc1345en
	Support countries in conducting and updating risk assessments for emerging infectious diseases, including	Countries supported in risk assessment of emerging infectious diseases at the wildlife-livestock-human interface using FAO and Tripartite tools ²³ (e.g. Joint Risk	Ongoing	COFO/2020/REP (para 17.c)	Completed	extranet.who.int/sph/jra www.fao.org/ethiopia/news/%20detail-events/ru/c/1396120/

²³ The FAO-WOAH-WHO Collaboration: a tripartite concept note (2010).

		consideration of risk/protective factors or drivers related to biodiversity	Assessment) and the consideration of results in regulative frameworks				https://doi.org/10.4060/cb7140en https://doi.org/10.4060/cb7141en www.fao.org/3/cb8932en/cb8932en.pdf www.fao.org/documents/card/en/c/cb1520en/ www.fao.org/documents/card/en/c/cb3368en www.fao.org/3/cc4720en/cc4720en.pdf https://doi.org/10.1016/j.onehlt.2023.100543 https://doi.org/10.4060/cc8173en https://doi.org/10.4060/cc4720en https://www.fao.org/3/cc0204en/cc0204en.pdf https://doi.org/10.4060/cb8748en
		Support countries to strengthen legal frameworks that enable sustainable wildlife management (SWM) for food security and poverty alleviation, and avoid illegal activities taking into account, as appropriate, the Convention on Biological Diversity (CBD) Decision on sustainable wildlife management (CBD/COP/DEC/14/7)	Assessment of and support to improve national legal framework compliance to wildlife-related to national legal frameworks and international conventions and instruments in SWM Programme pilot countries (minimum 14 countries*)	2023	CBD/COP/DEC/14/z ; COFO/2020/REP (para 10b.iii); AFWC/2020/REP	Completed	https://swm-programme.info/web/guest/legal-hub
			Cross-countries analytic report providing recommendations to the CBD on normative frameworks and standards to be developed/strengthened to enable sustainable wildlife management, to be circulated for approval by the Parties	2023	CBD/COP/DEC/14/7	Completed	The recommendations on strengthening national normative frameworks of SWM Programme pilot countries are ready to be transmitted to the CBD after being approved by the countries.
		Support to countries to strengthen legal frameworks that enable sustainable forest management and timber production for poverty alleviation, taking into account, as appropriate, the objectives of the CITES Convention, national commitments to Forest Law Enforcement, Governance and Trade (FLEGT), and international timber trade requirements	Support provided to strengthen implementation of national legal frameworks and related instruments for timber production in line with national commitments for legal timber production and trade (minimum 15 countries*)	2023	COFO/24/REP (para 22.b)	Completed	https://www.fao.org/in-action/forest-governance-value-chains/en/ http://www.fao.org/3/cc7476fr/cc7476fr.pdf https://www.fao.org/3/cc7992en/cc7992en.pdf https://www.fao.org/3/cc8658en/cc8658en.pdf https://www.fao.org/3/cc7877fr/cc7877fr.pdf https://www.fao.org/3/cc9004en/cc9004en.pdf https://www.fao.org/documents/card/fr/c/cc6095fr https://www.fao.org/3/cc2785fr/cc2785fr.pdf https://www.fao.org/redd/information-resources/webinars/right-to-carbon/en/

Support countries to collect, analyse and use biodiversity-related information in decision-making	2	Collect, analyse and disseminate data and information to monitor status of biodiversity at all levels, including gender-disaggregated data, as appropriate.	FISHSTAT regularly updated	Ongoing	Agreed during membership consultations	Completed	www.fao.org/fishery/en/topic/166235 www.fao.org/fishery/statistics-query/en/home https://openknowledge.fao.org/handle/20.500.14283/ca7131en
			Global remote sensing survey of forests report published	2021	COFO/2016/REP (para 17.a)	Completed	https://doi.org/10.4060/cb9970en
			Data on microbial diversity continuously captured and monitored as disease information via EMPRES-i	Ongoing	Agreed during membership consultations	Completed	https://empres-i.apps.fao.org www.fao.org/animal-health/areas-of-work/early-warning-and-disease-intelligence/en
			Biannual global fisheries and aquaculture status report (SOFIA) developed prior to COFI 35	2022	C 2021/23 (para 9)	Completed	https://doi.org/10.4060/cc0461en
			Mobile tool to support the collection of relevant catch and trade data for fish launched	2023	Agreed during membership consultations	Completed	https://www.fao.org/fishery/en/topic/18041
			Supported and built capacity in collection data, modelling and monitoring rangeland status especially in the arid zone countries	2023	C 2021/21 (para 102); CL 165/Rep (para 19.a)	Completed	https://doi.org/10.4060/cb6131en https://doi.org/10.4060/cb9402en https://doi.org/10.4060/cc0841en
			Global abandoned, lost or discarded fishing gear (ALDFG) database to address ALDFG and associated ghost fishing launched and data collection started	2023	C 2021/23 (Para 16.f.g)	Completed	https://fgla.fao.org
			FAO Technical Guidelines on Methodologies and Indicators for the Estimation of the Magnitude and Impact of Illegal, Unreported and Unregulated (IUU) fishing published	2023	C 2021/23 (para 14.j)	Completed	https://doi.org/10.4060/cc6434en https://doi.org/10.4060/cc9076en https://doi.org/10.4060/cc9054en
			UN-REDD Annual Report update on environmental Safeguard's Information Systems (SIS)	2023	COFO/25/REP (para 10. b ii)	Completed	https://www.un-redd.org/post/redd-activities-panama-scaling-finance-social-and-environmental-integrity-forests-and-climate
			Support Members with tools and methodologies for generating better evidence of the contribution of forests to the sustainable use and conservation of biodiversity			Tools and methodologies for reporting on primary and native forests and addressing existing data gaps made available	2022
Data and associated knowledge products of the SWM Programme on wild meat supply chains and consumption	2023	Agreed during membership consultations				Completed	www.fao.org/3/cb9082en/cb9082en.pdf www.fao.org/3/cb9765fr/cb9765fr.pdf https://doi.org/10.4060/cc0031en www.fao.org/3/cc2623fr/cc2623fr.pdf

							www.wildmeat.org/ www.wildmeat.org/toolkit/indicators
		Assist countries to meet their national reporting obligations specified in the IPPC.	Information published on the IPPC website on national reporting on adherence to the IPPC national obligations, including providing information on plant pests and outbreaks, to facilitate information exchange and early response to emerging phytosanitary issues	Ongoing	International Plant Protection Convention text (1997), article XIII	Completed	www.ippc.int/en/core-activities/information-exchange/nro/
		Support countries in capacity development on data collection for Sustainable Development Goals the monitoring of SDG indicators, in particular of	Dissemination of FAOSTAT land cover change statistics for all countries	2021	Resolution A/res/71/313	Completed	www.fao.org/3/cb8133en/cb8133en.pdf
	Updated SDG websites		Ongoing	Resolution A/res/71/313	Completed	https://www.fao.org/sustainable-development-goals-helpdesk/en	
	Data collection and analysis for SDG 2.4.1, with a report indicating country response rates and detail of response to biodiversity sub-indicator		2023	Resolution A/res/71/313	Completed	https://doi.org/10.4060/cc7088en https://www.fao.org/sustainable-development-goals-data-portal/data/indicators/Indicator2.4.1-proportion-of-agricultural-area-under-productive-and-sustainable-agriculture/en https://unstats.un.org/sdgs/dataportal https://dataexplorer.fao.org/	

		biodiversity-related SDG indicators ²⁴					
		Development of a monitoring system for the diversity of domesticated honeybees	Monitoring system for the diversity of managed honey bees for food and agriculture established in the Domestic Animal Diversity Information System (DAD-IS)	2021	CGRFA-17/19/Report (para 92)	Completed	www.fao.org/dad-is/bees-data-sheet/en/
		Strengthen national capacities for improved data integration, analysis and visualization related to biodiversity	Biodiversity integrated into geospatial and bio-physical data dimensions and planning documents for the Hand-in-Hand Initiative	2023	CL 166/9 (para 12)	Completed	www.fao.org/hih-geospatial-platform/en
		Specific data requests related to biodiversity in the data collection related to pesticides carried out under the Rotterdam Convention	All parties carrying out projects on severely hazardous pesticide formulations (SHPF) fill data related to the impact on the environment into the SHPF questionnaire ²⁵	2021	Agreed during membership consultations	Completed	Rotterdam Convention Webinars Library
		Support ecosystem accounting on a voluntary basis ²⁶	At least two countries* implement projects on the implementation of the System of Environmental-Economic Accounting for Agriculture, Forestry and Fisheries (SEEA AFF) biodiversity-relevant accounts (crop and livestock production; land use and land cover)	2023	E/CN.3/2021/L.3, cl 165; Decision 8	Cancelled	Activities cancelled.
		Provide training and capacity building for countries in collecting, assessing and reporting data on their plant, animal, forest and aquatic genetic resources and in documenting efforts made to conserve and sustainably use and develop these genetic resources, including to enable the monitoring of SDG indicators 2.5 and 15.6	Practical Guides to the Genebank Standards for Plant Genetic Resources for Food and Agriculture developed under the CGRFA	2021	CGRFA-17/19/Report (para 65)	Completed	https://doi.org/10.4060/cc3716en https://doi.org/10.4060/cc0021en https://doi.org/10.4060/cc0023en
			Genetic resources databases regularly updated (DAD-IS) and World Information and Early Warning System on Plant Genetic Resources for Food and Agriculture (WIEWS), in coordination with other relevant databases	ongoing	CGRFA-17/19/Report	Completed	www.fao.org/3/cc3706en/cc3706en.pdf www.fao.org/3/nl673en/nl673en.pdf www.fao.org/dad-is/data/en/ www.fao.org/wiews/en/
			Monitoring reports on the status of national implementation of Global Plans	2021		Completed	www.fao.org/3/ng621en/ng621en.pdf www.fao.org/3/ng681en/ng681en.pdf

²⁴ Sustainable Development Goals 2.4.1, 2.5.1, 2.5.2, 12.3.1, 14.4.1, 14.6.1, 14.7.1, 14.b.1, 14.c.1, 15.1.1, 15.2.1, 15.3.1, 15.4.2, 15.6.1.

²⁵ Severely Hazardous Pesticide Formulations (SHPFs) are chemicals formulated for pesticidal use that are known to produce severe health or environmental effects observable within a short period of time after single or multiple exposure, under conditions of use. Under Article 6 of the Rotterdam Convention, any Party that is a developing country or country with an economy in transition that is experiencing problems caused by an SHPF, either due to human health or environmental problems in its territory may make a proposal to the Secretariat for the inclusion of the formulation in Annex III. In addition to the required information specified in Part 1 of Annex IV of the Convention, additional information such as soil and water contamination, bird and mammal poisoning or pollinator poisoning having a clear adverse impact on biodiversity could be collected and be submitted to the Secretariat by the DNA of that country.

²⁶ The United Nations Statistical Commission adopted SEEA Ecosystem Accounting at its 52nd session in March 2021

		and including gender-disaggregated data	of Action for plant and animal genetic resources provided to the 18 th Regular Session of the CGRFA				
			New global information systems on forest genetic resources developed	2023	CGRFA-17/19/Report (para 79)	Completed	CGRFA-19/23/Report (para. 68) CGRFA-19/23/8.3 (paras 6-10) A test version has been presented to CGRFA National Focal Points.
			Countries supported in building capacity and support methods of collection of data and monitoring the associated biodiversity on microbial level including bacteria and fungi	2023	Agreed during membership consultations	Completed	https://doi.org/10.4060/cb7876en https://doi.org/10.4060/cc0717en www.fao.org/global-soil-partnership/areas-of-work/capacity-development/en/ CGRFA-19/23/9.1/Inf.1 CGRFA-19/23/9.2/Inf.1 https://www.fao.org/global-soil-partnership/glosolan-old/soil-analysis/standard-operating-procedures/en/ https://www.fao.org/global-soil-partnership/netsob/en/
			Monitoring report on the status of national implementation of the Global Plan of Action on forest genetic resources presented to the 19 th Regular Session on the CGRFA	2023	CGRFA-17/19/Report (para 78)	Completed	CGRFA-19/23/8.3/Inf.1
			Global information system for farmed types of aquatic genetic resources developed and used for country reporting	2023	CGRFA-17/19/Report	Completed	https://www.fao.org/fishery/aquagris/home
			Global Information System on Plant Genetic Resources for Food and Agriculture (GLIS) under Article 17 of the ITPGRFA updated, in sync with WIEWS and other relevant databases	2023	ITPGRFA Resolution 4/2019 and Resolution 11/2019 (para. 3); CGRFA-17/19/Report (para 66)	Completed	https://glis.fao.org/glis/
Support capacity development in biodiversity mainstreaming	4	Support countries to develop capacities for developing coherent policy and legal frameworks that integrate biodiversity within and across sectors	Legal frameworks on fertilizers included in SoILEX	2021	FAO Voluntary Guidelines for Sustainable Soil Management	Completed	https://www.fao.org/soils-portal/soilex/en/
			Practical Guide on Legislating for the Ecosystem Approach to Fisheries published and two regional workshops held in Africa to support implementation of the Practical Guide	2021	Agreed during membership consultations	Completed	https://doi.org/10.4060/cb2945en www.fao.org/legal-services/news/news-detail/en/c/1412921/ www.fao.org/3/cb6750en/cb6750en.pdf elearning.fao.org/course/view.php?id=753h www.fao.org/legal-services/news/news-detail/en/c/1412930/h

							www.fao.org/legal-services/news/news-detail/en/c/1412926/h www.fao.org/3/cb8234en/cb8234en.pdf www.fao.org/legal-services/news/news-detail/en/c/1412924/ www.fao.org/legal-services/news/news-detail/en/c/1419124/ www.fao.org/legal-services/news/news-detail/en/c/1457369/ https://doi.org/10.4060/cb1906en
		Support Members in the development and implementation of national plans of action to combat IUU fishing	ongoing	C 2021/23 (para 11.j)	Completed	https://www.fao.org/iuu-fishing/background/what-is-iuu-fishing/en/ https://www.fao.org/port-state-measures/en/	
		Assisted countries in building capacity in evaluation of ecosystem services including production systems and associated biodiversity	2023	Agreed during membership consultations	Completed	https://abc-map.org https://www.swm-programme.info/en/legal-hub	
		Following COFI request, promoted discussion among COFI members on draft voluntary guidelines for the regulation, monitoring and control of transshipment	2023	C 2021/23 (para 14.h)	Completed	https://doi.org/10.4060/cc5602t	
		Supported Members, upon request, in adapting their policies to take into account the International Code of Conduct for the Sustainable Use and management of Fertilizers	2023	C 2019/REP (para 49.b)	Completed	https://www.fao.org/plant-production-protection/news-and-events/news/news-detail/nsp-nsl-joint-seminar-on-innovative-technologies-of-salt-affected-soils-restoration-and-crop-nutrition-for-food-security-organized-in-hybrid-modality/en	
	Capacity of countries developed to identify potential other effective area-based conservation measures (OECMs) in agricultural sectors, including fisheries and forestry	Following COFI request, produced and disseminated practical guidelines to support Members in the identification and implementation of other effective area-based conservation measures	2023	C 2021/23 (para 17.d,e)	Completed	https://doi.org/10.4060/cc3307en	
	Support countries in developing capacity for adopting strategies and legal frameworks to protect and value local biodiversity	Legal framework to protect and value local biodiversity implemented in at least four countries* (Mozambique, Niger, Peru and Senegal)	2021	Agreed during membership consultations	Completed	www.fao.org/geographical-indications/projects/supporting-gis/en www.anp.ne/article/4-produits-nigeriens-dont-klichi-niger-et-tchoukou-niger-labellises https://profonanpe.org.pe/proyectos/gestion-sostenible-de-la-agrobiodiversidad-y-recuperacion-de-	

							ecosistemas-vulnerables-en-la-region-andina-sipam
			For SWM Programme pilot countries (minimum 14 countries*): Compilation of relevant legislation and national legal profiles analysing strengths, gaps and weaknesses related to normative frameworks enabling sustainable wildlife management (incl. consumptive and non-consumptive use of wildlife, animal production and health, food safety) available online	2023	AFWC/2020/REP	Completed	https://swm-programme.info/web/guest/legal-hub Note: Completed for 13 out of 14 countries
			For FLEGT Programme countries (minimum 15*): review legal frameworks related to timber production and trade to identify strengths, gaps and weaknesses related to normative frameworks enabling sustainable forest management	2023	COFO/24/REP (para 22.b)	Completed	https://www.fao.org/faolex/timberlex/
		Support Members in developing capacity for mobilizing resources for biodiversity mainstreaming and investments in sustainable agriculture approaches that better contribute to sustainable use and conservation of biodiversity, including efforts to secure funding from the Global Environment Facility (GEF)	Upon country request, include biodiversity mainstreaming in Technical Cooperation Programmes (TCPs), Government Cooperative Programme (GCPs), GEF, Green Climate Fund (GCF) and other bi- and multilateral projects, in line with the FAO and UN country programming frameworks	2023	Agreed during membership consultations	Completed	www.fao.org/gef/GEF8/en www.fao.org/fsnforum/consultation/food-system-integrated-program-transformation
			At least 2 programmatic areas of work on biodiversity mainstreaming elaborated, drawing upon FAO's comparative advantages and aligning to GEF's biodiversity focal area priorities for countries to choose from and customize	2023		Completed	
		Assist Members to develop capacities for integrating a biodiversity perspective, including related gender strategies, Indigenous Peoples and local communities (IPLCs) and Traditional knowledge, in relevant planning instruments, including FAO Country Programming Frameworks and regional initiatives, national plans for agricultural sectors, and	Upon country request, support the development of Livestock Master Plans that optimize the contribution of the livestock sector to economic growth, poverty reduction, gender equality, food security and nutrition, while managing the reduction of greenhouse gas emissions, adaptation to climate change and the conservation of biodiversity	2023		Delayed	The Livestock Sector Investment and Policy Toolkit (LSIPT) web-based platform – which can be used to develop a Livestock Master Plan – is expected to be launched publicly in 2024.
			Countries assisted in the promotion of the cultivation of species collected from the wild and encourage breeding toward domestication of new crops, as appropriate	2023		ITPGRFA Resolution 11/2019 (para 9-15); Resolution 4/2019 (para 6); GPA-PGR;	Completed

		national plans for food security and nutrition					
	Assist Members, at their request, in improving capacity for developing, adapting and implementing access and benefit-sharing (ABS) measures to take into account the importance of genetic resources for food and agriculture, their special role for food security and their distinctive features	Survey of national ABS measures aimed to accommodate the distinctive features of GRFA completed and follow-up recommendations considered by the CGRFA	2023	CGRFA-17/19/Report (para 19.ii)	Completed	https://doi.org/10.4060/cb6525en www.fao.org/3/nh331en/nh331en.pdf	
		Crop wild relatives considered under the International Treaty	2023	ITPGRFA Resolution 11/2019 (paras. 9-15); Resolution 4/2019 (para. 6); Resolution 2/2019 (para. 5); Resolution 7/2019 (para. 5-6)	Completed	IT/GB-9/22/11 (para 29-34)	
	Support countries in building capacity for monitoring of sustainable biodiversity management including ecosystem approaches	Tool to monitor the implementation of Sustainable Soil Management	2021	GSPPA-VIII/20/Report, 8.2	Completed	www.fao.org/fileadmin/user_upload/GSP/SSM/SSM_Protocol_EN_006.pdf	
		Tool and User Guide to monitor implementation of the Ecosystem Approach to Fisheries	2022	Agreed during membership consultations	Completed	https://doi.org/10.4060/cb8268en www.fao.org/3/cb2229es/cb2229es.pdf	
		Environmental flows tools and indicators for supporting freshwater biodiversity	2022	Agreed during membership consultations	Completed	https://openknowledge.fao.org/handle/20.500.14283/ca3097en https://data.apps.fao.org/aquamaps/ https://ocw.un-ih.org/course/view.php?id=233	
		Regional workshops on management of ALDFG and solid pollution especially plastic litter	2022	C 2021/23 (para 16)	Completed	https://www.fao.org/responsible-fishing/news-events/news/news-details/en/c/1605716/ https://www.fao.org/responsible-fishing/news-events/news/news-details/en/c/1621969/	
		Provision of capacity development at regional and national levels on the Voluntary Guidelines on the Marking of Fishing Gear	2023	C 2021/23 (para 16 g)	Completed	https://openknowledge.fao.org/handle/20.500.14283/ca3546t https://doi.org/10.4060/cc4084en https://doi.org/10.4060/cc4251en https://doi.org/10.4060/cc2884en https://doi.org/10.4060/cc2889en	
		Technical reports showcasing examples of the application of the FAO Livestock Environmental Assessment and Performance (LEAP) guidelines on biodiversity assessments; and Technical Report reviewing biodiversity management indicators in Brazil	2021	C 2021/21 (para 13-14)	Completed	www.fao.org/partnerships/leap/applications/en	

			Execution of the implementation plan of the International Code of Conduct for the Sustainable Use and Management of Fertilizers	2022	C 2019/REP (para 49.b)	Completed	www.fao.org/fileadmin/user_upload/GSP/tenth_PA/GSPPA_X_2022_5.pdf www.youtube.com/watch?v=MILrme8hYQQ
			Database on national laboratories that perform fertilizer quality assessments	2021	Agreed during membership consultations	Completed	www.fao.org/global-soil-partnership/infa/en/ www.fao.org/global-soil-partnership/infa/second-meeting-of-the-international-network-on-fertilizers-analysis-infa/en
			Guidelines and tools to monitor sustainable hunting management based on field testing in SWM Programme pilot countries	2023		Completed	www.wildmeat.org/toolkit/indicators/
		Support countries in the operationalization of the 10 Elements of Agroecology framework and other sustainable innovative approaches to facilitate the mainstreaming of biodiversity across agricultural sectors	Practical Guide on the operationalization of the 10 Elements of Agroecology published and two regional workshops held in Africa to support implementation of the Practical Guide	2022	CL 163/REP (para 10.h, 15.c); C 2019/21 Rev.1 (para 13); C 2019/REP (Resolution 7/2019 and para 15)	Completed	https://doi.org/10.4060/cc4049en https://www.fao.org/family-farming/detail/en/c/1624231/ https://www.fao.org/agroecology/database/detail/en/c/1639505/
		Support countries in building their phytosanitary systems which protect both cultivated and wild flora	Phytosanitary Capacity Evaluations conducted which help identify strengths and challenges in national phytosanitary systems	ongoing	IPPC National Phytosanitary Capacity Development Strategy (2010, revised 2012)	Completed	www.ippc.int/en/core-activities/capacity-development/phytosanitary-capacity-evaluation
			National Phytosanitary Capacity Development Strategies developed, which will help protect the biodiversity of plants, improve plant health and enhance food security	ongoing		Completed	www.ippc.int/en/core-activities/capacity-development/
			Training materials are produced that support the implementation of the IPPC, ISPMs and CPM recommendations which help build more robust national phytosanitary systems and training is delivered via annual regional workshops, e-learning and through the use of other training materials such as infographics, videos and e-learning.	ongoing		Completed	www.ippc.int/en/about/core-activities/capacity-development/guides-and-training-materials/
Improve the sharing and uptake of knowledge, technologies and	5	Support countries in building capacity for good practices with regard to invasive species monitoring,	Regional workshop on development of contingency plans for forest invasive species outbreaks in forests in Europe and Central Asia	2021	EFC/2019/14 Rev.1 (para 4-5)	Completed	www.reufis.org/download/webinar-contingency-plans-and-early-warning-systems-how-can-they-help-protect-forests

good practices by countries to mainstream biodiversity	prevention, management and eradication	Regional assessment on impact of climate change on forest invasive species for Asia Pacific region through the regional Forest Invasive Species Network	2021	APFC/2019/REP (para 20)	Completed	https://unfao.sharepoint.com/:b/s/NFO/ETANNN3wwpJBhwEDyJzF9VoBgLyktF_A-onJ6vrfdpjS7Q?e=j7tXOXwww.apfins.net
		Regional study on the Early Warning Early Action (EWEA) systems for the forest invasive (insect pests, invasive plants, pathogens) species outbreak prevention and mitigation in the region elaborated and disseminated	2021	NEFRC/2017/REP	Completed	https://www.fao.org/forestry-fao/pests/94102/en/ https://unfao.sharepoint.com/:w/s/NFO/EbS3RWkoCxdKodtMq26MswMBVIwzoqBOAmGGRAa_HZjfTw?e=rVvyd
		Review of Guide to implementation of phytosanitary standards in forestry	2022	Agreed during membership consultations	Delayed	Expected to be published in 2024.
		Work with CITES on trade in invasive species	Ongoing	C 2021/23 (para 11.a,l, 15.d,f); FAO-CITES MOU 2006	Completed	
		Support countries to implement digital exchange of phytosanitary certificates (the IPPC ePhyto Solution) and container cleaning and contaminating pests recommendations promulgated by the Commission on Phytosanitary Measures	Ongoing	ISPM 12; CPM R-06 (2017)	Completed	www.ippc.int/en/ephyto
		Assist countries to have mechanisms in place to control the spread of environmental contaminating pests on non-plant trade pathways	2023	Agreed during membership consultations	Completed	www.ippc.int/en/about/core-activities/capacity-development/
		Countries supported in the reduction of the adverse impacts of hazardous effect of alien invasive species, especially in fragile habitats	2023		Completed	www.ippc.int/en/about/core-activities/capacity-development/
		Countries become aware of how to use the IPPC, ISPMs and CPM Recommendations to engage with their National Plant Protection Organizations (NPPO) to access national phytosanitary systems that can be used to protect their plant life from IAS (e.g. risk analysis, surveillance systems, eradication procedures, border controls, etc.).	Ongoing	IPPC National Phytosanitary Capacity Development Strategy (2010, revised 2012)	Completed	www.ippc.int/en/core-activities/capacity-development
		Phytosanitary Capacity Evaluations result in the development of National Phytosanitary Capacity Development Strategies which will include a component on how to address risks related to IAS that are harmful to plants.	Ongoing		Completed	www.ippc.int/en/core-activities/capacity-development

			FAO-Ecosystem Health Alliance study on drivers of zoonotic disease emergence from wildlife	2021	COFO/2020/REP (para 17.c, 22.c)	Completed	https://doi.org/10.4060/cc2752en
		Support countries in building capacity on mainstreaming biodiversity under the One Health approach	Countries supported in implementing the FAO Action Plan on Antimicrobial Resistance (AMR) 2021-2025	Ongoing	C 2021/21 (para 23-27)	Completed	https://doi.org/10.4060/cb5545en https://www.fao.org/antimicrobial-resistance/resources/tools/fao-pmp-amr/es/ https://doi.org/10.4060/cb6918en
			Countries trained, where relevant, to include wildlife surveillance and other biodiversity aspects into One Health platforms and efforts	2023	COFO/2020/REP (para 17.c); C 2021/21 (para 74)	Completed	https://doi.org/10.4060/cc2289en https://www.fao.org/3/cc6936en/cc6936en.pdf
			Strengthen the promotion of sustainable management of wildlife, including the One Health approach to better prevent zoonotic disease risk (SWM Programme)	2022	COFO/2020/REP (para 17.c)	Completed	https://doi.org/10.4060/cb1503en
			Support the sustainable use and management of fertilizers	Report on soil management for sustainable agriculture that promotes nutrition	2023	FAO Voluntary Guidelines for Sustainable Soil Management	Completed
		Support and strengthen the sharing and uptake of knowledge, technologies and good practices on management of pollinators	Support the national and regional implementation of the relevant elements of the International Pollinators Initiative 2.0 and the relevant Program of Work of the Commission on Genetic Resources for Food and Agriculture	2023	CBD/COP/DEC/14/6 ; CGRFA/17/19/Report (Appendix E)	Completed	https://www.cbd.int/doc/c/0358/0ae6/3a765da7c65613ea811f2816/cop-15-inf-24-en.pdf CGRFA-19/23/9.3.1 CGRFA-19/23/9.3.1/Inf.1 https://www.fao.org/world-bee-day/en
		Support the sustainable utilization of fisheries resources, including through an ecosystem approach to fisheries management	Tools and E-learning course to support the implementation of the Ecosystem Approach to Fisheries (EAF) launched	2023	C 2021/23 (para 9.g)	Completed	https://elearning.fao.org/course/view.php?id=933
			Technical Guidelines to Prevent and Reduce Bycatch of Marine Mammals in Fisheries adopted	2021	C 2021/23 (para 17.g)	Completed	https://doi.org/10.4060/cb2887en www.thegef.org/projects-operations/projects/10857 www.fao.org/responsible-fishing/bycatch-and-discards/rebyc-programme/en/
			Species guide on mesopelagic fishes of the Atlantic Ocean published	2021	C 2021/23 (Para 9.c)	Completed	www.fao.org/documents/card/en/c/cb0365en www.fao.org/documents/card/en/c/cb8584en
			Best practices in bycatch reduction in tropical shrimp-trawl fisheries adopted	2021	Agreed during membership consultations	Completed	www.fao.org/publications/card/en/c/CB6635EN

			Two fishing gear modifications to reduce ghost fishing adopted by at least two developing countries	2021		Completed	www.imo.org/en/OurWork/PartnershipsProjects/Pages/GloLitter-PartnershipsProject.aspx www.fao.org/newsroom/detail/Global-initiative-tackles-marine-litter-to-clean-up-the-world-s-oceans/en
			An expert workshop on lessons learned and good practices for EAF-compatible fisheries management conducted and report synthesizing the outcomes produced	2022	C 2021/23 (Para 9.g)	Completed	https://doi.org/10.4060/ca9348en
	Build capacity related to Multilateral Environment Agreements in Africa, Caribbean and the Pacific countries		Third Phase of the EU-ACP MEAs Programme implemented in African, Caribbean and Pacific countries: <ul style="list-style-type: none"> • Support provided for integration of measures for the sustainable use and conservation of biodiversity for food and agriculture into national policy frameworks, strategies and action plans • Support provided to the mainstreaming and institutionalization of biodiversity in national agricultural extension programmes • Training programmes to enable agricultural producers to adopt ecosystem-based practices and promote shift towards sustainable production 	2023	Agreed during membership consultations	Completed	https://www.fao.org/in-action/building-capacity-environmental-agreements/en/
			Third Phase of the UN-REDD Programme launched and implemented in Africa, Asia-Pacific and Latin America regions	2021	COFO/25/REP (para 10.b ii)	Completed	www.un-redd.org/document-library/un-redd-2022-2025-plan-and-2022-workplan-and-budget-final-28sept2021
	Continue to demonstrate that solutions that balance conservation and sustainable use of forest biodiversity, such as sustainable forest management, restoration and agroforestry, are possible, through sharing best practices, in line with national capacities, priorities and contexts; and that agriculture and forestry can		Practical orientations on multiple use forest management planning	2022	COFO/2020/REP (para 10b.iv)	Completed	https://doi.org/10.4060/cc6780en
			Innovations in the management of fast-growing trees: new practices in forest restoration and reforestation for peoples' livelihoods and the environment	2021	COFO/2020/REP (para 10b.iv; 38.e)	Completed	https://www.fao.org/ipc/en/
			Issue brief on agroforestry as a possible solution for more sustainable food systems	2022	COFO/2020/REP (para 10b.x; 17 e)	Completed	
			Compilation of case studies on human-wildlife conflict management	2022	COFO/2020/REP (para 10b.iv); AFWC/2020/REP	Completed	www.fao.org/3/cb8759en/cb8759en.pdf www.fao.org/3/cb8760en/cb8760en.pdf www.fao.org/3/cb8761en/cb8761en.pdf

		synergistically support sustainable development					www.fao.org/3/cc1152en/cc1152en.pdf www.fao.org/3/cc1155en/cc1155en.pdf www.fao.org/3/cc1156en/cc1156en.pdf www.fao.org/3/cc4287en/cc4287en.pdf
		Support the implementation of sustainable forest management practices and improve the conservation and sustainable use of wildlife	Support the implementation of sustainable forest management practices in at least 30 countries	2023	COFO/2020/REP (para 33.b)	Completed	https://www.fao.org/forestry-fao/sfm/85083/en/ https://www.fao.org/sustainable-forest-management/toolbox/en/
			Support improved national forest governance mechanisms in line with commitments to legal timber production and trade (min. 15 countries*)	2023	COFO/2020/REP (para 33.b)	Completed	https://www.fao.org/in-action/forest-governance-value-chains/en/ https://www.un-redd.org/lower-mekong-region-focus-areas
			FAO-Center for International Forestry Research (CIFOR) Review on mainstreaming biodiversity in the forest sector	2022	COFO/2020/REP (para 17.b)	Completed	https://doi.org/10.4060/cc2229en
			Issue paper: what do we mean by community-based sustainable wildlife-management (SWM Programme)	2021	Agreed during membership consultations	Completed	www.fao.org/3/cb6486en/cb6486en.pdf www.fao.org/3/cb6486fr/cb6486fr.pdf
			Best practices for the diagnostic of wildlife management framework	2021	COFO/2020/REP (para 10b.iii); AFWC/2020/REP	Delayed	
			Analysis of the roles of women and men, in wild meat supply chains based, on SWM Programme study cases	2023	COFO/2020/REP (para 10b.v); AFWC/2020/REP	Completed	https://openknowledge.fao.org/handle/20.500.14283/cb7670en
			Data baseline across eight* SWM countries to feed global, regional and national databases	2021	COFO/2020/REP (para 10b.iii); AFWC/2020/REP	Completed	www.fao.org/3/cb9082en/cb9082en.pdf www.fao.org/3/cb9765fr/cb9765fr.pdf https://doi.org/10.4060/cc0031en www.fao.org/3/cc2623fr/cc2623fr.pdf https://www.wildmeat.org
Outcome 2: Biodiversity mainstreamed across FAO's policies, programmes and activities							
Facilitate policy dialogue on biodiversity mainstreaming	3	Facilitate discussions of biodiversity mainstreaming within FAO's Technical Committees, Regional Conferences, as well as in FAO statutory bodies	Meeting reports of Technical Committees, Regional Conferences, as well as in statutory bodies of FAO published	2023	Agreed during membership consultations	Completed	www.fao.org/3/nk728en/nk728en.pdf www.fao.org/3/nj925en/nj925en.pdf https://doi.org/10.4060/cc3652en www.fao.org/3/nh331en/nh331en.pdf www.fao.org/3/ni214en/ni214en.pdf www.fao.org/3/ni607en/ni607en.pdf https://www.fao.org/3/no194en/no194en.pdf
Improve the uptake of knowledge, technologies and	5	Establish a cross-divisional initiative to address the agricultural drivers of	An action plan in support of halting deforestation prepared by the Collaborative Partnership on Forests	2021	COFO/2020/REP (para 10 b.ii, 22.j. 23.e)	Completed	www.fao.org/3/cb5687en/cb5687en.pdf

good practices by FAO and partners		deforestation, land degradation, wetland losses and associated loss of biodiversity, as response to “Turning the tide on deforestation”, a UN system-wide effort requested by the Secretary-General and to be led by FAO and the UN Environment Programme (UNEP) in collaboration with the UN Development Programme (UNDP), UN Department of Economic and Social Affairs (DESA) and other relevant entities	A cross-divisional initiative established which promotes actions to transform food systems, as appropriate and dependent on national context, priorities and capacity to concurrently feed the planet and halt the loss of biodiversity and degradation of ecosystems	2022	COFO/2020/REP (para 10 b.x)	Completed	https://www.fao.org/redd/news/detail/en/c/1652576/ https://www.fao.org/redd/initiatives/for-ests-food-systems-coalition/en
Outcome 3: Role of biodiversity and its ecosystem services for food security and nutrition globally recognized							
Improve access to data and information on the role of biodiversity and its ecosystem services for food security and nutrition	2	Provide updates on the status and trends for the biodiversity-related indicators for which FAO is custodian or partner ²⁷	Annual FAO digital SDG Progress Report	2023	Resolution A/res/71/313	Completed	www.fao.org/3/cc1403en/online/cc1403en.html www.fao.org/3/cc7088en/online/cc7088en.html
		Prepare FAO reports with sections on links between biodiversity, and food security and nutrition	<i>State of the Forests 2022</i> launched prior to the Committee on Forestry (COFO)	2022	Agreed during membership consultations	Completed	https://doi.org/10.4060/cb9360en
			State of Fisheries and Aquaculture launched prior to COFI 35	2022	C 2021/23 (Para 9.c)	Completed	www.fao.org/publications/sofia/en
			Supported the promotion of information relevant to the nutritional value of wild edible species to strengthen their contribution to food security	2023	Agreed during membership consultations	Completed	https://doi.org/10.4060/cc7484en https://www.state.gov/wp-content/uploads/2023/10/Phase-1-report_draft_v6-Accessible-Updated-10.05.23.pdf https://doi.org/10.4060/cb6701en https://doi.org/10.4060/cc7337en
			<i>The State of the World's Land and Water Resources for Food and Agriculture</i> launched	2021			Completed
			Reports on the status of preparation of <i>The Third Report on The State of the World's Plant Genetic Resources for Food and Agriculture</i> and <i>The Second</i>	2023	CGRFA/17/19/Report	Completed	CGRFA-19/23/7.2 CGRFA-19/23/7.2/Inf.1 CGRFA-19/23/8.2 CGRFA-19/23/8.2/Inf.1

²⁷ SDG 2.4.1, 2.5.1, 2.5.2, 12.3.1, 14.4.1, 14.6.1, 14.7.1, 14.b.1, 14.c.1, 15.1.1, 15.2.1, 15.3.1, 15.4.2, 15.6.1.

			<i>Report on The State of the World's Forest Genetic Resources</i> presented to the 19 th Session of the CGRFA					
			Report on global assessment of biodiversity and the livestock sector based on the Global Livestock Environmental Assessment Model (GLEAM)	2021	C 2021/21 (para 13-14)	Delayed	Report expected to be published in 2024	
Facilitate, promote and support biodiversity-related policy dialogue at global, regional and country level	3	Convene global expert meetings, side events and high-level events related to biodiversity and its ecosystem services for food security, nutrition and health	Global Symposium on Soil Biodiversity	2021	GSPPA-VIII/20/Report, 6.4	Completed	https://openknowledge.fao.org/handle/20.500.14283/cb6005en	
			Symposium on <i>in situ</i> conservation and on-farm management of plant genetic resources	2021	CGRFA/17/19/Report (para 63)	Completed	https://doi.org/10.4060/cc3716en	
			Global Symposium on Salt Affected Soils	2021	GSPPA-VIII/20/Report, 6.5	Completed	www.fao.org/events/global-symposium-on-salt-affected-soils/en	
			Global Symposium on Soil Fertility	2022	Agreed during membership consultations	Completed	https://www.fao.org/events/detail/symposium-soils-for-nutrition/en	
			Multi-stakeholder Dialogue on the role of food and agriculture in the Global Biodiversity Framework	2021	CL 166/9 (para 17.h); C 2021/21 (para 73)	Completed	https://doi.org/10.4060/cb7030en https://openknowledge.fao.org/handle/20.500.14283/cb6844en	
			Regional and global information events on the International Code of Conduct for the Sustainable Use and Management of Fertilizers	2023	Agreed during membership consultations	Completed	www.fao.org/global-soil-partnership/resources/highlights/detail/en/c/1608617/	
			World Forestry Congress	2022	COFO/2020/REP (para 48)	Completed	www.fao.org/event/world-forestry-congress/en	
			FAO/ Network of Aquaculture Centres in Asia-Pacific (NACA) Global Conference on Aquaculture	2021		Completed	www.aquaculture2020.org	
		Represent FAO and the agriculture sectors at biodiversity-related events	Provide leadership and support to the planning and/or implementation of the following events:					
			Ocean Conference	2021	Agreed during membership consultations	Completed	www.un.org/en/conferences/ocean2022	
			World Food Systems Summit	2021		Completed	www.un.org/en/food-systems-summit www.unfoodsystemshub.org	
			Nutrition for Growth Summit	2021		Completed	https://nutritionforgrowth.org/events/	
			World Poultry Congress	2021		Completed	https://www.wpsa.com/index.php/publications/wpsa-proceedings/world-s-poultry-congresses/xxvi-world-s-poultry-congress-2022	
			World Congress on Genetics Applied to Livestock Production	2022		Completed	https://wcgalp.com	

			European Federation of Animal Science (EAAP)	2023		Completed	https://meetings.eaap.org
			World Conservation Congress of the International Union for Conservation of Nature (IUCN)	2021		Completed	http://sdg.iisd.org/news/world-conservation-congress-mobilizes-attention-ahead-of-climate-biodiversity-cops
			Our Ocean	2021		Completed	www.ouroceanpanama2023.gob.pa
			European Development Days	2021		Completed	https://eudevdays.eu/sites/default/files/dd21_proceedings_final-v2.pdf www.youtube.com/watch?v=N8XxqcgFU7k
			World Fisheries Congress	2021		Completed	www.dropbox.com/s/iv0w46no4zsbeyp/Characterizing Extinction Concern_KimFRIEDMAN_WFC2021.mp4?dl=0
			International Coral Reef Symposium	2021		Completed	www.icrs2022.de
			Ecosystem Services Partnership Conferences	2021-2023		Completed	https://www.fao.org/in-action/epic/news-and-events/detail-events/en/c/1412288/
		Represent FAO at sessions of relevant biodiversity conventions with a view to positioning FAO as the key forum for biodiversity for food and agriculture and ensuring that the needs of the agriculture sectors are included in other agreements	Contribute to the planning of the following events, and to the implementation of their outcomes, as appropriate				
			<ul style="list-style-type: none"> 15th and 16th Meeting of the Conference of the Parties to the Convention on Biological Diversity (CBD) 	2023		Completed	https://www.fao.org/events/detail/fao-at-cop15/en The 16 th Meeting of the Conference of the Parties to the CBD is scheduled to take place 21 October – 1 November 2024.
			<ul style="list-style-type: none"> 14th and 15th Meeting of the Conference of the Contracting Parties to the Ramsar Convention on Wetlands 	2023		Completed	www.ramsar.org/event/14th-meeting-of-the-conference-of-the-contracting-parties The 15 th Meeting of the Conference of the Parties to the Ramsar Convention on Wetlands is expected to take place in 2025.
Assemble, disseminate and improve the uptake of knowledge, technologies and best practices that demonstrate the links between biodiversity and food security	5	Share good practices and develop tools that demonstrate the links between the sustainable use of biodiversity and food security and nutrition and support the transition to achieve biodiversity-friendly	Guidelines, good practices and other knowledge products from the Sustainable Wildlife Management Programme shared annually as part of the Sustainable Forest Management Toolbox, on FAO website and at relevant fora	2023	COFO/2020/REP (para 10b.iv); AFWC/2020/REP	Completed	https://www.fao.org/sustainable-forest-management/toolbox/en/Sustainable Wildlife Management Policy Support and Governance Gateway
			In support of SDG target 12.7, book published on public food procurement,	2021	Agreed during membership consultations	Completed	https://doi.org/10.4060/cb7960en

		agriculture and sustainable food systems, as appropriate	with several chapters related to supporting the use of local food diversity				
			Guidelines, best practices and a monitoring framework for ecosystem restoration made available on the website of United Nations Decade on Ecosystem Restoration	2023	COFO/2020/REP (para 29.e); C 2021/23 (Para 19.i)	Completed	https://www.decadeonrestoration.org/ https://ferm.fao.org https://doi.org/10.4060/cc9106en https://www.fao.org/documents/card/en/c/cb6591en
			Community of practice network of practitioners created through the Agroecology Knowledge Hub	2021		Completed	www.fao.org/agroecology/home/en
			The Tool for Agroecology Performance Evaluation (TAPE) is tested in all regions and a global database is developed to improve evidence on the multi-dimensional performance of agroecology, as one of the sustainable innovative approaches available to achieve sustainable food systems	2021	C 2019/REP (para 15)	Completed	www.fao.org/agroecology/tools-tape/en
			Publication on <i>Mountain farming systems – seeds for the future</i> . A compilation of best agroecological farming practices in mountain areas and their contribution to sustainable mountain development	2021	Agreed during membership consultations	Completed	www.fao.org/family-farming/detail/en/c/1415613
			Recarbonizing global soils: A technical manual of good management practices	2021	GSPPA-VIII/20/Report, 6.1	Completed	https://doi.org/10.4060/cb6595en
			FAO Position paper on Ecosystem Restoration for Food and Agriculture Production Sectors	2021	Agreed during membership consultations	Completed	www.fao.org/3/nd425en/nd425en.pdf
			Guidelines for Good Beekeeping Practices for Sustainable Apiculture	2021		Completed	www.fao.org/family-farming/detail/en/c/1442505
Facilitate partnerships that support biodiversity mainstreaming between governments, development partners, civil society, the private sector and Indigenous Peoples and local communities	6	Expand work of relevant partnerships (e.g. members of the UN Environment Management Group; the Collaborative Partnership on Forests; the Collaborative Partnership on Sustainable Wildlife Management; the Mountain Partnership; the Global Soil Partnership, the Intergovernmental Technical Panel on Soils) to increase the recognition of the role of	Joint initiative of the Collaborative Partnership on Forests to halt deforestation	2021	COFO/2020/REP (para 22.j)	Completed	https://openknowledge.fao.org/handle/20.500.14283/cb7451en https://www.fao.org/3/cb5879en/cb5879en.pdf https://www.fao.org/collaborative-partnership-on-forests/news/joint-call-to-action-for-forests-towards-2030/en
			Wildlife Forum organized by Collaborative Partnership on Sustainable Wildlife Management (CPW)	2021	AFWC/2020/REP	Completed	https://s3.amazonaws.com/cbddocumentspublic-imagebucket-15w2zyxk3pr18/afda445b0ffb5a4e7e6e330d21ff0bcf https://enb.iisd.org/sites/default/files/2021-09/cpw_forum_3_summary.pdf

	biodiversity for food security and nutrition	Annual plenary assemblies of the Global Soil Partnership (GSP)	2021-2023	Global Soil Partnership Constituency	Completed	www.fao.org/global-soil-partnership/about/plenary-assembly/en/
		Annual working sessions of the Intergovernmental Technical Panel on Soils (ITPS)	2021-2023	Global Soil Partnership Constituency	Completed	https://www.fao.org/global-soil-partnership/itps/en/ https://www.fao.org/global-soil-partnership/intergovernmental-technical-panel-soils/nineteenth-working-session/en/
		Report on agricultural sectors' experiences on wetlands produced in collaboration with the RAMSAR Convention published	2023	Agreed during membership consultations	Completed	https://www.ramsar.org/sites/default/files/documents/library/rpb6_agriculture_e.pdf
		Following COFI request, strengthened support to marine and inland RFMOs and RFABs, and other regional initiatives in mainstreaming biodiversity in the conservation and sustainable use of aquatic resources	Ongoing	C 2021/23 (para 17.i)	Completed	https://doi.org/10.4060/cc5979en
		Contribute to the Biodiversity Liaison Group of the Convention on Biological Diversity (IPPC, ITPGRFA)	Ongoing	CBD/COP/Decision V/5	Completed	https://www.cbd.int/doc/c/ecac/b4df/16699be5d100b9e784745176/sbi-03-inf-38-en.pdf https://www.cbd.int/doc/c/f6ee/2fcd/c5d2bd0941c83dafb03fa346/sbi-03-inf-39-en.pdf https://www.cbd.int/blg/ITPGRFA_Res_13/2023
	Contribute to the work of other organizations on phytosanitary measures	Continue to work with the World Customs Organization related to e-commerce, invasive alien species and Authorized Economic Operators	Ongoing	CPM 2018/28 IPPC Strategic Framework 2020-2030	Completed	https://www.ippc.int/en/ippc-community/
		Continue to work with the International Maritime Organization related to pests moving on sea containers	Ongoing		Completed	https://www.ippc.int/en/ippc-community/
		Continue to work with the Universal Postal Union (UPU) related to e-Commerce-invasive alien species	Ongoing		Completed	https://www.ippc.int/en/ippc-community/
		Continue to work with the World Trade Organization (WTO) related to Sanitary and Phytosanitary Agreement	Ongoing		Completed	https://www.ippc.int/en/ippc-community/
	Contribute to the work of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES)	Contributions to IPBES's programme of work provided and relevant FAO Governing Bodies and statutory bodies regularly informed of developments in	Ongoing	Decision IPBES-2/8: Collaborative partnership arrangement	Completed	www.ipbes.net/resource-file/102578 www.ipbes.net/resource-file/103414 https://www.ipbes.net/resource-file/104398

			the implementation of the programme of work				https://www.fao.org/3/nn711en/nn711en.pdf https://www.fao.org/3/nn712en/nn712en.pdf		
	Contribute to the One Health Tripartite (FAO, World Health Organization (WHO) and World Organisation for Animal Health (OIE)), and other One Health platforms		Continue to strengthen One Health governance by cooperation with UNEP and others, in relation to environment and biodiversity, to develop the appropriate panels and policies, under the guidance of FAO Members	2021	C 2021/21 (para 25, 28; 74); COFO/2020/REP (para 17.c)	Completed	www.who.int/news/item/01-12-2021-tripartite-and-unesp-support-ohhlep-s-definition-of-one-health www.fao.org/newsroom/detail/un-environment-programme-joins-alliance-to-implement-one-health-approach/en www.fao.org/3/cb9403en/cb9403en.pdf		
			Work with OIE and CITES on wildlife wet-markets	2023	Agreed during membership consultations	Completed	Related documents: https://doi.org/10.4060/cb1503en https://www.fao.org/3/cb1490en/cb1490en.pdf https://drive.google.com/file/d/1qaFSLKJyCUAMMgitVy0BnB6dmnXAGWtm/view https://docs.google.com/document/d/1HpsX4IqibbhrUWx1mBP2k-iojvL4Hqs21PE6kxUXzws/edit		
			Biodiversity Integrated Assessment and Computation Tool (B-INTACT) is applied across all regions and for a variety of projects and programmes in subsectors including agriculture, livestock and forestry	2021		Completed	https://www.fao.org/in-action/epic/exact-tool/suite-of-tools/b-intact/en/		
			Consider synergies between climate initiatives in agriculture and the conservation and sustainable use of biodiversity, taking into account national circumstances	2021	Implementation of the Recarbonization of Global Soils (RECSOIL) initiative, including the preparation of the Global Soil Organic Carbon sequestration map and the launch of the GSOC-MRV at farm level	2021	GSPPA-VIII/20/Report, 6.1	Completed	https://www.fao.org/global-soil-partnership/areas-of-work/recsoil/recsoil-home/en/ https://doi.org/10.4060/cb2642en https://openknowledge.fao.org/handle/20.500.14283/cb8913en www.fao.org/global-soil-partnership/resources/highlights/detail/es/c/1308261 www.fao.org/global-soil-partnership/resources/highlights/detail/en/c/1638520/
			Strengthen support to sustainable and innovative business practices and support countries in accounting for their ecosystem services	2021	Develop, test and promote a set of indicators/measurement matrix, working with private sector partners, to assist companies involved in the food and agriculture sector to measure their impact on biodiversity, and/or to help national governments collect corporate practices related to biodiversity	2021	CL 165/Rep (para 12)	Completed	https://doi.org/10.4060/cb6526en

			Collaborate with private sector corporate reporting organizations such as Global Reporting Initiative (GRI), Carbon Disclosure Project (CDP), Sustainability Accounting Standards Board (SASB) to better mainstream biodiversity in their standards, in particular sector standards related to food and agriculture	2021		Completed	www.globalreporting.org/standards/standards-development/sector-standard-for-agriculture-aquaculture-and-fishing/ www.globalreporting.org/standards/standards-development/topic-standard-project-for-biodiversity/
		Support countries to avoid the negative impacts of agriculture and food systems on biodiversity by promoting sustainable practices	Countries supported to eliminate practices and public policies that are harmful to biodiversity with due observance of multilaterally agreed biodiversity targets, in order to minimize or avoid negative impacts and enhance conservation and sustainable use of biodiversity, depending on national context and priorities and in line with WTO rules and other relevant international obligations	2023	Agreed during membership consultations	Completed	https://doi.org/10.4060/cb6562en
		Raise awareness on the drivers of forest biodiversity loss and how to address these	Technical paper on the role of sustainable livestock management to reduce deforestation and the degradation of agrosilvopastoral systems in dryland regions	2022	COFO/2020/REP (para 22-23); C 2021/21 (para 13-14)	Completed	https://doi.org/10.4060/cc2280en https://doi.org/10.4060/cc2903en https://regreeningafrica.org/wp-content/uploads/2022/11/Regenerative-Grazing_for_Climate_Ecosystem_and_Human_Health.pdf
Raise awareness of the role of biodiversity and its ecosystem services for food security and nutrition at relevant fora	7	Engage in and co-lead the UN Decades on Nutrition, Ocean Science, Family Farming, Water, and Ecosystem Restoration, support the commemoration of the international/world days on Pulses, Wetlands, Wildlife, Forests, Water, Bee, Biological Diversity, Environment, Desertification and Drought, Mangrove Ecosystems, Awareness on Food Loss and Waste, Soil, Mountain and Plant Health, and advocate for biodiversity mainstreaming and the role of biodiversity and its ecosystem services for food security and nutrition within these	Annual campaigns: <ul style="list-style-type: none"> • World Pulses Day (1 February) • World Wetlands Day (2 February) • World Wildlife Day (3 March) • International Day of Forests (21 March) • World Water Day (22 March) • World Bee Day (20 May) • International Day for Biological Diversity (22 May) • World Environment Day (5 June) • Desertification and Drought Day (17 June) • International Day for Mangrove Ecosystems (26 July) • International Day of Awareness of Food Loss and Waste (29 September) • World Soil Day (5 December) • International Mountain Day (11 December) 	2021-2023	Relevant UNGA Resolutions on official observances	Completed	www.fao.org/world-pulses-day/en/ https://www.fao.org/events/detail/world-wetlands-day---2-february/en https://sdg.iisd.org/commentary/guest-articles/partnerships-key-to-meeting-wildlife-conservation-targets/ https://sdg.iisd.org/commentary/guest-articles/preventing-human-wildlife-conflict-is-critical-for-people-and-the-planet/ https://www.wildlifeday.org/en/message/joint-statement https://www.wildlifeday.org/en/message/qu-dongyu www.fao.org/international-day-of-forests/en/ www.fao.org/world-water-day/en www.fao.org/world-bee-day/en/ www.fao.org/platform-food-loss-waste/flw-events/international-day-food-loss-and-waste/en www.fao.org/world-soil-day/en/

			<ul style="list-style-type: none"> International Day of Plant Health (TBD)²⁸ 				www.fao.org/international-mountain-day/en https://sdg.iisd.org/commentary/guest-articles/stakeholder-engagement-is-crucial-for-successful-species-recovery-CL-165/REP , paragraph 19 b.
			Strategy for UN Decade on Ecosystem Restoration developed (2021-2030), launched and implemented	2021	UNGA A/RES/73/284; C 2021/23 (Para 19.i)	Completed	www.decadeonrestoration.org/strategy https://wedocs.unep.org/bitstream/handle/20.500.11822/31813/ERDStrat.pdf?sequence=1&isAllowed=y
			Strategy for UN Decade on Ocean Science for Sustainable Development (2021-2030) – Decade Implementation Plan	2023	C 2021/23 (para 17.h)	Completed	https://unesdoc.unesco.org/ark:/48223/pf0000376780
			Mid-term review of the UN Decade of Action on Nutrition	2021	Agreed during membership consultations	Completed	https://cdn.who.int/media/docs/default-source/nutritionlibrary/departmental-news/mid-term-review---un-decade-of-action-on-nutrition https://documents-dds-ny.un.org/doc/UNDOC/GEN/N20/093/77/PDF/N2009377
			International Year of Fruits and Vegetables	2021	Relevant UNGA Resolution	Completed	www.fao.org/fruits-vegetables-2021/resources/en
			International Year of Artisanal Fisheries and Aquaculture	2022		Completed	https://www.fao.org/artisanal-fisheries-aquaculture-2022/home/en/ https://doi.org/10.4060/cc5034en
Outcome 4: Coordination and delivery of FAO's work on biodiversity strengthened							
Enhance the capacity of FAO in biodiversity-related matters	4	Develop an FAO-wide internal working group on biodiversity, including, as appropriate, thematic sub-working groups, for knowledge exchange on biodiversity matters	FAO wide working group established	2021	Agreed during membership consultations	Completed	As of March 2024, the interdepartmental working group includes 95 members from various Units in 18 technical Divisions/Offices in headquarters, and 11 Regional, Subregional and Liaison Offices.
			Up-to-date roster of FAO Biodiversity Focal Points available on-line	2021		Completed	https://www.fao.org/biodiversity/our-work/strategy-and-action-plan/roster-of-fao-biodiversity-focal-points/en
			Capacity built to coordinate biodiversity within FAO and provide consistent support to common areas of work	ongoing		Completed	Selected key figures: <ul style="list-style-type: none"> Biodiversity-specific activities and outputs are included in the current Country Programming Framework of 113 country offices (CO)

²⁸ Subject to the approval of FAO Conference and UN General Assembly.

							<ul style="list-style-type: none"> 103 Biodiversity Focal Points nominated in COIN for COs and Regional Offices 49 COs have provided biodiversity training to their staff
			Working Group on Dryland Forests and Agrosilvopastoral Systems	ongoing	COFO/2020/REP (para 39)	Completed	Working group is operational
Improve the uptake of knowledge, technologies and good practices related to biodiversity by FAO policies and procedures	5	Review the project cycle processes, and environmental and social safeguards to better address the three levels of biodiversity across all agricultural sectors	Revised FAO environmental and social safeguards in force	2021	Agreed during membership consultations	Completed	https://doi.org/10.4060/cb9870en
		Create a biodiversity marker (following the example of the gender marker) for projects	Biodiversity marker implemented in project design and approval	2023		Completed	Rio Biodiversity marker in FPMIS
			Biodiversity marker included in FAO Country annual reports	2021		Completed	Biodiversity questions integrated in CAR
		Include biodiversity-related issues in project risk management and FPIC (Free, Prior and Informed Consent)	Biodiversity included in project risk management tools	2021		Completed	https://www.fao.org/fileadmin/user_upload/faoweb/2021/Indigenous/FINAL_P_SUI-FAO_Indigenous_Peoples_Unit_Annual_Report_2021_1.pdf https://doi.org/10.4060/cb9870en
		Develop new procurement guidelines that take into consideration biodiversity concerns	Review of the status of biodiversity in FAO procurement	2021		Completed	
Strengthen collaboration with relevant organizations	6	Establish biodiversity as a key area of collaboration with relevant international organizations, civil society and private sector actors and indigenous peoples and local communities	Biodiversity reflected in new and updated cooperation agreements (e.g. Memorandum of Understanding)	2021	Agreed during membership consultations	Completed	FAO has 22 ongoing active partnerships with various civil society organizations and academia and research institutions, of which biodiversity and ecosystem services for food and agriculture are included as one of the areas of collaboration.