



Food and Agriculture
Organization of the
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COMMISSION ON
GENETIC RESOURCES
FOR FOOD AND
AGRICULTURE

THE STATE OF THE WORLD'S BIODIVERSITY FOR FOOD AND AGRICULTURE



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Report coordinator, FAO

Regional Workshop on the Post-2020 Global Biodiversity Framework
for the Western European and Others Group and Other Members of
the European Union

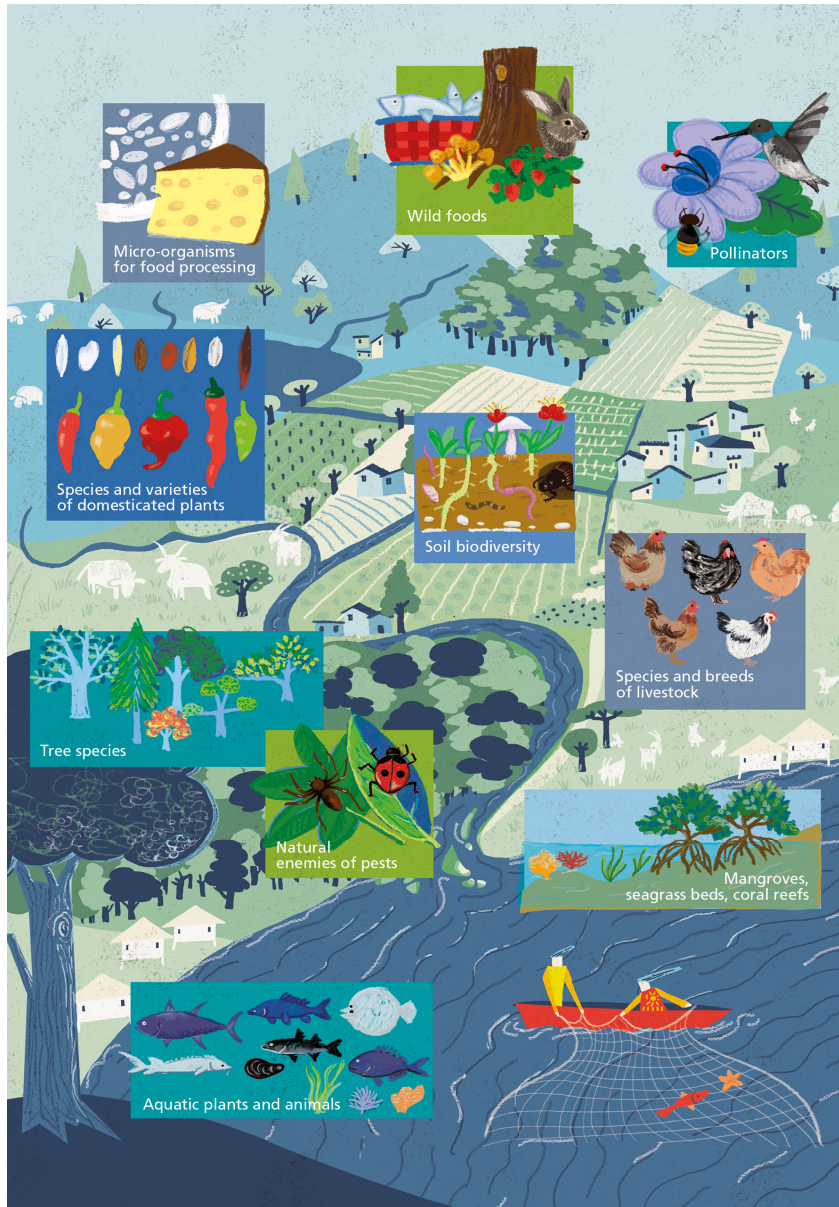


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Biodiversity for food and agriculture



Biodiversity for food and agriculture is the variety of life at genetic, species and ecosystem levels that contributes to agriculture and food production.

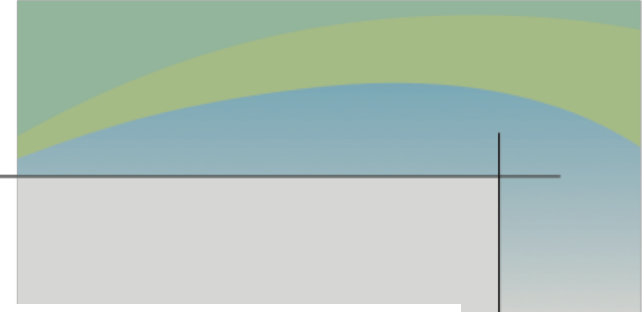


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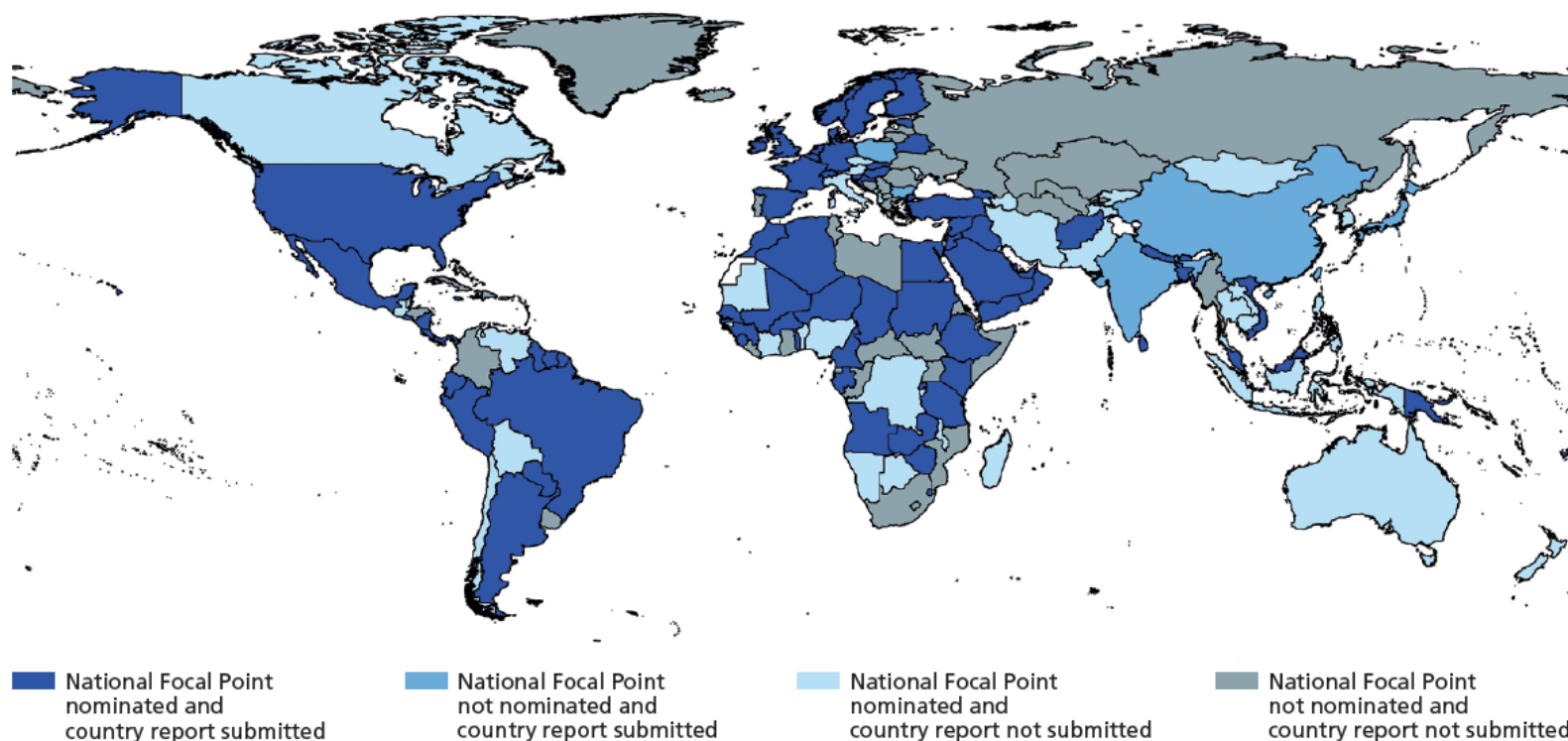
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The State of the World's Biodiversity for Food and Agriculture



Participation in the reporting process



Note: Data as of October 2018.

Source: FAO.



Sources of information

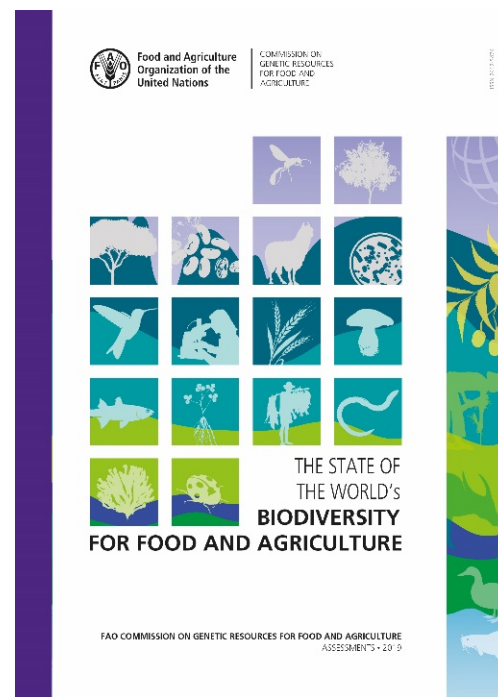
91 country reports, prepared by
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27 reports from international
organizations

5 thematic studies

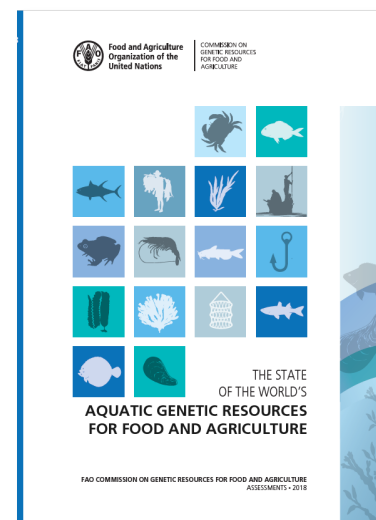
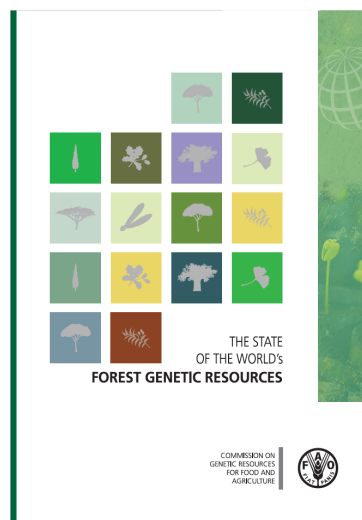
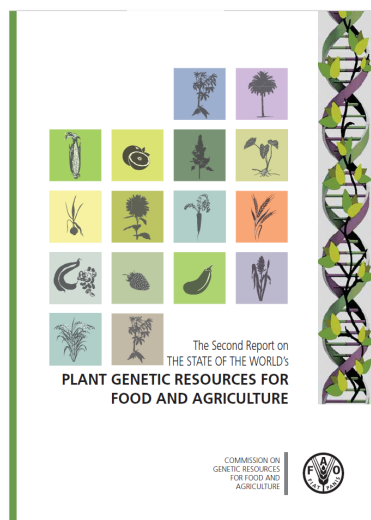
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State of the World Reports



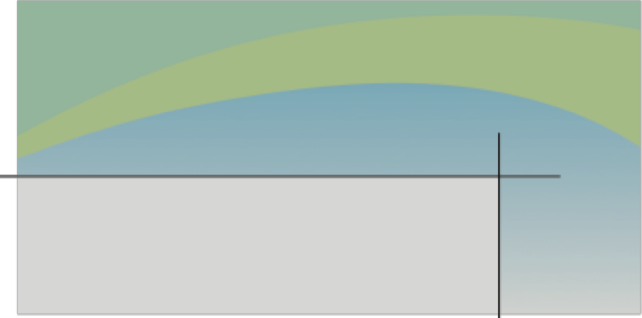


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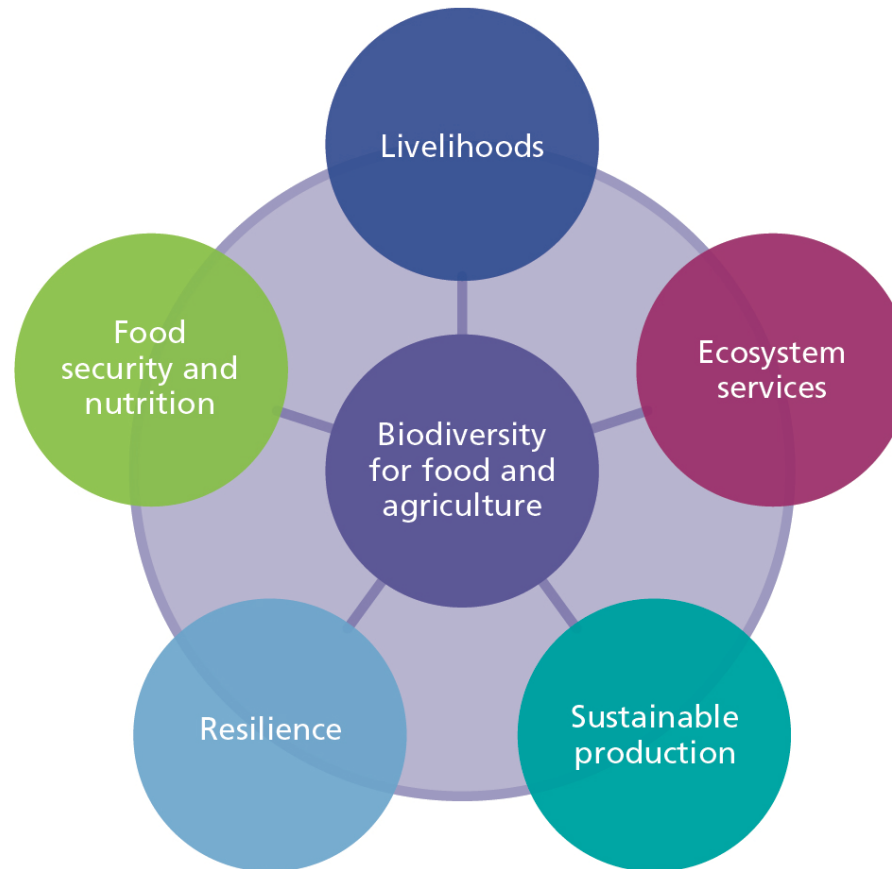
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Key messages

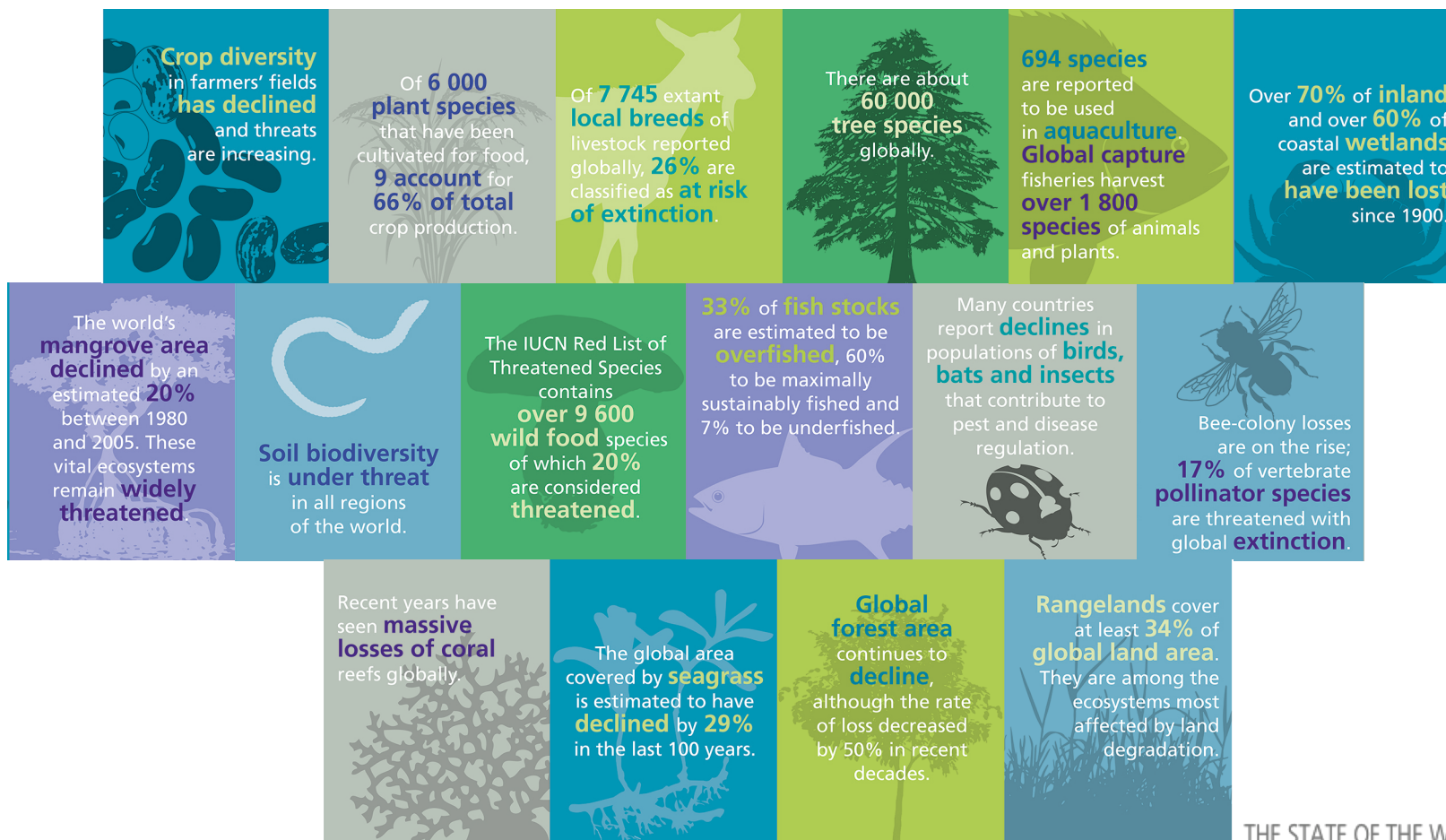


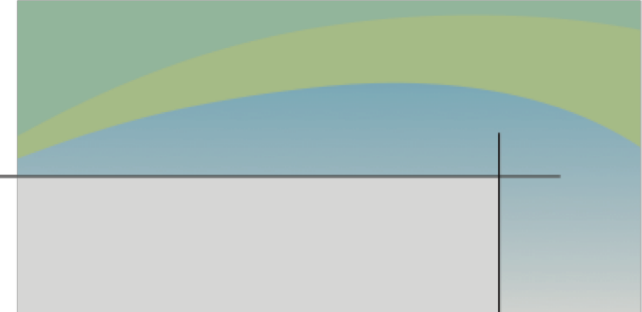
1. Biodiversity is essential to food and agriculture





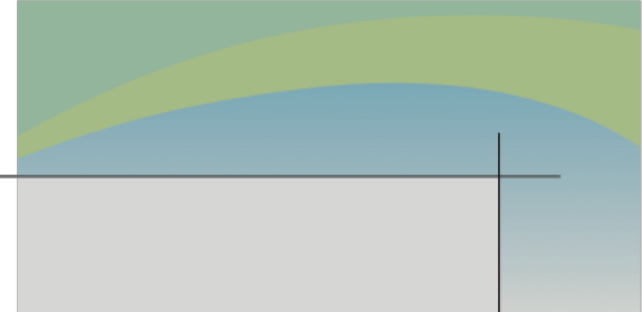
2. Biodiversity for food and agriculture is declining





3. Multiple interacting drivers of change are affecting biodiversity for food and agriculture

Drivers of change		Reported effect on biodiversity for food and agriculture
Economic and social	Population growth and urbanization	- -
	Markets and trade	-
	Changing economic, sociopolitical and cultural factors	+ / -
Environmental drivers	Climate change	- -
	Natural disasters	- -
	Pests, diseases, invasive alien species	- -
Drivers at production system level	Changes in land and water use and management	- -
	Pollution and external inputs	- -
	Overexploitation and overharvesting	- -
Other	Advances and innovations in science and technology	+
	Policies	+ +



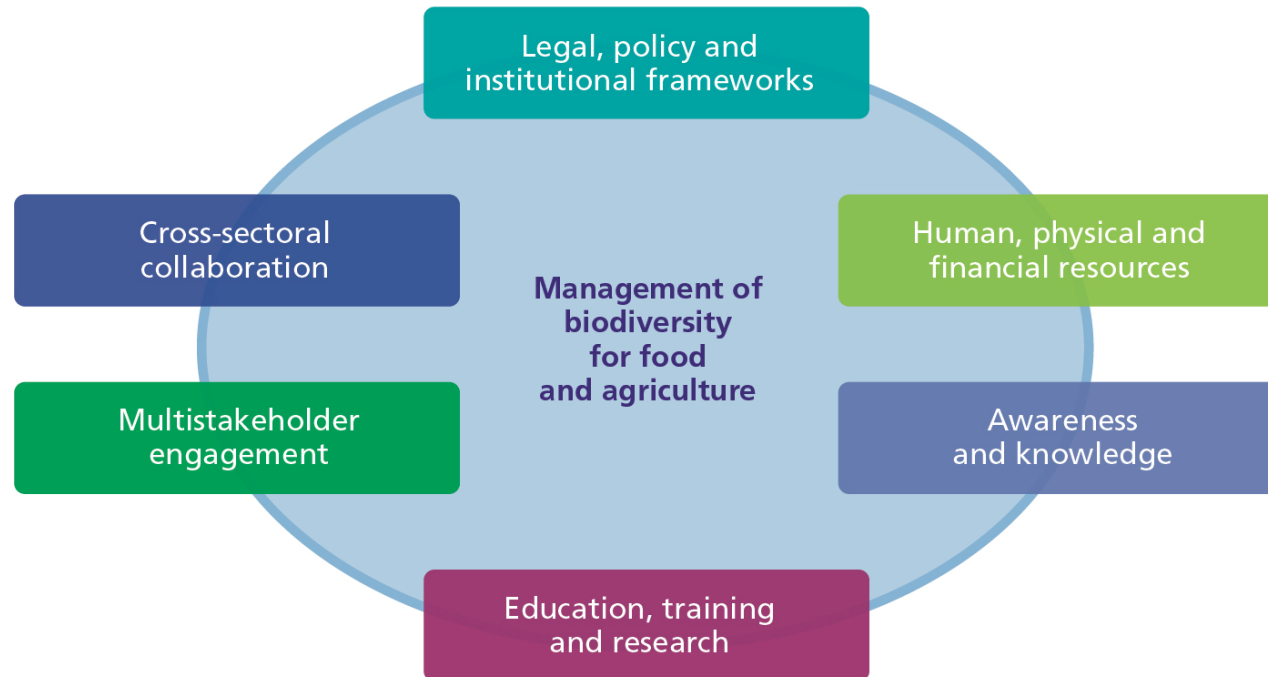
4. The use of many biodiversity-friendly practices is reported to be increasing

Management practices and approaches	Production systems (PS)												
	Livestock grassland-based systems	Livestock landless systems	Naturally regenerated forests	Planted forests	Self-recruiting capture fisheries	Culture-based fisheries	Fed aquaculture	Non-fed aquaculture	Irrigated crop systems (rice)	Irrigated crop systems (other)	Rainfed crop systems	Mixed systems	
Landscape management	↗	↗	↗	↗					↗	↗	↗	↗	Proportion of countries reporting the PS that report any trends (%)
Ecosystem approach to fisheries					↗	↗	↗						
Restoration	↗		↗	↗	↗				↗	↗	↗	↗	
Diversification	↗	↗	↗	↗	↗	↗	↗		↗	↗	↗	↗	
Home gardens	↗	↔	↗	↗					↗	↗	↗	↗	
Agroforestry	↗	↗	↗	↗					↗	↗	↗	↗	
													0–9
													10–19
													20–29
													30–39

.....



5. Enabling frameworks for the sustainable use and conservation of biodiversity for food and agriculture remain insufficient



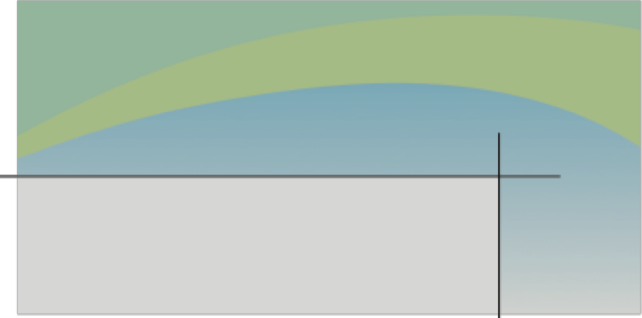


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What needs to be done?



Address knowledge and data gaps



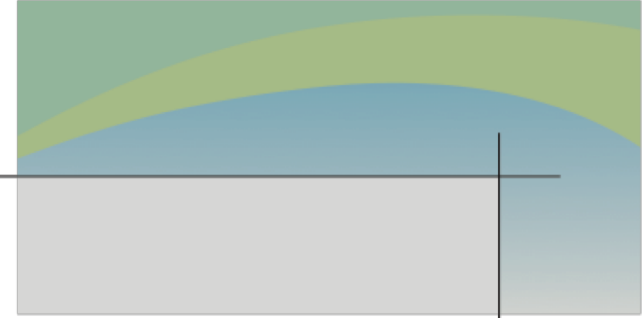
Support uptake of biodiversity-friendly management practices in all sectors



Tackle constraints to the establishment of effective *in situ* and *ex situ* conservation programmes



Improve cross-sectoral collaboration and multistakeholder engagement and cooperation in the management of BFA



At its 17th Regular Session (18-22 February 2019) the Commission:

- Welcomed the report [...] as an important contribution to the discussions on the post-2020 global biodiversity framework
- Agreed on a process for the finalization of a follow-up to the report
- Called for an open-ended meeting of the Group of National Focal Points for Biodiversity for Food and Agriculture



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Thank you!

Full report at:

<http://www.fao.org/cgrfa/topics/biodiversity/sowbfa/en>