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AGRICULTURE

Mainstreaming biodiversity across agricultural sectors: from the Framework for Action on Biodiversity for Food and Agriculture to implementation of the KMGBF

8 September 2026

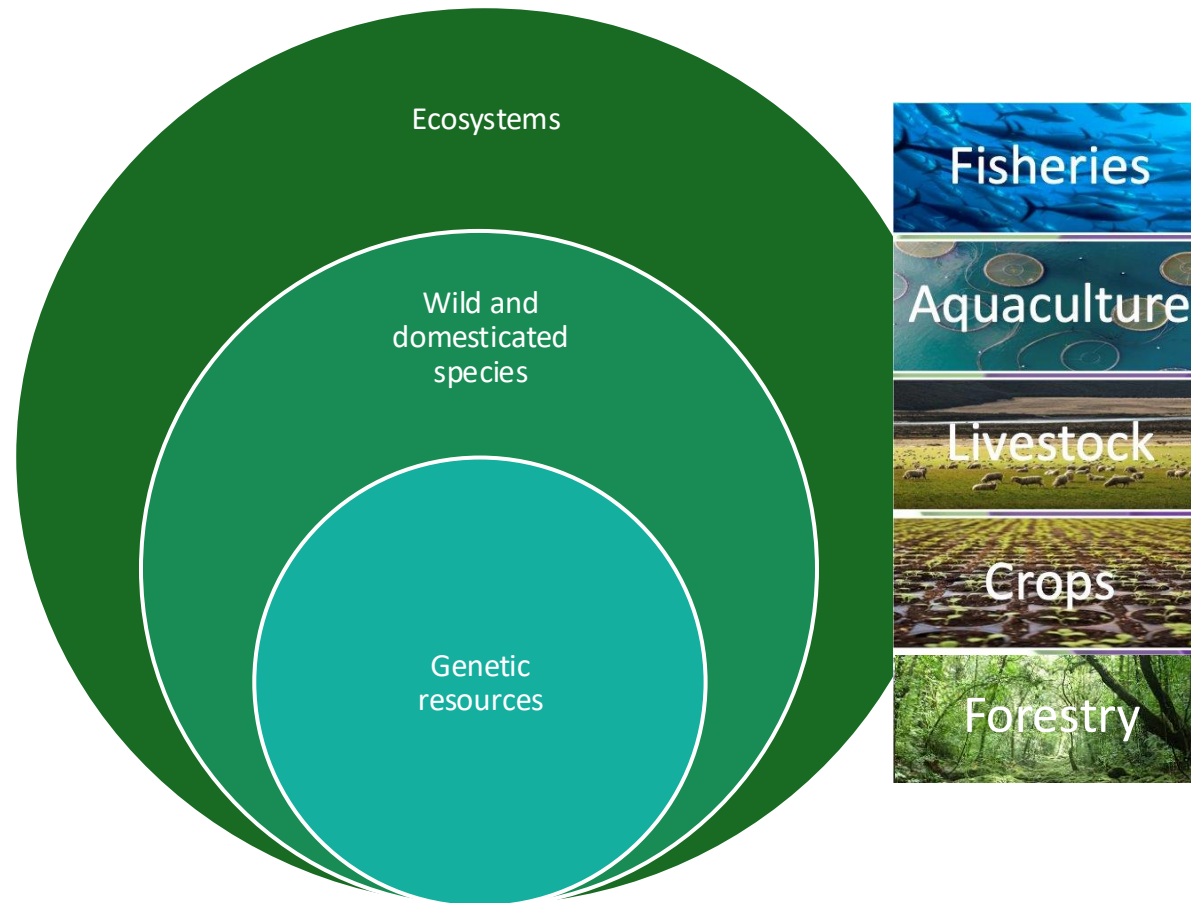
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What is “biodiversity for food and agriculture” and why is it important?





Agrifood systems depend on biodiversity

For example:

**>10,000
wild species**

are **used** as food and provide a diverse healthy diet.

**>75 % of top
food crops**

are **pollinated** by bees, butterflies and other animals.

**Genetic
resources**

underpin the capacity of agrifood systems to **adapt** to changing temperatures, droughts, floods, pests and diseases.

However, **biodiversity for food and agriculture is in decline** at genetic, species and ecosystem levels.



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Agrifood systems can be part of the solution

Unsustainable practices in agrifood are a key driver of biodiversity loss.



Biodiversity-friendly practices promote the conservation and sustainable use of biodiversity.





The KMGBF recognizes the potential role of agrifood systems

Target 10 is the focus – but all targets relate to agrifood systems in one way or another.

TARGET 10

Enhance biodiversity and sustainability
in agriculture, aquaculture, fisheries
and forestry

TARGET 4

Genetic diversity +
species recovery

TARGET 5

Harvesting + trade
of wild species

TARGET 7

Reduce pollution
impacts

TARGET 11

Nature's
contributions: soil,
pollination, water

TARGET 14

Integrate biodiversity
into policies and
planning

TARGET 18

Reduce harmful
incentives



The Framework for Action on Biodiversity for Food and Agriculture





The Framework for Action on Biodiversity for Food and Agriculture: A tool for implementing the KMGBF in agricultural sectors

- >50 individual actions
- 3 strategic priority areas:

1

Know it

CHARACTERIZATION, ASSESSMENT & MONITORING

- 1.1. Improve availability and access to information on BFA

2

Manage it

MANAGEMENT

- 2.1. Promote sustainable use of BFA and integrated approaches to its management
- 2.2. Improve conservation and restoration of BFA

3

Enable it

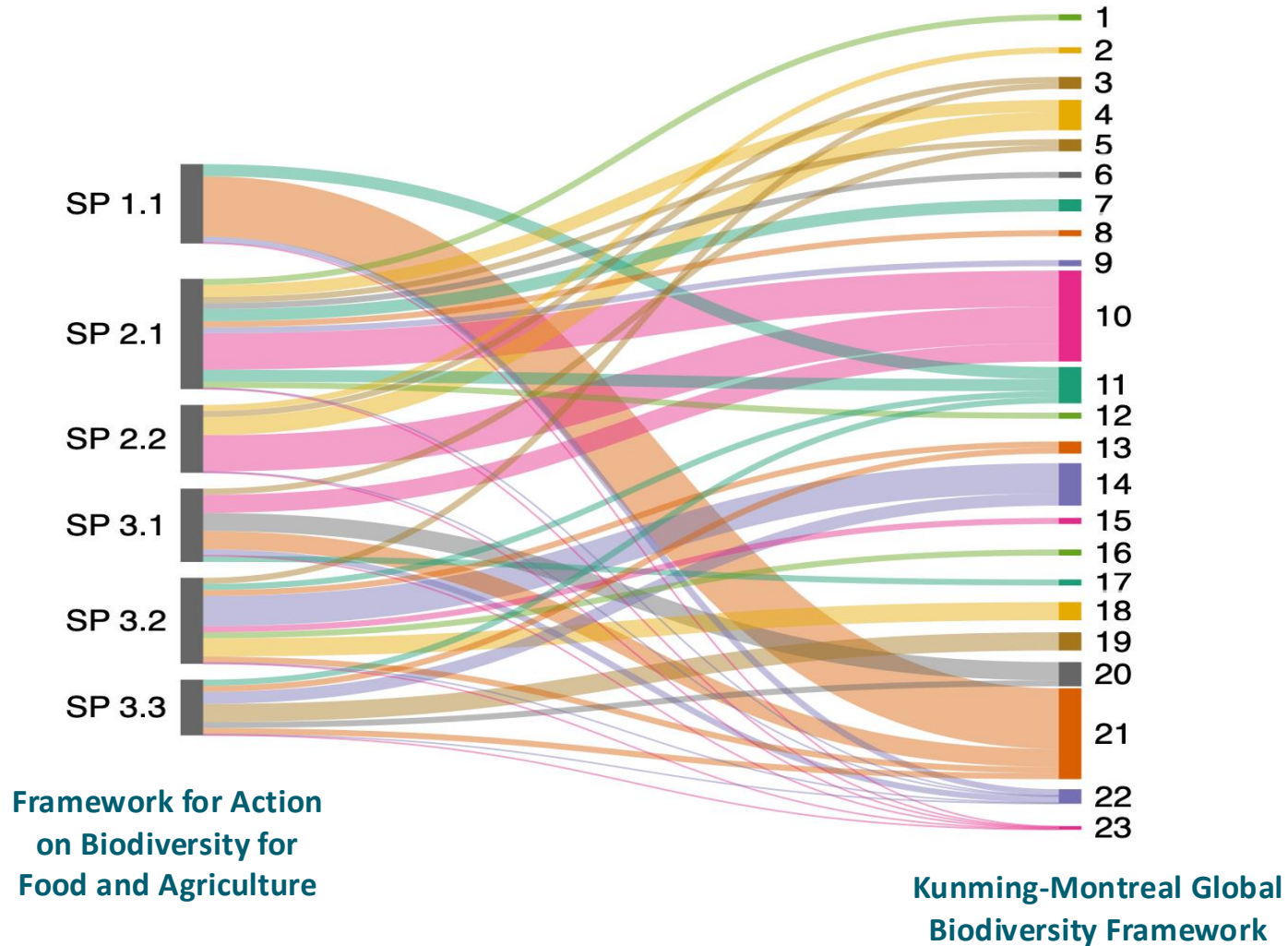
INSTITUTIONAL FRAMEWORKS

- 3.1. Build capacity
- 3.2. Strengthen legal, policy and incentive frameworks
- 3.3. Improve cooperation and funding





The Framework for Action and the KMGBF





Policy approaches

NBSAPs

- Agrifood-related targets and actions in National Biodiversity Strategies and Action Plans

Agrifood policies

- Mainstream biodiversity into agrifood policies and improve policy coherence

Dedicated strategies

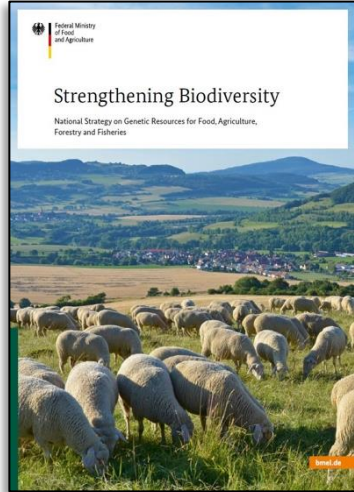
- Dedicated national strategy and action plan for biodiversity for food and agriculture



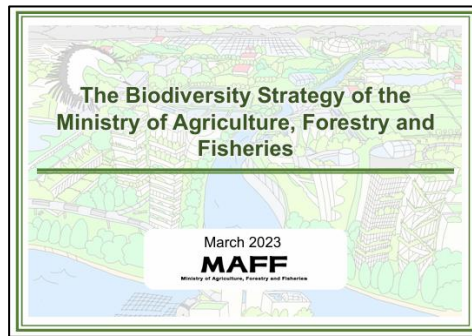
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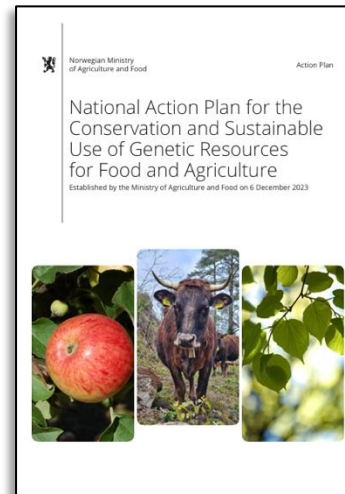
Dedicated national strategies for biodiversity for food and agriculture



Germany



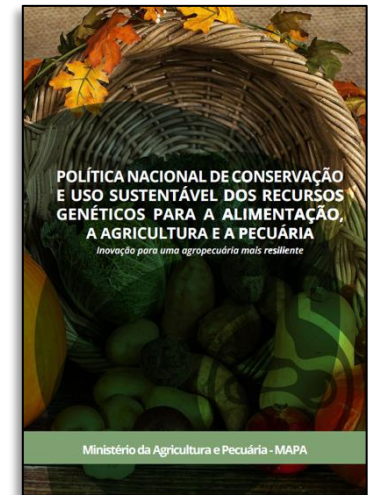
Japan



Norway



Mexico



Brazil



Example: conservation of genetic resources in Brazil



KMGBF Target 4



2.2.1 – Identify priorities species, ecosystems + ecosystem services for conservation + restoration

2.2.2 – Strengthen *in situ*/ on-farm conservation

2.2.3 – Establish or strengthen effective infrastructure for *ex situ* conservation

Actions of the Framework for Action on Biodiversity for Food and Agriculture



Guiding principles include:

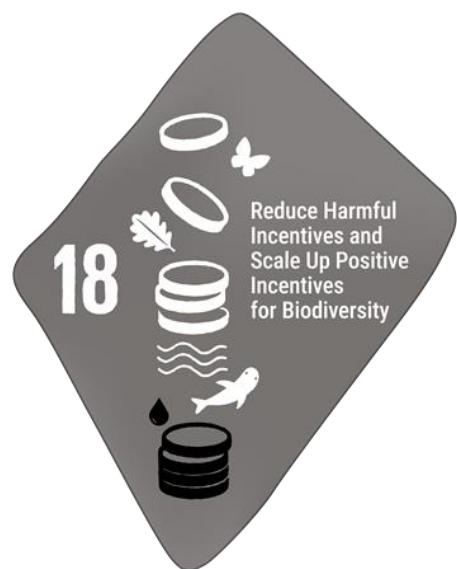
- Conservation and sustainable use of genetic resources for food and agriculture
- Genetic integrity of traditional varieties and locally adapted breeds
- Exchange of genetic resources for food and agriculture
- Valorization of traditional knowledge associated with the genetic heritage of Indigenous Peoples, traditional communities and family farmers



Brazil's National Policy for the Conservation and Sustainable Use of Genetic Resources for Food, Agriculture and Livestock



Example: positive incentives in Mexico



KMGBF Target 18

3.2.6 – Map existing incentives/economic instruments for BFA; address gaps or inconsistencies

3.2.7 – Promote markets and value chains that reward sustainable BFA use

3.2.8 – Eliminate or reform incentives harmful to biodiversity

Actions of the Framework for Action on Biodiversity for Food and Agriculture

Actions encouraging sustainable production + creation of incentives include:

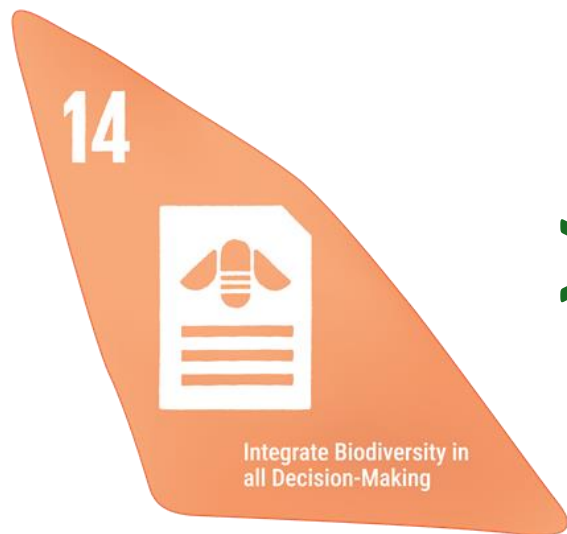
- Value-added products
- Market access
- Sustainable-use criteria
- Incentives for certification
- Evaluate + avoid harmful agricultural subsidies

Sectoral summaries of Mexico's Strategy for Mainstreaming Conservation and Sustainable Use of Biodiversity (2016–2022)





Example: interministerial coordination in Germany



KMGBF Target 14



3.2.1 – Inventory + review existing frameworks relevant to BFA; identify gaps and update

3.2.9 – Adapt sector policies/investments decisions to reduce ecosystem degradation + promote sustainable production

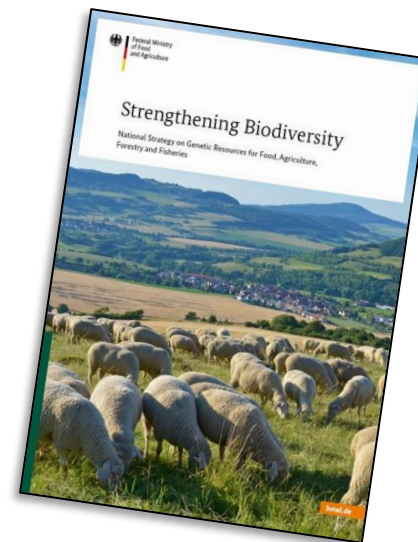
3.3.1 – Inventory national/regional institutions with mandates related to BFA, to establish/strengthen coordination mechanisms.

Actions of the Framework for Action on Biodiversity for Food and Agriculture



Interministerial coordination mechanisms for biodiversity and genetic resources include:

- **Interministerial Working Group** on the Implementation of the National Biodiversity Strategy
- Sectoral **expert advisory councils** (crops, livestock, aquatic, forest genetic resources)
- **Scientific Advisory Board** for Biodiversity and Genetic Resources



Germany's National Strategy on Genetic Resources for Food, Agriculture, Forestry and Fisheries



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