



Assessment Report on the Sustainable Use of Wild Species

<https://ipbes.net/sustainable-use-assessment>

The Intergovernmental Science-Policy Platform
on Biodiversity & Ecosystem Services



#SustainableUse Assessment



Food and Agriculture
Organization of the
United Nations

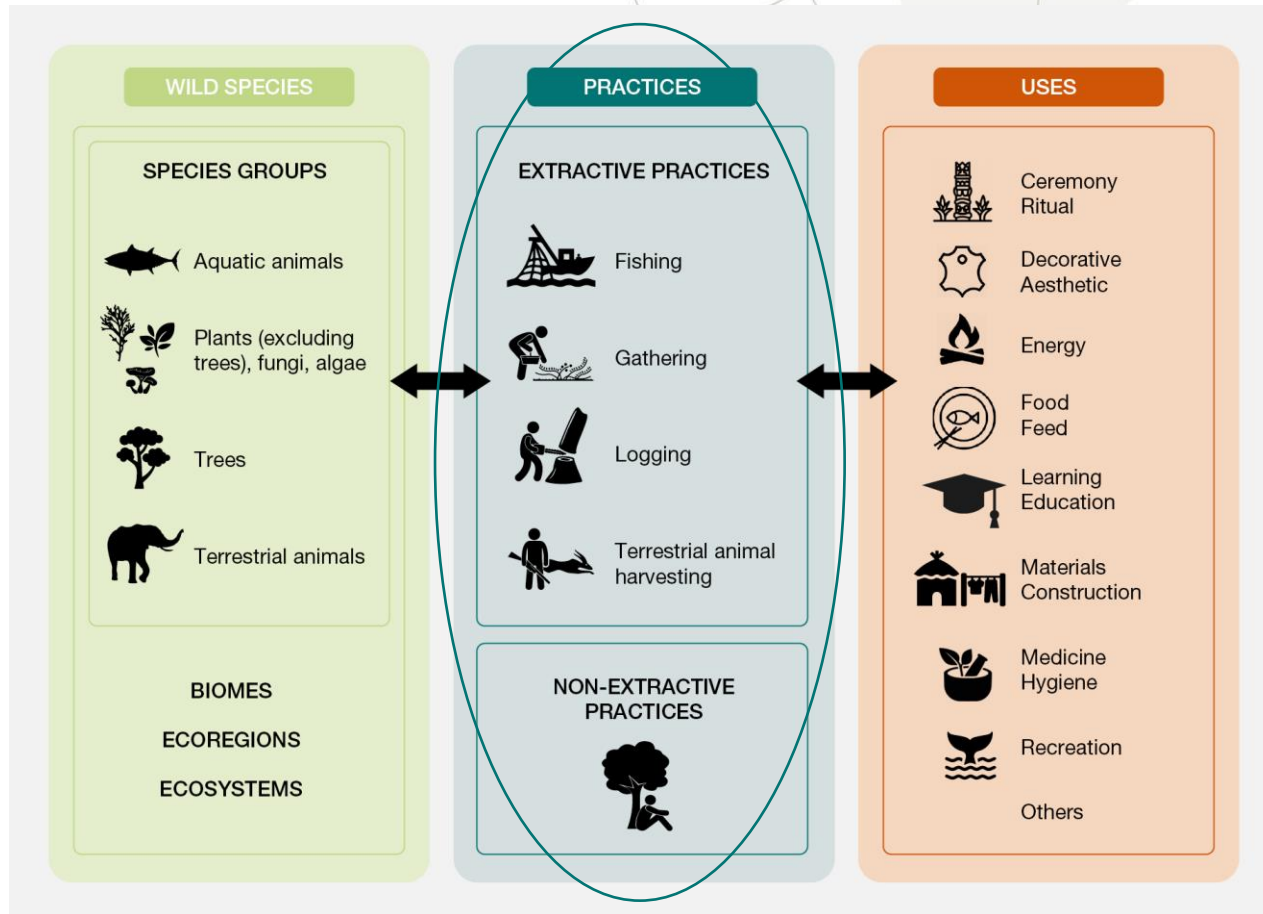


Sustainable Use Assessment Process - Rigorous

- 4 years (2018-2022)
- 85 interdisciplinary experts
- >200 contributing authors
- >50 countries
- >6200 references
- 4 external review periods
- **Scientific literature and indigenous and local knowledge**



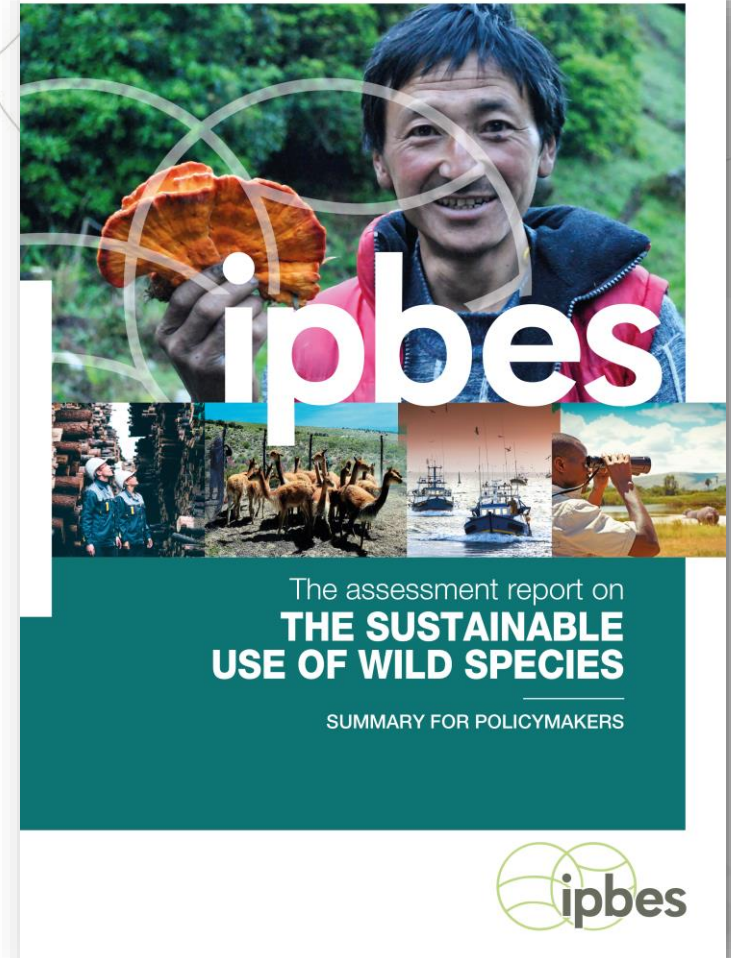
Sustainable Use Assessment Process - Comprehensive



Relevance for Global Biodiversity Framework

Goal B: Biodiversity is sustainably used & managed (almost all targets, esp.)

- **T.3** Protected areas
- **T.4** Species conservation
- **T.5** Prevent overexploitation
- **T.9** Ensure sustainable use & management of wild species
- **T.14** Integration at all levels of government & across sectors
- **T.20** Best available data, information, & knowledge
- **T.21 & T.22** Rights & equity for IPLC, women and girls, children & youth, persons with disabilities



Billions of people rely on and benefit from uses of wild species

- Culturally
- Economically
- Subsistence
- Informal & formal markets

T 3/5/9/21/22





1 in 5 People Rely on
wild species for food &
income

2.4 Billion People (1
in 3) depend on fuel
wood for cooking

T 9/14/21

50,000+ wild species

algae, animals, fungi, plants

>10,000 wild species for human food

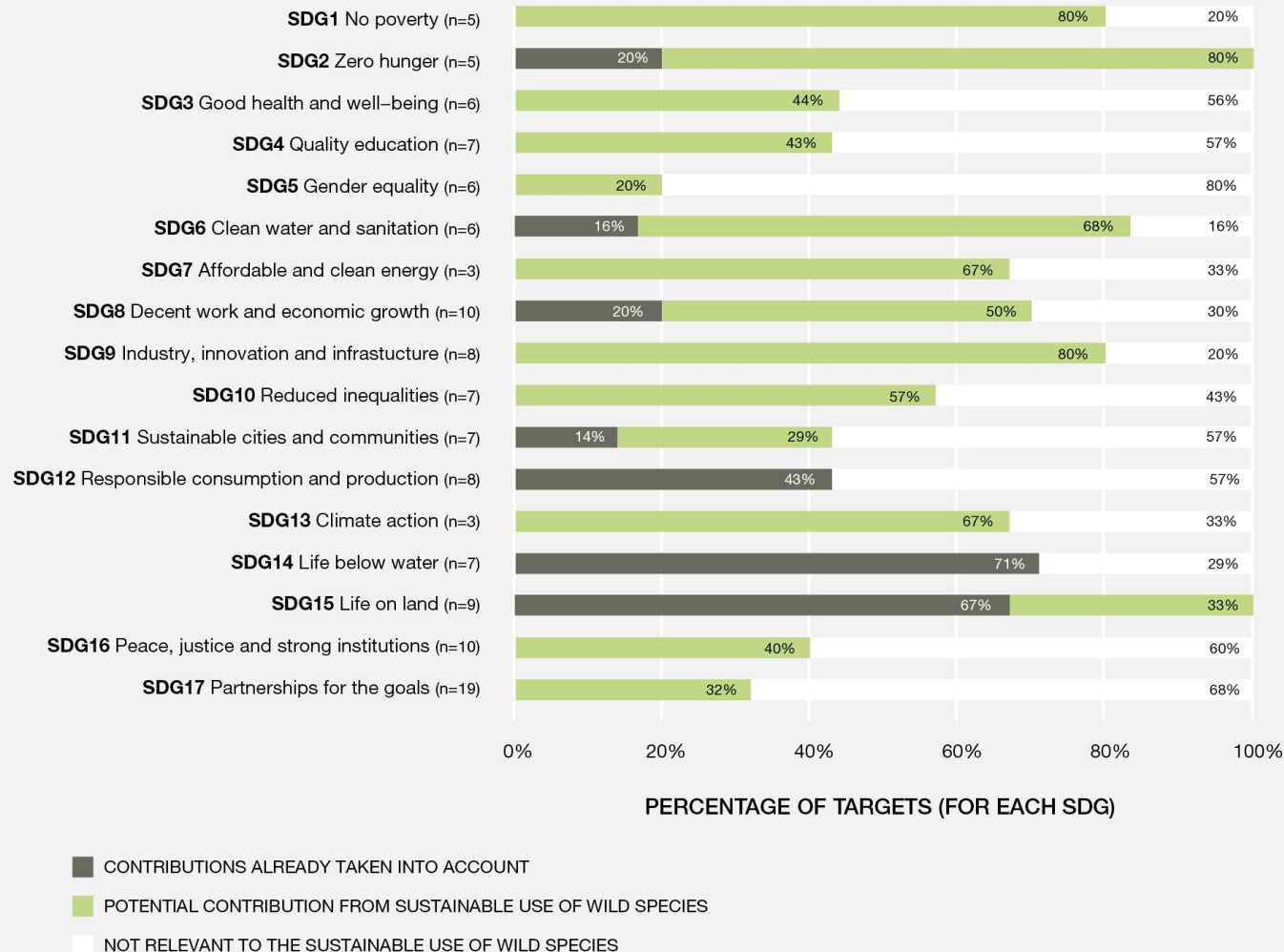
food security & sovereignty

nutrition & health

T 3/4/9/12



Support implementation of the SDGs



T 9/12/14/20/22



Critical to reverse biodiversity decline

Overexploitation is a main threat

Effective management for sustainable use

- Demonstrated local conservation success
- Revenues to support protected areas & restoration

IPLC stewardship of biodiversity

Central to IPLC identity & existence

Grounded in knowledge, practices & worldviews

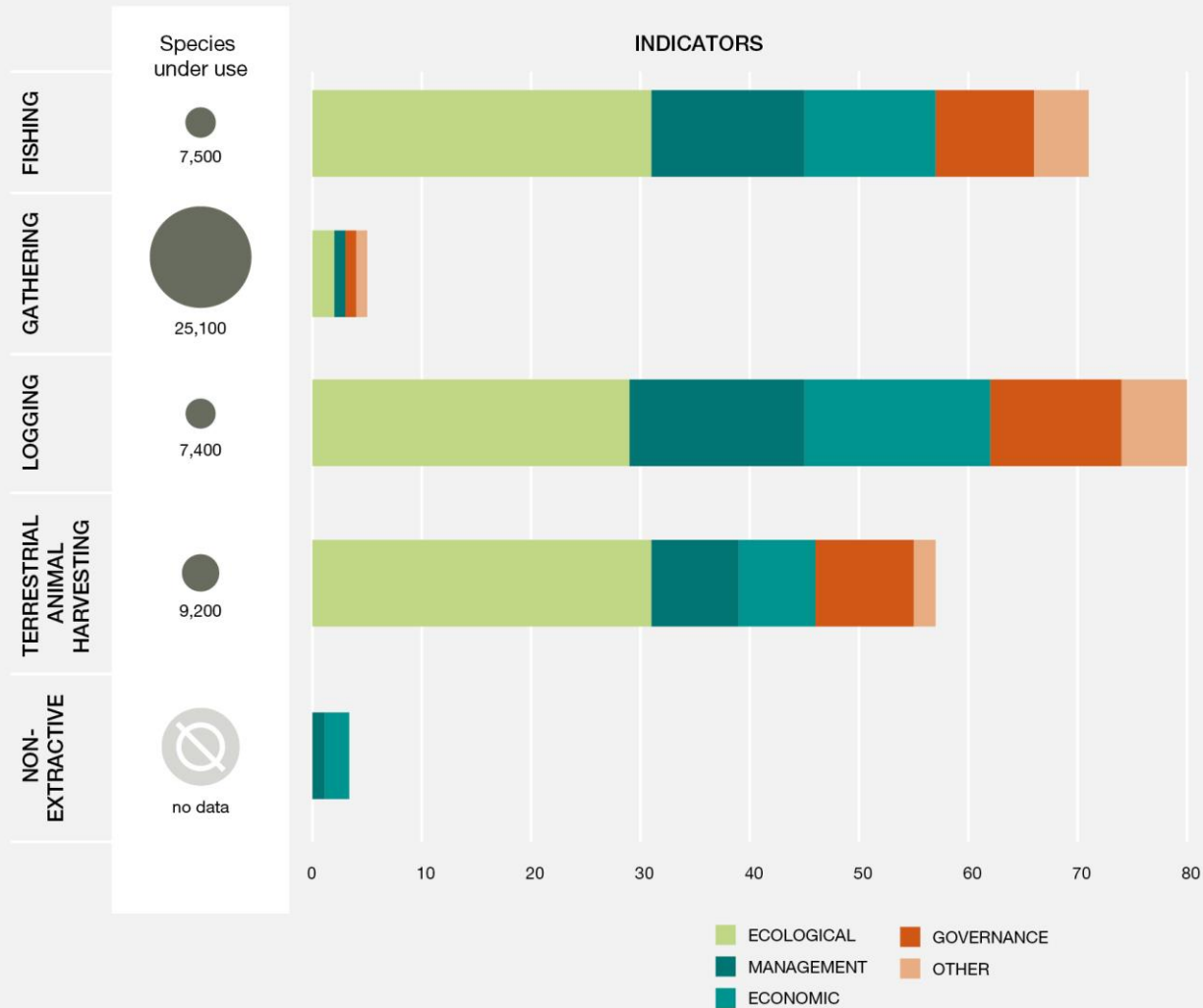
Loss of opportunity =
Existential threat

T 3/5/7/9/14/17/20/21



Status and trends vary depending on types and scales of use & social-ecological contexts.

Indicators are lacking.



Multiple drivers

- **Environmental drivers** such as climate change, pollution and invasive alien species impact the abundance and distribution of wild species
- **Global trade** in wild species is a major driver and has expanded substantially over the past 40 years
- **Illegal harvesting and trade** in wild species involves numerous species and is the **third largest class of illegal trade**
- Lack of attention to **gender** and **equitable distribution of costs and benefits** undermine the sustainability of use
- **Effective governance, institutions, education and public awareness** can promote positive outcomes and mitigate negative impacts

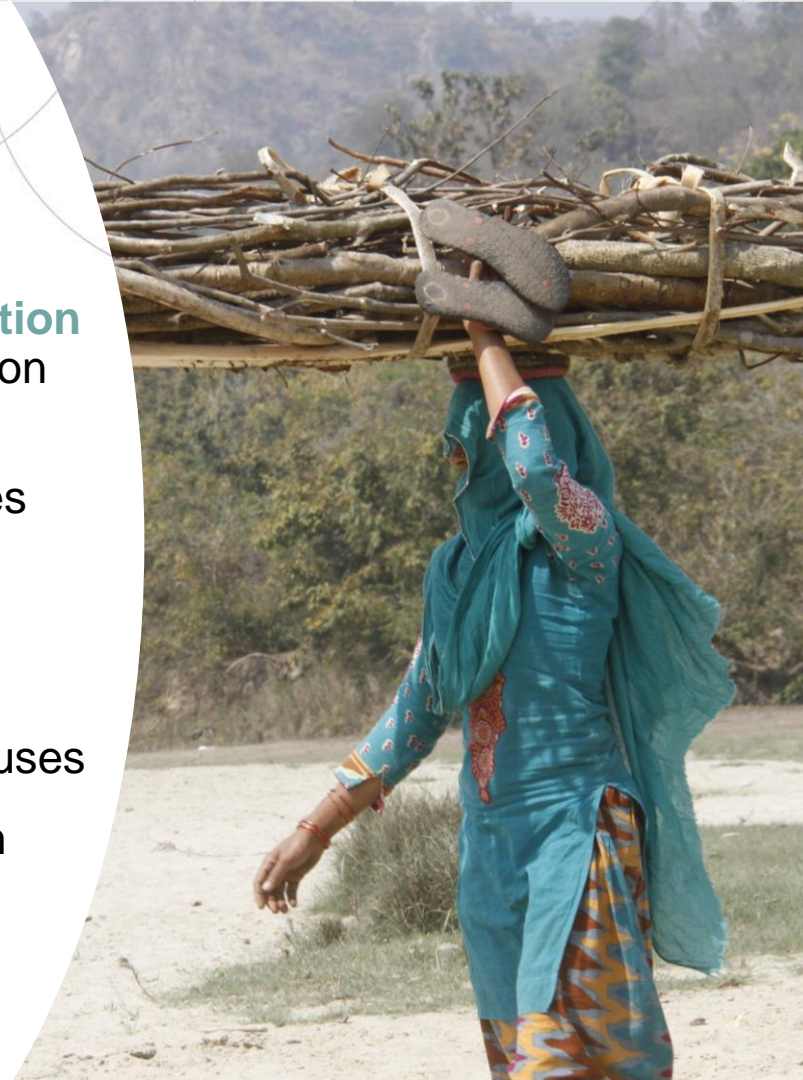


T 4,5,12,14,15,1

Livelihoods, inequities, indigenous people and local communities

- **Environmental degradation and resource depletion** threaten livelihoods, well-being of people who rely on wild species, especially those living in poverty
- **Multiple drivers** threaten IPLC uses of wild species
- **Secure land tenure and resource rights** can contribute to sustainable use
- Sustainable use undermined by **inequitable distribution of costs, benefits** from wild species uses
- **Inequities** in distribution of costs and benefits from common failure to take gender into account

T 1,3,9,21,22





Scenarios and models are few but indicate that...

Climate change will alter many aspects of wild species uses






Increasing **human populations and consumption** will increase pressure on wild species

Technological advances will have negative and positive effects




Transformative change will be needed

T 8/10/15/16

Enabling conditions

Key Elements					
Inclusive and participatory decision-making					
Inclusion of multiple forms of knowledge and recognition of rights					
Equitable distribution of costs and benefits					
Policies tailored to local social and ecological context					
Monitoring of social and ecological conditions and practices					
Coordinated and aligned policies					
Robust institutions, from customary to statutory					

Current Status

-  Legally binding
-  Certification & voluntary
-  Voluntary
-  None

T 14/21/22

Adaptive management

Assess status & trends



Identify drivers of
(un)sustainability



Adapt uses & management



T 1/2/3/4/5/6/7/8/9





Transformative change in human-nature relationships

- Living in harmony with nature
- Respect
- Reciprocity
- Responsibility

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ipbes

Thank you!

¡Gracias!

Merci!

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