

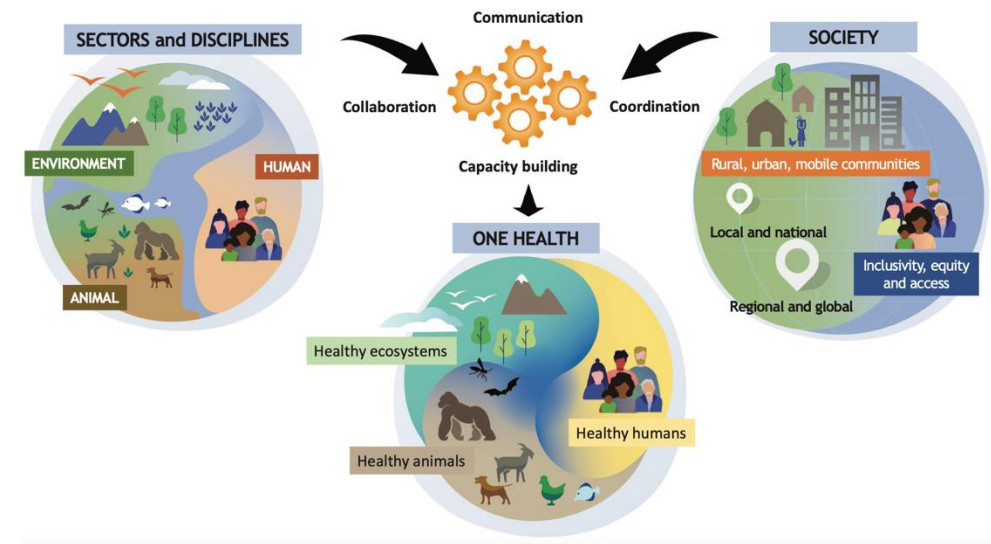
Multi-Sectoral Approaches: Opportunities

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PMAC 2023

Definition

***One Health** is an integrated, unifying approach that aims to sustainably balance and optimize the health of people, animals and ecosystems. It recognizes the health of humans, domestic and wild animals, plants, and the wider environment (including ecosystems) are closely linked and inter-dependent.*

The approach mobilizes multiple sectors, disciplines and communities at varying levels of society to work together to foster well-being and tackle threats to health and ecosystems, while addressing the collective need for clean water, energy and air, safe and nutritious food, taking action on climate change, and contributing to sustainable development.



Food and Agriculture
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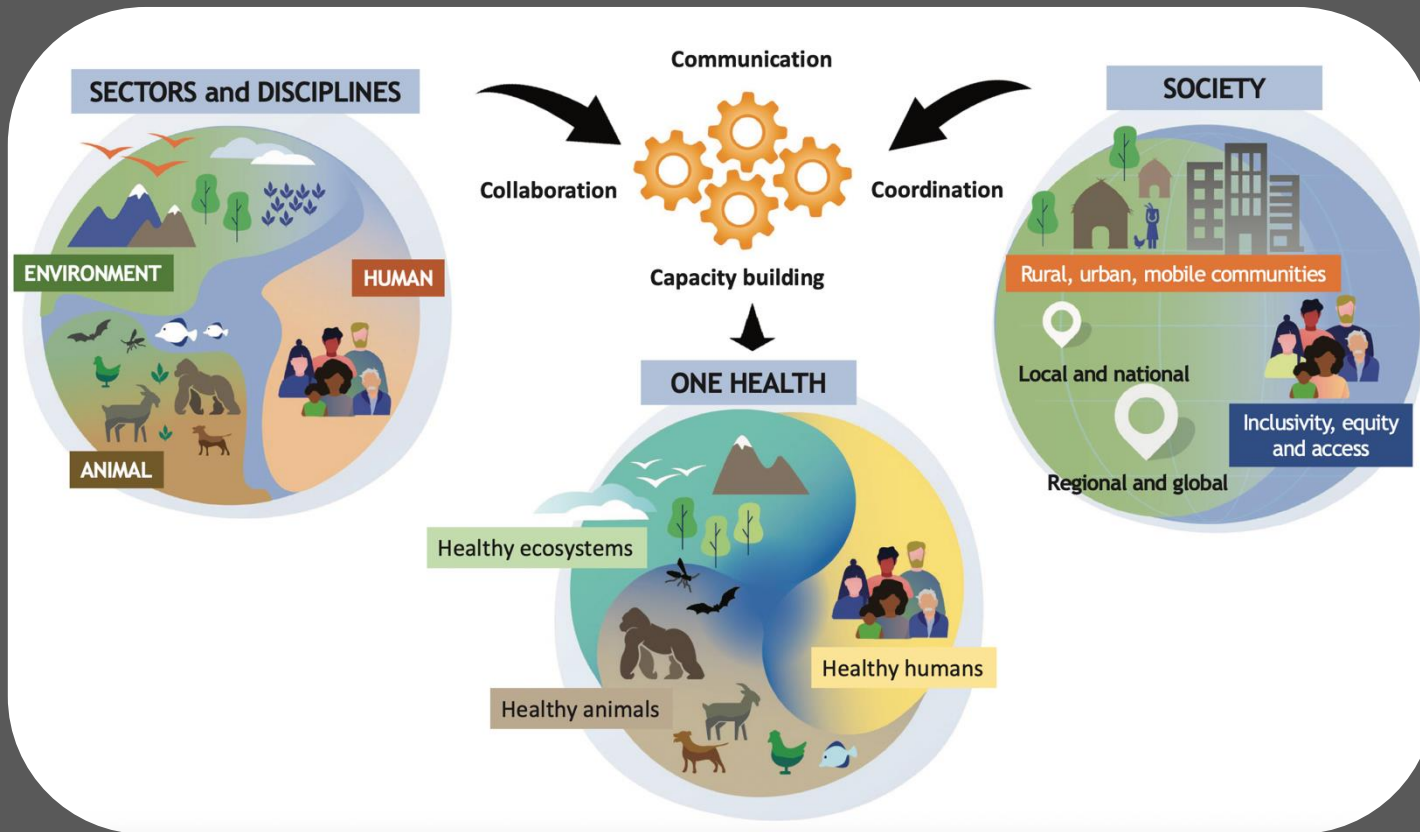


World Health
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World Organisation
for Animal Health
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Balancing Trade-Offs and Co-Benefits



Box 1. OHHLEP One Health Definition Foundational Principles

1. Equity between sectors and disciplines.
2. Sociopolitical and multicultural parity (the doctrine that all people are equal and deserve equal rights and opportunities) and inclusion and engagement of communities and marginalized voices.
3. Socio-ecological equilibrium that seeks a harmonious balance between human—animal-environment interaction and acknowledging the importance of biodiversity, access to sufficient natural space and resources, and the intrinsic value of all living things within the ecosystem.
4. Stewardship and the responsibility of humans to change behaviour and adopt sustainable solutions that recognize the importance of animal welfare and the integrity of the whole ecosystem, thus securing the well-being of current and future generations.
5. Transdisciplinarity and multisectoral collaboration which includes all relevant disciplines, both modern and traditional forms of knowledge and a broad representative array of perspectives.



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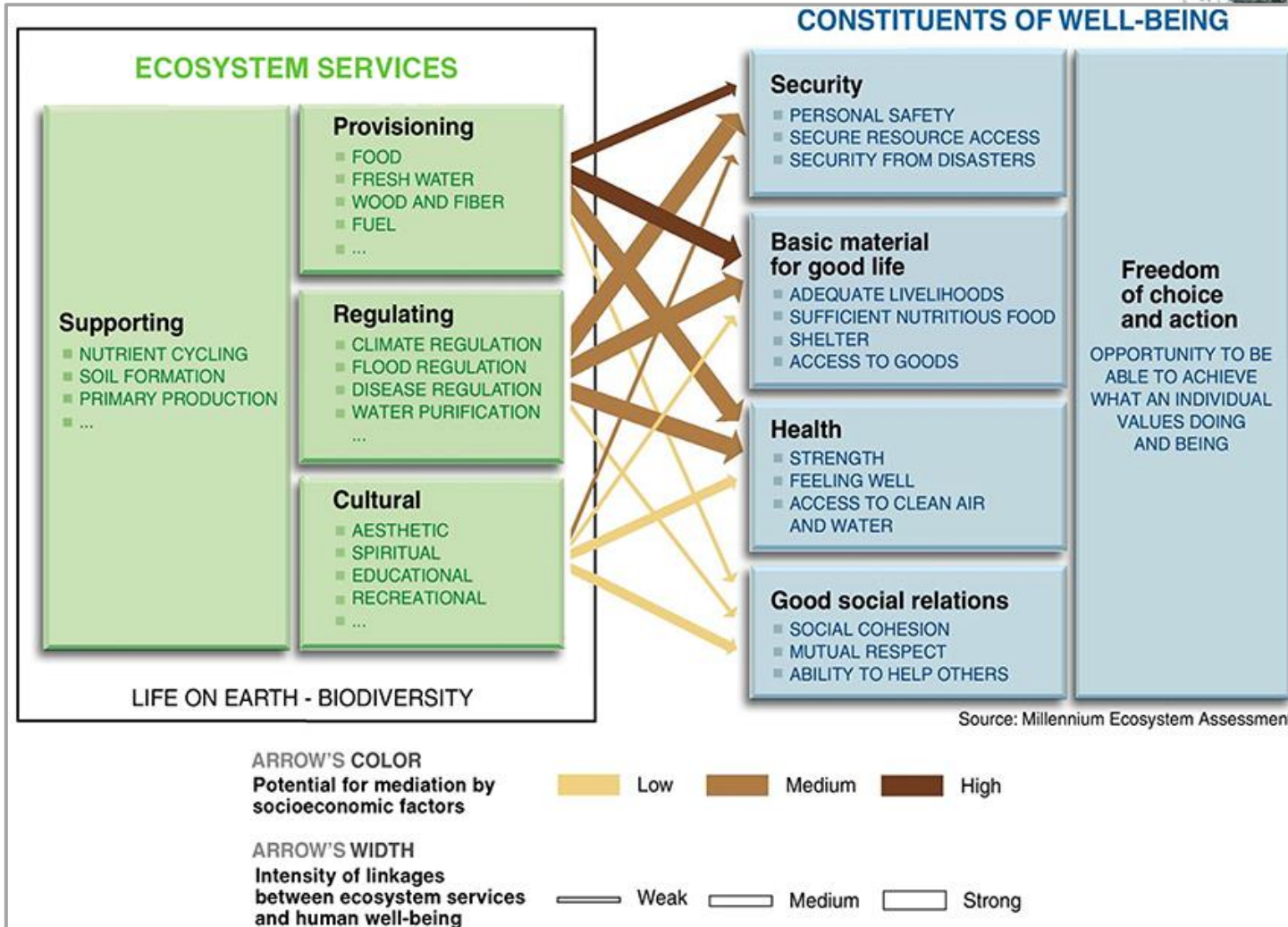


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Health-Benefitting Ecosystem Services



Biodiversity and Health Communication



Living Safely with Bats



Section 1. Bats are an Essential Part of our Ecosystem

Bats also play an important role in keeping us and our ecosystem healthy by pollinating flowering plants. Over 300 species of fruit depend on bats for pollination. These fruits include mangoes, bananas, and guavas.

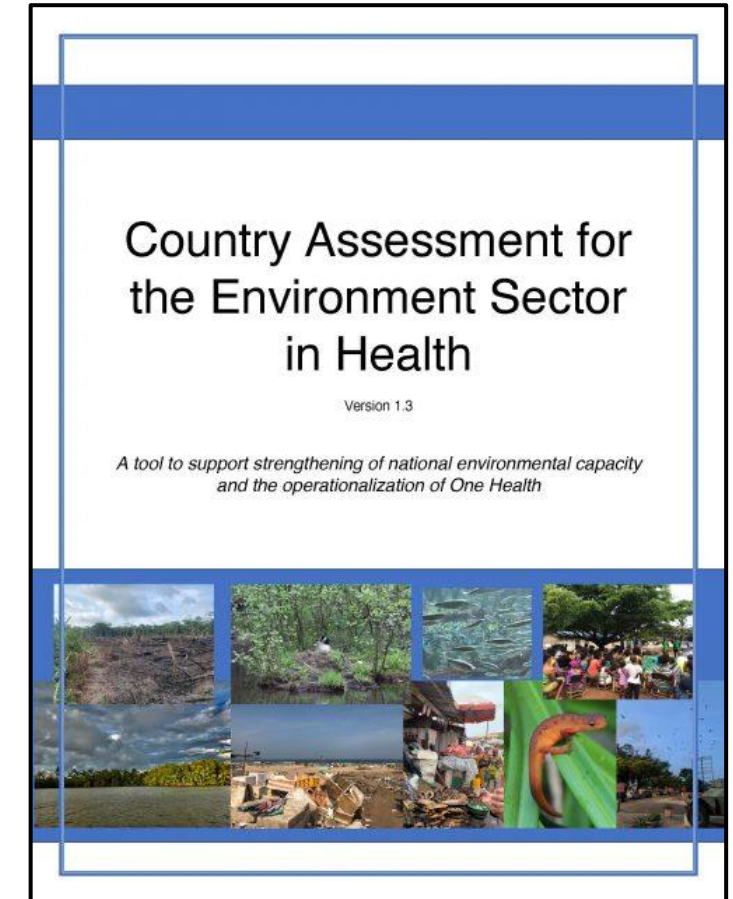
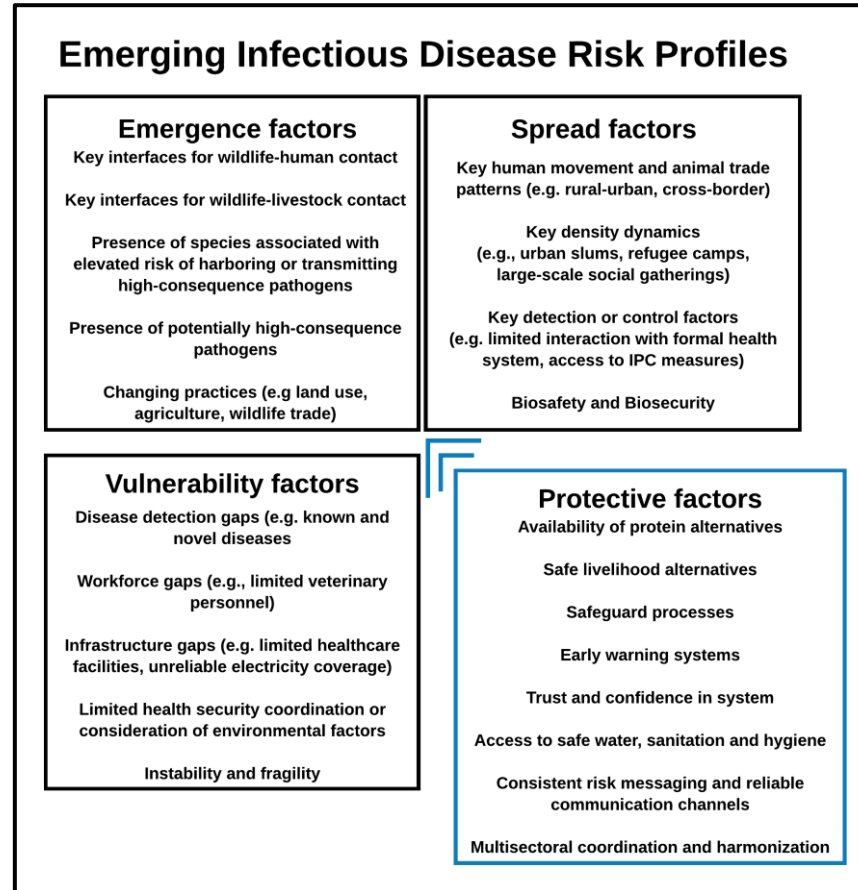
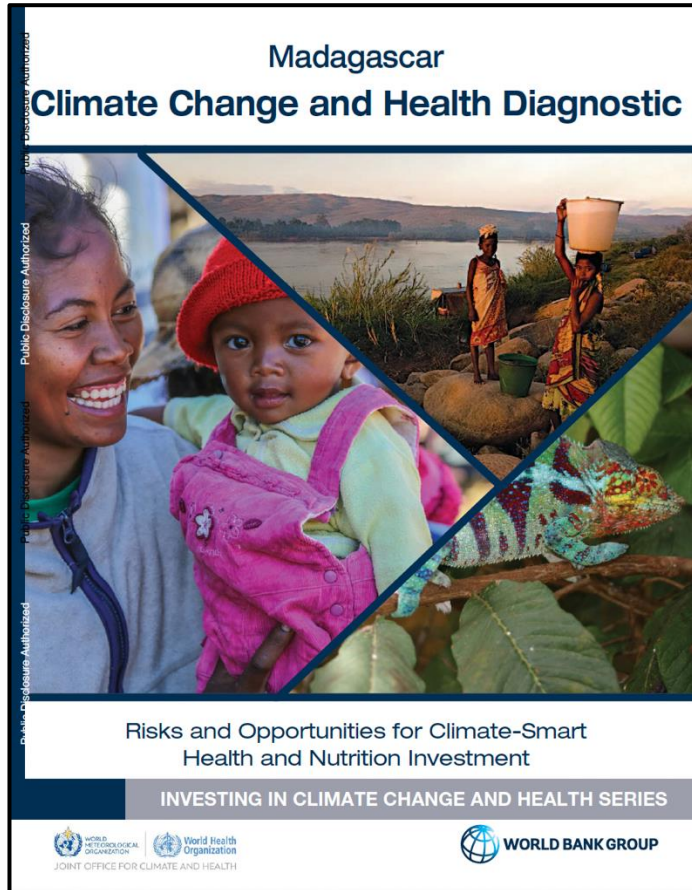


System Components to Reduce Disease Risk from Wildlife



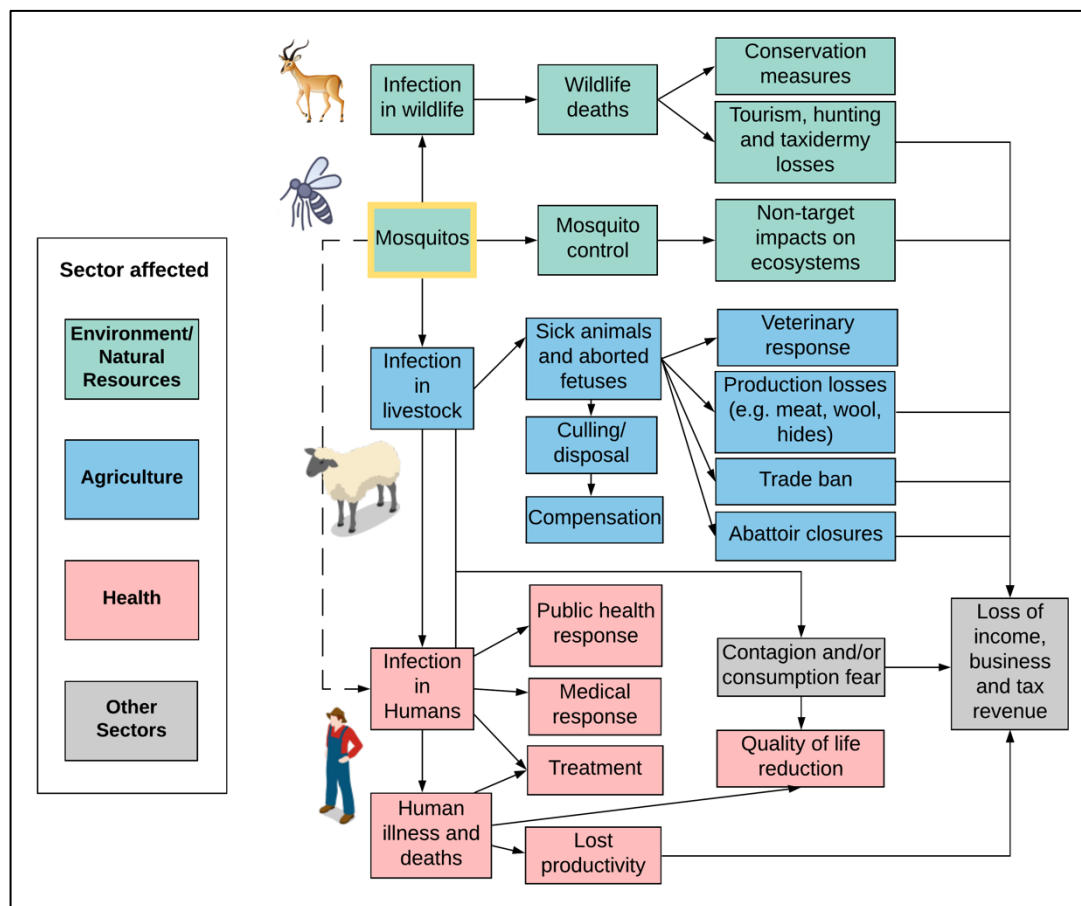
Indicator	Countries showing evidence of indicator*
Policies (such as for livestock or land use development) account for disease risk from wildlife	China, Malaysia (for Nipah virus)
Institutional mandate for managing wildlife disease/pathogen risk	China, Indonesia, Malaysia, Thailand, Viet Nam
Wildlife authority included in national One Health body*	Indonesia, Malaysia, Thailand, Viet Nam
Mechanism for inter-agency coordination if authority for risk management is shared	China, Malaysia, Thailand
Risk analysis process in place for assessing and managing risk at wildlife-domestic animal and wildlife-human interfaces	Viet Nam
Plan/strategy in place for systematic surveillance and risk reduction	Thailand, Viet Nam
Dedicated budget for wildlife disease system	China, India, Malaysia
Wildlife monitoring network	China, Indonesia, the Lao People's Democratic Republic, Malaysia, Thailand
Access to laboratory for testing wildlife specimens	China, India, Indonesia, the Lao People's Democratic Republic, Malaysia, Thailand, Viet Nam
Wildlife disease database	Indonesia
Alert system in place for early warning and response	Indonesia
Pipeline for wildlife veterinary/para-veterinary workforce in non-zoo settings	India, Malaysia, Thailand
Applied field epidemiology training program for wildlife surveillance and investigation	China, Thailand

Improving Use of Tools

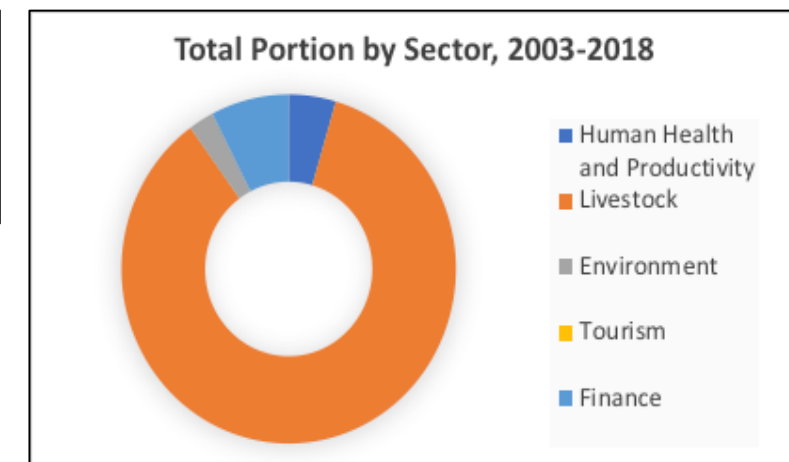


Impacts of Rift Valley Fever

South Africa, 2003-2018



Estimated cost
R 1.76 billion – R 3.27b +
(USD \$120.6m– \$224.4m+)



**Ratio of costs incurred for
prevention : response**

Prevention

≤R 1.6



Response

R 10.4



Impact assessment



Safeguards

One Health to Tackle Multiple Threats:

Liberia Conservation Works

Strategic Objectives:

Increase Area Under Improved Conservation Status

Protection and Management of Target Areas

Prosperity and Prospects for Communities Living around Target Areas

Sustainable Economic Growth Through Conservation-Compatible Investment



Integration of Protected and Conserved Areas within One Health Policy, Planning, and Prioritization



EcoHealth
Alliance









Healthy people and wildlife through nature protection


Guidelines for prevention, detection, response, and recovery from disease risks in and around protected and conserved areas







Green List
Protected | Conserved Areas

With the support of





Federal Ministry
for the Environment, Nature Conservation,
Nuclear Safety and Consumer Protection



One Health principles for sustainable tourism in protected and conserved areas


Accompanying principles to the guidelines for prevention, detection, response and recovery from disease risks in and around protected and conserved areas






Green List
Protected | Conserved Areas


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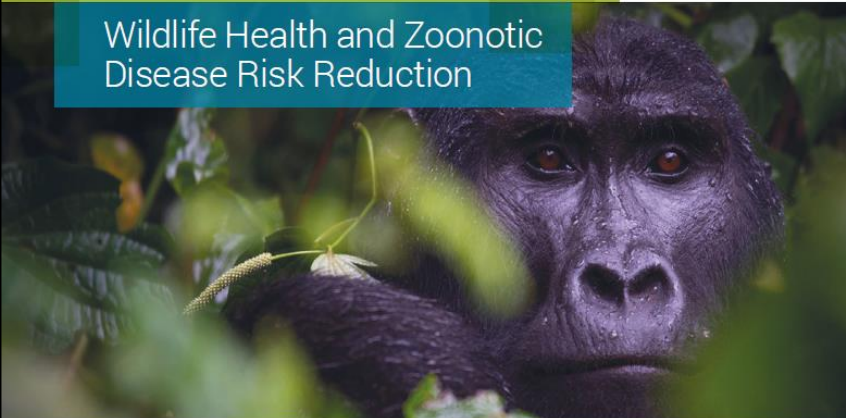
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SOLUTIONS FOR A HEALTHY PLANET


SOLUTIONS IN FOCUS:

Wildlife Health and Zoonotic Disease Risk Reduction








With the support of



Federal Ministry
for the Environment, Nature Conservation,
Nuclear Safety and Consumer Protection



Green List
Protected | Conserved Areas

One Health Principles for Sustainable Tourism

1

Promote and protect the health of humans and other species

4

Empower visitors to be good stewards of their health and the health of the local communities and ecosystems they visit

2

Proactively manage health threats in ways that minimize degradation of ecosystems or produce co-benefits for nature

5

Ensure the equitable sharing of knowledge and benefits from tourism-based research and surveillance

3

Take into account context when designing or adapting disease risk reduction and resilience approaches

6

Coordinate and collaborate across sectors to support prevention, detection, response, and recovery from disease threats



Sustainable Tourism and Protected Areas in a Post-COVID World



giz Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH



Thank you!

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EcoHealthAlliance.org

