

WOAH Support on Rabies Elimination

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Africa Regional Seminar on Rabies
Gaborone, Botswana
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World
Organisation
for Animal
Health

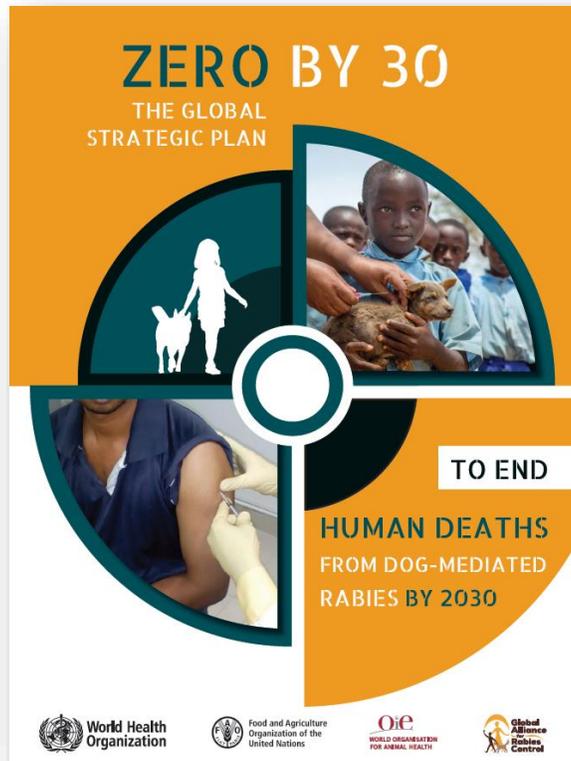
Organisation
mondiale
de la santé
animale

Organización
Mundial
de Sanidad
Animal



Zero by 30

1. Zero by 30: the Global Strategic Plan to end human deaths from dog-mediated rabies by 2030
2. Established global goal and common plan
3. **Country-centric, One Health approach**



OBJECTIVE 1
to effectively use
vaccines, medicines,
tools, and
technologies

**Reduce human
rabies risk**

OBJECTIVE 2
to generate,
innovate and
measure impact

**Provide guidance
and data**

OBJECTIVE 3
to sustain
commitment
and resources

**Harness multi-
stakeholder
engagement**



- ❖ Established September 2020 to implement ‘Zero by 30’
- ❖ An inclusive network of stakeholders from a range of sectors
 - 55+ organisations
 - Includes veterinary health, human health sectors, economists, communication experts
 - International organisations, regional networks, government ministries, NGO’s, academia, research institutions, pharmaceutical companies
- ❖ Common vision for achieving **zero human deaths from dog-mediated rabies by 2030**
- ❖ Steering Group and action-focused Working Groups
- ❖ 2023 → reviewing structure and mode of operation to better engage countries, and meet the needs of rabies endemic countries



Engagement with rabies community



United Against Rabies

Search Site

Contact Get Involved

Rabies – The Global Challenge Rabies Roadmap and Resources Events and Courses News and Case Studies About

We are United Against Rabies.

1 every 9 minutes
1 person dies from rabies every 9 minutes and almost half of them are children.

99%
Up to 99% of human rabies infections are caused by a bite from a rabid dog.

100% preventable
We have effective dog vaccines and vaccines to treat people who are bitten.

🔗 www.unitedagainstrabies.org

- Access tools and resources
- Sign up to United Against Rabies mailing list
- Apply for Forum membership

🔗 United Against Rabies Forum social media

🔗 Webinars

- October 2022: Dog population management
- February 2023: Surveillance
- May 2023: Oral Rabies Vaccination
- June 2023: Mass dog vaccination

🔗 Newsletters to highlight upcoming events and key outputs

Together, we can end all human deaths from dog-mediated rabies by 2030.

Supported by FAO, WOA and WHO (the Tripartite), the United Against Rabies Forum takes a multi-sectoral, One Health approach bringing together governments, vaccine producers, researchers, NGOs and development partners.

Join us

Tools and resources

Rabies – The Global Challenge

Rabies Roadmap and Resources

Events and Courses



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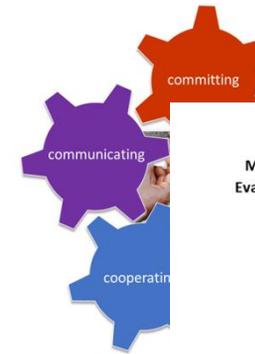
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A generic template for developing a national strategic plan to eliminate dog-mediated rabies



Minimum Data Elements for Monitoring and Evaluation of National and International Rabies Control Programs

Developed by United Against Rabies, Working Group 1
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 Ryan Wallace, United States

Landscaping of Resource Partners for Rabies in [Country] – Template
 Version 1, September 2022



Photo credit: © WCAH

The World Health Organization (WHO), World Organisation for Animal Health (OIE) and the Global Alliance for Rabies Control support countries in the elimination of dog-mediated rabies by 2030 or 2035.



Rabies – The Global Challenge

Rabies Roadmap and Resources

Events and Courses



The Rabies Roadmap

Resources

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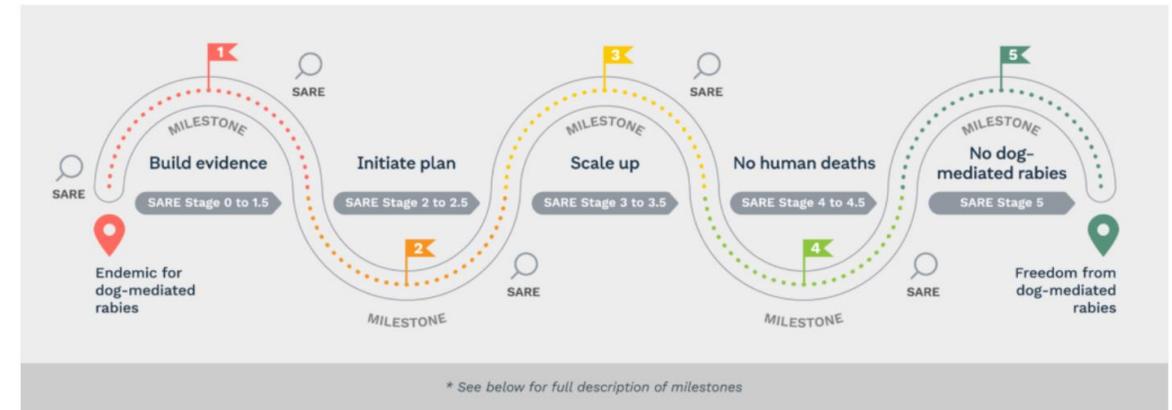
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The Rabies Roadmap



- ✦ Aligns with WHO and WOAHP milestones, and SARE scores
- ✦ Links countries to specific tools and resources to help progress national control programme



WOAH International Standards

1. Terrestrial Animal Health Code

- **Chapter 1.1** provides guidance on notification
- **Chapter 5.11** provides model veterinary certificate for international movement of dogs, cats and ferrets originating from rabies free countries
- **Chapter 7.7** provides guidance on management of free-roaming dogs and responsible dog ownership
- **Chapter 8.14** includes case definitions, guidance on recognition of rabies free countries or zones, surveillance recommendations, endorsement of official control programmes for dog-mediated rabies

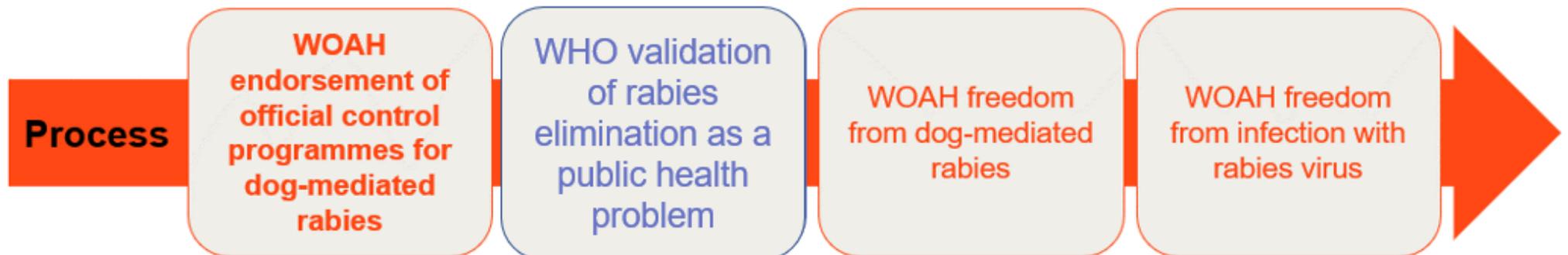
2. Manual of Diagnostic Tests and Vaccines for Terrestrial Animals

- **Chapter 3.1.18** outlines diagnostic techniques for identification of rabies, guidance on sample collection and shipping, vaccine production requirements



Endorsement of official control programmes for dog-mediated rabies

1. National Strategic Plan
 - Framework with targets and measurable deliverables
 - Testifies government commitment to *Zero by 30*
 - Template now available from United Against Rabies Forum
2. Endorsement an important milestone in rabies elimination → paves the way to self-declare freedom from dog-mediated rabies
www.woah.org/official-disease-status
3. Improved access to international and national resources and expertise
4. Links to the United Against Rabies Forum Roadmap





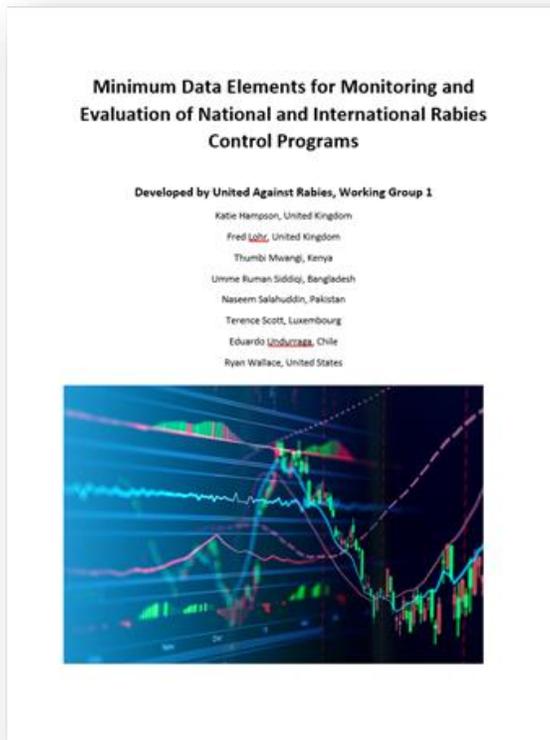
WOAH Rabies Vaccine Bank



1. Facilitates **rapid** access to **high-quality dog vaccines** to help countries implement dog vaccination campaigns
2. Pre-established low, fixed price
3. Catalyst for countries to design and implement national rabies elimination strategies
4. Countries must show strong political will and plan for implementing rabies control
5. Request must be submitted to WOAH via the Chief Veterinary Officer

Surveillance and data collection

1. Improve laboratory and diagnostic capacity
2. Reporting data: Field → National → International (WHO GHO, WOAH WAHIS)
3. Minimum Data Elements document available to support this



ANIMAL RABIES (5 data elements)

Instructions: Monitoring animal rabies cases is a key programmatic indicator for understanding the epidemiology of rabies, risks to the public, and measuring the impact of interventions such as dog vaccination. These data elements should be systematically collected throughout the year and submitted to the WHO GHO and OIE WAHIS annually. These data elements should be used as part of a monitoring and evaluation plan, with evidence-based policies developed to improve health outcomes based on barriers identified through routine monitoring of animal rabies cases.

Element Name	Description	Response Options	References	Monitoring and Evaluation Framework
Dogs	The number of suspected ⁷ rabies cases in dogs investigated ⁴ during the calendar year *	<ul style="list-style-type: none"> - Laboratory Confirmed (#)⁵ - Clinically Confirmed - Probable (#)⁶ - Suspected Case (#)⁷ - Laboratory - Negative (#) - Passed Quarantine – Negative (#) 	Section 9.1	<ul style="list-style-type: none"> - Dog-mediated rabies burden - Dog-mediated rabies case-detection rate - Laboratory testing rate - Dog-mediated rabies freedom - Trend analysis
Livestock	The number of suspected ⁷ rabies cases in livestock investigated ⁴ during the calendar year *	<ul style="list-style-type: none"> - Laboratory Confirmed (#)⁵ - Clinically Confirmed - Probable (#)⁶ - Suspected Case (#)⁷ - Laboratory - Negative (#) 	Section 9.1	<ul style="list-style-type: none"> - Laboratory testing rate - Trend analysis - Economic impact
Bats	The number of suspected ⁷ rabies cases in bats tested during the calendar year *	<ul style="list-style-type: none"> - Laboratory Confirmed (#)⁵ - Laboratory - Negative (#) 		<ul style="list-style-type: none"> - Laboratory testing rate - Trend analysis
Other Species	The number of suspected ⁷ rabies cases in other species tested during the calendar year *	<ul style="list-style-type: none"> - Laboratory Confirmed (#)⁵ - Laboratory - Negative (#) 		<ul style="list-style-type: none"> - Laboratory testing rate - Trend analysis
Rabies Virus Variant	The number of confirmed ² animal rabies cases (laboratory confirmed) by the rabies virus variant *	<ul style="list-style-type: none"> - Canine (#) - Bat (#) - Terrestrial carnivore (#) - Other (#) - Unknown (#) 	Table 14.1	<ul style="list-style-type: none"> - Dog Rabies Freedom - Terrestrial Rabies Freedom - Rabies Freedom

* Optional reporting stratification: sub-national data can be submitted to support claims of rabies-free zones

Africa CDC One Health Framework - Recommended program indicators:

- » Minimum of 50% of suspected reported dogs are investigated by veterinary professional to determine case status of the animal.
- » Minimum of 90% of probable rabies cases (where a sample is available) are tested and results reported to health officials.



WOAH Reference Laboratory for Rabies

1. Support surveillance and diagnosis
2. Technical in-country support
3. National and regional training
4. Twinning programmes to improve laboratory capacity:
 - South Africa and Ethiopia
 - UK and Sierra Leone
 - Germany and Namibia
 - France and Chinese Taipei
 - France and Tunisia



Key points



1. Reliable rabies data is needed to inform decision-making
2. A robust national strategic plan is an important milestone towards achieving Zero by 30
3. Coordinated, collective effort from all stakeholders is essential to achieving our global goal
4. The control and elimination of human deaths from dog-mediated rabies is **achievable → and together we can reach Zero by 30**

Thank you!

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