Rabies control as a model for One Health

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RABIES: THE FACTS



VIRUS TRANSMISSION





The virus attacks the brain Rabies is **fata** once symptoms appear

FATALITIES Rabies affects poor rural communities



About One death everv



of the victimes are children younger than 15

TREATMENT



Thorough washing of the wound with soap, and, vaccine injections can avoid symptoms and save lives.

Seek immediate medical care if bitten.

HOW TO PREVENT RABIES TRANSMISSION FROM DOGS?

Raise public awareness



VACCINATING DOGS SAVES HUMAN LIVES

Rabies is 100% preventable



Vaccinating 70% of dogs breaks rabies transmission cycle in an area at risk

Every dog owner is concerned

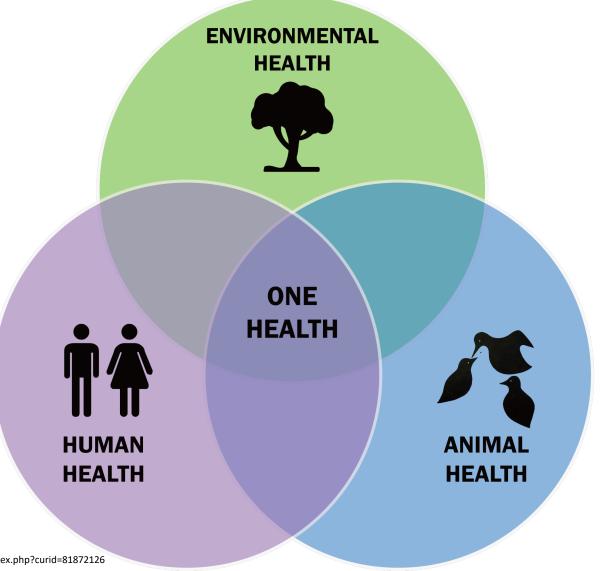
28 September

• World Rabies Day •

#rabies



What makes rabies an excellent example of demonstrating One Health in action?





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Surveillance

Climate change

ENVIRONMENTAL HEALTH



Geographic barriers

Education

Dog population

PEP and **PrEP**

HUMAN

HEALTH

ONE **HEALTH**



ANIMAL HEALTH

Dog vaccination

Bite prevention

Livestock

Responsible dog

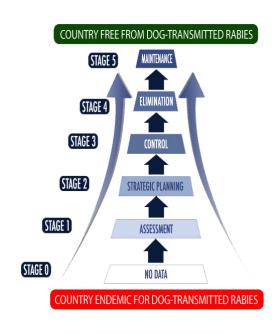
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ownership



How do we encourage stakeholders to operationalize One Health for rabies?

Tools and Resources







Stepwise Approach towards Rabies Elimination (SARE) tool:

Developing a One Health national rabies elimination strategy

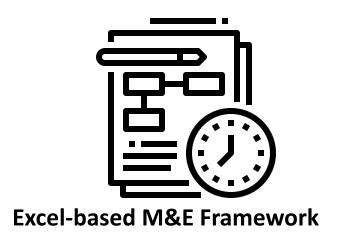
Rabies Epidemiological Bulletin:

One Health data collection, analysis and sharing

GARC Education Platform:

Education and training courses

Stepwise Approach towards Rabies Elimination







Provides practical guidance on how to start or expand all the rabies control activities that are needed to control and eliminate dog-mediated rabies.

Provides a foundation for the development of a clear, well-constructed rabies elimination work plan.

Stepwise Approach towards Rabies Elimination

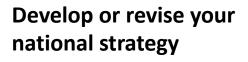




Stepwise Approach towards Rabies Elimination

The SARE will help you to:







Develop a medium-term workplan



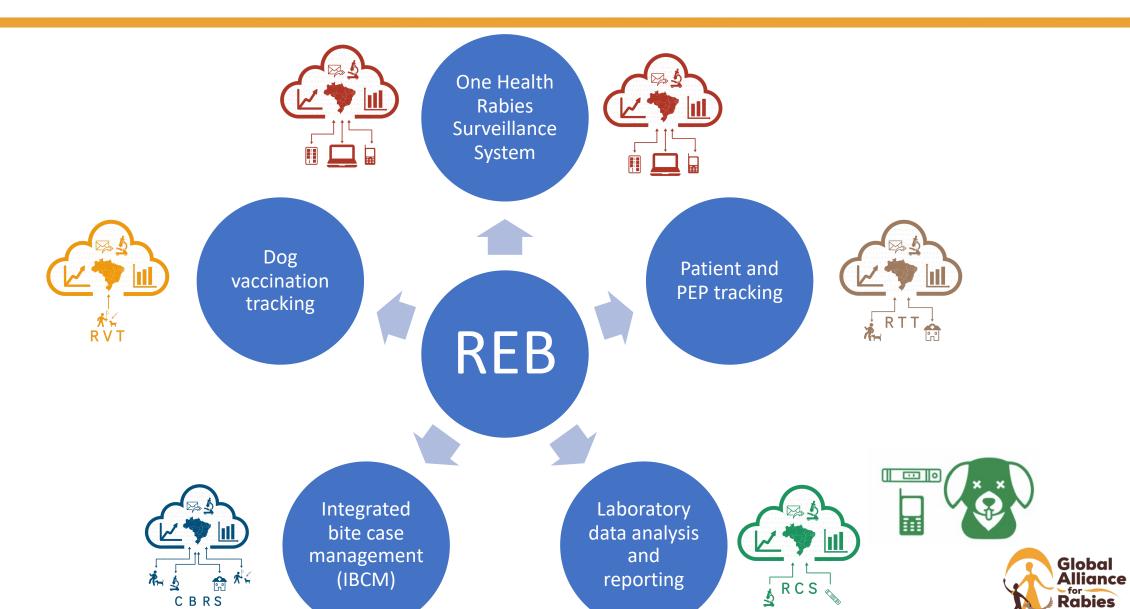
Demonstrate progress



Highlight successes



Components of a rabies surveillance platform



The Rabies Epidemiological Bulletin (REB)

 Web-based rabies surveillance system.

- Designed for countries to help improve their:
 - surveillance,
 - data collection, and
 - analysis.





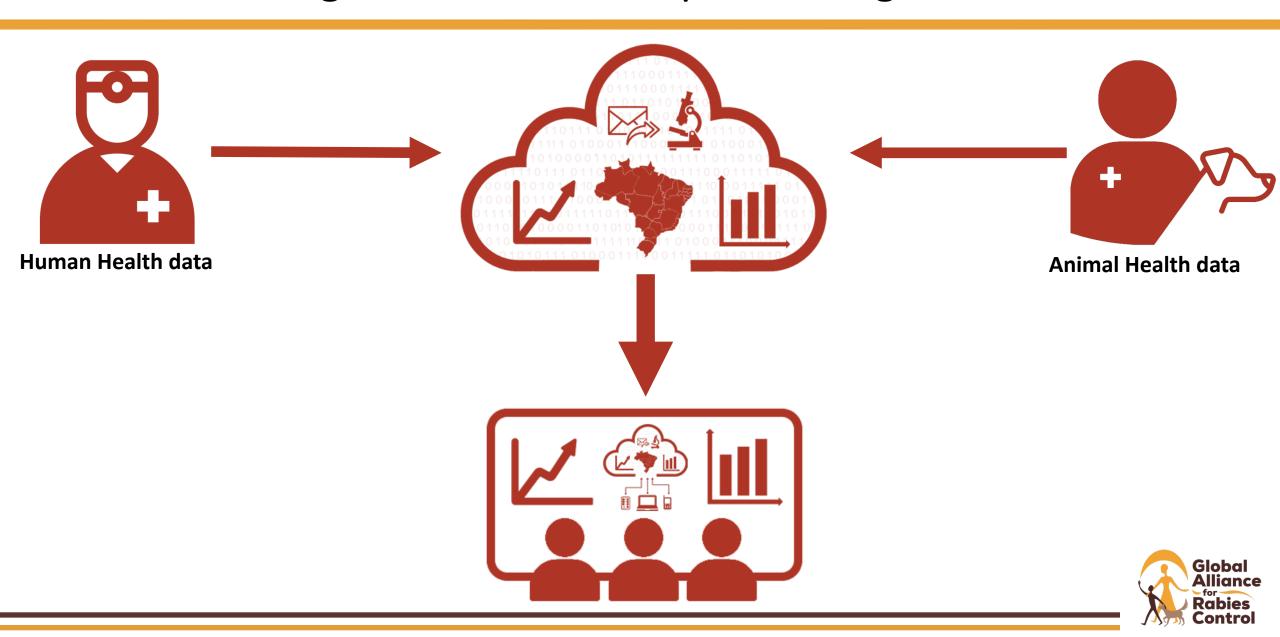
The Rabies Epidemiological Bulletin

- **✓ Comprehensive** rabies surveillance system.
- ✓ Integrated, intersectoral data sharing.
- ✓ Facilitates accurate data reporting.
- ✓ Dedicated, One Health, rabies surveillance system:
 - ✓ Data collection, analysis and reporting
 - ✓ Feedback mechanisms
 - ✓ Animal and Human rabies surveillance

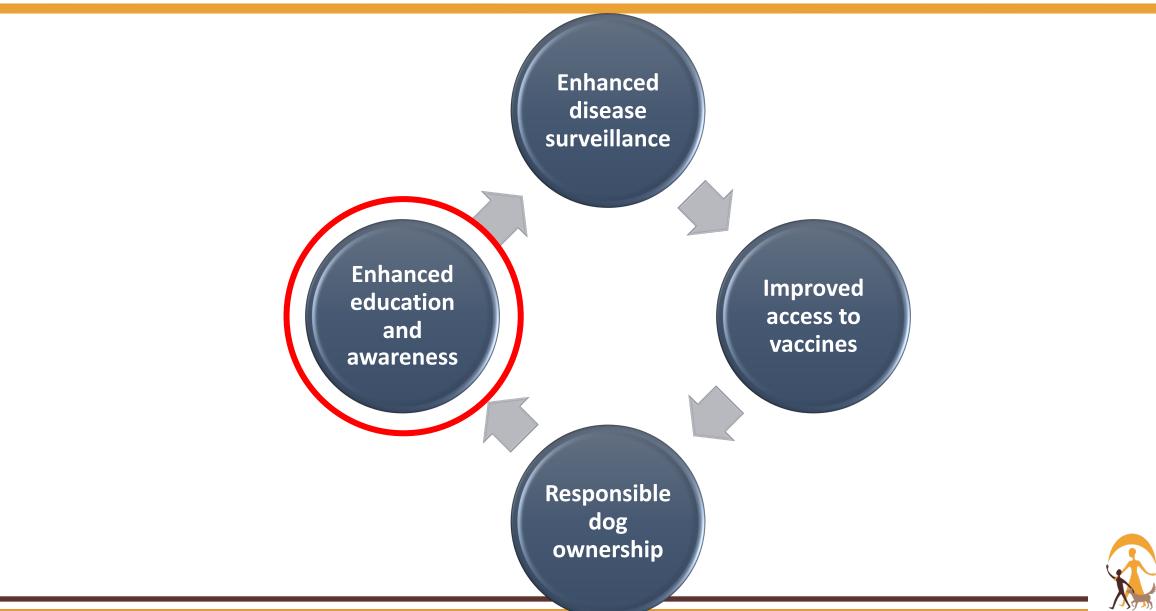




Advantages of the Rabies Epidemiological Bulletin



Workstreams that impact rabies elimination





Impact of improved education and enhanced awareness







Increased PEP compliance





GARC Education Platform

- **Education** website with four courses that can be taken for **free**.
 - Courses for the general population and skilled professionals.

 Passing a course results in a certificate of achievement.





5 essential courses from the Global Alliance for Rabies Control All sectors **REC AVC** RHC CCC **DWC** Animal health Human health Community Community members members sector sector & Stakeholders Profession-specific courses



Thank you

For more information or to access any resources please visit https://rabiesalliance.org/

