

GLOBAL ALLIANCE FOR RABIES CONTROL

www.rabiesalliance.org Supporting Global Rabies Elimination

Prof Louis Nel Executive Director, GARC and University of Pretoria Nairobi 8 February 2017





How big is the problem?

The absence of a figure is the absence of value

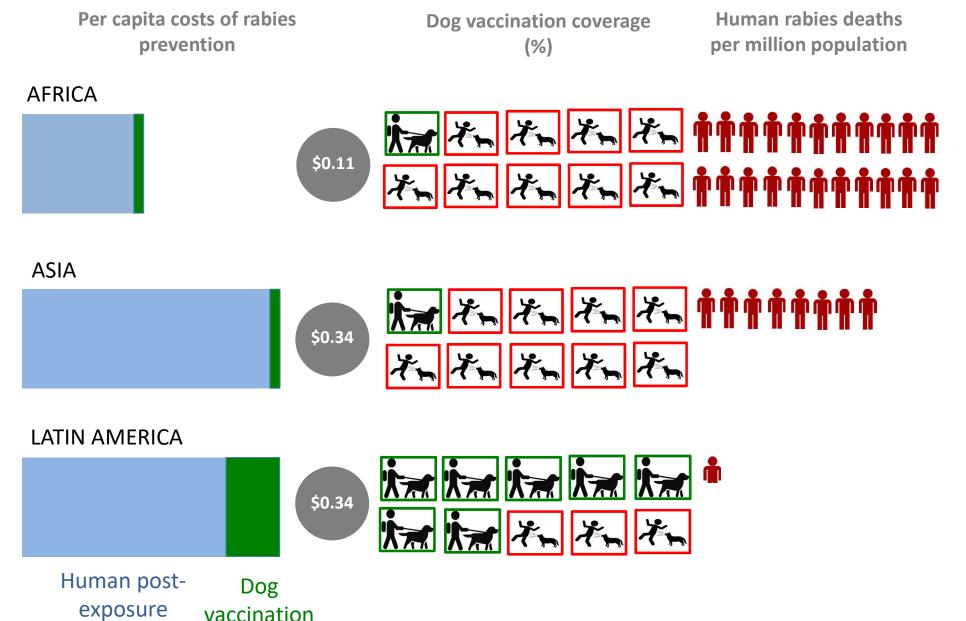
PLOS | NEGLECTED TROPICAL DISEASES

RESEARCH ARTICLE

Estimating the Global Burden of Endemic Canine Rabies

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Globally: 59,000 deaths, 3.7 million DALYs, \$8.6 billion USD in losses every year



prophylaxis

vaccination

Rabies:

Most Fatal Disease
 Completely Preventable
 Why Neglected?

Veterinary neglect of free roaming dogs. Who is responsible?1. Dogs not economically vital2. Public health impact not appreciated

Underreporting:

Laboratory

diagnosis nonexistent and

misdiagnosis

common

Global health agenda: Dog rabies in developing world

Less newsworthy than novel strains of influenza or coronaviruses etc.

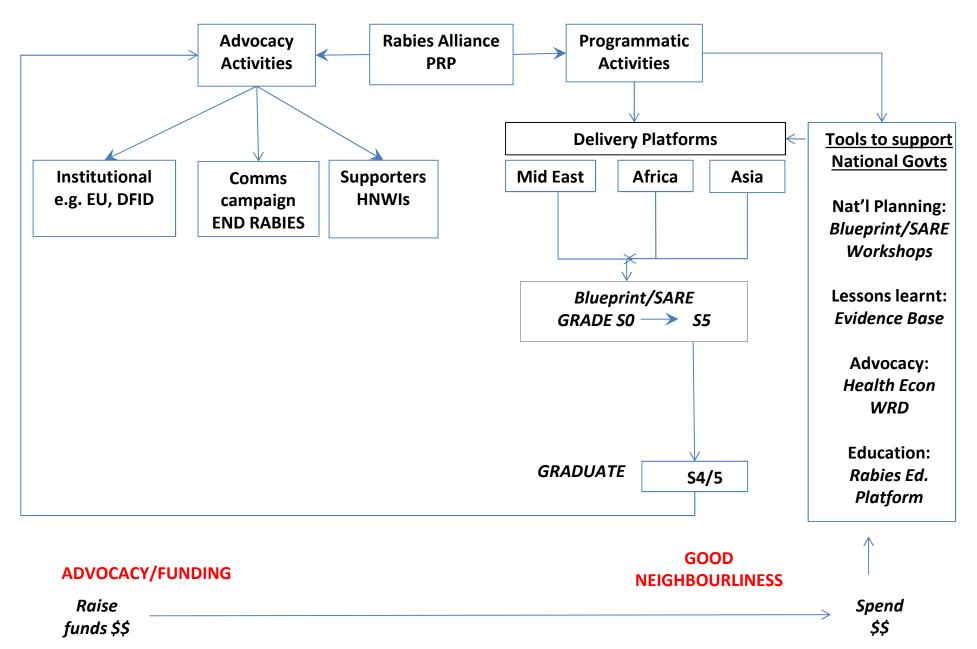
Rural communities: -Poverty -Remote location -Poor infrastructure -Negligible health care

GNORE

Landscape analysis 2014

- Lack of awareness in broader health community of progress
- Need to focus on

 –coordination,
 –public awareness building and
 –championing rabies work
- Reach outside the rabies community



Global Campaign for Rabies Elimination

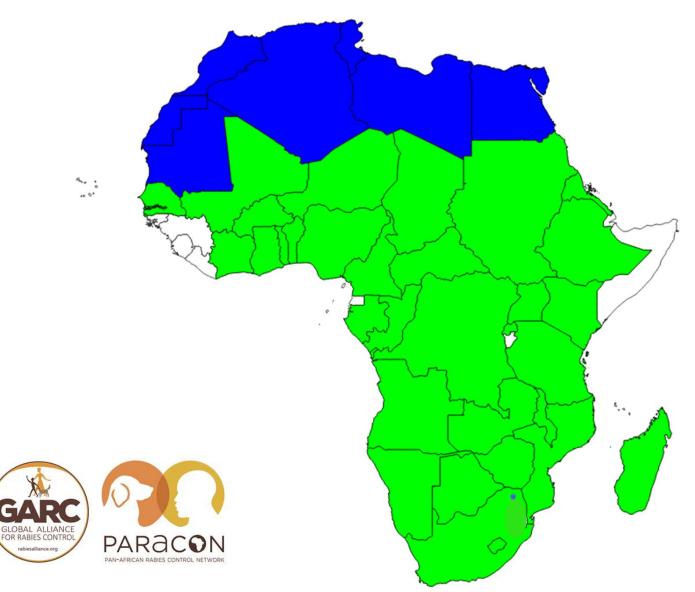
Pan African Rabies Control Network



ABOUT US

https://paracon.rabiesalliance.org

Pan African Rabies Control Network

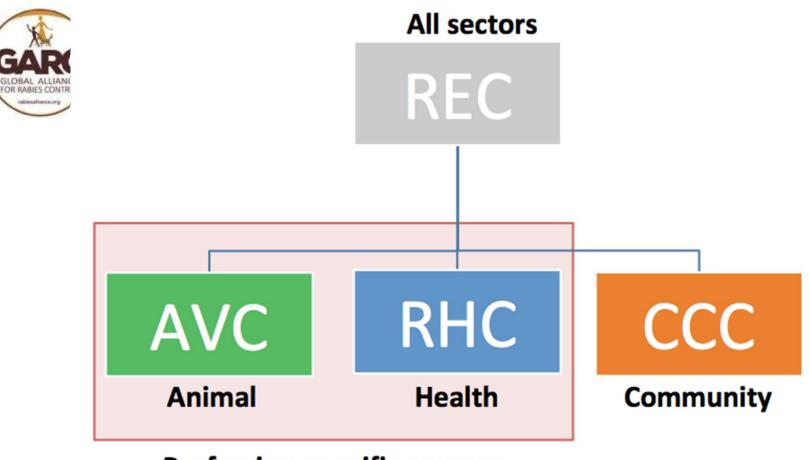


WRD2016: Educate, Vaccinate, Eliminate



rabiesalliance.org/world-rabies-day/events/report-event

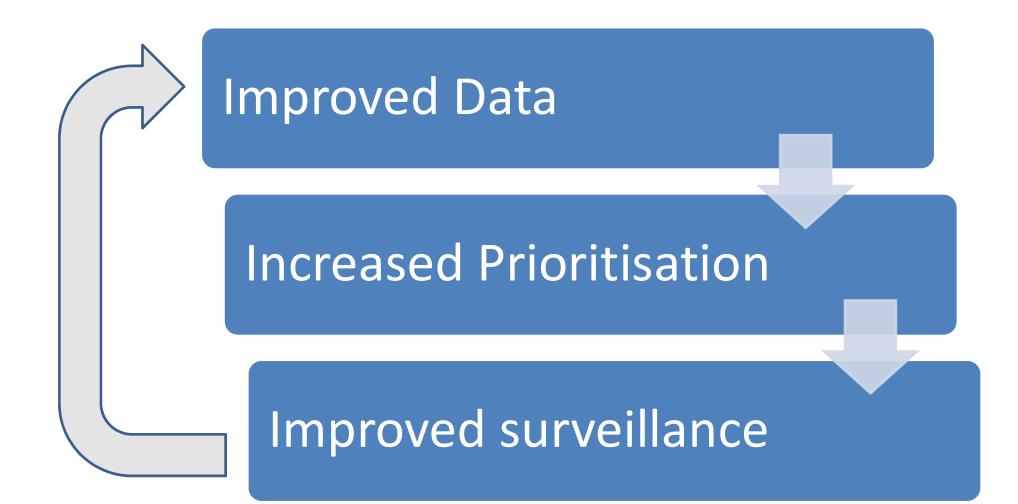




Profession-specific courses

Global Alliance Rabies Educator Certificate (REC) Animal Handling and Vaccination Certificate (AVC) Rabies Healthcare Certificate(RHC) Community Coordinator for Rabies Certificate(CCC)

How data breaks the cycle



CanineRabiesBlueprint.org

caninerabiesblueprint.org

a blueprint for the control of rabies in dog populations



ELIMINATE CANINE RABIES

Introduction

Roles and Responsibilities

Infrastructure, legislative framework, costs and funding

Communications plan

Operational activities

The Stepwise Approach towards Rabies Elimination: a tool for planning and evaluation

LINKS

Case studies

Documents

CONTRIBUTORS

→ All the contributors

WELCOME

The Blueprint for Canine Rabies Prevention and Control has been developed by global rabies experts to serve as a guide for countries that would like to prevent human rabies by eliminating canine rabies within their borders.

VERSION 3 - UPDATED AND EXPANDED - IS NOW COMPLETED. GARC, September 2014

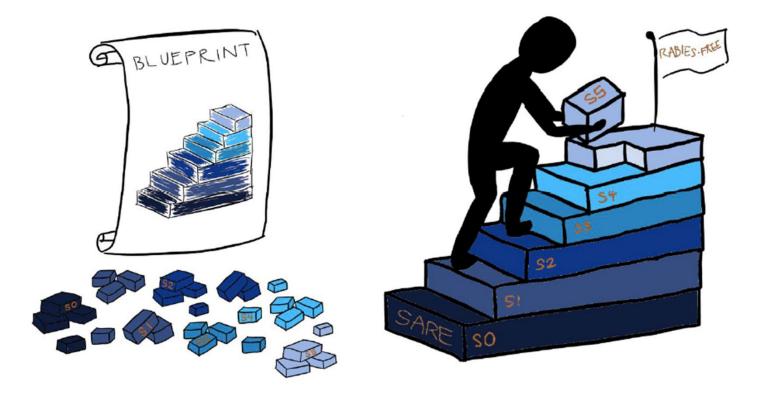




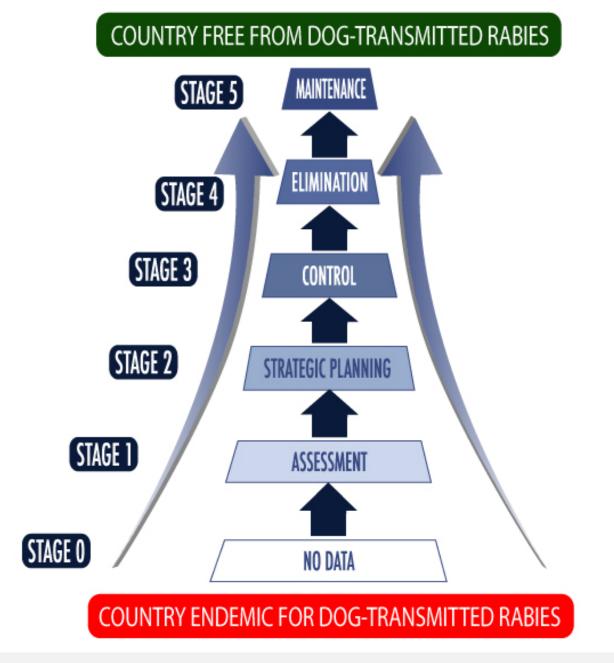




How the Rabies Blueprint and SARE fit together







FAO-GARC SARE-TOOL (version December 2016)

Global Framework for elimination of dog mediated Human Rabies



WORLD ORGANISATION FOR ANIMAL HEALTH Protecting animals, preserving our puture





GLOBAL FRAMEWORK FOR THE ELIMINATION OF DOG-MEDIATED HUMAN RABIES

Dog-mediated human rabies kills tens of thousands of people every year worldwide. Freedom from dog-mediated human rabies is a global public good and is feasible with currently available tools. In accordance with the consensus of the Global Conference (Geneva, 10-11 December 2015), this framework provides a coordinated approach and vision for the global elimination of dog-mediated human rabies. It is intended to harmonize actions and provide adaptable, achievable guidance for country and regional strategies.

The five pillars of rabies elimination (STOP-R)

OHI SOCIO-CULTURAL

Rabies control involves a wide range

of stakeholders including the general

influences rabies perceptions and dog-

keeping practices of at-risk populations.

public. The socio-cultural context

Understanding the context guides

approaches to motivate behavioural

change and plan feasible delivery of

· Awareness: build awareness of dog-

mediated rabies as a preventable

through participation in initiatives

such as World Rabies Day and the

· Responsible dog ownership: promote

including dog vaccination, in

accordance with OIE standards

responsible dog ownership and dog

population management practices.

· Bite prevention and treatment: develop

and implement education programmes

EndRabiesNow campaign

global public health problem including

services.

Includes activities for:

2 HECHNICAL

Effective animal health and public health

systems are required to eliminate dog-

must be strengthened and resourced

appropriately, and gaps identified and

mediated human rabies. These systems

ORGANIZATION

stakeholders.

The One Health approach of close collaboration is applied. Leadership, partnership and coordination for rabies elimination activities arise from the human health and animal health sectors and other

- One Health: promote the One Health approach and intersectoral coordination through national and regional networks
- Good governance: establish good governance, including clear roles, chain of command, measurable outcomes and timelines
- Harmonization: align work plans and activities with national and regional priorities and approaches fostering synergies among sectors
- Coordination: coordinate and combine human resources, logistics and infrastructure of other programmes and initiatives, as appropriate and feasible
- Indicators and performance: identify targets and their indicators to support performance measurement, including surveillance and validation data, to identify areas requiring attention or extra support
- Monitoring and evaluation: support monitoring and evaluation of national plans to ensure timely and cost effective delivery

Success depends on political will and support for elimination of dog-mediated human rabies. Political will results from recognition of rabies elimination as a national, regional and global public good.

Includes activities for:

O HI POLITICAL

- Political support: politcal support is essential and most relevant during and following country instability (political upheaval, natural disasters, etc.)
- International support: encourage countries to request a resolution on dog-mediated human rabies elmination through the World Health Assembly (WHO) and the General Assembly of Delegates (OIE)
- Legal frameworks: establish and enforce appropriate legal frameworks for rabies notification and elimination
- Demonstrating impacts: demonstrate the compelling case for mass dog vaccination programmes and their impact on protecting and saving human lives
- Regional engagement: support active national and regional engagement and cooperation to commit to a rabies elimination programme and promote the exchanage of lessons learnt and experiences to leverage resources and engagement

O HE RESOURCES

Rabies elimination activities frequently span several years and therefore require sustained, long-term support.

Includes activities for:

- Case for investment: promote the case for investment in dog-mediated human rabies elimination to persuade countries, policy makers and donors of the feasibility, merit and value of investing in rabies elimination strategies
- Business plans: prepare business plans based on the Global Framework for Dog-mediated Human Rabies Elimination
- Investment: encourage different forms of investment and partnerships (private and public investment) to leverage resources and engagement

CRITICAL SUCCESS FACTORS

- Long-term political and social commitment
- Community engagement
- Sustainable vaccination of 70% of the at-risk dog population
- Proof of concept: start small, scale up
- Sufficient resources, logistics and infrastructure
 Promote vaccine banks and other strategies for acquisition of rabies immunologicals to ensure sufficient supply of quality-assured rabies vaccines
- and human immunoglobulin
- Reach remote, rural and at-risk populations
- Conduct performance measurement at all levels
- Maintain trained and motivated implementation personnel

STRATEGIC VISION: zero human deaths from dog-mediated rabies by 2030 in participating countries

 Vaccination: ensure safe, efficacious and accessible dog and human vaccines and immunoglobulins, and promote and implement mass dog vaccination as the most cost-effective

filled

- intervention to achieve dog-mediated human rabies elimination
 Logistics: collect data on needs forecasts to inform the vaccine procurement system and to create and sustain the logistics and infrastucture required for effective delivery
 - and implementation of mass dog vaccination programmes and PEP administration • Diagnostics: ensure capacity and
- Dragnoscos: ensure capacity and capability for rapid and accurate rabies diagnosis through accessible, well equipped laboratories and trained personnel
 - Surveillance: support improved surveillance, sampling, reporting, and data-sharing
 - Technical support: provide guidance and technical support for the development and tailoring of regional and national plans, including
 - promoting the use of existing tools Proof of concept: support proof-ofconcept programmes, and then scale up through leveraging of success
- on bite prevention and first aid for equip both children and adults person Post-exposure prophylaxis: increase awareness and understanding of postsurvei
- exposure prophylaxis (PEP) imperatives and options including intradermal administration • Community engagement: encourage
- community engagement: encourage community involvement and engagement in activities to eliminate dog-mediated rabies

Linking the categories to the Global Framework (STOP-R)

- IEC Information, education and communication
- DPO Dog population related issues
 - PCO Prevention and control
- DCA Data collection and analysis
 - LAB Laboratory Diagnosis
- CCI Cross-cutting issues
 - LEG Legislation

S



End Rabies Now Campaign





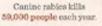








Vaccinating dogs can prevent human deaths.





Together we can eliminate human deaths from canine rabies by 2030.

ENDRABIESNOW





DOG RABIES NEEDS TO BE HISTORY



2030 is a feasible target for the elimination of rabies