



Regional coordination Africa: PARACON

Andre Coetzer

Workshop on the development of rabies elimination
strategies

25 – 26 October 2016

Franschhoek, South Africa





<https://paracon.rabiesalliance.org>



WELCOME TO PARACON



Antiviral Research 124 (2015) 93–100

Contents lists available at ScienceDirect



Antiviral Research

journal homepage: www.elsevier.com/locate/antiviral



Review

The Pan-African Rabies Control Network (PARACON): A unified approach to eliminating canine rabies in Africa



T.P. Scott ^{a,b}, A. Coetzer ^{a,b}, K. de Balogh ^c, N. Wright ^a, L.H. Nel ^{a,b,*}

^a Department of Microbiology and Plant Pathology, Faculty of Natural and Agricultural Sciences, University of Pretoria 0001, South Africa

^b Global Alliance for Rabies Control SA NPC, Erasmus Forum A434, Rigel Avenue, South Bracmas RAND, 0181 Pretoria, South Africa

^c Food and Agricultural Organization of the United Nations, Rome, Italy

ARTICLE INFO

Article history:
Received 13 September 2015
Accepted 1 October 2015
Available online 3 November 2015

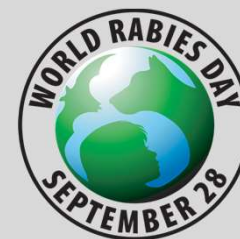
Keywords:
PARACON
Africa
Rabies elimination
One health
Global Alliance for Rabies Control

ABSTRACT

Even though Africa has the highest per capita death rate from rabies of any continent, and the disease is almost entirely transmitted by the bites of rabid dogs, there has been no coordinated pan-African approach to controlling canine rabies. In order to attain an inclusive and unified network, the Pan-African Rabies Control Network (PARACON) was established in 2014. By following the 'One Health' concept, which involves close coordination between animal and human health sectors across national, regional and continental levels, PARACON will provide a platform to facilitate and promote coordinated and sustainable control strategies and programmes. Meetings will take place at regular intervals and will be centred on the involvement by key focal persons from the medical and veterinary sectors. The inaugural meeting was held in South Africa in June, 2015 and was focused around interactive discussions and workshops, whilst updating country representatives on the tools available to aid them in developing and implementing sustainable rabies intervention strategies. Experts from various global organizations, institutions and industry participated in the discussions and shared their experience and expertise. The workshops focused on the latest format of the Rabies Blueprint platform (www.rabiesblueprint.com), which in the broadest sense assists with control and elimination campaigns, including educational and advocacy drives, improvement of surveillance and diagnosis and the systematic monitoring of progress. Together with the Stepwise Approach towards Rabies Elimination, the Blueprint is a planning tool to help countries free themselves from canine-transmitted rabies.

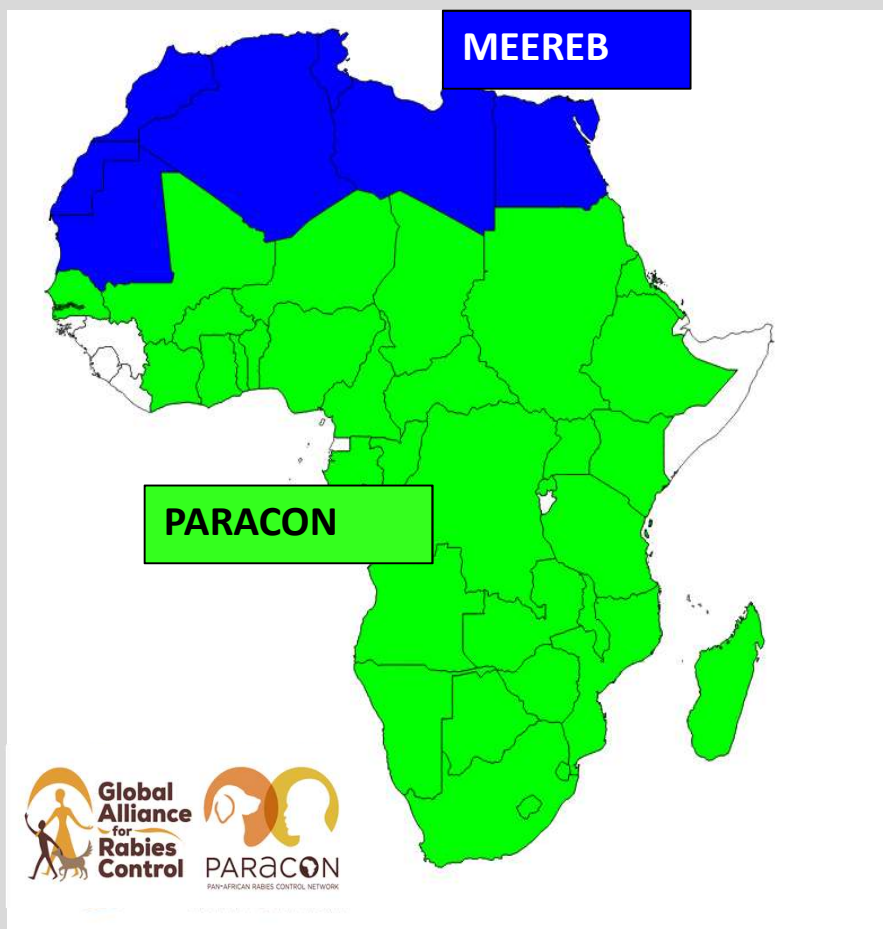
© 2015 Elsevier B.V. All rights reserved.





2015

2016



PARACON Meetings

- Workshop- based
- Determine Rabies Blueprint/SARE stage
- Continued self-assessment
- Measure and capture progress of countries (incl DHIS-based data analysis/presentation)



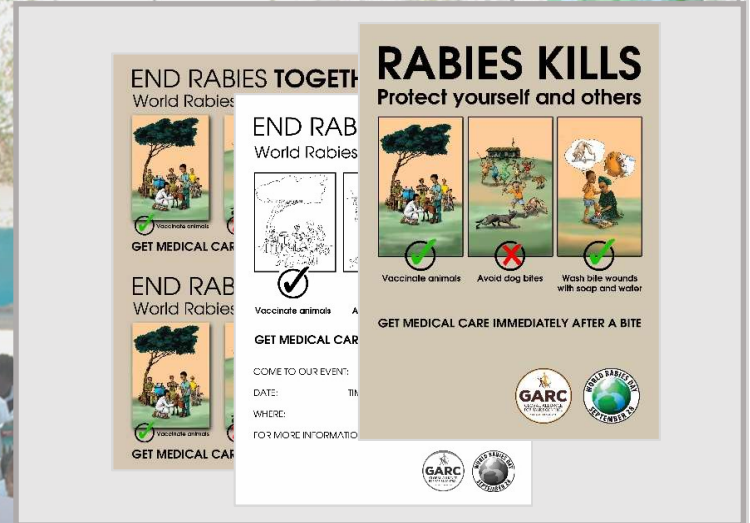
Collaborative efforts



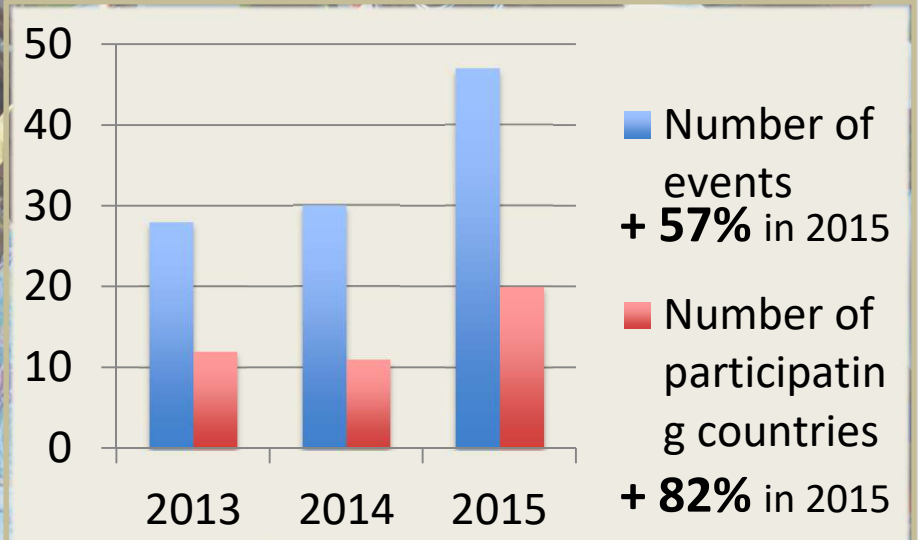
- Support packages developed based on outputs from countries
 - Advocacy
 - Vaccination
 - Surveillance
- SARE assessments
 - Haiti
 - Ethiopia



World Rabies Day Africa: 2015



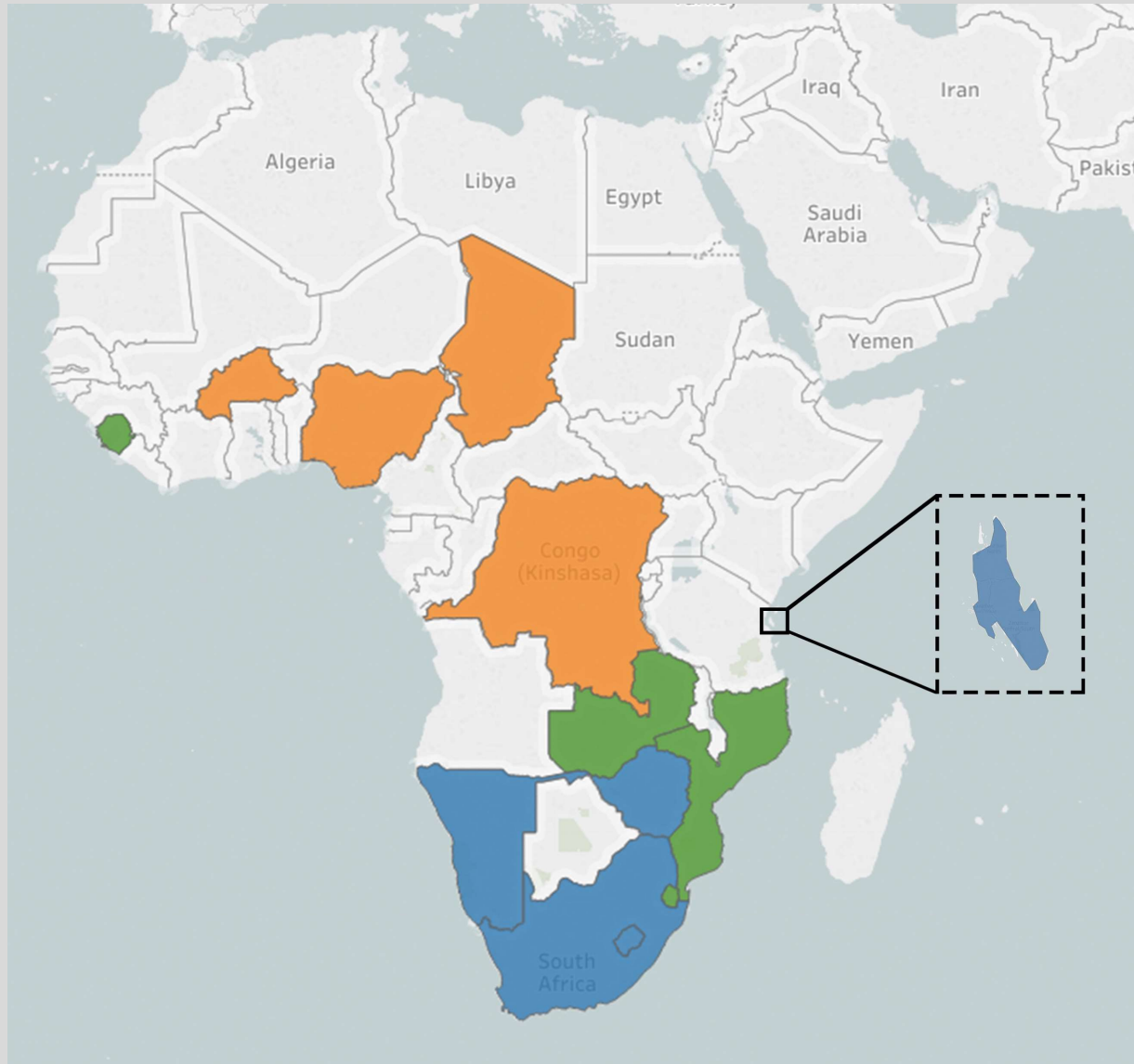
Country packages



World Rabies Day events



Surveillance: DRIT training





PARACON country reports

- Existing projects: WHO and CDC

COUNTRY REPORT 2015

COUNTRY:

Veterinary sector report prepared by:

Medical sector report prepared by:

Please provide all of the information requested in the format guide below

Veterinary sector

RABIES DIAGNOSIS

Central Veterinary Lab (CVL)
Location:

Number of trained personnel that can perform rabies diagnosis:
0 1 2 3-4 5+

Rabies diagnostic tests performed at the CVL: (please choose all that are relevant)

FAT

DRIT

Seller's stain (Negri bodies)


MIT

Rapid kits

Molecular techniques

Cell culture inoculation

Other (please specify):


ANIMAL HEALTH SECTOR
 January – June 2016

Samples tested using the Gold Standard DFA test						
DFA	Positive Negative	Dog	Cat	Livestock	Wildlife	Bat
Samples tested using ONLY the following tests (exclude any samples previously diagnosed using the DFA)						
DRIT	Positive Negative	Dog	Cat	Livestock	Wildlife	Bat
MIT	Positive Negative					
Seller's stain	Positive Negative					
Rapid Kits	Positive Negative					
Cell culture inoculation	Positive Negative					
Molecular Techniques	Positive Negative					

HUMAN HEALTH SECTOR
January – June 2016

Human Rabies Case Diagnosis		
	Positive	Negative
Clinical confirmed		
Laboratory confirmed		



Epidemiological bulletin



- Online data reporting system
- Unify information gathered from the rabies control efforts throughout Africa onto a single, easy to use platform.
- Based on DHIS2 platform
 - Used throughout Africa for other diseases e.g. Ebola, malaria, TB
- Information collected based on PARACON CR, WHO NTDs indicators, SARE output form
- Beta testing and training at 2016 PARACON meeting



Rabies Data Collector

- Developed based on feedback from the PARACON meeting in 2015

Proposed solution: Clicker system



Rabies Data Collector





“Coming together is a beginning;
keeping together is progress;
working together is success. “

Henry Ford



Thank you

