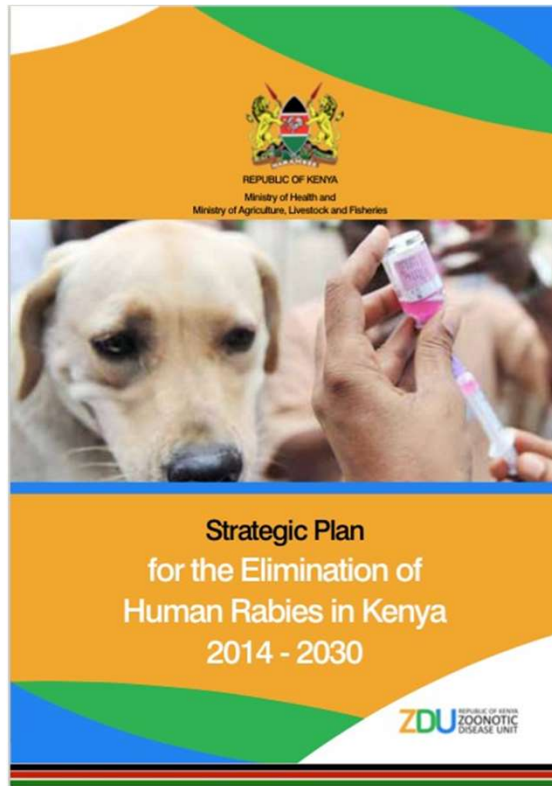


# Impact of surveillance, data collection and reporting on programmes

Dr. Athman Mwatondo



# Kenya National Rabies Elimination Strategic Plan 2014 – 2030



## Strategy for the Elimination of Human-Rabies in Kenya

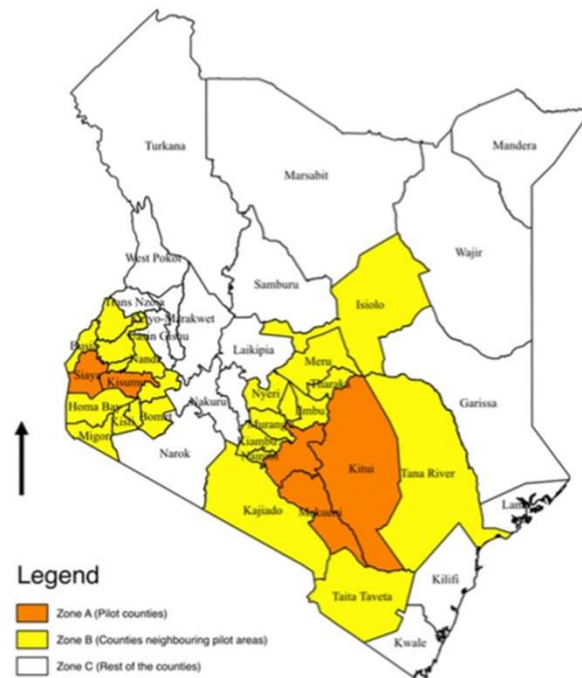
Mass dog vaccinations (70% coverage for 3 years consecutively)

Provision of PreP and PEP for bite victims

Public education and awareness on rabies prevention and control

Enhanced surveillance for rabies cases in animals and humans

# Implementation Plan



## Zone A: Pilot Counties:

Western Kenya - (Kisumu, **Siaya**)

Eastern Kenya (**Machakos**,  
**Makueni**, Kitui)

## Zone B

close proximity to pilot areas

Rest of the country

**\*\*\*Stepwise Approach to Rabies Elimination**

# Current surveillance activities



**Toll-Free  
Number**

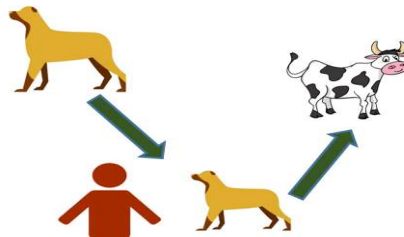
**Hospital Based  
Surveillance**



**Dog Cohort  
Study**



**Community  
Surveillance**



**Contact  
Tracing**



**Sample  
Collection**

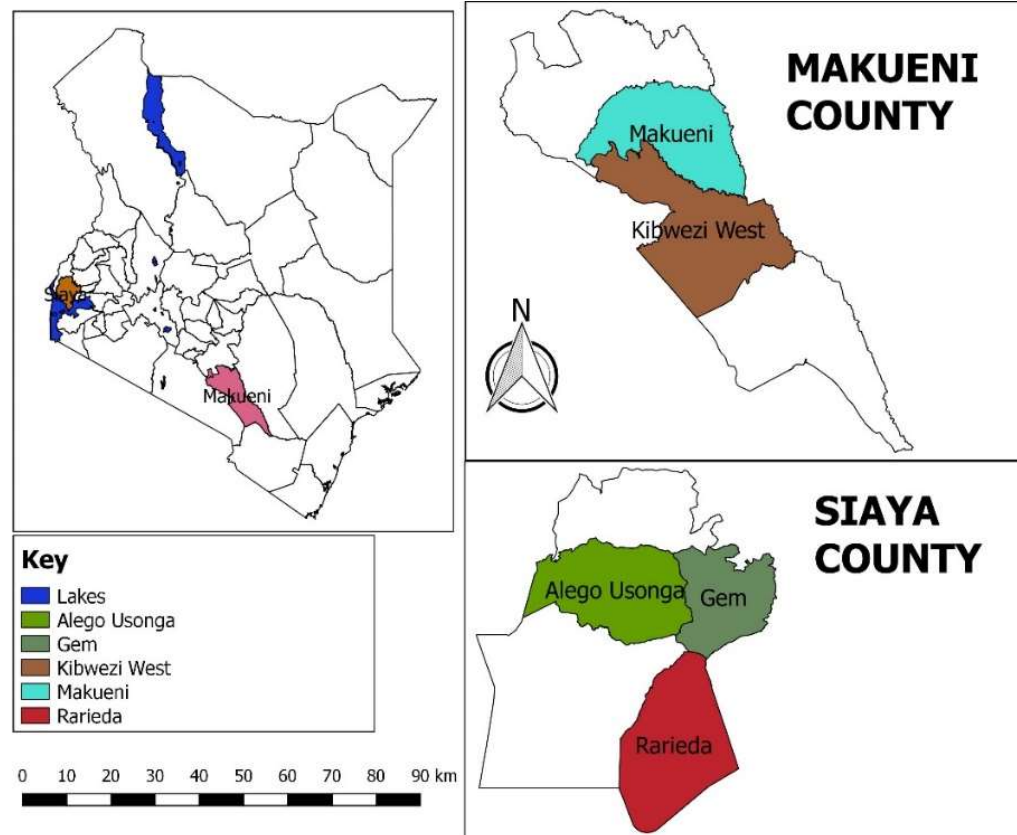
## Slide 4

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**U1** All this in th back ground of MDV supported by WAP and EU though OIE  
USER, 13 Sep 2018

# Surveillance sites

- Two Pilot Counties
  - Data on dog bites among patients
  - Follow up of biting dogs and victims in communities



# Key findings 1

- Passive surveillance has severe under-reporting for bites
  - 5 year retrospective data from 16 health facilities - only 613 bite cases reported
  - 1 year enhanced surveillance in 4 of 16 health facilities - 365 bite cases reported
- High positivity of samples from dogs tested for rabies, low access and compliance to PEP - yet few human cases
  - 2 human confirmed cases in Siaya
  - \*\*Moving surveillance from outpatients to in-patients





## Key findings 2

- Record keeping at health facilities
  - General record keeping needs improvement
  - Critical data missed by aggregate reporting
    - Dose completion /compliance
    - Site and Category of bite
    - Status of biting dogs...
- Training needs among Health care workers;
  - to improve suspicion for rabies
  - knowledge of WHO position on rabies vaccine and treatment
- High dog turnover rate

PATIENT INFORMATION		Anti-Rabies Vaccination					REMARKS
DAY	DATE	DAY	DATE	DAY	DATE	DAY	DATE
1	20/05/2019	2	30/7/19	3	11/11/19		
4	20/05/2019	5	20/05/2019	6	20/05/2019	7	20/05/2019
8	20/05/2019	9	20/05/2019	10	20/05/2019	11	20/05/2019
12	20/05/2019	13	20/05/2019	14	20/05/2019	15	20/05/2019
16	20/05/2019	17	20/05/2019	18	20/05/2019	19	20/05/2019
20	20/05/2019	21	20/05/2019	22	20/05/2019	23	20/05/2019
24	20/05/2019	25	20/05/2019	26	20/05/2019	27	20/05/2019
28	20/05/2019	29	20/05/2019	30	20/05/2019	31	20/05/2019
32	20/05/2019	33	20/05/2019	34	20/05/2019	35	20/05/2019
36	20/05/2019	37	20/05/2019	38	20/05/2019	39	20/05/2019
40	20/05/2019	41	20/05/2019	42	20/05/2019	43	20/05/2019
44	20/05/2019	45	20/05/2019	46	20/05/2019	47	20/05/2019
48	20/05/2019	49	20/05/2019	50	20/05/2019	51	20/05/2019
52	20/05/2019	53	20/05/2019	54	20/05/2019	55	20/05/2019
56	20/05/2019	57	20/05/2019	58	20/05/2019	59	20/05/2019
60	20/05/2019	61	20/05/2019	62	20/05/2019	63	20/05/2019
64	20/05/2019	65	20/05/2019	66	20/05/2019	67	20/05/2019
68	20/05/2019	69	20/05/2019	70	20/05/2019	71	20/05/2019
72	20/05/2019	73	20/05/2019	74	20/05/2019	75	20/05/2019
76	20/05/2019	77	20/05/2019	78	20/05/2019	79	20/05/2019
80	20/05/2019	81	20/05/2019	82	20/05/2019	83	20/05/2019
84	20/05/2019	85	20/05/2019	86	20/05/2019	87	20/05/2019
88	20/05/2019	89	20/05/2019	90	20/05/2019	91	20/05/2019
92	20/05/2019	93	20/05/2019	94	20/05/2019	95	20/05/2019
96	20/05/2019	97	20/05/2019	98	20/05/2019	99	20/05/2019
100	20/05/2019	101	20/05/2019	102	20/05/2019	103	20/05/2019
104	20/05/2019	105	20/05/2019	106	20/05/2019	107	20/05/2019
108	20/05/2019	109	20/05/2019	110	20/05/2019	111	20/05/2019
112	20/05/2019	113	20/05/2019	114	20/05/2019	115	20/05/2019
116	20/05/2019	117	20/05/2019	118	20/05/2019	119	20/05/2019
120	20/05/2019	121	20/05/2019	122	20/05/2019	123	20/05/2019
124	20/05/2019	125	20/05/2019	126	20/05/2019	127	20/05/2019
128	20/05/2019	129	20/05/2019	130	20/05/2019	131	20/05/2019
132	20/05/2019	133	20/05/2019	134	20/05/2019	135	20/05/2019
136	20/05/2019	137	20/05/2019	138	20/05/2019	139	20/05/2019
140	20/05/2019	141	20/05/2019	142	20/05/2019	143	20/05/2019
144	20/05/2019	145	20/05/2019	146	20/05/2019	147	20/05/2019
148	20/05/2019	149	20/05/2019	150	20/05/2019	151	20/05/2019
152	20/05/2019	153					



# Momentum for Rabies programs

- PEP survey shows differences in stock outs
  - 3-5 weeks in pilot Counties
  - 8-36 weeks in other Counties
- Surveillance and reporting provides data to support programs
  - Demonstrate progress towards elimination
  - Allocation of funding to rabies



# Collaborative Efforts



A collaboration between Ministry of Agriculture, Livestock, Fisheries and the Ministry of Health

