

PAN AFRICAN MOSQUITO CONTROL ASSOCIATION (PAMCA)

VECTOR CONTROL WORKING GROUP-MEETING

Geneva

January 30th to 1st February 2019



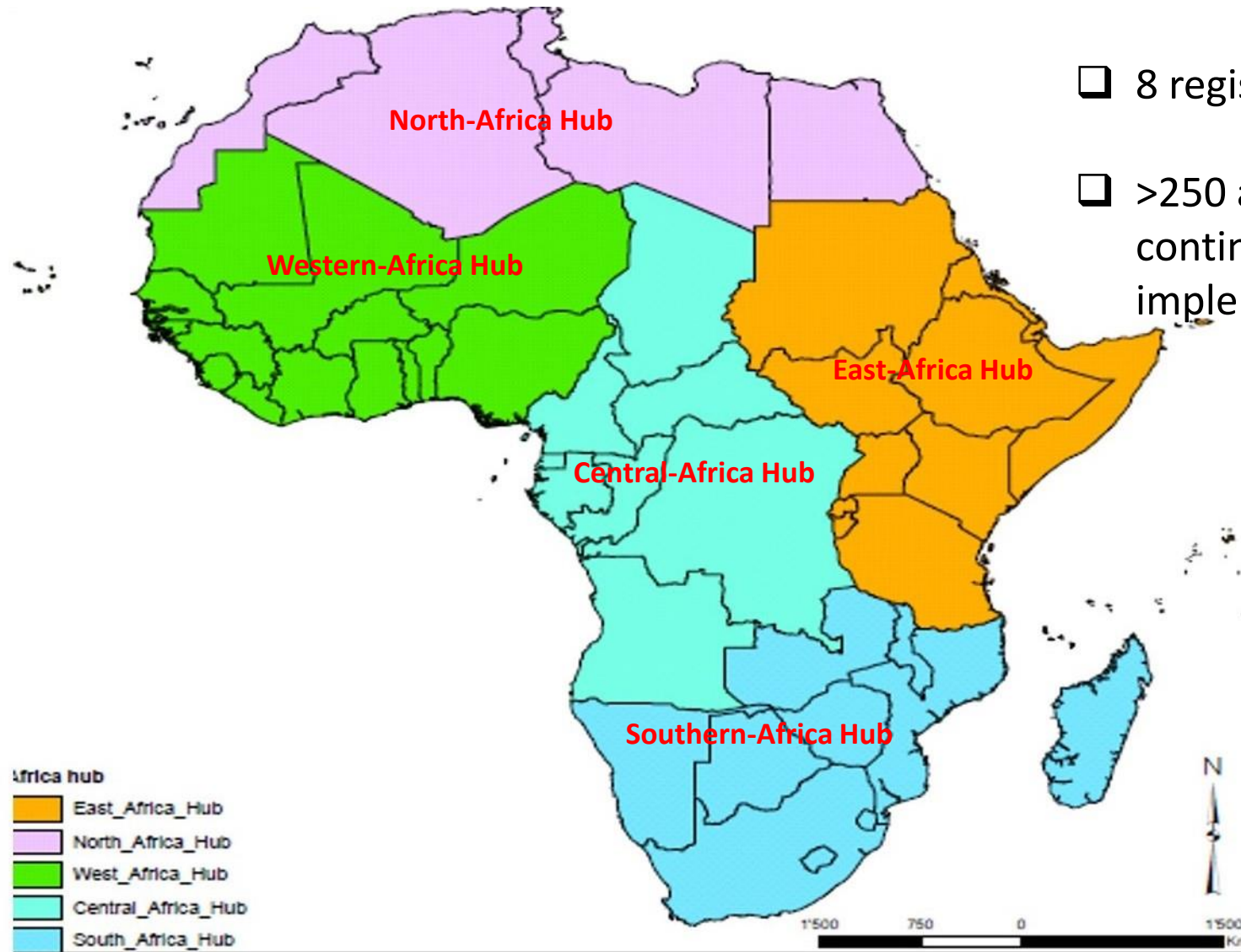
Updates from PAMCA

- ✓ PAMCA network and entomology capacity in Africa
- ✓ PAMCA partnerships
- ✓ PAMCA annual conference



PAMCA networks and entomology capacity in Africa

PAMCA regional chapters



- ❑ 8 registered country chapters
- ❑ >250 active members from across the continent including researchers, implementers, academia, industry



Entomology capacity in Africa



Medical Entomologists working on VBD's in Africa per country

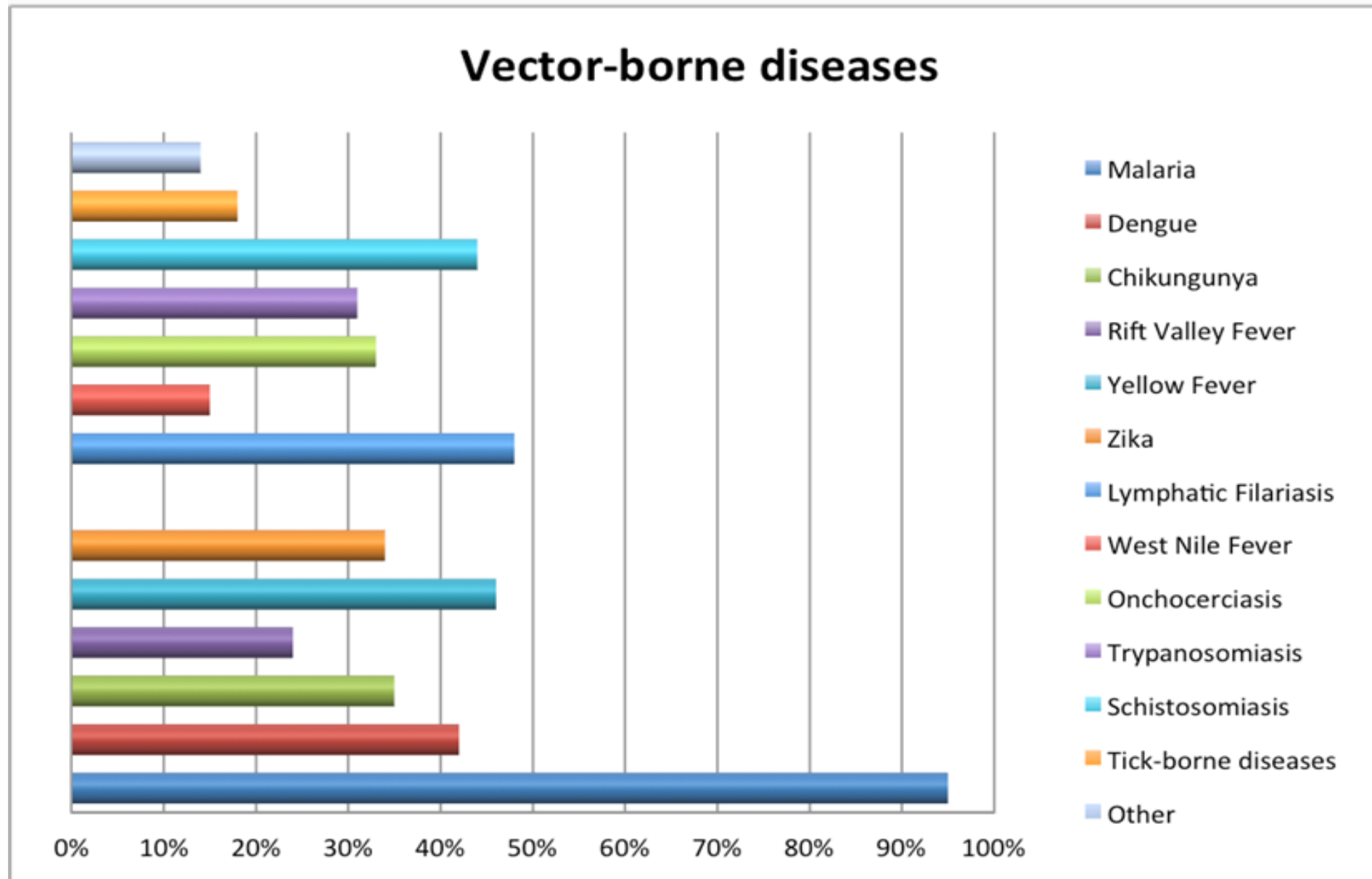
Total of 215 PhD, 243 MSCs, 173 BSc's, 468 students, 490 assistants working at 89 institutes across Africa



Where do medical entomologists work in Africa

Type of organization	People		People
Not working anywhere	3%	National Dengue CP*	2%
University	44%	National Yellow Fever CP*	1%
National Research Centre	26%	Hospital	5%
International Research Centre	19%	Non-Governmental Organization	12%
Training Centre	7%	Private sector company	3%
Ministry of Health	18%	Consortium	3%
National Malaria CP*	12%	Network	4%
National Lymphatic Filariasis CP*	2%	Other	11%

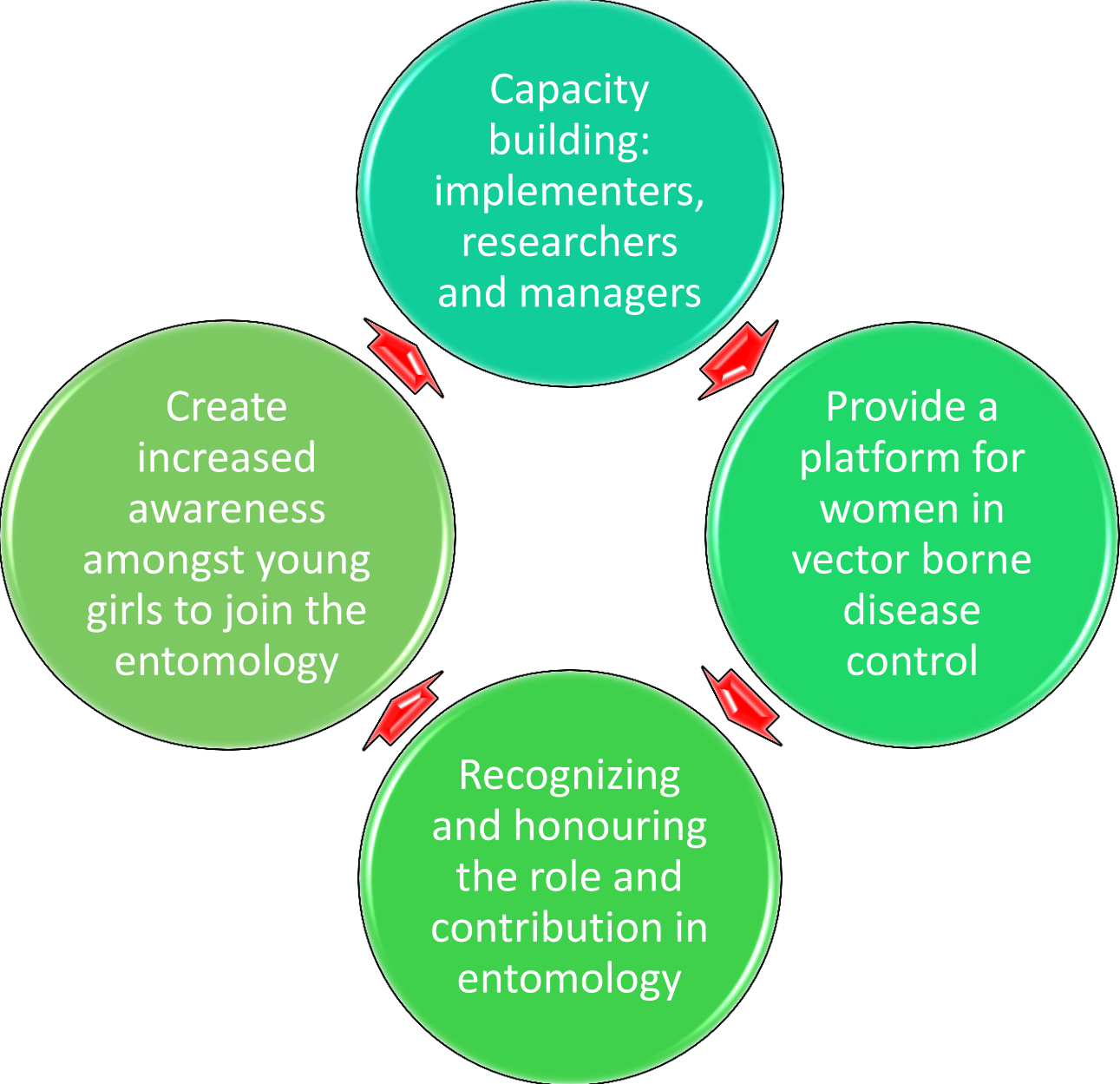
What VBD institutes are working on



Almost all institutes are working on malaria (95%).



Women in entomology



PAMCA partnerships



Regional Meeting on vector borne diseases epidemics preparedness and vector control



Participants were drawn from twelve (12) African countries: South Africa, Cameroon, Burundi, Senegal, Kenya, Rwanda, Mali, Tanzania, Burkina Faso, Nigeria, Zimbabwe and Ethiopia

Goal: Improve knowledge and preparedness for Vector borne disease control and Surveillance

- Need for harmonizing key indicators for Vector-borne diseases (VBDs)
- Harmonization and standardization for data collection during VBD surveillance and preparedness
- Integration of tools for monitoring and evaluation

Preliminary country VBD profiles

Country	Vector-Borne Diseases
Tanzania	Malaria, filariasis, dengue, chikungunya, rift valley fever, schistosomiasis
Cameroon	Malaria, dengue, loasis, yellow fever, chikungunya, onchocerciasis
Mali	Malaria, filariasis, leishmaniasis, dengue, yellow fever, chikungunya
Rwanda	Malaria & yellow fever
Ethiopia	Malaria, Leishmaniasis, Onchocerciasis, Lymphatic Filariasis, Schistosomiasis, Dengue (Emerging), Yellow Fever (Resurging), Chikungunya, Rift Valley Fever
Senegal	Malaria, Yellow Fever, Dengue, Zika, Chikungunya, Rift valley fever
Burkina Faso	Malaria, dengue, yellow fever, chikungunya, onchocerciasis, schistosomiasis, leishmaniasis, lymphatic filariasis, trypanosomiasis
Nigeria	Malaria, schistosomiasis, trypanosomiasis, yellow fever, onchocerciasis, lymphatic filariasis
Zimbabwe	Malaria, trypanosomiasis, schistosomiasis, lymphatic filariasis, plague, trachoma
Kenya	Malaria, leishmaniasis, filariasis, dengue, chikungunya, Rift valley fever, schistosomiasis, Onchocerciasis, Yellow Fever, trachoma
South Africa	Malaria, Crimean Congo Haemorrhagic Fever, Chikungunya, Rift valley fever, sindbis

New partnership for strengthening vector surveillance and accelerate research on *Anopheles* genomics in Africa



BILL & MELINDA
GATES *foundation*



- ✓ Strengthening vector surveillance systems in recipient African countries and increasing capacity for collection, curation, analysis and interpretation of essential genetic data on diversities and gene flow in *Anopheles* mosquitoes in Africa
- ✓ Increase the capacity for Africans to generate research questions and solutions relevant to the African context
- ✓ Harmonization of data capture systems and key indicators for vector surveillance

Into the wild: New models for community engagement



ANTI  **eC**

Application of Novel Transgenic technology
& Inherited symbionts to Vector Control



UNIVERSITY OF THE
WITWATERSRAND,
JOHANNESBURG



 **IFAKARA HEALTH INSTITUTE**
research | training | services



PAMCA Annual conference

Thank you to all our sponsors

5th Annual meeting Victoria Falls, Zimbabwe



- >250 participants
- 30 African countries
- Participants from Europe and America



Key outcomes of the conference

- ❑ A platform for engaging national and regional bodies involved in vector borne diseases control
- ❑ Strengthening the tools and capacity for surveillance and control
- ❑ Provide a platform for knowledge exchange between researchers and implementers, placing researchers at the service of programs
- ❑ Strengthening linkages with ministries of health and training institutions, and establish an attractive career pathway for entomologists
- ❑ Widen the scope of women involvement in entomology research, implementation and management.



6th

Yaounde Congress Palace
23rd - 25th September 2019

PAMCA

ANNUAL CONFERENCE & EXHIBITION

YAOUNDE - CAMEROON 2019

Theme:

*Strengthening Surveillance Systems for
Vector-Borne Diseases Elimination in Africa*

Sub - Themes:

1. Harnessing research capacity in Africa to empower national programs
2. Adopting the one health approach - breaking down silos
3. Innovation in vector surveillance and control
4. Mosquito genomics: progress and challenges
5. Vector biology and control

Important Conference Dates:

	Opening Date	Closing Date
Online Registration	1 st Feb 2019	20 th Sep 2019
Abstract Submission	1 st Feb 2019	31 st May 2019
Abstract Acceptance Notification		30 th June 2019
Call for Symposia	1 st Feb 2019	31 st May 2019
Late Breaker Submission	20 th June 2019	20 th July 2019

Registration

Category	Fees (\$ US)
PAMCA members	100
Student members	70
Non-members	180

To register and upload your abstract, go to:
<https://www.pamca.org>

To enquire about sponsorship and exhibition contact us on: info@pamca.org



SAVE THE DATE

A warm welcome to Yaoundé, Cameroon
23-25 September 2019



THANK YOU

