

5th February 2020

Updates from the Pan African Mosquito Control Association

- 15th Annual Vector Control Working Group Meeting



Who we are and where we are

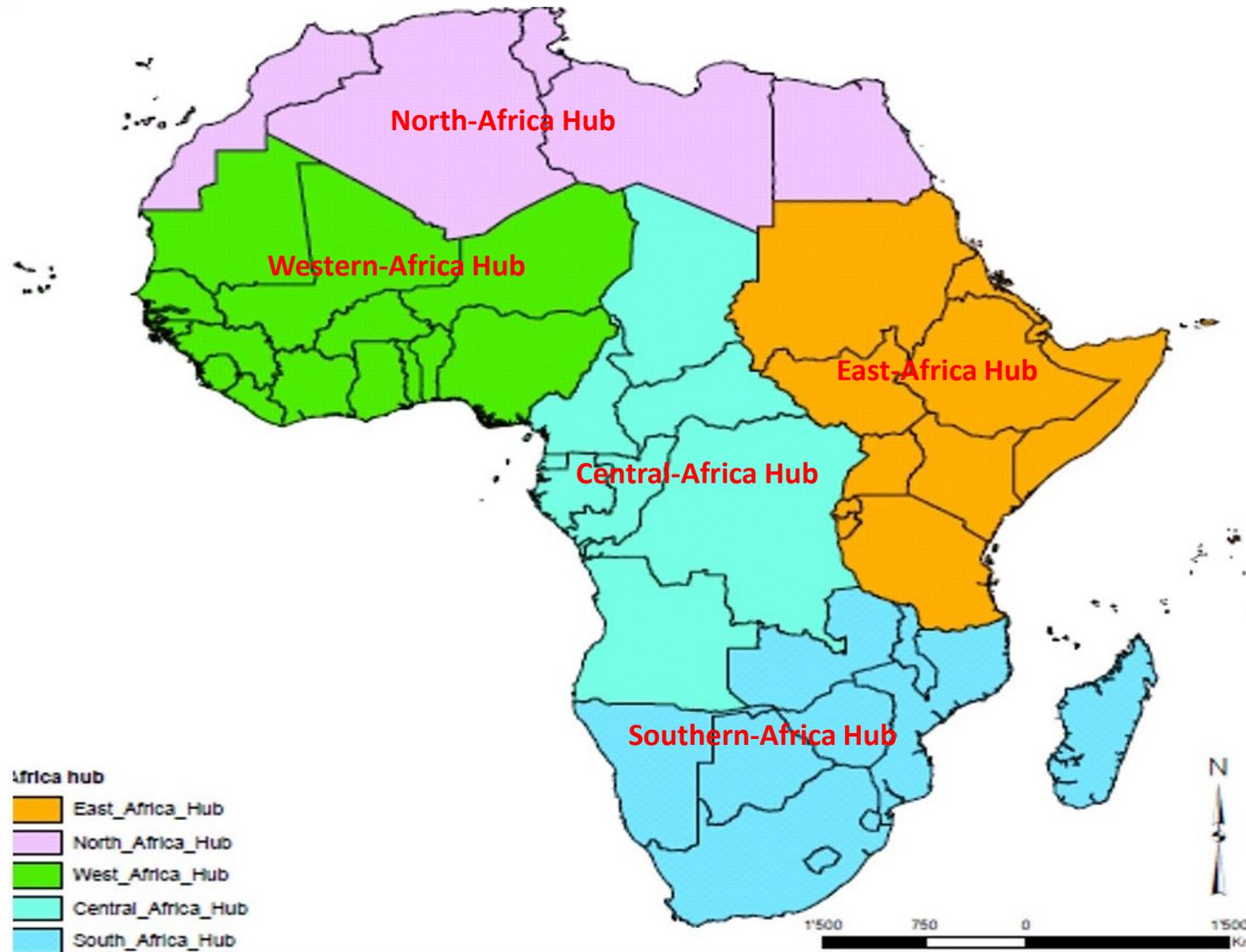


PAMCA's mission and strategic goals

- Mission: To provide a platform for African scientists, public health professionals and other stakeholders to drive efforts towards control and elimination of vector-borne diseases
- Strategic goals:
 - Capacity Building
 - Collaboration and Partnership
 - Knowledge Management
 - Strengthening PAMCA's governance structures



PAMCA regional hubs and chapters



- **9** registered country chapters
 - Burkina Faso
 - Cameroon
 - Ghana
 - Kenya
 - Mali
 - Nigeria
 - South Africa
 - Tanzania
 - Zimbabwe
- **>250** active members:
 - Academia
 - Implementers
 - Private sector
 - NGO



Entomology capacity in Africa



2017 Survey:

- 215 PhD
- 243 MSc
- 173 BSc
- 468 students
- 490 assistants
- 89 Institutions



Partners



On-going projects



Into the wild: new models for community engagement

- Aim: To develop and test criteria for community engagement with novel vector control interventions, specifically those that involve mosquito releases

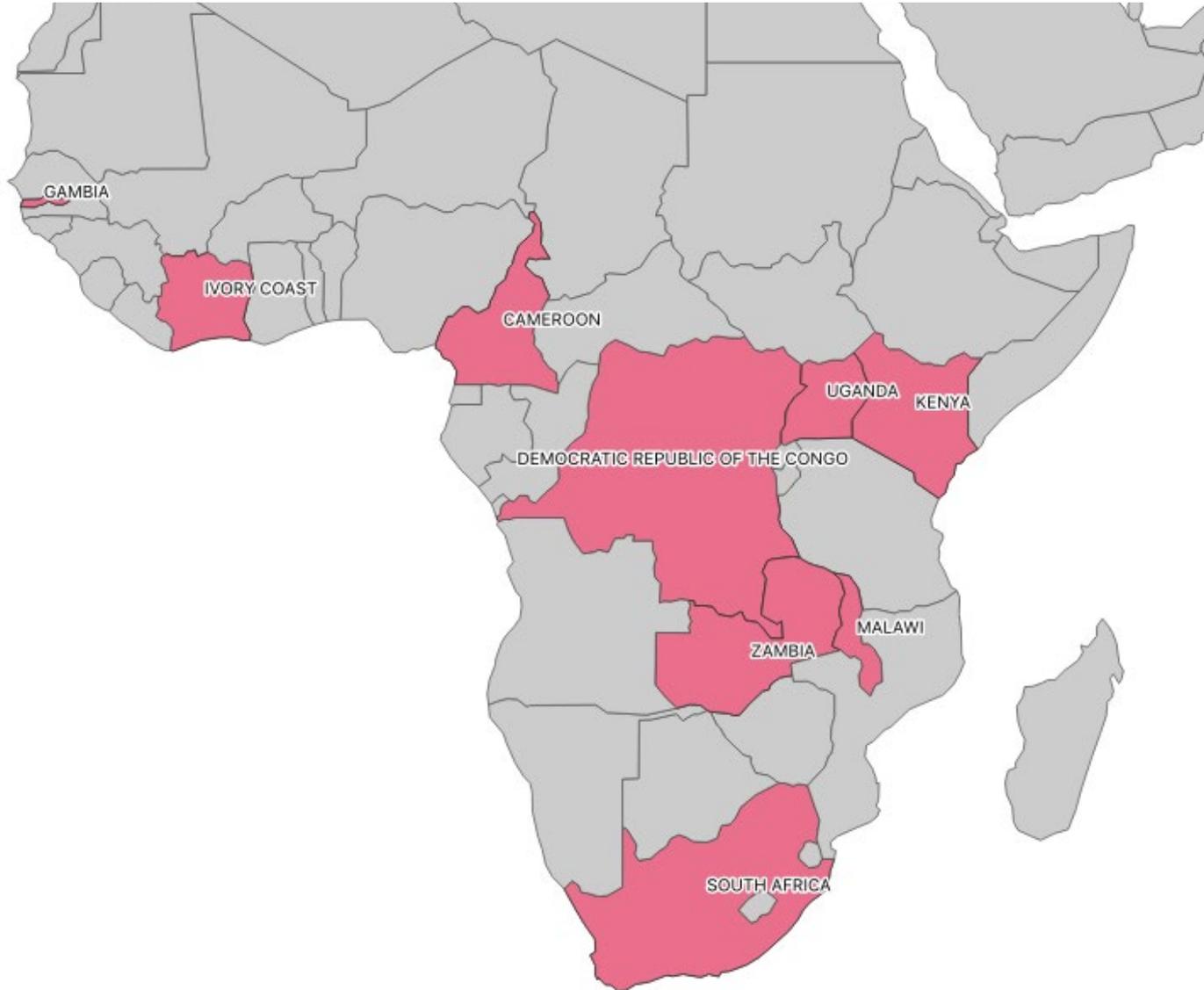


Gene drive courses

- **Aim:** This short training course is designed to provide the basic technical understanding of gene drive and will also cover public acceptance, regulatory issues and ecological concerns.
- To equip Scientists and public health decision makers in the continent with the broad theoretical and practical skills to raise awareness and advance discussion on the topic..
- Running for **3** consecutive years
- Over **75** professionals trained



Strengthening vector surveillance systems and addressing *Anopheles* mosquito genomic data gaps in Africa



BILL & MELINDA
GATES *foundation*



Strengthening local entomology capacity for malaria surveillance and elimination

- Detailed appraisal of vector control implementation and surveillance structures, stakeholders involved and local entomology capacity in target countries
- Improving training, capacity, mentorship, and collaboration for medical entomologists in Africa
- Establish best practices in vector surveillance and sustained collaboration agreements between NMCPs/MoHs and local research institutions

BILL & MELINDA
GATES *foundation*



Technical support to NMCPs



- LSM in Ghana, Uganda, Rwanda, Tanzania and Zanzibar
- Insecticide resistance management
- Vector Surveillance
- Data management



Women in Vector Control

Mapping medical entomologists and institutional capacity for VBD research & implementation in Africa



- 394 medical entomologists
- 72% male
 - 28% female

Feb 2018



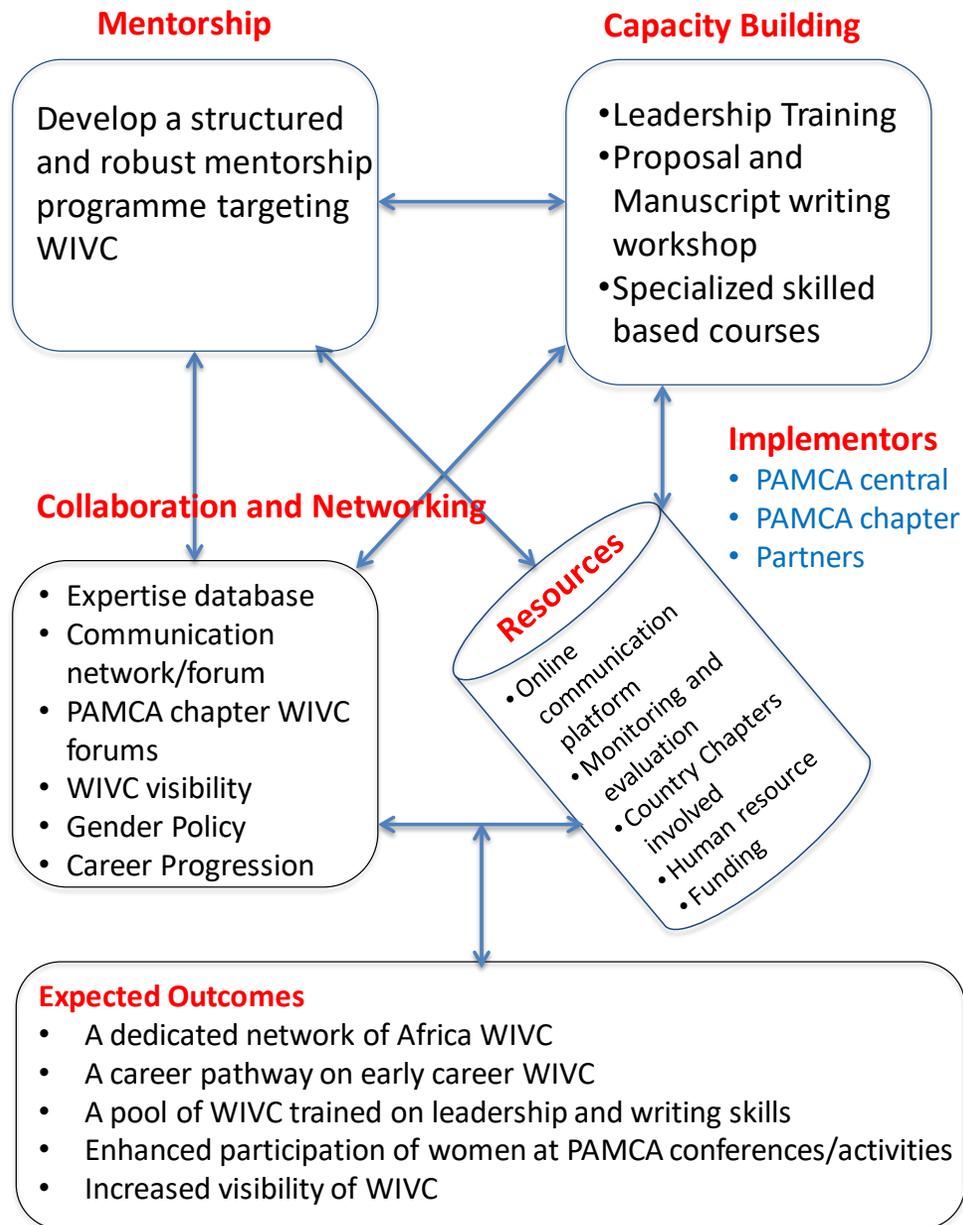
Sep 2018
Vic Falls



Sep 2019 Yaoundé



WIVC Program outlook



Annual meetings: Kenya, Tanzania, Nigeria, Burkina Faso, Zimbabwe, Cameroon



Cameroon: 400 participants, 34 Countries



Future focus



PAMCA outlook in the coming 3-5 years

- Strengthening entomology capacity in Africa
- Building and formalizing relationships with NMCPs
- Strengthening vector surveillance in Africa
- Strengthening strategic collaborations (local communities, WHO-AFRO, AU, ALMA, Africa CDC, AMCA, NGOs, Private sector, etc.)
- Women in vector control
- Support system for early career entomologists
- Focus on Arboviruses and other VBDs





SAVE THE DATE

7th PAMCA Annual Conference & Exhibition

21-23 September, 2020



Accra, Ghana

Movenpick Hotel, comms@pamca.org