

# Summary of AEMRN Pro Vector Community Projects in Africa

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# ProVector Bt is having a Tremendous Impact in Eliminating Mosquitoes in Homes, Schools and Hospitals in Africa

Site	Researcher	Organization	< 1 month for control
Entebbe, Uganda	Dr. L. Mukwaya	Uganda Virus Institute, Ministry of Health	95%
Kisumu, Kenya	Dr. C. Barasa	Kisumu District Hospital	90%
Kibera 1, Kenya	Cl. C. Mwangi	Ushirika Maternity Clinic	100%
Kibera 2, Kenya	Mr. K. Kethambi	Riziki Foundation	100%
Nairobi, Kenya	Rev. J. Kithinji	Tusaidie Watoto Elementary School	100%

# Women with Infants Receiving Instruction on Assembly and Use of ProVector Bt in Kibera, Kenya



Photo: Argonauta Communications 2009

**(only 14% of families have at least one bed net)**

# AEMRN ProVector Community Projects in Africa

- Current
  - Conakry, Guinea: school and 50 homes with Provector
  - Kibera, Kenya: orphanage, school, and 200 homes
  - Kibera, Kenya: Ushirika Maternity Clinic 150
  - Kisumu, Kenya: Hospital and 40 homes
  - Nairobi, Kenya: 150 homes
  - Kabondo, Kenya: 200 homes
  - Entebbe, Uganda: 50 homes
- Planned
  - Cape Coast, Ghana: 500 homes and 2 schools
  - Accra, Ghana: 500 homes and 2 schools
  - Kitale, Kenya: Kitale Hospital, health centers and
  - Kabondo, Kenya: 200 homes in village
  - Kampala, Uganda: Hospitals, health centers and 500 homes
  - Freetown, Sierra Leone, Hospitals health centers and 500 homes
  - Monrovia, Liberia, Hospital, school and 500 homes
  - Yaoundé, Cameroon, Hospital, school and 500 homes
  - Lagos, Nigeria, Hospital and 700 homes
  - Kpalimé, Togo, Schools, health centers, hospitals and 500 homes





# AEMRN Findings and Recommendations for ProVector Bt Use

- ProVector Bt is an effective method of eliminating mosquitoes and interrupting malaria transmission
- Each ProVector Bt helps an average of 7 people at once, making it very cost effective
- It is non-toxic to people and pets and controls mosquitoes indoors: including homes, schools, hospitals, churches, hotels and restaurants
- Helps protect family members who:
  - do not have bed nets
  - when bed nets are damaged or pesticide is degraded
  - during the day and evening when family is not under bed nets
  - when indoor residual spraying is not used
- Whenever possible the ProVector should be used in conjunction with treated bed nets and indoor residual spraying



Photo by: Dr. Louis Mukwaya,  
Uganda Virus Institute, 2009

# AEMRN ProVector Community Projects

- Designed to spatially eliminate mosquito populations and reduce malaria transmission using ProVector Bt
- Use 200-500 ProVector Bt to safely and rapidly control mosquito populations in villages
- Staffed by only public health professionals
- Funds are needed to support existing projects and expand into new villages and countries in Africa

