



Building capacity to manage Insecticide Resistance in the WHO Africa Region

ANVR Project

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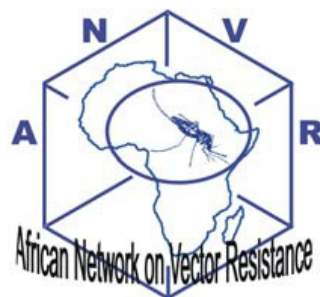




African Network on Vector Resistance to insecticides (ANVR)

- ✓ Established in 2000
- ✓ Members
 - National Malaria Control Programmes (NMCP)
 - Supporting Research Institutions
- ✓ Coordinated by WHO Regional Office for Africa

Logo:





Background

Project Start

13th ANVR Annual Meeting in October 2015

One of the meeting objectives

Brief MAL-NPOs and the regional ANVR
collaborating research institutions on the GPIRM
and other control strategic and policy issues



Briefing on GPIRM – the five pillars and framework for the development of national IRMMP

- | | |
|------------|--|
| Pillar I | Plan and implement insecticide resistance management strategies in malaria endemic countries |
| Pillar II | Ensure proper, timely entomological and resistance monitoring and effective data management |
| Pillar III | Develop new innovative vector control tools |
| Pillar IV | Fill gap in knowledge on mechanisms of insecticide resistance and the impact of current insecticide resistance management strategies |
| Pillar V | Ensure that enabling mechanisms (advocacy, human and financial resources) are in place |



Pillar V - Ensure that enabling mechanisms are in place

Issues

- **Lacking** of entomological **capacity** at national level
- **Insectaries and PCR Labs available** in two-thirds of countries in Africa but **not fully operational**
- **Collaboration** between researches is sometimes **weak**



Molecular analysis for kdr detection and
species ID in OCEAC



Action points

- Countries require technical guidance from WHO on the minimum indicators for entomological surveillance
- A vector surveillance operational manual is being developed. It is supported by an operational plan. By 2016 it will be available
- Countries in the same regional block to collaborate and plan together
- Strengthen the collaboration with research and academic institutes



Aim of the project

Improve links among national training and research institutions and national vector borne disease control programs to monitor and manage insecticide resistance



Project 3: Build capacity to manage Insecticide Resistance in the WHO Africa Region

In collaboration with ANVR, WHO AFRO, PAMCA, PMI and partners, improve links among national training and research institutions and national vector borne disease control programs to monitor and manage insecticide resistance

#	Name of Activity	Timeline in 2017/2018	Status	Responsible Project manager	Support required	Comment
1	Devise a formal process for linking national training/research institutions to vector borne disease control programs in order to facilitate capacity building	2017-2018	Ongoing	Josiane Etang & Birkinesh Ameneshawa	Budget: 450 000 USD	WHO, Countries
2	Identify and fill human and infrastructure capacity gaps	2017-2018	Scheduled			Research institutions, WHO, ANVR, PMI, partners
3	Reinforce the training capacities of research institutions (update/refreshment workshops or meetings)	4 th term 2017	Scheduled			Research institutions, WHO, ANVR, RBM, partners, PAMCA
4	Organize IR management hands-on training sessions for vector borne disease control programs and other staff	2017-2018	Ongoing			Research institutions, ANVR, PMI
5	Coordinate the mobilization of resources for insecticide resistance management (Equipment, supplies, ...)	2017-2018	Ongoing			WHO, RBM, partners, PAMCA, PMI





Activity 1: Formal process for linking national training/research institutions to vector borne disease control programs

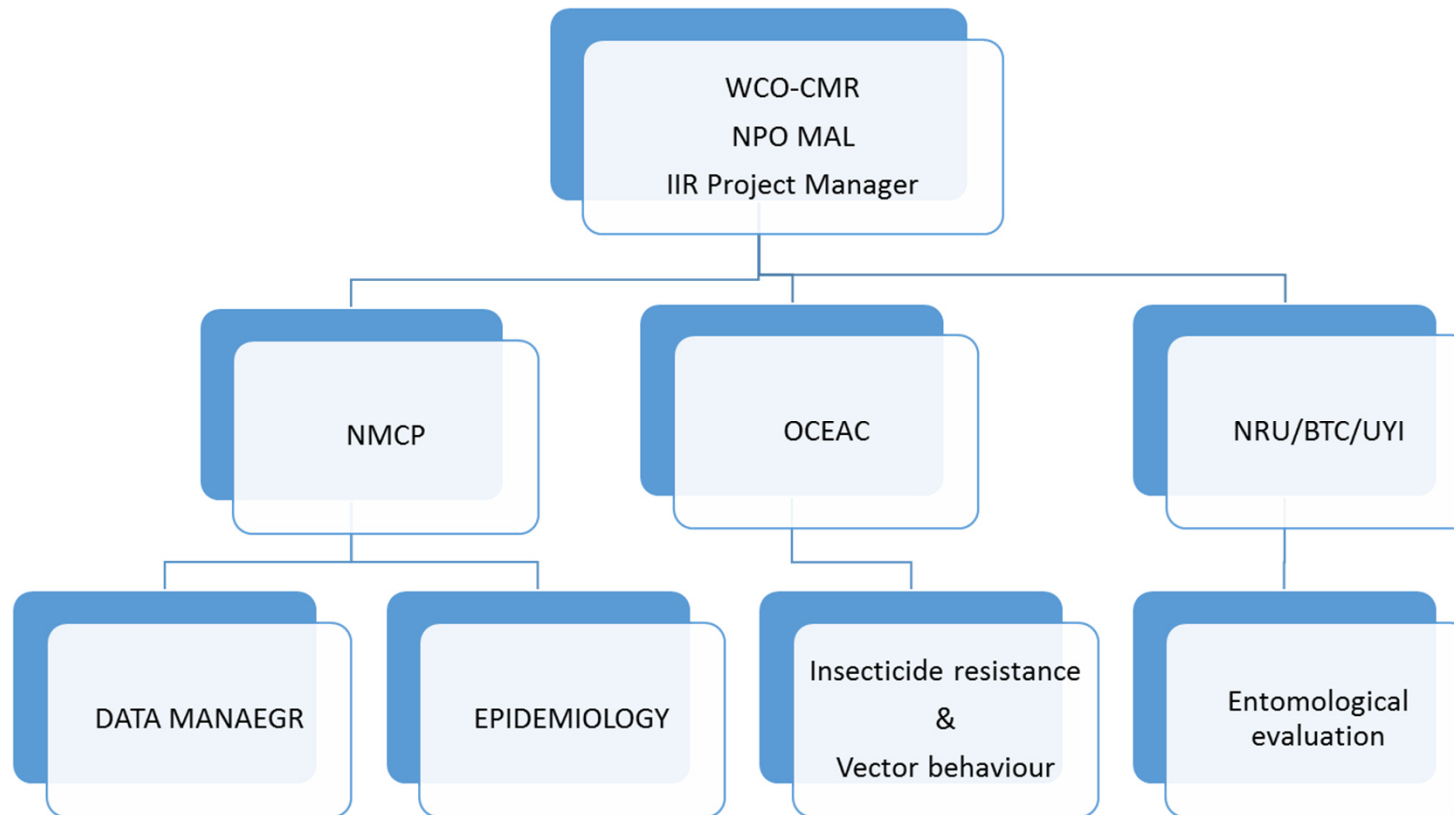


Figure 2. Linkage between NMCP national training/research institutions in the framework of IIR project (Gates project)

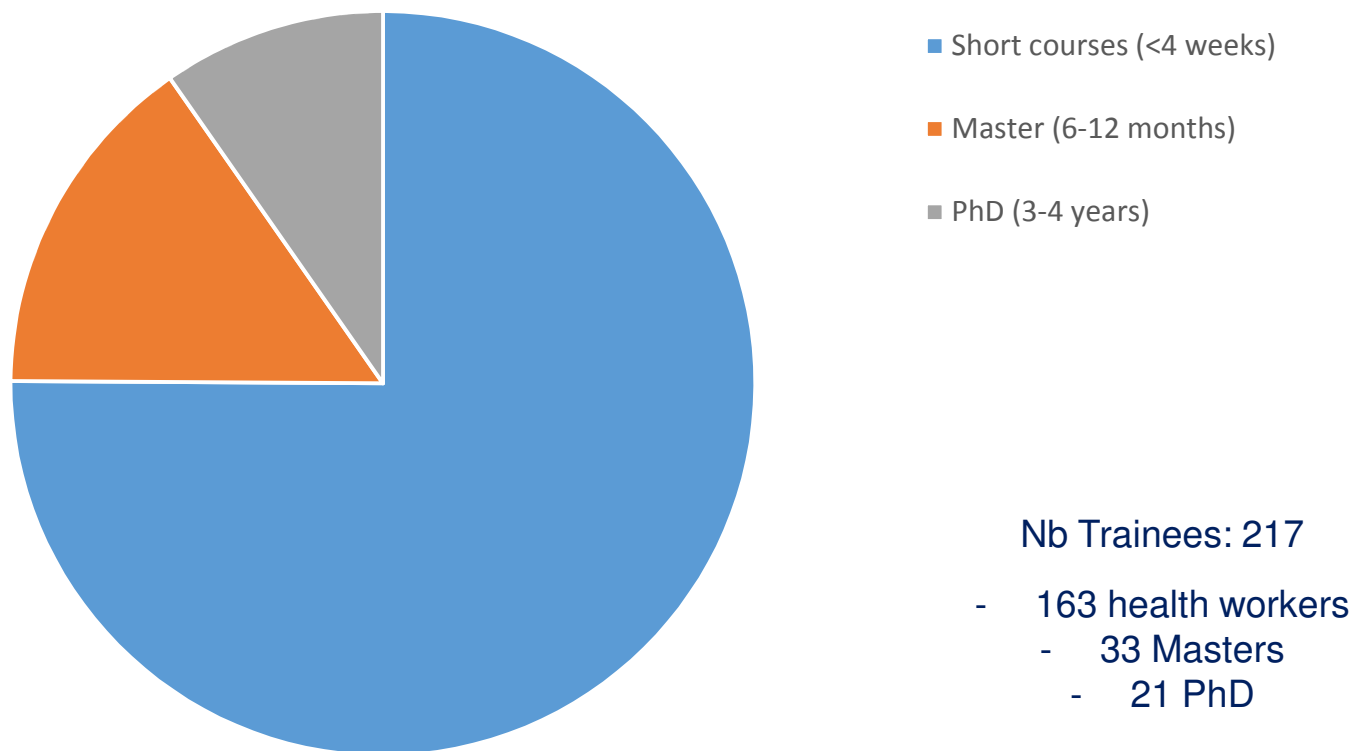


Figure 3: Training activities in the African Region, 2016



PRIORITY NEEDS : Reliable funding mechanisms for research and training along side with interventions

- ✓ Advocacy for malaria vector control research and training to become a priority of funding Agencies at global level (Bill & Melinda Gates Foundation, NIH, TDR, PMI,...)
- ✓ Put in place a mechanism for elaboration of competitive projects through consortia (organize workshop to develop projects on specific topics)
- ✓ Come out with multi country proposals and liaise with funding agencies to mobilize the required budget

Thank you