

IVM Evidence and Capacity Work Stream Work Plan 2018 / 2019

Date: 11th December 2018

Co-leaders: Josiane Etang and Michael Macdonald

Including Update 9 October 2018 (red font) and 11th December 2018 (Blue font)

Project 1: <u>Create directory of available training institutions, programs and resources.</u>						
In collaboration with WHO, Swiss TPH as WHO Collaborating Centre, develops two tools for mapping training opportunities and needs assessments						
#	Name of Activity	Timeline	Status	Responsible Project manager	Support required	Comment
1	Development of Tool 1 (mapping training opportunities)	2017-2019	Ongoing	Konstantina Boutsika	None	WHO, Countries, Partners
2	Development of Tool 2 (needs assessments)	2017-2019	ongoing			WHO, Countries, Partners

Comment: in related activity, directory of public health entomology training and research institutions in Asia Pacific begun with nearly 50 institutions in 18 countries from Pakistan to Australia. Continued progress with face-to-face meetings and email communications with several institutions to facilitate information exchange among training and research institutions

Project 2: <u>Build capacity to manage Insecticide Resistance at national and international levels</u>						
In collaboration with ANVR, WHO AFRO, PAMCA, PMI, STP and partners, improve links among training and research institutions and vector borne disease control programs to monitor and manage insecticide resistance						
#	Name of Activity	Timeline	Status	Responsible 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	2017-2019	Ongoing	Josiane Etang & Konstantina Boutsika	Budget: 450000 USD	WHO, Countries
2	Identify and fill human and infrastructure capacity gaps	2017-2019	ongoing	Birkinesh Ameneshewa		Research institutions, WHO, ANVR, PMI, partners <i>16th ANVR Meeting, 28-30 November 2018, Grand Bassam Côte d'Ivoire: Participants were updated on the current challenges in the control of VBDs particularly malaria and arbovirus diseases</i>

						<i>in the African Region and WHO's response</i>
3	Reinforce the training capacities of research institutions (update/refreshment workshops or meetings)	4 th term 2018	Scheduled			Research institutions, WHO, ANVR, RBM, partners, PAMCA <i>Regional training: 14 African experts trained in Aedes vector surveillance through ANVR in November 2018, Dakar Senegal</i>
4	Organize IR management hands-on training sessions for vector borne disease control programs and other staff	2018-2019	Scheduled			Research institutions, ANVR, PMI Good Progress: PMI recently organized a training in Cameroon (1st-5 October 2018) <i>Training sessions reported in 6 African countries in 2018 (Mozambique, South Africa, Benin, Ghana, Ethiopia and Cameroon) Cf ANVR report in preparation</i>

5	Work with academics to establish insecticide management training programmes in universities	2017-2019	Ongoing			Research institutions, Universities, partners
---	---------------------------------------------------------------------------------------------	-----------	---------	--	--	-----------------------------------------------

Project 3: Share best practices across regions for meeting the challenge of outdoor/residual malaria transmission

Continuing a VCWG activity begun in 2011 to share information between countries and across regions on applied research on understanding and control of outdoor and residual malaria transmission

#	Name of Activity	Timeline	Status	Responsible Project manager	Support required	Comment
1	Strengthen vector biology research and VC tool development through best practice information exchange	2017-2019	Ongoing	Research partners Implementing partners APMEN VCWG + MOMTN Secretariats Implementing partners	Funding TBD	Through APMEN and MOMTN, potential collaboration with Africa programs and institutions <i>Limited progress. APMEN workshop in September '18 included significant discussion of outdoor transmission and participation of participants with Africa programs, but direct technical links still pending</i>
2	Enhance integration of anthropological approaches, community participation and engagement	2017-2019	Planned			
3	Enhance access to necessary tools and capacity through information exchange and coordinated programming	2017-2019	Ongoing			
4	Address market and	2017-2019	Ongoing			

	regulatory challenges through improved communication with regulators and industry					<p><i>by APLMA and partners, with planned landscape analysis to identify NRA capacity building opportunities</i></p> <p><i>APLMA “Vector Control in Asia Pacific” initiative begun</i></p> <p><i>APLMA “Vector Control in Asia Pacific” steering committee formed, (including members of the RBM VCWG), purpose is to: “ focus on strengthening and streamlining the regulatory processes and promote harmonization among regulatory authorities in the region”</i></p>
--	-----------------------------------------------------------------------------------	--	--	--	--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Project 4: Share best practices for entomological surveillance across regions.

Facilitate collaboration among APMEN, Elimination 8 and other networks for adapting entomological surveillance for malaria elimination; with AMCA and partners collect and share best practices for *Aedes* monitoring.

#	Name of Activity	Timeline	Status	Responsible Project manager	Support required	Comment
1	Share best practices and technical developments for <i>Anopheles</i> surveillance malaria elimination		Ongoing	TBD	Yes, budget TBD	Collaboration among APMEN, E8, UCSF, PMI and WHO.
2	Share best practices for <i>Aedes</i>		Planned			Collaboration among WHO, RBM,

	<i>surveillance</i>				AMCA and partners
3	Share best practices for entomological surveillance /risk area stratification including information management, mapping and remote sensing		Planned		<p>Excellent Progress. (for all thee) <i>Collaboration among APMEN, Malaria Consortium and UCSF to develop on-line Technical Resource Exchange/“community of practice”, including for Aedes, along with AMCA and WHO. Potential collaboration with PAMCA</i></p> <p>Continued progress, drafts shared with potential participating partners; prototype website to be designed and launched in January</p>

Project 5: Improve IVM in Humanitarian Emergencies through improved service delivery with existing tools and development of new tools and strategies.

Humanitarian emergencies present special challenges for threat assessment and vector control especially where traditional vector control tools such as IRS and LLINs are not practical. This activity has two primary objectives: improve delivery, uptake, integration and evaluation of existing vector surveillance and control tools; and facilitate the development of an evidence-base and uptake of supplementary and emerging tools, noting that some of these tools may be used for outdoor/residual transmission more generally.

#	Name of Activity	Timeline in 2017/2018	Status	Responsible Project manager	Support required	Comment
1	Establish steering committee, mission statement and objectives for initiative	September 2017	Completed	RBM with MSF, UNICEF, MENTOR	Supported by Swiss SDC and Partners	Report available
2	Convene larger stakeholder meetings, including manufacturers to address improved service delivery and development of new tools	Quarter 2, 2018	Planned		Yes, budget TBD	Under discussion <i>Poor progress. Spring meeting in US did not happen due to logistics hurdles</i>
3	Provide a platform for technical input to guideline development and capacity-building	Ongoing	Planned		Yes, budget TBD	Under discussion <i>Limited progress. Platform not established, but workstream and partners invited to WHO ERG on revision of Handbook for Malaria Control in Humanitarian Emergencies</i> <i>Dec. 13 still limited progress; handbook revision postponed to 3/19</i>

