

RBM VCWG IRS IRM Priorities Work Stream

Work Plan 2020

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Project/work plan:

Project 1: To develop, produce and deliver an online IRM training course using the MOOC (Massive Open Online Course) approach.

The training course will be open to anyone to undertake and will be delivered free to the participant. The target audience will be all those who make decisions, or undertake activities, that can impact insecticide resistance development in the mosquito vectors of disease. It is expected that the course will take between 8 and 10 hours to complete over a three week period, and will be delivered using an engaging multi-media approach, including video, audio and text, and will facilitate online interaction between participants. After studying the course the participant will have an understanding of what insecticide resistance is and its impact on vector control, the theory and practice of IRM and the importance of undertaking IRM in the context of a wider Integrated Vector Management (IVM) approach. The course will focus on the applied aspects of IRM within the framework outlined in the GPIRM. It is hoped that the course will be produced in association with the leading experts in the field. Once produced, the course can be delivered on a suitable platform multiple times, incorporating updates as required.

#	Name of Activity	Timeline in 2019/2020	Actual Status	Responsible Project manager	Support required	Comments
1	Signoff of funding	January 2020	Planned	Workstream and VCWG chairs	VCWG chairs and secretariat	Expected during January 2020

	Formalise core MOOC production team					
2	Appoint MOOC coordinator	Q1 2020		Core team / hosting institute		Dependant on availability of suitable candidate
3	Production of MOOC - Multiple activities	Q1-Q3 2020		Coordinator and core team		Detailed planning to be made by coordinator and core team once coordinator in place. Implementation of plan to be led by coordinator.
4	First presentation of MOOC	Q4 2020				Dependant on signoff of MOOC, availability of slots on chosen platform
5						
6						
7						

Project/work plan:

Project 2: To support the objectives of the Vector LearningXchange

The Vector LearningXchange has reached over 6,828 users with over 29,115 page views as the platform continues to grow. In 2019, we are excited to introduce new content that includes insecticide resistance management open course (MOOC). We plan to facilitate cross-country collaboration among vector control stakeholders on our online platform, and we will continue to bring the most up to date resources on vector control. We have two exciting new webinars planned: Best practices on planning and leading vector control

trainings (possibly integrating gender-equitable/sensitivity training) by Encompass and use of Digital mapping to improve the planning and implementation of vector control. Resources on IRS evidence from the NGenIRS project will also be uploaded to the site in the next year. And finally, through our community feedback survey, we plan to gather responses on how to better serve our online vector control community and continue to provide the most useful content.

#	Name of Activity	Timeline in 2019/2020	Status	Responsible Project manager	Support required	Comments
1	Support the development and regular site maintenance of the Vector LearningXChange	Ongoing		All	Work stream members commitment	https://www.vectorlearningxchange.com/
2						

Project/work plan:

Project 3: Randomized controlled trail of partial IRS and landscaping of countries with and without Insecticide resistance management plan.

#	Name of Activity	Timeline in 2020/2021	Status	Responsible Project manager	Support required	Comments
1	Randomized Controlled Trail of partial IRS	September 2020- Feb 2021		Dereje Dengela	Support from to be selected Country NMCP , VCWG members ,	

					PMI VectorLink project	
2.	Landscaping of countries with and without Insecticide resistance management plan.	July-December 2020.		Dereje Dengela	Support from NMCPs and VCWG members , and PMI VectorLink project	

Key gaps on your topic (work stream) areas:

Practical advice on how to implement the newer VC tools that are being developed in the context of IRS (and in the wider context LN) campaigns. And, how to use them as part of a best practice IRM programme. E.g. ATSB, eave tubes, endectocides, ‘GM’ mosquitoes, house modification, etc. The VC community should have a view on this before such interventions are widely used. This highlights the importance of a holistic and multi-disciplinary, or multi-sectoral, approach to VC.

How you measure the impact of your work stream work:

Proposed activities can be measured against the work plan for timely delivery and quality of output. In the case of the IRM MOOC, it is hoped that the IRM knowledge of the participants can be measured at the beginning and end of the course, possibly through the ‘serious gaming’ element. Hopefully this will increase, which could be interpreted as a measure of success. Likewise, the number of visitors to, and activity on, the ‘Vector LearningXchange’ could be used to measure impact?

It is very difficult to quantitatively measure the overall impact of the work stream on the implementation of best practice IRS and IRM. However, it might be possible to measure qualitatively the adherence of IRS programmes, in particular, to the principles of IRM, as described by the GPIRM.