As an operational Work Stream, please restrict the presentation and the number of projects to 'real' SMART projects / objectives with realistic sub-activities which reflect the actions needed to reach the objectives. Also kindly remember that the activities listed are for the 2017-2018 work plan. Be as specific and detailed as you can be; especially in the sub-activities. Fewer projects are better than too many. Thanks a lot.

IRS IRM Priorities Work Stream: 2019 / 2020 Work Plan
Co-leaders: Mark Hoppé, Dereje Dengela

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. It is expected that delivery of the MOOC will be on the FutureLearn platform. Once produced, the course can be delivered multiple times, incorporating updates as required.

Funding being sort, further steps cannot be taken until this is complete.

#	Name of Activity	Timeline in 2019/2020	Actual Status	Responsible Project manager	Support required		Comments
1	Seek support of contributors	February 2018	Underway	M Hoppé Then core team and coordinator/ producer	Financial: To be identified		Potential contributors identified. Initial approaches being made
2	Identify resources required to produce and deliver course. Seek funding	Q4 2018 →	Underway		Support from VCWG membership		Potential contributors approached. Following activities contingent on availability of resources
3	Appoint coordinator/producer to manage production of course	Q1 2019					To be agreed with steering team/ VCWG leadership
4	Produce course	Q2 –Q3 2019					Using existing material where appropriate, and generating new material as needed. Editing, formatting and proofing in association with delivery platform
5	Sign off	Q3 2019					By steering team/VCWG leadership and delivery platform
6	Deliver course	First opportunity post Q4 2019					Contingent on delivery platform
7							

Project/work plan:

Project 2: To support the objectives of the Vector LearningXchange

In its first year, 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 such as country specific entomological data and an 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: Data Analytics and Visualization for Decision Making and LLIN Assessments. 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		Ongoing		All	Work stream members commitment		https://www.vectorlearningxchange.com/
2							

Project/work plan:

Project 3: Community based piloting of partial IRS

#	Name of Activity	Timeline in 2019/2020	Status	Responsible Project manager	Support required		Comments
1	Pilot Partial IRS operation	April- May 2019		Dereje Dengela	Support from Ghana NMCP & PMI VectorLink project		
2	Entomological monitoring	April- November 2019		Dereje Dengela	Ghana NMCP ,VCWG members & 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.