

9th Larval Source Management workstream

Silas Majambere & Ulrike Fillinger

Agenda		
Time	Title	Speaker
10:30 – 10:50	Welcome Review of the Work Plan	Silas Majambere All
10:50 – 11:15	Updates on a larviciding program in Niger	Boube Hamani
11:15 – 11:40	Updates on a larviciding program in Uganda	Charles Ntege
11:40 – 12:05	Updates on a larviciding program in Tanzania	Winfred Mwafongo
12:05 – 12:30	Towards new safeguard requirements for health impact assessments to control vector borne disease risks around AfDB funded large scale projects	Ousmane Fall
12:30 – 12:45	Acoustic larvicide revelations of larval mosquito respiration	Herbert Nyberg
12:45 – 13:00	Could a worker's mobile app recreate Soper's success with larviciding?	Arnon Yafin
13:00 – 13:30	Open discussion: How do we make the LSM work stream useful for National programs?	All
13:30	End of meeting	

Project 1: Draft a consensus statement as RBM VCWG work stream with the aim to change WHO position on LSM

- A statement was drafted but members of the workstream felt it was not strong enough others felt no need to change the current position of WHO on LSM. There was no clear consensus on the way forward.
- **Update:** The community has not yet reached a consensus on whether/how to change the current WHO position statement on LSM.

Project 2: Advocating for environmental management including habitat modification and manipulation and inter-sectoral collaboration as priority interventions in LSM

- We have tried to reach out to the African Development Bank (AfDB) which has published safeguards for health impact assessments including vector control requirements.
- **Update:** We finally got in touch with AfDB and will have a presentation from them. We intend to develop a working partnership with them around agriculture and dam construction projects.

Project 3: Update and expand spreadsheet of WHOPES approved larvicides; Compile SOPs on: How to test larvicides efficacy and how to test for resistance

- With the recent changes from WHOPES to WHO PQ system, i2i is leading this project
- **Update**: There has been some delays but i2i has recruited an expert to work on generating SOPs for testing larvicides and it is hoped this will be completed in 2019

Project 4: State of the art technology for improving LSM operations

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By Julius Bizimungu Published : January 10, 2019

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- A project in Zanzibar is testing the value of integrating satellite imagery, drones, and mobile apps to improve LSM
- A team in Kenya is preparing a LSM trial in the Ahero rice scheme, western Kenya, using a Agras MG-1S drone to spray Aquatain

Project 5: Reviewing operational LSM in national malaria control programmes – Evidence of impact, training and support needs

- A number of countries are doing or planning to do LSM, some of them at large scale.
- Botswana, eSwatini and Namibia are looking at the impact of “winter larviciding” in the context of malaria elimination in the E8
- We have interacted with NMCP Nigeria, Niger, Tanzania and Uganda on their plans for LSM
- **The workstream has no funds to offer technical support to National programs**

Measuring the impact of the workstream

- Countries have a clear guidance on how to implement LSM in their contexts *and receive technical support as required.*
- Countries have a multi-sectoral working group that advocates and supports implementation of different aspects of LSM as appropriate in their contexts
- Countries implement larviciding using WHO recommended larvicides
- Where appropriate, new technology is integrated to improve LSM