Larval Source Management Work Stream

Co-chairs:
Silas Majambere, Ulrike Fillinger
Aim of the LSM work stream

• to update the evidence base and protocols
• to assess and help develop the local capacity (people and infrastructure)
• to help national programs identify where and how investments in LSM could contribute to malaria control.
Project 1:
Draft a consensus statement as RBM VCWG work stream with the aim to change WHO position on LSM

DONE

Draft to be presented and adopted
Project 2:
Advocating for environmental management including habitat modification and manipulation and **intersectoral collaboration** as priority intervention in LSM

**IN PROGRESS**

- African Development Bank rep to give feedback in this meeting
- *Overlap with IVM work stream (Environmental management, Intersectoral collaboration)*
- *Reaching out to Public Health Engineers*
Project 3:
Update and expand spreadsheet of WHOPES approved larvicides as source of information; Compile SOPs on: How to test larvicides? & How to test for resistance?

• Opted to wait for the new PQ system replacing WHOPES to update the list
Project 4: LSM – A modern tool for vector control: Review of state of the art technology for LSM e.g. GIS, satellite imagery, motorized application equipment, areal application, drones, use of mobile data transfer) - integrates other experiences outside of malaria control

IN PROGRESS

Update from Chris Thomas and Peter DeChant
Project 5:
Reviewing operational LSM in vector control programmes – Evidence of impact, training and support needs

IN PROGRESS

Update from Ruth DuPlessis
### Project 5 cont.

|   | Establish a list of LSM experts (with hands-on expertise in doing LSM) willing to provide support for programmes. | How do we locate the experts in the field?  
Can PAMCA survey help?  
Is WHO already doing the same? |
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<td>6.</td>
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| 7. | Increase visibility of LSM work stream and experts for programmes, or other interested parties to seek advice and technical support. | For programmes to reach out to LSM experts, WHO would have to change their statement (?).  
Who would fund the technical support? (linked to who would fund LSM) |

**PENDING**
### Project 5 cont.:

<table>
<thead>
<tr>
<th></th>
<th>Needs assessment for National Programmes to implement LSM (e.g. M&amp;E to monitor impact, training of vector control staff in modern LSM)</th>
<th>WHO or other funders should commission this</th>
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<td>9.</td>
<td>Establishment of a training platform for hands-on training in operational LSM for managers, supervisors and field staff.</td>
<td>On-going discussion between PAMCA and AMCA</td>
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Project 6:
Develop guidelines for LSM in emergency situations.

• Overlap with IVM work stream (Environmental management, Intersectoral collaboration)- who should take the lead?
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
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<tr>
<td>10:00 – 10:20</td>
<td>Welcome Review of the Work Plan Challenges to LSM uptake in Africa</td>
<td>Silas Majambere All</td>
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<td>Cochrane review of larviciding to control malaria – summary of findings</td>
<td>Anne Wilson</td>
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<td>10:20 – 10:35</td>
<td>Consensus statement as RBM VCWG work stream with the aim to change WHO position on LSM</td>
<td>Jacob Williams All</td>
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<td>10:35 – 11:00</td>
<td>Inter-sectoral collaboration: The African Development Bank’s “Safeguards for Health Impact Assessments”</td>
<td>Mbarang Diop</td>
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| 11:00 – 11:20| LSM and Technology  
• Spatial Intelligence System for Precision Larviciding (Zanzibar project)  
• New developments in spraying technology                                                                                                                                                                                                                                             | Chris Thomas       |
|              |                                                                                                           | Peter DeChant      |
| 11:20 – 11:50| Larval Source Management in Africa: A lost opportunity to strengthen the evidence base on cost effective African malaria control                                                                                                                                                                                                                           | Ruth DuPlessis     |
| 12:10 – 13:00| Open discussion: How do we make the LSM work stream useful for mosquito control programs?                                                            | All               |
|              | **End of meeting**                                                                                                                                                                                                                                                                                                                                                         |                   |